

1 **3.17 UTILITIES AND SERVICE SYSTEMS**

UTILITIES AND SERVICE SYSTEMS – Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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 **3.17.1 Environmental Setting**

3 With respect to utilities and services, the primary needs of the Project include the ability
 4 to recycle or dispose of non-hazardous solid waste associated with the removal of the
 5 outfall pipe, including treated wood, and other solid piping. There may also be
 6 hazardous materials and wastes to dispose of including creosote-treated timber pilings,
 7 petroleum based residues, and hydraulic fluids. In addition, hazardous materials will be
 8 used and generated during removal activities. All associated hazardous materials will be
 9 removed from the Project site for proper disposal (see Section 3.8, Hazards and
 10 Hazardous Materials).

11 There are existing water and electrical lines extending onto the wharf from the Plant
 12 area for maintenance use and for the hopper and conveyor system. No shore power is
 13 available to docking ships.

1 **3.17.2 Regulatory Setting**

2 No Federal or State laws relevant to this issue area are applicable to the Project.

3 The Project site is within an area of Contra Costa County that was annexed by the city
4 of Antioch in 2013; therefore, the pertinent local goals, policies, and/or regulations
5 applicable to this issue area lie with the City.

6 The goals of the Public Facilities and Services Element of the City of Antioch General
7 Plan are to provide for the timely expansion of high quality public services and
8 infrastructure to serve existing and future residents, businesses, recreational facilities,
9 and other facilities within the city of Antioch consistent with the service levels set forth in
10 the Growth Management Element.

11 **3.17.3 Impact Analysis**

12 The Project would not use public utilities, sewers and/or water lines during Project
13 implementation, which would be conducted entirely from barges located in the water at
14 and near the wharf location. All equipment power and any auxiliary lighting that may be
15 required would be independently supplied from the work barges by the construction
16 contractor.

17 ***a), e) Exceed wastewater treatment requirements of the applicable Regional Water
18 Quality Control Board OR Result in a determination by the wastewater treatment
19 provider which serves or may serve the Project that it has adequate capacity to
20 serve the Project's projected demand in addition to the provider's existing
21 commitments?***

22 **No impact.** The Project would not generate any wastewater and therefore would not
23 involve or exceed the applicable wastewater treatment requirements of the CVRWQCB.
24 There would be no impact.

25 ***b) Require or result in the construction of new water or wastewater treatment
26 facilities or expansion of existing facilities, the construction of which could cause
27 significant environmental effects?***

28 **No impact.** The Project would not require or result in construction of new wastewater
29 treatment facilities or the expansion of existing facilities. Portable and on-boat toilets
30 would be available for Project workers. There would be no impact.

31 ***c) Require or result in the construction of new storm water drainage facilities or
32 expansion of existing facilities, the construction of which could cause significant
33 environmental effects?***

1 **No impact.** The Project would not involve the construction of new storm water drainage
2 facilities or expansion of existing facilities. There would be no impact.

3 ***d) Have sufficient water supplies available to serve the Project from existing***
4 ***entitlements and resources, or are new or expanded entitlements needed?***

5 **No impact.** The Project would require small amounts of water for work crews and
6 certain operations (such as concrete mixing and washing of equipment). Sufficient water
7 supplies are available at the dock to serve the Project. There would be no impact.

8 ***f, g) Be served by a landfill with sufficient permitted capacity to accommodate the***
9 ***Project's solid waste disposal needs OR Comply with federal, state, and local***
10 ***statutes and regulations related to solid waste?***

11 **Less Than Significant Impact.** As described in Section 3.16, Transportation/Traffic,
12 two or three truck-loads of pilings would need to be disposed of at a local landfill,
13 currently anticipated to be the Potrero Hills Landfill in Suisun City. This small amount of
14 material would have a less than significant impact on landfill capacity or compliance with
15 federal, state, and local statutes.

16 **3.17.4 Mitigation Summary**

17 The Project would not result in significant impacts to Utilities and Service Systems;
18 therefore, no mitigation is required.