3.17 UTILITIES AND SERVICE SYSTEMS

<table>
<thead>
<tr>
<th>UTILITIES AND SERVICE SYSTEMS – Would the Project:</th>
<th>Potentially Significant Impact</th>
<th>Less Than Significant with Mitigation</th>
<th>Less Than Significant Impact</th>
<th>No Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>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?</td>
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<tr>
<td>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?</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>d) Have sufficient water supplies available to serve the Project from existing entitlements and resources, or are new or expanded entitlements needed?</td>
<td>☐</td>
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</tr>
<tr>
<td>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?</td>
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</tr>
<tr>
<td>f) Be served by a landfill with sufficient permitted capacity to accommodate the Project’s solid waste disposal needs?</td>
<td>☐</td>
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<td>☐</td>
</tr>
<tr>
<td>g) Comply with federal, state, and local statutes and regulations related to solid waste?</td>
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</tr>
</tbody>
</table>

3.17.1 Environmental Setting

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

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

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

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

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

3.17.3 Impact Analysis

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

a), e) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board OR 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?

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

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?

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

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?


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

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

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

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

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

3.17.4 Mitigation Summary

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