### 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>
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<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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<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>
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<td>d) Have sufficient water supplies available to serve the Project from existing entitlements and resources, or are new or expanded entitlements needed?</td>
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<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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<td>f) Be served by a landfill with sufficient permitted capacity to accommodate the Project’s solid waste disposal needs?</td>
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<td>g) Comply with federal, state, and local statutes and regulations related to solid waste?</td>
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#### 3.17.1 Environmental Setting

The outfall is located in the Suisun Bay, in unincorporated Contra Costa County. It is situated approximately 0.6 mile to the east of the Concord Naval Weapons Station, Military Ocean Terminal; 0.8 mile to the south of Middle Ground Island in Suisun Bay; approximately 1.9 miles to the west of McAvoy Yacht Harbor in Bay Point and further (about 3 miles total along the shoreline) to the west of the mouth of the Sacramento River; and 0.9 mile to the north of Port Chicago Highway.

The onshore Project site is located in a relatively isolated and undeveloped area near Bay Point and is surrounded by the Suisun Bay, industrial properties, and tidal marsh.

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).

Several solid waste facilities located in the San Francisco Bay Area can receive non-hazardous wastes from the pipe removal for recycling and/or disposal. Facilities specialized for the treatment or disposal of hazardous wastes may lie outside the immediate Bay Area, but they are accessible via the network of roads and highways that serve the region. A shore base facility will be needed to handle materials and transfer them to recycling and/or disposal sites. This location will be provided by the selected contractor, who has not yet been chosen for the Project.

3.17.2 Regulatory Setting

Federal and State

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

Local

Each County is required to prepare and adopt a Countywide Integrated Waste Management Plan that must include source reduction and recycling elements. Contra Costa County has a Construction and Demolition Ordinance that became effective in 2004. It applies to all construction sites that are greater than 5,000 square feet. This Project will not require a Demolition permit.

3.17.3 Impact Analysis

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

No Impact. The Project is not expected to conflict with wastewater treatment requirements of the SFBRWQCB because the Project will not produce wastewater.

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 result in the construction of new water or wastewater treatment facilities or expansion of existing facilities. Water required for cutting the HDPE piping, wood, and steel materials associated with the outfall structure will be
minimal; wastewater treatment providers would not be overloaded as a result of the Project’s projected demand.

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 result in the construction of new storm water drainage facilities or expansion of existing facilities. Removal activities would occur from barges on the water. Cutting of the wood piles will not impact storm water drainage.

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

**No Impact.** Water use for the Project would be minimal and can be provided from existing domestic water supplies. Mechanical devices would require a relatively small amount of water to operate. This Project would not require new or expanded water supply resources or entitlements.

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?**

**No Impact.** The Project would not result in the construction of new water or wastewater treatment facilities or expansion of existing facilities. Water required for cutting the HDPE piping, wood, and steel materials associated with the outfall structure will be minimal; wastewater treatment providers would not be overloaded as a result of the Project’s projected demand.

f) **Be served by a landfill with sufficient permitted capacity to accommodate the Project’s solid waste disposal needs?**

**Less than Significant Impact.** Waste materials will be generated from the safe removal of HDPE piping, and wood materials associated with the outfall structure. Several active solid waste landfills with adequate capacity for materials were identified within the region. They are listed below, with their remaining capacity as reported by the California Department of Resources Recycling and Recovery (CalRecycle) Solid Waste Information System database.

- Keller Canyon Landfill; 901 Bailey Road, Pittsburg, CA 94565; 63 million cubic yards; permitted by the Contra Costa County Health Services Department Environmental Health Division
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- Acme Fill Corporation; 950 Waterbird Way, Martinez, CA 94553; 175,000 cubic yards; permitted by the Contra Costa County Health Services Department Environmental Health Division
- Potrero Hills Landfill; 3675 Potrero Hills Lane, Suisun City, CA 94585; 13 million cubic yards; permitted by the Solano County Department of Resource Management

Each of these sites is able to receive solid waste from construction/demolition projects. Thus, adequate disposal and recycling capacity exists for all of the nonhazardous scrap and waste materials associated with the outfall removal. The limited amounts of hazardous wastes that are generated can be serviced by current recycling or landfill disposal facilities in California. Any impacts to landfills would be a less than significant.

g) Comply with federal, state, and local statutes and regulations related to solid waste?

No Impact. Compliance with local statutes and regulations would assure compliance with State and Federal requirements.

3.17.4 Mitigation Summary

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