

1 **3.16 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 type="checkbox"/>	<input checked="" type="checkbox"/>

2 **3.16.1 Environmental Setting**

3 The Project would remove and dispose of or recycle approximately 2,020 feet of steel
 4 pipe wastewater pipeline. The pipeline would be transported to the contractor's shore-
 5 based facility (see Section 2.5 for more details) where it would be transferred to trucks
 6 for recycling and/or disposal. The disposal and recycling sites have not yet been
 7 selected, but potential facilities include Alco in Vallejo or Sims Metal Management in
 8 Richmond. In addition, there may be other landfills that may be used by the selected
 9 contractor. East Bay Municipal Utility District (EBMUD) would be providing the water
 10 supplies in the Project area; however, the Project would not tap into any water systems
 11 in the Project area. There are two wastewater treatment plants, the Pinole-Hercules

1 Sewage Treatment Plant and the Hercules Sewage Treatment Plant within 2 miles of
2 the Project site. The Project would generate only small quantities of wastewater, and all
3 wastewater would be hauled to the contractor’s shore-based facility (see Section 2.5 for
4 more details). No wastewater disposal would occur in the Project area.

5 **3.16.2 Regulatory Setting**

6 There are no Federal and State laws and regulations pertaining to this issue area and
7 relevant to the Project. Summarized below are the local goals, policies, and/or
8 regulations applicable to this issue area.

9 Wastewater treatment and potable water treatment within the City is under the
10 jurisdiction of the SFBRWQCB and other federal and state regulatory agencies. The
11 regulations include the Clean Water Act and other regulations. The City receives its
12 water supply through the EBMUD, which is regulated under state and federal laws.

13 **3.16.3 Impact Analysis**

14 ***a) Exceed wastewater treatment requirements of the applicable Regional Water*** 15 ***Quality Control Board?***

16 **No Impact.** The Project is not anticipated to generate any wastewater requiring
17 treatment. Any cleaning of the pipeline would occur at the contractor’s shore-based
18 facility (see Section 2.5 for more details) and would comply with existing permit
19 requirements. As described in Section 2, the Project would comply with applicable laws
20 and regulations that would prevent a conflict with wastewater treatment requirements of
21 the SFBRWQCB.

22 ***b) Require or result in the construction of new water or wastewater treatment*** 23 ***facilities or expansion of existing facilities, the construction of which could cause*** 24 ***significant environmental effects?***

25 **No Impact.** The Project would not produce wastewater-requiring treatment that would
26 exceed the contractor’s shore-based facility (see Section 2.5 for more details) permit
27 requirements. There is no requirement to construct water or wastewater treatment
28 facilities.

29 ***c) Require or result in the construction of new storm water drainage facilities or*** 30 ***expansion of existing facilities, the construction of which could cause significant*** 31 ***environmental effects?***

32 **No Impact.** The Project would not produce stormwater requiring construction of new or
33 expansion of existing stormwater management facilities. The Project would be short-

1 term (about 3 weeks of construction period), with onshore work expected to last only 1
2 week. In addition, the proposed work would be performed during the dry season
3 between June and October. Most of the Project site is offshore in the Bay (see Figure 1-
4 1. The onshore work area would follow BMPs as described in Section 2. The Project
5 would comply with applicable laws and regulations that would address any storm water
6 effects. The contractor's shore-based facility would comply with all applicable regulatory
7 requirements.

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

10 **No Impact.** The Project is temporary and short-term (about 3 weeks) and would not
11 affect existing water supplies.

12 ***e) Result in a determination by the wastewater treatment provider which serves***
13 ***or may serve the Project that it has adequate capacity to serve the Project's***
14 ***projected demand in addition to the provider's existing commitments?***

15 **No Impact.** The Project would not affect the existing wastewater treatment system.

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

18 **Less than Significant Impact.** The Project's solid waste (cut out pieces of the pipeline,
19 and its associated units) disposal requirements would be to recycle or dispose of the
20 wastewater pipeline and dispose of discarded materials at an appropriate disposal or
21 facility that has adequate capacity (see Section 2.5 for more details). The total quantity
22 of waste generated by the Project-related personnel would be small, and therefore
23 sufficient capacity would be available at a number of landfills.

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

26 **No Impact.** The Project would comply with all federal, state and local statutes and
27 regulations related to solid waste. As stated in Section 2, the Project would dispose of
28 or recycle all the pipeline material.

29 **3.16.4 Mitigation Summary**

30 The Project would not result in significant impacts; therefore, no mitigation is required.