

1 **3.11 MINERAL RESOURCES**

| MINERAL RESOURCES – Would the Project: | Potentially Significant Impact | Less Than Significant with Mitigation | Less Than Significant Impact | No Impact |
|---|---------------------------------------|--|-------------------------------------|-------------------------------------|
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

2 **3.11.1 Environmental Setting**

3 The Project site is located along the southern shore of Suisun Bay near Bay Point,
 4 Contra Costa County. The Project is located within the waters of the Bay, with no
 5 onshore component. Mineral resources in the County include rock, sandstone, and clay.
 6 There are several active quarry mining operations in the County which generate
 7 essential aggregate and mineral resources. These materials include: (1) diabase rock
 8 used extensively for roadbase and as rip-rap to prevent streambank erosion; (2)
 9 domegine sandstone used as a trench backfill and as the primary ingredient in the
 10 manufacture of heat-resistant glass; and (3) shale aggregate used for brick production.

11 Contra Costa County recognizes the value of its mineral resources as a supply for
 12 construction materials and for heat-resistant glass, as well as a significant employment
 13 source within the County. The County has identified significant areas of aggregate
 14 resources at Mount Zion, Mount Diablo, Port Costa, and in the area of Byron (Contra
 15 Costa County General Plan 2005-2020).

16 Review of the Mineral Resources section of the County General Plan (Conservation
 17 Element) indicates that there are no mineral resources located within the Project site.
 18 The nearest mineral resource is Aggregate Mining in the eastern portion of Suisun
 19 Channel.

20 **3.11.2 Regulatory Setting**

21 **Federal and State**

22 Federal and State laws and regulations pertaining to this issue area and relevant to the
 23 Project are identified in Table 3.11-1.

Table 3.11-1 Laws, Regulations, and Policies (Mineral Resources)

| | | |
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| <p>CA</p> | <p>Surface Mining and Reclamation Act (SMARA) (Pub. Resources Code, §§ 2710-2796),</p> | <p>In accordance with SMARA, the California Geological Survey classifies the regional significance of mineral resources and assists in the designation of lands containing significant aggregate resources. Mineral Resource Zones (MRZs) have been designated to indicate the significance of mineral deposits. The MRZ categories are:</p> <ul style="list-style-type: none"> • MRZ-1: Areas where adequate information indicates that no significant mineral deposits are present or where it is judged that little likelihood exists for their presence. • MRZ-2: Areas where adequate information indicates significant mineral deposits are present, or where it is judged that a high likelihood exists for their presence. • MRZ-3: Areas containing mineral deposits the significance of which cannot be evaluated from available data. • MRZ-4: Areas where available information is inadequate for assignment to any other MRZ. |
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1 **Local**

2 The Conservation Element of the Contra Costa County General Plan 1995-2020
 3 includes goals and policies to assist the County in meeting its defined mineral resource
 4 conservation and utilization needs. There are no conservation goals or policies that are
 5 applicable to the Project site.

6 **3.11.3 Impact Analysis**

7 ***a) Result in the loss of availability of a known mineral resource that would be of***
 8 ***value to the region and the residents of the State?***

9 **No Impact.** Shallow earth work to remove the timber pile markers and the removal of
 10 the outfall pipe would not result in the loss of availability of a known mineral resource.

11 ***b) Result in the loss of availability of a locally important mineral resource***
 12 ***recovery site delineated on a local general plan, specific plan, or other land use***
 13 ***plan?***

14 **No Impact.** The Project site is not delineated on a general plan, specific plan or other
 15 land use plan as an important mineral resource recovery site.

16 **3.11.4 Mitigation Summary**

17 The Project would not result in significant impacts to mineral resources; no mitigation is
 18 required.