

1 **3.10 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 **3.10.1 Environmental Setting**

3 The Project site is located along the southeast shore of the Carquinez Strait near the
 4 town of Port Costa, Contra Costa County. The Project is located within the waters of the
 5 Strait, with temporary staging areas to be located at the selected contractor’s shore
 6 base and within the former TXI property, located to the southwest of the Project site.

7 Mineral resources in Contra Costa County include rock, sandstone, and clay. Several
 8 active quarry mining operations in the County generate essential aggregate and mineral
 9 resources. These materials include: (1) diabase rock used extensively for roadbase and
 10 as riprap to prevent streambank erosion; (2) domegine sandstone used as a trench
 11 backfill and as the primary ingredient in the manufacture of heat-resistant glass; and (3)
 12 shale aggregate used for brick production.

13 **Contra Costa County**

14 Contra Costa County recognizes the value of its mineral resources as a supply for
 15 construction materials and for heat-resistant glass, as well as a significant employment
 16 source within the County. The County has identified significant areas of aggregate
 17 resources at Mount Zion, Mount Diablo, Port Costa, and in the area of Byron (Contra
 18 Costa County General Plan 2005-2020). Review of the Mineral Resources section of
 19 the County General Plan (Conservation Element) indicates that no mineral resources
 20 are located within the Project site. The nearest mineral resource is an area of clay near
 21 Port Costa where a mining operation currently extracts shale.

22 **3.10.2 Regulatory Setting**

23 Federal and State laws and regulations pertaining to this issue area and relevant to the
 24 Project are identified in Table 3.10-1. Local goals, policies, and/or regulations applicable
 25 to this issue area are listed below.

Table 3.10-1. Federal and/or State Laws, Regulations, and Policies Potentially Applicable to the Project (Mineral Resources)

CA	Surface Mining and Reclamation Act (SMARA) (Pub. Resources Code, §§ 2710-2796),	<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 The Conservation Element of the Contra Costa County General Plan 1995-2020
 2 includes goals and policies to assist the County in meeting its defined mineral resource
 3 conservation and utilization needs. No Conservation goals or policies are applicable to
 4 the Project site.

5 **3.10.3 Impact Analysis**

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

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

11 **No Impact.** The Project site is not located within any Mineral Resource Areas as
 12 identified in the Contra Costa County General Plan 2005-2020. Therefore, the Project
 13 would not result in the loss of any known mineral resources that would be of value to the
 14 region or residents of the State. Also, there would be no loss of availability of a locally
 15 important mineral resource recovery site delineated on a local general plan, specific
 16 plan, or other land use plan.

17 **3.10.4 Mitigation Summary**

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