

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 Mineral resources in Contra Costa County include aggregate and stone for commercial,
 4 industrial, and construction uses. In addition, Contra Costa County is one of the leading
 5 counties in the State in terms of natural gas production and also has a small volume of
 6 oil production (County of Contra Costa 2010). For many years, Antioch sand dunes in
 7 the area provided sand from two pits. There also were two sandstone beds with one
 8 quarry located in Antioch (California Geological Survey Digital Archive). There are no
 9 commercial mineral resources (with the exception of the imported gypsum rock) on the
 10 Project site or on the adjacent GP Plant.

11 **3.11.2 Regulatory Setting**

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

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

CA	Surface Mining and Reclamation Act (SMARA) (Pub. Resources, §§ 2710-2796)	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: <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 City of Antioch's General Plan Resource Management Element (City of Antioch
2 2003) does not identify any important mineral areas within the city of Antioch, or have
3 any policies relevant to mineral resources.

4 **3.11.3 Impact Analysis**

5 ***a) and b) Result in the loss of availability of (a) a known mineral resource that***
6 ***would be of value to the region and the residents of the State, OR (b) a locally***
7 ***important mineral resource recovery site delineated on a local general plan,***
8 ***specific plan or other land use plan?***

9 **No Impact.** The Project site is not located within any Mineral Resource Areas identified
10 in the City of Antioch General Plan (2003) or in the California Geological Survey Digital
11 Archive (accessed December 2014). The Project would not result in the loss of
12 availability of a known mineral resource of value to the region and the residents of the
13 State, or a locally important mineral resource recovery site delineated on a local general
14 plan, specific plan, or other land use plan. Therefore, there would be no impact.

15 **3.11.4 Mitigation Summary**

16 The Project would not result in significant impacts to Mineral Resources; therefore, no
17 mitigation is required.