1 **3.18 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>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<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>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<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>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d) Have sufficient water supplies available to serve the Project from existing entitlements and resources, or are new or expanded entitlements needed?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<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>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>f) Be served by a landfill with sufficient permitted capacity to accommodate the Project's solid waste disposal needs?</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>g) Comply with federal, state, and local statutes and regulations related to solid waste?</td>
<td>☐</td>
<td>☒</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

2 **3.18.1 Environmental Setting**

The Project will not change existing utilities or service systems. Therefore, setting information for existing utilities and service systems is not pertinent to the Project.

3 **3.18.2 Regulatory Setting**

4 3.18.2.1 Federal and State

5 No Federal laws pertain to mineral resources in this area. State laws and regulations pertaining to this issue area and relevant to the Project are identified in Table 3.18-1.
Table 3.18-1. Laws, Regulations, and Policies (Utilities and Service Systems)

<table>
<thead>
<tr>
<th>CA</th>
<th>Coastal Act Chapter 3 policies applicable to this issue area are:</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Section 30254 states: New or expanded public works facilities shall be designed and limited to accommodate needs generated by development or uses permitted consistent with the provisions of this division; provided, however, that it is the intent of the Legislature that State Highway Route 1 in rural areas of the coastal zone remain a scenic two-lane road. Special districts shall not be formed or expanded except where assessment for, and provision of, the service would not induce new development inconsistent with this division. Where existing or planned public works facilities can accommodate only a limited amount of new development, services to coastal-dependent land use, essential public services and basic industries vital to the economic health of the region, state, or nation, public recreation, commercial recreation, and visitor-serving land uses shall not be precluded by other development.</td>
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</tr>
</tbody>
</table>

Locally, a project is considered to have a significant impact on public facilities if it would generate substantial amounts of waste that exceed national standards or thresholds for waste generation or exceed existing landfill capacity. The SBC Solid Waste Thresholds states that any construction, demolition or remodeling project of a commercial, industrial or residential development that is projected to create more than 350 tons of construction and demolition debris is considered to have a significant impact on public services.

3.18.3 Impact Analysis

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

**No Impact.** Project activities will be limited to cable retrieval and installation activities and will not result in an exceedance of RWQCB waste water treatment requirements.

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.** Project activities will be limited to cable retrieval and installation activities and will not include any changes to the existing wastewater systems at the LFCPF or Project platforms. Wastewater services for these activities will likely be provided by portable toilets and by existing systems on Project vessels or platforms.
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?

Less than Significant with Mitigation. No new or expansions of existing drainage facilities are proposed. As discussed in Section 3.4, Biological Resources (Marine), and Section 3.10, Hydrology and Water Quality, if freshwater seepage is encountered inside the cable tunnel, collection and discharge of that water will occur into the existing concrete trapezoidal ditch (and eventually Corral Creek, which drains to the Pacific Ocean). Per the County, a permit is not required to discharge accumulated seepage, as it is considered routine maintenance under the County’s existing permit and included within the operating procedures manual, which is regularly reviewed by the County (Louie pers. comm., 2014). Any potential impacts due to other discharges associated with Project construction would be further reduced by MM WQ-2: Stormwater Pollution Prevention Plan (SWPPP), in which a site-specific SWPPP will be implemented during construction work. The SWPPP will be designed to control potential impacts to existing drainages during construction. Following construction activities, no impacts to existing drainages would result. Impacts would be less than significant.

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

No Impact. No additional water supplies will be necessary for Project completion. Water requirements during construction activities would be minimal and limited to the needs of work crews.

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. As noted above, Project activities will be limited to cable retrieval and installation activities. Wastewater services for these activities will likely be provided by portable toilets and by existing systems on Project vessels or platforms.

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

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

f) and g). Less than Significant with Mitigation. Construction waste will be generated in two areas, offshore and onshore. The offshore waste would be generated from typical construction activities associated with platform and vessel operation. In addition to
general types of waste, offshore solid waste would include the recycling of the retrieved
cables from shore to the OCS break.

Offshore (SYU Platform and Vessel-Generated) Solid Waste. Waste generated at
the Project platforms and offshore vessel will be handled in the same fashion as current
platform waste. All construction waste will be characterized and profiled as required by
existing permits associated with the platforms. Waste associated with the construction
activities on the platforms is expected to be non-hazardous. Non-hazardous waste will
be transported by supply boat to Port Hueneme where it will be placed on a truck and
transported to the Clean Harbors facility in Bakersfield. The primary solid waste
generated from the Project would be from recycling of cables retrieved from shore to the
OCS break and adjacent to Platform Harmony and Heritage (approximately 10.6 miles
[17.1 km] and 2 to 8 miles [12 to 13 km] respectively). This would generate
approximately 950 tons of non-hazardous recyclables (based on a weight of 30 to 40
pounds per foot of replaced cable). This exceeds the SBC threshold of 350 tons for
construction or demolition debris. However, according to ExxonMobil, the cables will be
dis-assembled and divided into recyclable and non-recyclable materials. A private
recycling facility (Standard Industries in Ventura) has been identified to recover all
usable components and send the remaining waste material to an approved disposal
facility. ExxonMobil shall implement the following MM to reduce waste to below 350 tons
thereby reducing the impact to public services to less than significant with mitigation.

MM WASTE-1: Recycling Feasibility Analysis. ExxonMobil shall submit a
Recycling Feasibility Analysis for review and approval by Santa Barbara County
and California State Lands Commission staffs 60 days prior to commencement of
Project activities, for the installed cables in State waters. Unless otherwise
supported by the analysis, ExxonMobil or assigned contractor will be required to
recycle the out-of-service cables to the extent feasible. The analysis shall include
tests of cable recycling at a selected recycle company and determine any
conditions and/or limitations to recycling.

Onshore LFCPF Construction-Generated Solid Waste. LFCPF Project-generated
waste will be handled the same way that current LFCPF construction waste is handled.
All construction waste will be characterized and profiled as required by existing permits
associated with the LFCPF. Waste associated with the construction activities on the
platforms is expected to be non-hazardous. Following Project completion, no additional
waste will be generated. Conditions would revert to pre-project conditions which would
be covered under the operational plans of the existing LFCPF and platforms. Solid
waste disposal for the LFCPF and on the offshore platforms is currently in compliance
with all required statues and regulations. Therefore, impacts associated with solid waste
would be less than significant. All residual non-hazardous waste will be transported by
truck to either the Tajiguas Landfill in SBC or the Simi Valley Landfill in Ventura County.
3.18.4 Mitigation Summary

Implementation of the following mitigation measures will reduce potential impacts to utilities and service systems to less than significant:

- MM WASTE-1: Recycling Feasibility Analysis.
- MM WQ-2: Stormwater Pollution Prevention Plan (SWPPP) (see Section 3.10.3).