

Sustainability Opportunities Assessment

As a component of the Port of Oakland’s (“Port”) Sustainability Policy (i.e., Port Resolutions 20467 and 01346), this form is required to be completed by Port staff (for Port operations and development programs) or third parties (e.g., Port tenants or developers of private property within the Port Area) for all Port operations and development programs within the Port Area or on Port property. Please document features and measures incorporated into the operation or development program to comply with regulatory/code requirements, and opportunities to implement features and measures that may exceed regulatory requirements. Discuss any features and measures considered but not included in the operations or development program. Use the categories below to identify features and measures to promote sustainability during both construction and long-term operations. Where applicable, describe how features and measures address multiple sustainability opportunity categories.

Category	Project Name:	Project/File #:	Prepared/Updated By:	Date:
<p>Energy Sources Discuss potential alternative energy sources that could provide energy for the operation or development program (e.g., solar, wind, etc.), including the potential for on-site energy generation. Where applicable, discuss systems or features to promote enhanced energy reliability and resiliency including back-up systems, micro-grids, distributed energy systems, etc.</p>				
<p>Energy Efficiency Detail development program design features to maximize energy efficiency. Examples include building designs that minimize heating and cooling needs, and traffic layouts that minimize idle time. Port utilities has an incentive program for surpassing the local building codes, lighting, variable speed motors, and other energy efficiency design features.</p>				

<p>Materials Describe how materials used to complete the development program (and materials generated during any demolition) will be managed to promote sustainability, noting locally-sourced materials, recycled materials, and materials whose production is otherwise more sustainable than conventional options.</p>	
<p>Water Conservation and Water Quality Describe opportunities to conserve water (e.g., use of recycled water, rainwater harvest/use, water-efficient landscaping, waterless urinals, low-flush toilets, etc.) and improve water quality (such as green roofs).</p>	
<p>Alternative Fuel Equipment and Vehicles Note whether the operation or development program can include electric vehicle charging stations and/or bicycle parking, whether it will make use of electric equipment or equipment that utilizes compressed natural gas, etc.</p>	
<p>Air Quality Discuss operations or development program features that will improve or reduce impacts to air quality. Examples include emissions control equipment and measures to minimize dust.</p>	

<p>Climate Change Describe opportunities or features in the operation or development program design to adapt to climate change such as extreme heat, sea level rise, and 100-year storm event (e.g., constructing higher foundations for new construction, installing green roofs to manage buildings from extreme weather, etc.). Review the Port’s AB 691 Sea Level Rise Assessment: https://www.portofoakland.com/community/environmental-stewardship/publications/. Also visit other resources for potential adaption strategies including, without limitation: EPA - https://www.epa.gov/arc-x/strategies-climate-change-adaptation; State Lands Commission - https://www.slc.ca.gov/ab691/; ART - http://www.adaptingtorisingtides.org/project/regional-sea-level-rise-mapping-and-shoreline-analysis/</p>	
<p>Other Sustainability Opportunities Use this section to describe sustainability opportunities that do not fit into categories above, such as design elements that minimize the need for maintenance, and habitat protection and restoration.</p>	