




2011

Significant Aspects, Related Objectives and Targets for Matson Vessels

Environmental Impact	Significant Aspect	Objective	Target
 <p>AIR POLLUTION AND CLIMATE CHANGE</p>	<p>Consumption of cylinder lubricating oil and bunker fuel for main engine and generator operation</p>	<p>Conserve fuel and reduce impacts to air quality</p>	<ul style="list-style-type: none"> • Achieve 90% compliance with Port of Long Beach speed reduction program to 20nm. • Achieve 100% compliance for <i>Manoa</i> with Port of Seattle ABC Fuels Program. • Install shore power equipment on <i>Maunalei</i>, <i>RJ Pfeiffer</i> and <i>Mokihana</i>. • Apply new silicone-based hull paint on <i>Maunalei</i> and <i>Manoa</i> (Note: will also reduce potential invasive species hull fouling). • Complete turbine rotor and nozzle block replacement project for two steamships: <i>Mau</i>i and <i>Kau</i>ai.
 <p>INVASIVE SPECIES</p>	<p>Using ballast water for trim and stability</p>	<p>Reduce the risk of invasive species introduction from ballast water discharges</p>	<ul style="list-style-type: none"> • Continue operation and testing of Ecochlor system on the <i>Moku Pahu</i>.
 <p>SOLID WASTE</p>	<p>Waste generation from housekeeping and operations</p>	<p>Increase percentage of solid waste which is recycled</p>	<ul style="list-style-type: none"> • Implement aluminum and cardboard recycling for CLX1 vessels and investigate additional recycling opportunities in Guam.

Environmental Aspect — An element of Matson’s activities or services that can interact with the environment.

Environmental Impact — Any change to the environment, whether adverse or beneficial, wholly or partially resulting from Matson’s activities or services.

Environmental Objective — An overall environmental goal, arising from the environmental policy, that Matson sets to achieve and which is quantifiable where practicable.

Environmental Target — A detailed performance requirement, quantified where practicable, applicable to Matson that arises from the environmental objectives which need to be set and met in order to achieve those objectives.