

December 16, 2011

To: Executive Board

Subject: **ESMS Update: Objectives, Targets, and Programs**

**Recommendation**

To receive and file the Environmental and Sustainability Management System (ESMS) Update outlining the objectives, targets, and programs.

**Background**

Foothill Transit was accepted into the 2011 Federal Transit Administration (FTA) ESMS program for transit agencies. An ESMS is a comprehensive set of procedures that manages and measures an organization’s environmental impacts in a strategic and documented manner. The ESMS is currently being implemented at the Arcadia Operations and Maintenance Facility.

The ESMS follows a “plan, do, check, act” continuous cycle of implementation. In June 2011, the Executive Board took the first step and enacted the Foothill Transit Environmental Policy, which serves as written communication of Foothill Transit’s commitment to the protection of the environment and to the prevention of pollution. The policy also provides a framework for documenting, implementing, and maintaining the ESMS. The adopted Environmental Policy requires that Foothill Transit identify and minimize “significant environmental impacts by establishing environmental and sustainability objectives, targets, and programs.”

For the purposes of the Foothill Transit ESMS, an “objective” is an environmental goal stated in the Foothill Transit Environmental Policy. A “target” is the detailed performance requirement that arises from the environmental objective. A “program” describes how the objective and target will be achieved.

Below is a snapshot of the five (5) identified significant environmental aspects and corresponding objectives and targets set to minimize them. Foothill Transit will implement and maintain the following environmental programs to manage and ensure progress towards the objectives and targets.

Aspect	Objective	Target	Program
1. <b>CNG Fuel Releases While Fueling</b>	Reduce leaks and spills while fueling CNG buses and cars.	Reduce by 50% by volume by 07/01/2012.	Establish, implement, and maintain a fueling SOP, internal controls, and training program.

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Aspect	Objective	Target	Program
<b>2. Contaminated Fluids and Absorbents</b>	Reduce amount of hazardous waste generated.	Reduce by 20% by volume by 07/01/2012.	Identify vendor-related reductions and alternate products.
<b>3. GHG Emissions</b>	Reduce GHG emissions associated with energy consumption.	Reduce by 20% by 07/01/2012.	Install and maintain solar energy system.
<b>4. Storm Water Runoff</b>	Develop a training program for existing SWPPP.	100% employees trained and tested on comprehension by 09/01/2012.	Review, implement, and train on SWPPP.
<b>5. Fuel Consumption from Idling</b>	Reduce fuel consumption from idling.	Reduce fuel consumption by 10% in time spent idling 07/01/2012.	Implement and enforce Anti-Idling SOP for all Foothill Transit logoed vehicles.

**Budget Impact**

The training workshops, on-site technical support visits, resources, and consultation from FTA and Virginia Tech necessary to implement this program do not impact Foothill Transit's budget; however, travel and accommodation costs for workshop participation in Virginia are included in the approved FY 2012 budget.

Sincerely,



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 Sustainability Manager



Doran J. Barnes  
 Executive Director