

## P.1 Collaborating to Facilitate Enhanced Platforms for Discussion and Information Sharing Between the Community and the Port of Stockton

*Description of Proposed Actions:* Port of Stockton will establish recurring Community Environmental Committee (CEC) to build collaboration, improve dialogue between concerned citizens in community and environmental justice organizations to allow them a forum to raise awareness of health-related concerns regarding emissions from existing and future operations at the Port of Stockton. Goals of CEC will be to encourage additional community engagement, bring community insights to the Port's environmental improvement efforts, and work on select environmental projects within Port's jurisdiction to help preserve, protect, and improve the environment. Prospective projects that would be brought before the CEC include:

- Discussion of future Port of Stockton projects and expansion
  - Port of Stockton emission reduction strategy development
  - Environmental event planning
  - Community outreach support
  - Program development
- Utilizing Port's website to broadcast outward-facing communications through quarterly updates, and add functionality for submitting comments, questions, and complaints
  - Providing routine updates to CSC regarding ongoing projects happening at Port

## P.2 Incentive Program for Deployment of Clean Heavy-duty Mobile Equipment Operating at Ports, Intermodal Railyards and Distribution Centers

*Description of Proposed Actions:* The goal of this strategy is to reduce emissions from old, high-polluting diesel engines in heavy-duty mobile off-road equipment operating at the Port of Stockton. Diesel pollution from on-road and off-road operations greatly impacts the health of the community surrounding the Port. Funding will be offered to replace diesel mobile cargo handling equipment used to handle cargo or perform routine maintenance activities at the Port with new, zero and near-zero emissions technologies. Based on CSC priorities, zero-emissions will be prioritized for funding where applicable to the equipment type. Established methodology through the Carl Moyer Program will be used to quantify the emission reductions for funded projects, but an estimate of potential project reductions is summarized below.

*Budget Amount:* \$2,000,000

*Quantifiable Emissions Reductions:* Estimated emission reductions associated with this measure includes up to 2 tons of NOx

## P.3 Tug Boat Replacement/Repower

*Description of Proposed Actions:* The goal of this strategy is to reduce emissions from old, high-polluting diesel engines in tugboats operating at the Port of Stockton. Diesel pollution from freight transport operations greatly impacts the health of the community surrounding the Port. Funding will be offered to repower the existing propulsion and auxiliary engines with new diesel engines. The new engines will have the highest tier rating available that will fit within the confines of their engine compartments. Established methodology through the Carl Moyer Program will be used to quantify the emission reductions for funded projects.

*Budget Amount:* \$1,000,000

*Quantifiable Emissions Reductions:* Estimated emission reductions associated with this measure includes up to 1 ton of PM and 29 tons of NOx

## P.4 Marine Exhaust Intake Bonnet Emissions Control

*Description of Proposed Actions:* The goal of this strategy is to reduce emissions from the diesel engines of marine vessels while berthed at the Port of Stockton. Diesel pollution from freight transport operations greatly impacts the health of the community surrounding the Port. Funding will be offered to purchase and install a marine vessel exhaust capture and control system. This system will work with marine vessels to reduce PM and NOx emissions while at berth. Available exhaust capture and control systems can reduce PM2.5 up to 95% and NOx up to 90%. Emission reductions for these projects will be quantified using state approved calculation methodology.

*Budget Amount:* \$2,000,000

*Quantifiable Emissions Reductions:* Estimated emission reductions associated with this measure includes up to 68 tons of NOx