



Greenhouse Gas Emissions Reduction Mitigation Grant Program Final Construction Report

Note to Grant Recipients: This report will supply the Port with information about the completion of your GHG Grant project. We are interested to know about project successes, problems, and measures that you will take to ensure the project meets or exceeds the useful life described in your grant application. Now that your project is finished, we want to know what kind of metrics you will use, and the frequency of those measurements, to determine the effectiveness of your project in reducing greenhouse gas emissions. Use as much space as you need for each field; there is no page limit. For more information, please contact the Port's GHG Grant program manager at (562) 283-7100.

General Information	
Grant Recipient Organization Name	Long Beach Search & Rescue Inc.
POLB Contract Number	HD-8129
Grant Project Title	Solar-Powered LED Lighting Trailer

Expenditures	
Total Grant Award	\$26,510.00
Total POLB Grant Funds Expended	\$26,440.81
Total POLB Grant Funds Invoiced to Date	\$26,440.81
Total Project Cost	\$26,440.81
Will you be applying for a rebate?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, amount:

Project Completion Evaluation	
What was the project completion date?	03/14/2013
On a scale of 1 to 10, how satisfied were you with the project implementation?	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input checked="" type="radio"/> 10
Were the project costs the same as what you expected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, they were less <input type="checkbox"/> No, they were more
Would you recommend this type of project to an agency or organization similar to yours?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Describe any significant problems you had in implementing this project. What were the notable successes?	There were no problems implementing this project. The Solar-Powered LED Lighting Trailer was delivered soon after the order was placed. The unit responded to one lighting request to date, replacing the use of an older lighting trailer that emitted greenhouse gases.
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Metrics and Measurements	
What metric will you use to determine the effectiveness of your project in reducing, capturing, or avoiding GHG emissions? How will it be calculated?	The effectiveness will be demonstrated by a 25% reduction in fuel and maintenance costs for the diesel-powered lighting trailer currently in use as well as deploying this resource to 100 % of lighting requests from emergency services.
How frequently will you be collecting these measurements?	<input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Other:
If your project has an educational aspect, what type of data will you collect to determine its effectiveness?	N/A

Project Maintenance	
What type of maintenance will you conduct to ensure that your project produces GHG emission reduction benefits throughout or beyond the warranted or predicted life of the equipment/materials?	This trailer is designed to have little to no maintenance. The trailer will be maintained by staff at Long Beach Search & Rescue Inc. to include maintaining proper tire inflation and tread, storing the trailer inside when not in use to prevent wear from the elements, and keeping the trailer clean to reduce corrosion.
How often will you need to perform maintenance on your project?	<input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Yearly <input type="checkbox"/> Other:

You may attach documentation relating to the completion of your project. This documentation may include receipts, invoices, meeting sign-in sheets, photographs, fliers, media coverage, educational materials, or presentations.

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