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## LACMTA Sustainability Program

### State of California – Water Efficiency Grant Application

#### LACMTA - Maintenance Facility Water Fixture Replacement Program

#### Project Work Plan

December 11, 2014

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LACMTA has been implementing a number of behavioral and no-low cost water measures across their maintenance facility portfolio to meet the increasing need to save potable water. Capital funding has been applied for many times for water saving projects but due to competition from mandatory end of life replacements and more lucrative energy efficiency, these projects have failed to receive funding.

As part of LACMTA's pursuit of LEED EBOM certification many aerators have been installed, which are one of the many low-no cost measures being implemented. Surveys from DWP's Energy Efficiency Technical Assistance Program and the LEED Certification process have found considerable savings are available from a capital intensive replacement of water fixtures such as toilets, urinals and faucets.

The proposed Maintenance Facility Water Fixture Replacement Program builds on these findings by providing funding to comprehensively realize this resource and cost saving opportunity that would otherwise never be implemented.

The replacement of water fixtures across the maintenance facility portfolio will be a 4 step process, which will repeat 3 times for each phase of the project:

1. Inventory remaining facilities to finalize counts and develop tailored solutions for each facility
2. Finalize scope of work (i.e. number of toilet replacements), costs and resource (energy & water) savings
3. Select, procure & install water fixtures
4. Perform Measurement & Verification of water savings using utility bill analysis

There will be no requirement for permits or environmental approvals as a result of this project.