



# California Regional Water Quality Control Board Los Angeles Region

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Edmund G. Brown Jr.  
Governor

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Secretary for  
Environmental Protection

November 15, 2011

Gary Hildebrand, Assitant Deputy Director  
Watershed Management Division  
Department of Public Works, Country of Los Angeles  
900 S. Fremont Ave.  
Alhambra, CA 910803

**CERTIFICATION OF THE COANDA SCREENS AS A FULL-CAPTURE DEVICE UNDER PART 7.1 TRASH TMDL OF THE LOS ANGELES COUNTY MUNICIPAL STORM WATER AND URBAN RUNOFF DISCHARGES PERMIT (Order No. 01-182, NPDES Permit No. CAS004001)**

Dear Mr. Hildebrand:

We have reviewed your letter of September 22, 2011, and the accompanying report entitled, *Technical Report Coanda Screen Design Application for Full Capture TMDL Compliance, May 2011*, requesting certification for the Coanda Screens (by Coanda, Inc.) as full-capture device under Part 7.1 section B(1)(a)1 of the Trash Total Maximum Daily Load (TMDL) of the Los Angeles County Municipal Storm Water and Urban Runoff Discharges Permit (Order No. 01-182, as amended by Order No. R4-2009-0130).

Pursuant to Part 7.1, section B(1)(a)1 of Order No. 01-182, the undersigned hereby certify that Coanda Screens are deemed a full-capture device under the Trash TMDL.

Regional Water Quality Control Board, Los Angeles Region (Regional Board) staff review of the technical report and video show that the Coanda Screens satisfy the three criteria for a full-capture device:

1. Devices that traps all particles retained by a 5-mm mesh screens.
2. Design treatment capacity of not less than the peak flow resulting from a one-year, one-hour storm in the sub-drainage area, and
3. Essential technical information provided for adequate evaluation of the said full capture device.

In addition, Coanda Screens are comparable with previously certified full capture devices such as the connector pipe screens and vertical and horizontal capture screen inserts.

*California Environmental Protection Agency*

The Regional Board shall review and consider performance data on a continuing basis of all full-capture devices.

In the event that data demonstrate these devices are not performing to the full-capture standard set forth by the Trash TMDL, the Regional Board Executive Officer reserves the right and ability to rescind the certification for subsequent installations that are determined to be inadequate.

If you have any questions, please call Carlos D. Santos at (213) 620-2093.

Sincerely,



Samuel Unger, P.E.  
Executive Officer

cc: Bruce Fujimoto, Division of Water Quality, State Water Board  
Jennifer Fordyce, Office of Chief Counsel, State Water Board  
Shahram Kharaghani, City of Los Angeles, WPD, Bu. of Sanitation