

COANDA CHANNEL SCREEN

THE SOLUTION FOR REMOVING TRASH & DEBRIS FROM LARGE CHANNELS



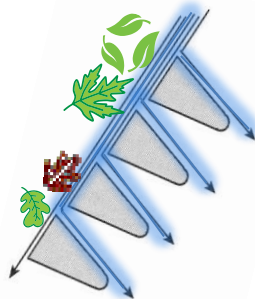
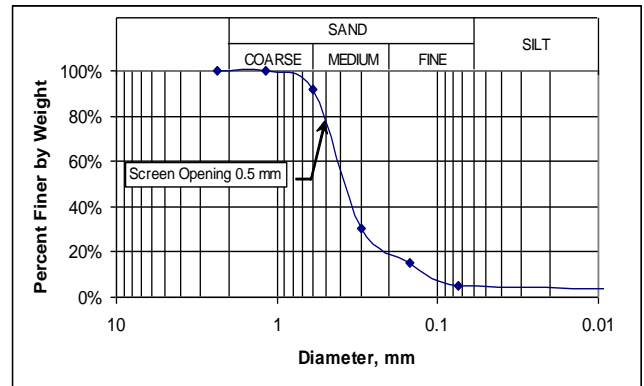
The COANDA Channel Screen is a storm water BMP employing stainless steel wedge-wire technology, ideally suited for handling large quantities of debris-laden water in flowing streams. Each Coanda Channel Screen is fully engineered for each application and peak flow rate, designed to operate either on-channel or off-channel. This BMP meets the Caltrans definition of a Gross Solids Removal Device (GSRD) and the requirements of a full capture treatment system defined by the Los Angeles River TMDL for trash. It meets all California building code standards.



- ❖ Designed to provide full treatment at peak flow
- ❖ Removes all debris larger than fine sand
- ❖ Captures nutrients, metals and organic matter with the debris
- ❖ Instantaneous debris removal - debris dries quickly in the all-weather debris compartment where it can be readily removed with hand tools or moving equipment
- ❖ Maintenance-free 100% stainless steel construction
- ❖ Engineered for each application and easily installed
- ❖ No moving parts
- ❖ Does not clog and will not fail



Particulate Removal
The COANDA filter removes everything larger than fine sand.



The COANDA Effect

The edge of the COANDA Screen creates a shearing action as water flows across its surface, diverting water through the screen while dewatered debris slides off the face and falls downward into the debris compartment.

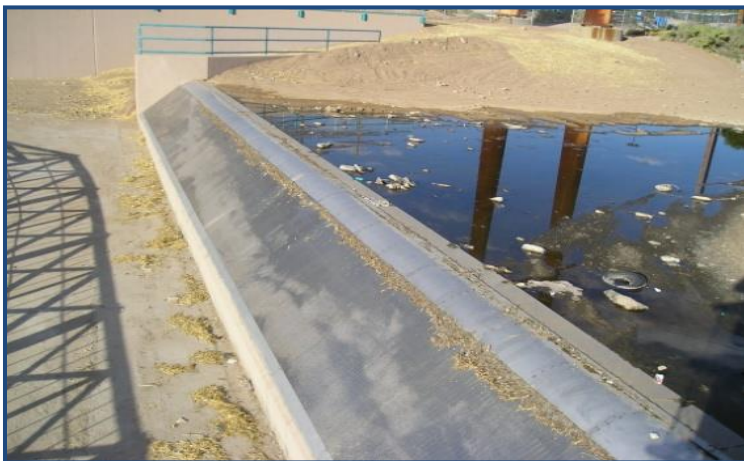
 **COANDA, Inc.**

3943 Irvine Blvd. # 327 ♦ Irvine, CA 92602
(714) 389-2113 ♦ www.COANDA.com

**FULL CAPTURE COANDA SCREENS
WITH *TILTED* WEDGEWIRE TECHNOLOGY**



CURB INLETS



CHANNEL SCREENS

COANDA has
FULL CAPTURE CERTIFICATION
by the LA County Quality Control Water Board
with specific approvals in state, county and local
jurisdictions.

Coanda meets Caltrans definition of a
GROSS SOLIDS REMOVAL DEVICE (GSRD).
All products comply with national building codes.

In addition, COANDA screens:

- ✿ Have very high hydraulic capacity
- ✿ Capture nutrients, metals and organic matter with the debris
- ✿ Have self-cleaning screens with easy access for debris removal
- ✿ Have no moving parts
- ✿ Do not clog and will not fail
- ✿ Are maintenance-free 100% stainless steel construction
- ✿ Are designed to provide full treatment at peak flow
- ✿ Remove all debris larger than fine sand including Nurdles



PATENTED TILTED WEDGEWIRE TECHNOLOGY

US Patent Nos. 6,705,049, 7,258,785, 7,300,590, 7,584,577, 7,805,890
Other patents pending Nov 2012