

**BALLONA CREEK WATERSHED
TRASH TOTAL MAXIMUM DAILY LOAD MONITORING AND ANNUAL REPORT
IMPLEMENTATION YEAR 7
OCTOBER 1, 2009, to SEPTEMBER 30, 2010**

Background

On August 1, 2002, the Ballona Creek Trash Total Maximum Daily Load (TMDL) was approved and adopted. On February 8, 2005, a Regulatory Action was approved to amend and revise the TMDL. The TMDL implementation schedule requires a 10 percent progressive reduction of the trash baseline load each year starting two years (2004) after approval of the TMDL until the numeric target of zero trash is achieved (2015).

Potential Point Sources and Responsible Jurisdictions

There are 5 County unincorporated communities, 6 cities, and 367 catch basins that collect runoff from the County unincorporated communities within the Ballona Creek Watershed (attached Implementation Areas Map). Unincorporated communities make up 4.8 percent of the Ballona Creek Watershed. Pursuant to the TMDL, the County is responsible for the point-source trash contributed by the County unincorporated communities within the Ballona Creek Watershed.

Monitoring and Reporting

In February 2004 the County submitted the Trash Baseline Monitoring Report for the Ballona Creek Watershed as required by the initial TMDL. Five land-use categories were monitored, and a baseline waste-load allocation value was calculated based on the monitoring results.

In April 2007, after extensive research, testing, and development, the County submitted a Full-Capture Device Technical Report¹ for the connector pipe screen (CPS) device to the California Regional Water Quality Control Board, Los Angeles Region (Regional Board). The CPS device² was subsequently certified by the Regional Board as an approved full-capture device on August 1, 2007. According to the Regional Board, "a full-capture system is any single device or series of devices that traps all particles retained by a 5-millimeter mesh screen (100 percent trash removal) and has a design treatment capacity of not less than the peak-flow rate resulting from a one-year, one-hour, storm in the subdrainage area" (Resolution No. 04-023).

This status report is being submitted in accordance with the TMDL as part of the Annual Stormwater Monitoring Report. It should be noted that the previous report for

¹ Technical Report - Connector Pipe Screen Design (Full-Capture TMDL Compliance, Screen and Bypassing Sizing Requirements). Dated April 2007.

² The list of Executive Officer-approved full-capture systems is available at the following site:
http://www.waterboards.ca.gov/losangeles/water_issues/programs/tmdl/full_capture_certification.shtml

Implementation Year 6 sited 310 catch basins within the unincorporated communities of the Ballona Creek Watershed. The total number of basins within the community differs from that cited in the original implementation report due to catch basins newly identified during field investigations, catch basin ownership adjustments, and jurisdictional and geographical boundary adjustments.

Implementation Strategy

The County's implementation strategy is to install full-capture devices in all feasible catch basins within the unincorporated areas of the County. Partial-capture devices or other alternatives may be considered for installation in catch basins where the installation of full-capture devices is not feasible due to the negative impacts these devices may have on the flood control capacity. The installation of these devices is being completed in phases to address the required compliance deadlines and with the initial phases being located in the highest trash generating areas.

Completed Full-Capture Retrofits

To date two phases have been implemented. The initial phase (Phase 1) was completed in December 12, 2008, with the installation of 233 CPS devices. These installations yielded a 64.6 percent reduction in the baseline waste-load allocation for the County. The next phase (Phase 2) was completed in December 1, 2009, with the installation of 101 CPS devices. These installations yielded a total of 86.9 percent reduction in the baseline waste-load allocation.

Summarily, the County has achieved a total 86.9 percent reduction to date with the installation of 334 full-capture devices for all of the County unincorporated areas within the Ballona Creek Watershed (attached Table 1).

Future Full-Capture Retrofits

Planning efforts are currently underway to retrofit the remaining 33 catch basins with full-capture devices. Such project(s) will be implemented when deemed feasible.



RJG:jtz

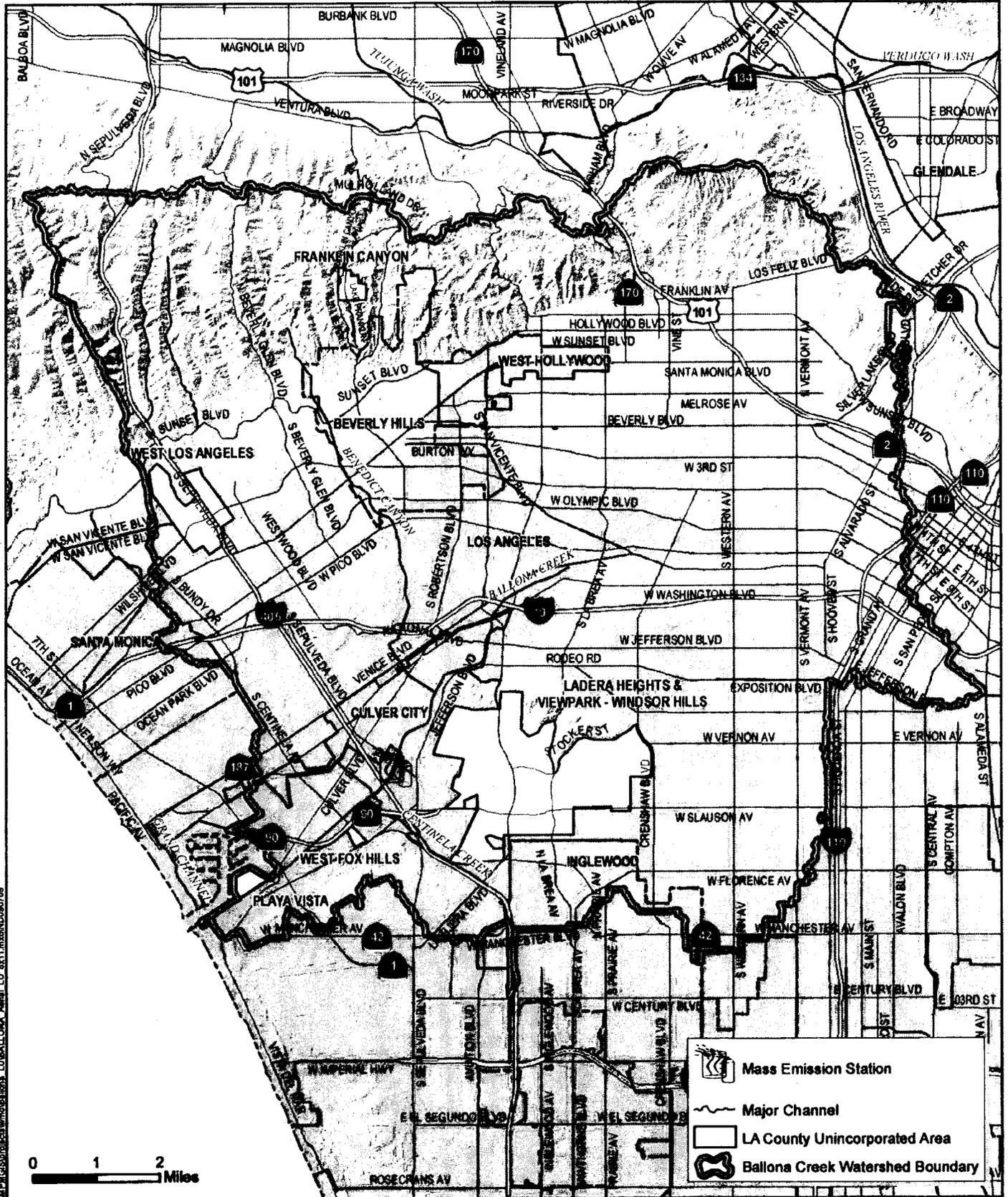
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Attach.



BALLONA CREEK WATERSHED

Unincorporated County Areas



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**Ballona Creek Trash TMDL
County Unincorporated
Full-Capture Catch Basin Retrofit**

Table 1 – Percent Reduction of the Trash Baseline

Implementation Area ¹ for Ballona Creek County Unincorporated	Trash Generation Rate ² (%)	Total Catch Basins	Total Catch Basins Retrofitted with Full-Capture Devices	Trash Reduction ³ (%)
1 – Trousdale Estates	N/A	0	N/A	N/A
2 – West Los Angeles	19.58	17	14	16.12
3 – Baldwin Hills	77.20	349	320	70.79
4 – Playa Vista	3.22	1	0	0.00
5 – West Fox Hills	N/A	0	N/A	N/A
Totals:	100.00	367	334	86.91

¹ The Implementation Areas are comprised of unincorporated communities within the Ballona Creek Watershed that are close in proximity.

² The trash generation rates for each Implementation Area were based on the waste-load allocation. The allocation was determined by previous monitoring results of the various land-use categories.

³ Reduction % = (No. of Full-Capture Retrofits) / (Total Basins in Impl. Area) * (% Trash Generation)