Attachment J-2

LOS ANGELES RIVER WATERSHED
TRASH TOTAL MAXIMUM DAILY LOAD MONITORING AND ANNUAL REPORT
IMPLEMENTATION YEAR 7
OCTOBER 1, 2013 to SEPTEMBER 30, 2014

Background

The Los Angeles River Trash Total Maximum Daily Load (TMDL) was adopted by the Regional Board on August 9, 2007 and became effective on September 23, 2008. The TMDL implementation schedule requires progressive reduction of the trash baseline load each year starting from a 40 percent reduction in 2008 until the numeric target of zero trash is achieved. The final compliance date of zero percent of the baseline load must be achieved by September 30, 2016.

Responsible Parties

The Los Angeles River Watershed is comprised of 44 cities and 33 County of Los Angeles (County) unincorporated communities. Pursuant to the TMDL, the County is responsible for the point-source trash contributed by the unincorporated communities within the watershed, which make up 8 percent of the watershed.

Implementation Report

On March 23, 2009, the County submitted a Trash Implementation Report (Implementation Report) for the unincorporated communities located within the Los Angeles River Watershed. As discussed in the Implementation Report, the County is responsible for operating and maintaining 4,289 catch basins that collect run-off from the unincorporated communities, which were geographically grouped into 17 implementation areas (see attached Implementation Area Map).

Implementation Strategy

The County's strategy is to retrofit 4,289 catch basins with full-capture devices. The installation of the devices is being completed in phases to address the required compliance deadlines, with the initial phases being located in the highest trash generating areas.

The full-capture device utilized by the County was certified by the Regional Board on August 1, 2007. The County had conducted extensive research, testing, and development for its connector pipe screen (CPS), and submitted a Full-Capture Device Technical Report to the Regional Board in April 2007. The CPS captures particles retained by a 5-millimeter mesh screen and has a design treatment capacity of no less than the peak-flow rate resulting from a one-year, one-hour storm.

Status Reporting

In accordance with the TMDL, the County submitted annual status reports along with the Annual Storm Water Monitoring Report from 2009 to 2012, and with the County's Individual Annual Report for the Municipal Stormwater Permit beginning in 2013.

To date, the County has completed installation of full-capture devices in 4,134 catch basins and achieved a 96.4 percent of reduction. Installation was completed for 586 catch basins in Implementation Year 2; 1,841 catch basins were completed in Implementation Year 3; 654 catch basins were completed in Implementation Years 4 and 5; and 767 catch basins were completed in Implementation Year 6. In this reporting year or Implementation Year 7, the County completed installation of full-capture devices in 286 catch basins.

Maintenance

Catch basins that have been retrofitted are incorporated into a maintenance contract that provides routine inspection and cleaning. Inspections are conducted once a month between October and April and after each major storm event. Cleaning is conducted when catch basins are filled to 40 percent capacity. Between the months of May to September, catch basins are additionally inspected and cleaned out one time. The maintenance contract also includes repair and replacement of full-capture devices. For the last maintenance contracting period of August 2013 to April 2014, approximately 430,000 gallons of trash and debris were collected from retrofitted catch basins throughout County unincorporated communities.

Projects Underway

Planning efforts are currently underway to address the remaining 155 catch basins for a total of 4,289 catch basins with full-capture devices. The next phase, the Los Angeles River Trash TMDL Full Compliance Phase 8 Project, is anticipated to start construction in January 2015.

It should be noted that since the Implementation Report was submitted in 2009, additional catch basins have been identified during our investigation and identification process. The County is currently underway to design and retrofit the remaining 155 catch basins with full capture devices as well as address additional catch basins prior to the final compliance date.

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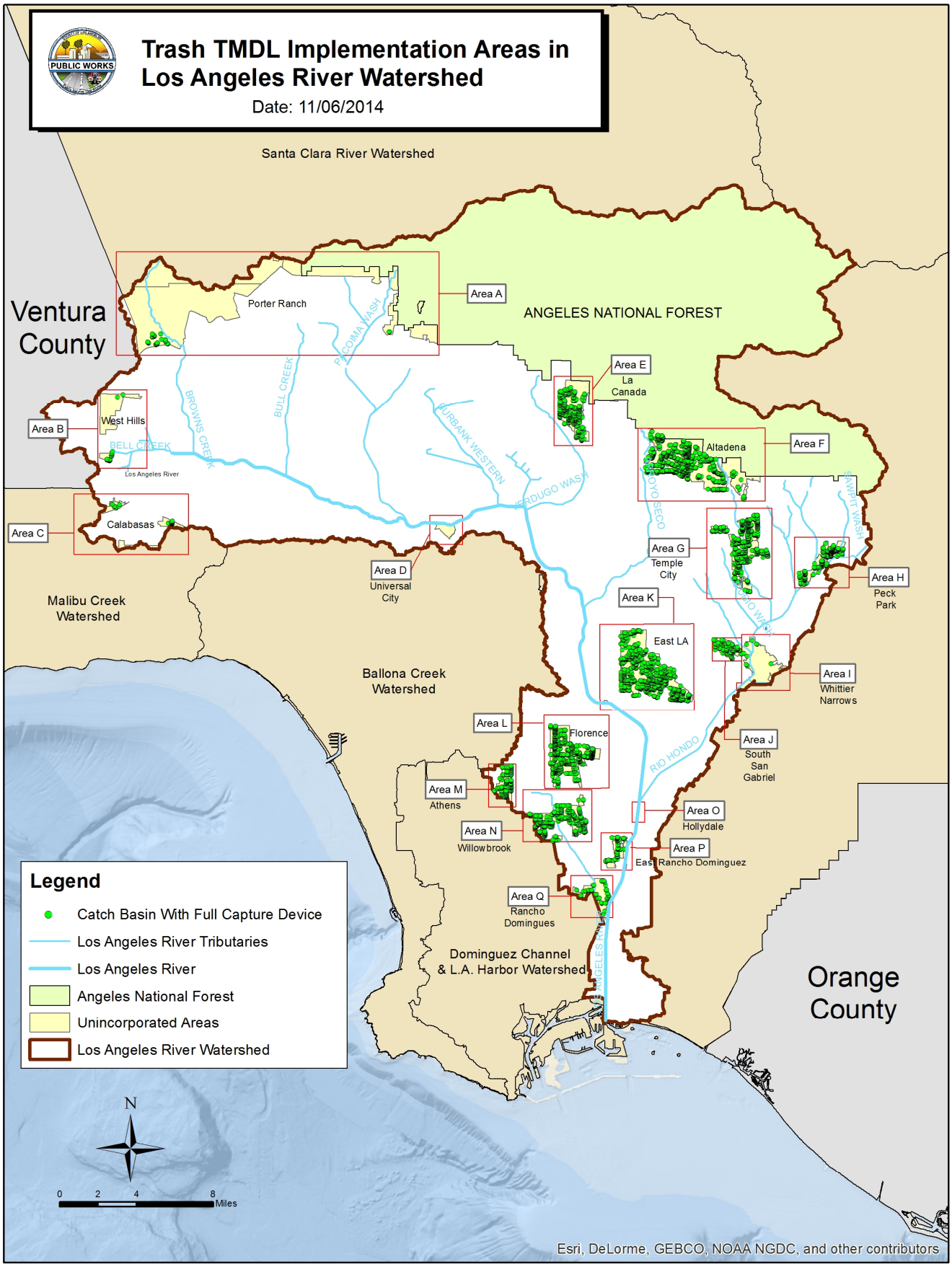
Trash TMDL Implementation Areas in Los Angeles River Watershed
Date: 11/06/2014
PUBLIC WORKS
Santa Clara River Watershed
Ventura County
ANGELES NATIONAL FOREST
Porter Ranch
Area A
Area B
West Hills
Area C
Calabasas
Area D
Universal City
Area E
La Canada
Area F
Altadena
Area G
Temple City
Area H
Peck Park
Area I
Whittier Narrows
Area J
South San Gabriel
Area K
East LA
Area L
Florence
Area M
Athens
Area N
Willowbrook
Area O
Hollydale
Area P
East Rancho Dominguez
Area Q
Rancho Domingues
BROWNS CREEK
BULL CREEK
PACOIMA WASH
BURBANK WESTERN
VERDUGO WASH
BELL CREEK
Los Angeles River
ARROYO SECO
SAWPIT WASH
RIO HONDO
Malibu Creek Watershed
Ballona Creek Watershed
Dominguez Channel & L.A. Harbor Watershed
Orange County
Legend
Catch Basin With Full Capture Device
Los Angeles River Tributaries
Los Angeles River
Angeles National Forest
Unincorporated Areas
Los Angeles River Watershed
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