

**Attachment A to Resolution No. R15-XXX**

**Proposed Amendment to the Water Quality Control Plan for the Los Angeles Region to revise the Los Angeles River Watershed Trash TMDL**

Proposed for adoption by the California Regional Water Quality Control Board, Los Angeles Region on June 11, 2015.

**Amendments:**

**7-2 Los Angeles River Watershed Trash TMDL**

This TMDL was adopted by:

The Regional Water Quality Control Board on September 19, 2001.

This TMDL was approved by:

The State Water Resources Control Board on February 19, 2002.

The Office of Administrative Law on July 16, 2002

The U.S. Environmental Protection Agency on August 1, 2002.

This TMDL was set aside by:

The Regional Water Quality Control Board on June 8, 2006.

This TMDL was remanded by:

The State Water Resources Control Board on July 19, 2006.

This TMDL was adopted by:

The Regional Water Quality Control Board on August 9, 2007.

This TMDL was approved by:

The State Water Resources Control Board on April 15, 2008.

The Office of Administrative Law on July 1, 2008.

The U.S. Environmental Protection Agency on July 24, 2008.

The effective date of this TMDL is: September 23, 2008.

This TMDL was revised by:

The Regional Water Quality Control Board on June 11, 2015.

This revised TMDL was approved by:

The State Water Resources Control Board on [insert date].

The Office of Administrative Law on [insert date].

If applicable, the U.S. Environmental Protection Agency on [insert date].

The following table includes all the elements of this TMDL.

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Table 7-2.1 Trash TMDL for the Los Angeles River and Its Tributaries: Elements

<b>Element</b>	<b>Key Findings and Regulatory Provisions</b>
<b><i>Problem Statement</i></b>	<p>Los Angeles River Reach 5, Reach 4, Reach 3, Reach 2, Reach 1, Los Angeles River Estuary, Tujunga Wash, Burbank Western Channel, Verdugo Wash Reaches 1 and 2, Arroyo Seco Reaches 1 and 2, Compton Creek, and Rio Hondo Reach 1 are included on the Clean Water Act Section 303(d) list of impaired waterbodies due to trash. These impairments were identified through an assessment of the waterbodies relative to the water quality objectives applicable to trash, which include “Floating Material” and “Solid, Suspended, or Settleable Materials” in Chapter 3 of this Water Quality Control Plan for the Los Angeles Region.</p> <p>Trash in the Los Angeles River, including its estuary, and its tributaries is causing impairment of beneficial uses. The following designated beneficial uses are impacted by trash: water contact recreation (REC1); non-contact water recreation (REC2); warm freshwater habitat (WARM); wildlife habitat (WILD), estuarine habitat (EST); marine habitat (MAR); rare and threatened or endangered species (RARE); migration of aquatic organisms (MIGR); spawning, reproduction and early development of fish (SPWN); commercial and sport fishing (COMM); shellfish harvesting (SHELL); wetland habitat (WET); and cold freshwater habitat (COLD).</p>
<b><i>Numeric Target</i></b> <i>(Interpretation of the numeric water quality objective, used to calculate the waste load allocations and load allocations)</i>	Zero trash in all waterbodies <sup>1</sup> .
<b><i>Source Analysis</i></b>	Stormwater discharges are the major source of trash in the river. Nonpoint sources (i.e., direct deposition of trash by people or wind into the water body) are also sources of trash loading to the Los Angeles River and its tributaries.
<b><i>Loading Capacity</i></b>	Zero
<b><i>Waste Load Allocations</i></b>	Baseline Waste Load Allocations (WLAs) for Phase I MS4 Permittees, including Caltrans, in the Los Angeles River Watershed are provided in Table 7-2.2. The TMDL requires phased reductions over a period of 9 years, from existing baseline loads to zero trash. Current and future enrollees in Phase II MS4 permits (including educational institutions) also have a final WLA of zero. <sup>2</sup>

<sup>1</sup> The numeric target of zero was established in 2001.

<sup>2</sup> Phase II MS4 facilities designated in the Statewide Phase II Small MS4 General Permit within the Los Angeles River Watershed at the time of the 2015 revisions to this TMDL include California State University, Los Angeles; California State University, Northridge; and University of California, Los Angeles (various offsite facilities).

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<p><i>Load Allocations</i></p>	<p>The Load Allocations (LAs) for nonpoint source trash discharges to the Los Angeles River, including the estuary, and its tributaries are zero. For nonpoint sources, zero trash is defined as no trash in the waters or parks, open space, or recreational facilities adjacent to the Los Angeles River, including its estuary, and its tributaries, immediately following each assessment and collection event consistent with an established Minimum Frequency of Assessment and Collection Program (MFAC Program), described below in “Implementation”. MFAC Programs shall be established at intervals that prevent trash from accumulating in deleterious amounts that cause nuisance or adversely affect beneficial uses between collections.</p> <p>LAs are assigned to entities that own and/or operate parks, open space, or recreational facilities adjacent to <u>or discharging to</u> the Los Angeles River or a tributary to the river, which include the County of Los Angeles; the Cities of Arcadia, Bell Gardens, Burbank, Compton, Cudahy, Downey, Long Beach, Los Angeles, Maywood, Montebello, Pasadena, Pico Rivera, and Rosemead; and the Los Angeles Equestrian Center, Mountains Recreation and Conversation Authority, San Gabriel Country Club, and the Arcadia Golf Course. <del>A LA is also assigned to the City of Santa Clarita as its drainage area within the Los Angeles River Watershed does not contain any MS4 infrastructure.</del><sup>3</sup> LAs may be assigned to additional entities that own and/or operate parks, open space, or recreational facilities adjacent <u>to or discharging trash</u> to the Los Angeles River or a tributary to the river in the future under appropriate regulatory programs.</p>
<p><i>Implementation</i></p>	<p><b>Point Sources</b></p> <p>TMDL Waste Load Allocations (WLAs) assigned to responsible agencies listed in Table 7-2.2 shall be implemented through the Los Angeles County Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) Permit, the City of Long Beach MS4 Permit, the Ventura County MS4 Permit, and the State of California Department of Transportation (Caltrans) MS4 Permit. WLAs assigned to Phase II MS4 permittees shall be implemented through the Statewide Phase II Small MS4s General Permit or other regional MS4 permit issued to the Phase II MS4 dischargers. WLAs shall also be implemented via the authority vested in the Los Angeles Regional Water Board by sections 13267 and 13383 of the Porter-Cologne Water Quality Control Act (Water Code section 13000 et seq.).</p> <p>(1) Compliance with the interim and final WLAs may be achieved through a full capture system. A full capture system (FCS) is any</p>

<sup>3</sup> Under the earlier version of this TMDL (2007) the City of Santa Clarita was assigned a WLA. This pre-existing WLA is now a load allocation (LA), which is still assigned to the City of Santa Clarita.

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	<p>device or series of devices that traps all particles retained by a 5 mm mesh screen and has a design treatment capacity of not less than the peak flow rate (Q) resulting from a one-year, one-hour, storm in the subdrainage area. The Rational Equation is used to compute the peak flow rate:</p> <p><math>Q = C \times I \times A</math>, where            Q = design flow rate (cubic feet per second, cfs);            C = runoff coefficient (dimensionless);            I = design rainfall intensity (inches per hour, as determined per the rainfall isohyetal map in Figure 7-2.A), and            A = subdrainage area (acres).</p> <p>The isohyetal map may be updated annually by the Los Angeles County hydrologist to reflect additional rain data gathered during the previous year. Annual updates published by the Los Angeles County Department of Public Works are prospectively incorporated by reference into this TMDL.</p> <p>The Executive Officer has authority to certify, as full-capture, any trash reduction system that meets the operating and performance requirements as described above.<sup>4</sup></p> <p>Permittees that choose to comply using full capture systems must demonstrate a phased implementation of full capture systems over a 9-year period until the final WLA of zero is attained. The WLA of zero trash discharged shall be deemed achieved if FCS have been installed on all conveyances discharging to the waterbodies or installed to address all the drainage within the Permittee’s drainage area to the Los Angeles River Watershed and the FCS are properly sized, operated, and maintained.</p> <p>Alternatively, in drainage areas where the vast majority of catch basins are retrofitted with FCS, the FCS are properly sized, operated, and maintained, and retrofit of the remaining catch basins is technically infeasible, responsible agencies may request that the Executive Officer make a determination that the agency is in full compliance with its final WLA if all of the following criteria are met:</p> <ol style="list-style-type: none"> <li>1) 98% of all catch basins within the agency’s jurisdictional land area in the watershed are retrofitted with FCS (or, alternatively, 98% of the jurisdiction’s drainage area is addressed by FCS) and at least 97% of the catch basins (or, alternatively, drainage area) within the</li> </ol>

<sup>4</sup> The Regional Water Board currently recognizes nine *full capture systems*. These are: Vortex Separation Systems (VSS) and eight other Executive Officer-certified *full capture systems*, including specific types or designs of trash nets; two gross solids removal devices (GSRDs); catch basin brush inserts and mesh screens; vertical and horizontal trash capture screen inserts; a connector pipe screen device; and the nutrient separating baffle box. See August 3, 2004 Los Angeles Regional Water Quality Control Board Memorandum titled “Procedures and Requirements for Certification of a Best Management Practice for Trash Control as a Full Capture System.”

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	<p>agency's jurisdiction in the subwatershed (the smaller of the HUC-12 equivalent area or tributary subwatershed) are retrofitted with FCS.</p> <p>2) The agency submits to the Regional Board a report for Executive Officer concurrence, detailing the technical infeasibility of FCS retrofits in the remaining catch basins and evaluating the feasibility of partial capture devices, and the potential to install FCS or partial capture devices along the storm drain or at the MS4 outfall down gradient from the catch basin.</p> <p>3) The agency submits to the Regional Board a report for Executive Officer approval, detailing the partial capture devices and/or institutional controls that are currently and will continue to be implemented in the affected subwatershed(s), including an assessment of the effectiveness of the partial capture devices and/or institutional controls using existing data and studies representative of the subwatershed or jurisdictional area. If, based on Regional Board evaluation, existing data and studies are determined non-representative, responsible jurisdictions may also be required to conduct a special study of institutional controls and partial capture devices in the particular subwatershed(s) where the non-retrofitted catch basins are located.</p> <p>In addition, responsible jurisdictions shall re-evaluate the effectiveness of institutional controls and partial capture devices and report the findings to the Regional Board for confirmation or change to the determination, if significant land use changes occur in the affected subwatershed (based on permits for new and significant re-development) or if there is a significant change in the suite of implemented partial capture devices and/or institutional controls (e.g., reduced frequency of implementation, reduced spatial coverage of implementation, change in technology employed). Such re-evaluation shall occur within one year of the identification of the significant changes.</p> <p>(2) Compliance with interim and final effluent limitations through the installation of partial capture devices and the application of institutional controls. Responsible jurisdictions employing partial capture devices or institutional controls shall use a mass balance approach based on the trash daily generation rate (DGR)<sup>5</sup>, to demonstrate compliance.</p> <p>The DGR shall be reassessed annually. Responsible jurisdictions may request a less frequent assessment of its DGR when the final WLA has been met (as described below) and the responsible jurisdiction continues to implement at the same level of effort partial capture devices and institutional controls <u>for Executive Officer approval</u>. A</p>

<sup>5</sup> The DGR is the average amount of trash deposited during a 24-hour period, as measured in a specified drainage area.

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	<p>return to annual DGR calculation shall be required for a period of years to be determined by the Executive Officer after significant land use changes.</p> <p>Responsible jurisdictions employing institutional controls or a combination of full capture systems, partial capture devices, and institutional controls shall be deemed in compliance with the final WLAs when the reduction of trash from the jurisdiction's baseline load, in Table 7-2.2, is between 99% and 100% as calculated using a mass balance approach, and the FCS and partial capture devices are properly sized, operated, and maintained.</p> <p>Alternatively, responsible jurisdictions may request that the Executive Officer make a determination that a 97% to 98% reduction of the baseline load as calculated using a mass balance approach, constitutes full compliance with the final WLA if all of the following criteria are met:</p> <ol style="list-style-type: none"> <li>1) The agency submits to the Regional Board a report for Executive Officer approval, including, two or more consecutive years of data showing that the Permittee's compliance was at or above a 97% reduction in its baseline trash load; an evaluation of institutional controls in the jurisdiction demonstrating continued effectiveness and any potential enhancements; and demonstration that opportunities to implement partial capture devices have been fully exploited.</li> </ol> <p>(3) Compliance with the interim and final WLAs through a scientifically based alternative compliance approach as approved by the Regional Board or Executive Officer.</p> <p>Responsible jurisdictions employing an alternative compliance approach shall conduct studies of institutional controls and partial capture devices for their particular subwatershed(s) or demonstrate that existing studies are representative and transferable to the implementing area for Executive Officer approval. Responsible jurisdictions shall also provide a schedule for periodic, compliance effectiveness demonstration and evaluation. FCS and partial capture devices shall be properly sized, operated, and maintained consistent with sizing, operation, and maintenance schedules used to determine their effectiveness.</p> <p>The Los Angeles County MS4, City of Long Beach MS4, Ventura County MS4, and Caltrans MS4 Permittees employing alternative compliance options for FCS, partial capture devices, and the application of institutional controls, or employing a scientifically based alternative compliance approach shall submit a revised Watershed Management Program or Enhanced Watershed Management Program, or separate TMDL implementation plan, for Executive Officer approval prior to use of these alternative compliance options.</p>

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	<p>An implementation schedule for Phase II MS4 permittees will be established during the issuance, reissuance, or reopening of their respective permit(s) to incorporate provisions consistent with the assumptions and requirements of these WLAs or upon designation by the State or Regional Water Board as a Phase II MS4 permittee and enrollment in the Statewide Phase II Small MS4s General NPDES Permit.</p> <p>Flood control districts, such as the Los Angeles County Flood Control District or Ventura County Watershed Protection District, are not assigned Waste Load Allocations, since Waste Load Allocations are based on jurisdictional area. However, flood control districts are responsible for performing storm drain operation and maintenance, including <del>but not limited to: catch basin inspection and cleaning catch basin labeling, catch basin label inspections, and open channel signage</del>; open channel maintenance that includes removal of trash and debris; and implementation of activity specific BMPs, including those related to litter/debris/graffiti in compliance with their respective MS4 permit. A flood control district may be held responsible with a jurisdiction and/or agency for non-compliance with Waste Load Allocations where it has either:</p> <ul style="list-style-type: none"> <li>(i) without good cause denied entitlements or other necessary authority to a responsible jurisdiction or agency for the timely installation and/or maintenance of full and/or partial capture trash control devices for purposes of TMDL compliance in parts of the MS4 physical infrastructure that are under its authority, or</li> <li>(ii) not fulfilled its obligations regarding proper BMP installation, operation, and maintenance for purposes of TMDL compliance within the MS4 physical infrastructure under its authority,</li> </ul> <p>thereby causing or contributing to a responsible jurisdiction and/or agency to be out of compliance with its interim or final Waste Load Allocations.</p> <p>Under these circumstances, the flood control district's responsibility shall be limited to non-compliance related to the drainage area(s) within the jurisdiction where the flood control district has authority over the relevant portions of the MS4 physical infrastructure.</p> <p><b>Nonpoint Sources</b> Load Allocations (LAs) shall be implemented consistent with the Statewide Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program through a general waiver of waste discharge requirements (WDRs), individual waivers of WDRs, general WDRs, individual WDRs, a memorandum of understanding (MOU), a</p>

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	<p>cleanup and abatement order, or any other appropriate regulatory order(s). LAs may be achieved through a program of minimum frequency of assessment and collection (MFAC). Responsible <del>jurisdictions</del> <u>agencies</u> assigned LAs shall be deemed in compliance with the LAs if an MFAC/BMP program, approved by the Executive Officer, demonstrates that there is no accumulation of trash, as defined in “Load Allocations” above. Responsible entities assigned LAs shall also comply with the implementation schedule listed in Table 7-2. 5.</p> <p>An MFAC/BMP Program shall include the following criteria:</p> <p>1) The MFAC/BMP Program shall include an initial minimum frequency of trash assessment and collection and a suite of structural and/or nonstructural BMPs. The MFAC/BMP program shall include collection and disposal of all trash found in the source areas and along the Los Angeles River and its tributaries. Responsible entities shall implement an initial suite of BMPs based on current trash management practices in land areas that are found to be nonpoint sources of trash to the Los Angeles River and its tributaries.</p> <p>The initial minimum frequency shall be as follows:</p> <p>a) Trash in open space and parks managed by responsible jurisdictions and agencies identified in the LA section of this table shall be 100% removed at each assessment and collection event as specified in the Trash Monitoring and Reporting Plan (TMRP<sup>6</sup>), within 72 hours after critical conditions, and immediately after special events when no safety hazards exist.</p> <p>b) The TMRP shall include protocols for trash assessment immediately after each collection event, assessment locations, and frequencies.</p> <p>c) Compliance for entities responsible for open space and parks is determined by the following criteria:</p> <p style="padding-left: 40px;">i) The assessment performed immediately after each collection event shall demonstrate that no trash remains.</p> <p style="padding-left: 40px;">ii) The trash amount accumulated between collection events in open space and parks shall not exceed the LAs of 640 gallons per square mile per year (gal/mi<sup>2</sup>/yr) and shall <del>show a decreasing trend</del> <u>not show an increasing trend</u>.</p> <p style="padding-left: 40px;">iii) Responsible entities shall increase the frequency of collection and/or implement additional BMPs, should trash amounts collected at collection events <del>not</del> indicate <del>a decreasing trend</del> <u>an increasing trend</u>.</p>

<sup>6</sup> The TMRP is described in the monitoring element. An MFAC program is an implementation program that also provides monitoring so monitoring requirements of a MFAC will be detailed in the TMRP.

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<b>Element</b>	<b>Key Findings and Regulatory Provisions</b>
	<p>2) The MFAC/BMP Program shall include assurances that it will be implemented by the responsible entities.</p> <p>3) MFAC protocols may be based on SWAMP protocols for rapid trash assessment, or alternative protocols proposed by dischargers and approved by the Executive Officer.</p> <p>4) Implementation of the MFAC/BMP program shall include a Health and Safety Plan to protect personnel. The MFAC/BMP shall not require responsible jurisdictions to access and collect trash from areas where access by personnel is prohibited.</p>
<i>Margin of Safety</i>	<p>“Zero discharge” is a conservative standard that contains an implicit margin of safety.</p>
<i>Seasonal Variations and Critical Conditions</i>	<p>Discharge of trash from the MS4 occurs primarily during or shortly after a rain event of greater than 0.25 inches.</p>
<i>Monitoring</i>	<p><b>Receiving Water Monitoring</b></p> <p><u>Permittees under the Los Angeles County MS4 Permit, the City of Long Beach MS4 permit, and the Caltrans MS4 Storm Water Permittees</u> shall propose and implement a Trash Monitoring and Reporting Plan (TMRP) for Executive Officer approval. The Regional Board's Executive Officer will have full authority to review, to modify, to select alternate monitoring sites, and to approve or disapprove the monitoring plans. Responsible entities can report receiving water monitoring through a separate TMRP annual report, if approved by the Executive Officer, or in conjunction with annual reporting under MS4 permits.</p> <p>Receiving water monitoring shall be consistent with prescribed elements listed in the Surface Water Ambient Monitoring Program’s Rapid Trash Assessment <u>or shall be an alternative protocol proposed by the responsible agencies and approved by the Executive Officer.</u></p> <p>Monitoring Plan: Responsible entities will submit a TMRP with the proposed receiving monitoring sites and at least two additional alternate monitoring locations. The TMRP must include maps of the <u>MS4 infrastructure, including catch basins, storm drains and outfalls relative to receiving waters, and locations where trash accumulates in the waterbody proposed monitoring locations and rationale for their selection.</u> Trash monitoring shall focus on visible trash at representative and critical locations. <u>Locations for trash assessment shall include, but not be limited to, locations where trash enters and exits each reach/segment and their tributaries.</u></p>

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<b>Element</b>	<b>Key Findings and Regulatory Provisions</b>
	<p>Sampling Site and Frequency: The TMRP shall detail the monitoring frequency and number and location of sites, including at least one monitoring station per reach and tributary. Each sampling evaluation should consider trash levels over time and under different seasonal conditions. Sampling assessment shall be repeated at the same site where trash was collected during previous assessment <del>to determine trash accumulation rates.</del></p> <p>Los Angeles County, City of Long Beach and Caltrans MS4 Permittees shall either submit a revised Integrated Monitoring Program or Coordinated Integrated Monitoring Program incorporating the TMRP requirements or a stand-alone TMRP for Executive Officer approval six months after the effective date of the TMDL.</p> <p><b>Plastic Pellet Monitoring</b></p> <p>Los Angeles County and City of Long Beach MS4 Permittees shall prepare a Plastic Pellet Monitoring and Reporting Plan (PMRP) to (i) monitor the amount of plastic pellets being discharged from the MS4; (ii) establish triggers for increased industrial facility inspections and enforcement of SWPPP requirements for industrial facilities identified as responsible for the plastic pellet WLA herein; and (iii) address possible plastic pellet spills. The PMRP shall include protocols for a timely and appropriate response to possible plastic pellets spills within their jurisdictional area, including notification to the Regional Board, and a comprehensive plan to ensure that plastic pellets are contained.</p> <p><u>MS4 Permittees will fall into one of the following three categories for requirements of a PMRP:</u></p> <ol style="list-style-type: none"> <li><u>1. MS4 Permittees that have industrial facilities or activities related to the manufacturing, handling, or transportation of plastic pellets within their jurisdiction must prepare a PMRP.</u></li> <li><u>2. Responsible jurisdictions that have no industrial facilities or activities related to the manufacturing, handling, or transportation of plastic pellets may not be required to conduct monitoring at MS4 outfalls, but must have a response plan in place to address plastic pellet spills. If satisfactory documentation is provided that shows there are no industrial facilities or activities related to plastic pellets within the jurisdiction, the responsible jurisdiction may be excused of the requirement to monitor MS4 outfalls. LACFCD will be in this category.</u></li> <li><u>3. Responsible jurisdictions that only have residential areas within their respective jurisdictions, and have limited commercial or industrial transportation corridors (including railways and roadways), may be exempted from the requirements of preparing a PMRP. In order for a responsible jurisdiction to be</u></li> </ol>

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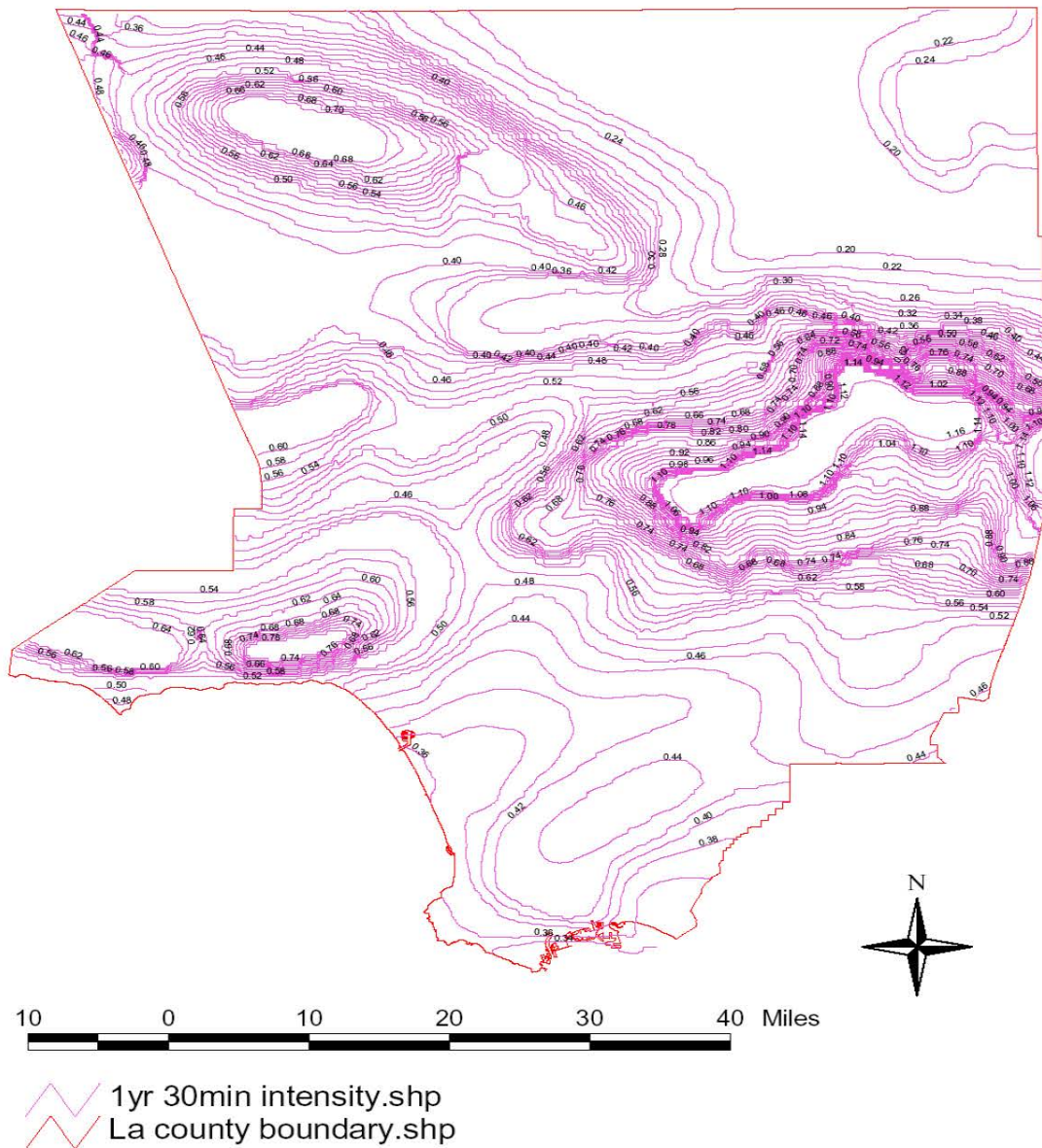
Element	Key Findings and Regulatory Provisions
	<p style="text-align: center;"><u>exempted from this requirement, sufficient documentation including municipal zoning plans must be submitted to the Regional Board and approved by the Executive Officer.</u></p> <p><b>MFAC Monitoring</b></p> <p>Responsible entities listed in Table 7-2.4, shall prepare a TMRP for the MFAC/BMP Program, and responsible entities shall self-report any non-compliance with its provisions. The results of the MFAC/BMP Program including, but not limited to, frequency of trash collections, amount of trash collected, trash assessments, and calculation of reduction from baseline load allocations shall be submitted to the Regional Board on an annual basis.</p>

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Figure 7-2.A

Isohyetal Map of Rainfall Intensities in Portions of Los Angeles County

1-Year 30-Min Rainfall Intensity (Inches/Hour)



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Table 7-2.2. Los Angeles River Watershed Trash TMDL Baseline Waste Load Allocations (gallons and lbs of trash).

City	WLA (gals)	WLA (lbs)
Alhambra	39,903	68,761
Arcadia	50,108	93,036
Bell*	16,026	25,337
Bell Gardens	13,500	23,371
Bradbury	42,77	12,160
Burbank*	92,590	170,389
Calabasas	22,505	52,230
Carson	6,832	10,208
Commerce	58,733	85,481
Compton*	53,191	86,356
Cudahy	5,935	10,061
Downey	39,063	68,507
Duarte	12,210	23,687
El Monte	42,208	68,267
Glendale	140,314	293,498
Hidden Hills	3,663	10,821
Huntington Park	19,159	30,929
Irwindale	12,352	17,911
La Cañada Flintridge	33,496	73,747
Long Beach*	87,135	149,759
Los Angeles*	1,374,845	2,572,500
Los Angeles County*	310,223	651,806
Lynwood	28,201	46,467
Maywood	6,129	10,549
Monrovia	46,687	100,988
Montebello	50,369	83,707
Monterey Park	38,899	70,456
Paramount	27,452	44,490
Pasadena	111,998	207,514
Pico Rivera	13,953	22,549
Rosemead	27,305	47,378
San Fernando	13,947	23,077
San Gabriel	20,343	36,437
San Marino	14,391	29,147
Sierra Madre	11,611	25,192
Signal Hill	9,434	14,220
Simi Valley	137	344
South El Monte	15,999	24,319
South Gate	43,904	72,333
South Pasadena	14,907	28,357
Temple City	17,572	31,819
Vernon	47,203	66,814
Caltrans	59,421	66,566

\*Military Installations were not included in calculation of Baseline WLAs, but may be addressed as Phase II MS4 Permittees.

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**Table 7-2.3. Los Angeles River Watershed Trash TMDL: Implementation Schedule.<sup>7</sup>**

(Required percent reductions based on initial baseline Waste Load Allocation of each entity.)

End of Storm Year	Implementation	Waste Load Allocation	Compliance Point
Sept 30, 2008	Implementation: Year 1	60% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 60% of the baseline load
Sept 30, 2009	Implementation: Year 2	50% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 55% of the baseline load, calculated as a 2-year annual average
Sep 30, 2010	Implementation: Year 3 <sup>8</sup>	40% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 50% of the baseline load, calculated as a rolling 3-year annual average
Sept 30, 2011	Implementation: Year 4	30% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 40% of the baseline load, calculated as a rolling 3-year annual average
Sept 30, 2012	Implementation: Year 5	20% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 30% of the baseline load, calculated as a rolling 3-year annual average
Sept 30, 2013	Implementation: Year 6	10% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 20% of the baseline load, calculated as a rolling 3-year annual average
Sept 30, 2014	Implementation: Year 7	0% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 10% of the baseline load, calculated as a rolling 3-year annual average
Sept 30, 2015	Implementation: Year 8	0% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 3.3% of the baseline load, calculated as a rolling 3-year annual average
Sept 30, 2016	Implementation: Year 9	0% of Baseline Waste Load Allocations for the Municipal permittees; and Caltrans	Compliance is 0% of the baseline load, calculated as a rolling 3-year annual average

<sup>7</sup> Notwithstanding the zero trash target and the baseline Waste Load Allocations shown in Table 7-2.3, a Permittee will be deemed in compliance with the Trash TMDL in areas served by a Full Capture System within the Los Angeles River Watershed.

<sup>8</sup> The Regional Board will review and reconsider the final Waste Load Allocations once a reduction of 50% has been achieved and sustained in the watershed.

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## Attachment A to Resolution No. R15-XXX

**Table 7-2.4 Los Angeles River Watershed Trash TMDL Baseline Load Allocations**

Responsible entity	Monitoring site
<del>County of Los Angeles</del> City of Long Beach	Wrigley Green belt
City of Compton	Raymond Street Park
City of Long Beach	DeForest Park
City of Cudahy	Cudahy Park
City of Maywood	Maywood Riverfront Park
City of Bell Gardens	Ford Park
City of Downey	Treasure Island Park
City of Montebello	Grant Rea Park
City of Pico Rivera	Rio Hondo Park
County of Los Angeles	Whittier Narrows County Golf Course
City of Rosemead	Sally Tanner Park
San Gabriel Country Club	San Gabriel Country Club
City of Pasadena	Eaton Blanche Park
City of Pasadena	Gwinn Park
County of Los Angeles	Santa Anita County Golf Course
Arcadia Golf Course	Arcadia Golf Course
City of Arcadia	Eisenhower Park
County of Los Angeles	Pamela County Park
City of Los Angeles	Montecito Rec Center
City of Los Angeles	Hermon Park
City of Pasadena	Lower Arroyo Park
City of Los Angeles	Elysian Park
City of Los Angeles/MRCA	Marsh Street Park
City of Los Angeles	Griffith Park Soccer Field
City of Los Angeles	Los Feliz Golf Course
City of Glendale	Glorietta Park
County of Los Angeles	Crescenta Valley Park
City of Glendale	Dunsmore Park
County of Los Angeles	Crescenta Valley Park
LA Equestrian Center/City of Los Angeles	LA Equestrian Center
City of Burbank	Compass Tree Park
City of Burbank	Buena Vista Park (Johnny Carson Park)
City of Los Angeles	Valleyheart Greenway/
City of Los Angeles	LA River Greenway Park
City of Los Angeles	Moorpark Park
MRCA	Tujunga Greenway
City of Los Angeles	Hansen Dam Park
City of Los Angeles	Sepulveda Rec Center

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## Attachment A to Resolution No. R15-XXX

Responsible entity	Monitoring site
City of Los Angeles	Paxton Park (Richie Valens Park)
City of Los Angeles	Sepulveda Basin Recreation Area
City of Los Angeles	Reseda Park & Rec Center
City of Los Angeles	Vanalden Park
City of Los Angeles	Northridge Rec Center
City of Los Angeles	Mae Boyer Rec Center
City of Los Angeles	West Hills Rec Center
<del>City of Santa Clarita</del>	<del>Santa Clarita open space in LA Watershed</del>

Baseline LA = recreational area in square miles • 640 gallons trash

**Table 7-2.5 Los Angeles River Trash TMDL: Nonpoint Source Implementation Schedule<sup>9</sup>**

Task No.	Task	Date
1	Baseline Load Allocations in Effect	Effective date of the reconsideration of the Los Angeles River Trash TMDL
2	Submit Minimum Frequency Assessment and Collection (MFAC) Program Plan	Upon enrollment in Conditional Waiver of WDR for trash, <u>or no later than two years from the effective date of the TMDL</u>
3	Achieve <u>final load allocations by fully implementing an Executive Officer approved MFAC program</u> or 100% reduction of trash from baseline load allocations	Three years from effective date of the reconsideration of the Los Angeles River Trash TMDL

<sup>9</sup> ~~The implementation deadline for the LA assigned to the City of Santa Clarita is September 30, 2016 per the schedule for implementation of WLAs, since the City's LA was previously identified as a WLA in the 2007 TMDL.~~

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