

**Notice of Intent to Develop a
Watershed Management Program (WMP) and a
Coordinated Integrated Monitoring Program (CIMP)
for
the Los Cerritos Channel Watershed**

Prepared for:

City of Bellflower

City of Cerritos

City of Downey

City of Lakewood

City of Long Beach

City of Paramount

City of Signal Hill

Los Angeles County Flood Control District (LACFCD)

Caltrans

June 27, 2013

LOS CERRITOS CHANNEL WATERSHED
NOTICE OF INTENT PACKAGE

TRANSMITTAL LETTER

The Los Cerritos Channel Watershed Group

June 25, 2013

Samuel Unger, Executive Officer
Los Angeles Regional Water Quality Control Board
320 West Fourth Street, Suite 200
Los Angeles, CA 90013

Attn.: Renee Purdy

LETTER OF INTENT TO PARTICIPATE IN THE DEVELOPMENT OF A WATERSHED MANAGEMENT PROGRAM (WMP) AND COORDINATED INTEGRATED MONITORING PROGRAM (CIMP) IN COOPERATION WITH THE LOS CERRITOS CHANNEL METALS TMDL TECHNICAL COMMITTEE

Dear Mr. Unger:

The Los Cerritos Channel (LCC) Metals TMDL Technical Committee now known as the Los Cerritos Channel Watershed Group (LCCWG) is submitting the attached Notice of Intent (NOI) package to your Board on behalf of our members. The LCCWG is comprised of the Cities of Bellflower, Cerritos, Downey, Lakewood, Long Beach, Paramount, and Signal Hill, as well as the Los Angeles County Flood Control District, and Caltrans. We are developing a Watershed Management Program (WMP) and a Coordinated Integrated Monitoring Program (CIMP) and intend to comply with the requirements and provisions of Order No. R4-2012-0175.

Attached to this NOI package for the Los Cerritos Channel Watershed are letters of intent from our member cities.

While maintaining the 18-month schedule for development of the WMP and CIMP, we intend to continue to evaluate and consider the Enhanced WMP (EWMP) option. If the group decides prior to December 28, 2013 to develop an EWMP, your office will be notified in a supplemental Notice of Intent, together with revised Letters of Intent from member cities and agencies.

Should you have any questions, please contact one of us at the following numbers: Anthony Arevalo, 562.570.6023; or Steve Myrter, 562.989.7356. Thank you.

Sincerely,

ON BEHALF OF THE LOS CERRITOS CHANNEL METALS TMDLS TECHNICAL COMMITTEE



ANTHONY AREVALO
Co-Chair, Los Cerritos Channel
Metals TMDLs Technical Committee



STEVE MYRTER
Co-Chair, Los Cerritos Channel
Metals TMDLs Technical Committee

LOS CERRITOS CHANNEL WATERSHED
NOTICE OF INTENT PACKAGE

TABLE OF CONTENTS

Table of Contents

Notice of Intent	Transmittal Letter
	Table of Contents
	Los Cerritos Channel Watershed NOI
Attachment A	Demonstration of Compliance with Part VI.C.4.c.i (1) and Part VI.C.4.c.iv (1) of Order R4-2012-0175
A.1	GWMA LID Ordinance and Green Streets Policy Template Program
A.2	City of Signal Hill Development of LID Ordinance and Green Streets Policy
Attachment B	Draft Final MOU
Attachment C	City of Bellflower Letter of Intent and Related Documents
C.1	City of Bellflower June 26, 2013 Letter of Intent
C.2	City of Bellflower December 27, 2012 Notice of Intent
C.3	Existing City of Bellflower/GWMA MOA
C.4	City of Bellflower In Place LID Ordinance
C.5	City of Bellflower Draft Green Streets Policy
Attachment D	City of Cerritos Letter of Intent and Related Documents
D.1	City of Cerritos June 27, 2013 Letter of Intent
D.2	City of Cerritos December 21, 2012 Notice of Intent
D.3	Existing City of Cerritos/GWMA MOA
D.4	City of Cerritos Draft LID Ordinance
D.5	City of Cerritos Draft Green Streets Policy
Attachment E	City of Downey Letter of Intent and Related Documents
E.1	City of Downey June 24, 2013 Letter of Intent
E.2	City of Downey December 27, 2012 Notice of Intent

E.3	Existing City of Downey/GWMA MOA
Attachment F	City of Lakewood Letter of Intent and Related Documents
F.1	City of Lakewood June 26, 2013 Letter of Intent
F.2	City of Lakewood December 19, 2012 Notification of Intent
F.3	Existing City of Lakewood/GWMA MOA
F.4	City of Lakewood Draft LID Ordinance
F.5	City of Lakewood Draft Green Streets Policy
Attachment G	Long Beach Letter of Intent and Related Documents
G.1	City of Long Beach June 25, 2013 Letter of Intent
G.2	Existing City of Long Beach/GWMA MOA
G.3	City of Long Beach in Place LID Ordinance
Attachment H	City of Paramount Letter of Intent and Related Documents
H.1	City of Paramount June 24, 2013 Letter of Intent
H.2	City of Paramount December 17, 2012 Notice of Intent
H.3	City of Paramount/GWMA MOA
H.4	City of Paramount Draft LID Ordinance
H.5	City of Paramount In Place Green Streets Policy
Attachment I	Signal Hill Letter of Intent and Related Documents
I.1	City of Signal Hill June 24, 2013 Letter of Intent
I.2	Existing City of Signal Hill/GWMA MOA
I.3	City of Signal Hill Draft LID Ordinance
I.4	City of Signal Hill In Place Green Streets Policy
Attachment J	LACFCD Letter of Intent
Attachment K	Caltrans Letter of Intent

LOS CERRITOS CHANNEL WATERSHED
NOTICE OF INTENT PACKAGE

LOS CERRITOS CHANNEL WATERSHED NOI

Notice of Intent

Watershed Management Program (WMP) and Coordinated Integrated Monitoring Program (CIMP)

Los Cerritos Channel Watershed

SECTION 1

PROGRAM TYPE AND PERMITTEES

The Permittees (listed in Table 1) that are party to this Notice of Intent (NOI) hereby notify the Los Angeles Regional Water Quality Control Board (Regional Water Board) of their intent to develop a Watershed Management Plan (WMP) for the Los Cerritos Channel Watershed. This NOI is being submitted in accordance with Part VI.C.4.b.i of Order R4-2012-0175. Permittees meet the LID and Green Street conditions in Sections VI.C.4.c.i (1) and (2) and VI.C.4.c.iv (1) and (2) and will submit the Draft WMP within 18 months of the effective date of Order R4-2012-0175 (June 28, 2014). Demonstration that the conditions of Part VI.C.4.c.i (1) have been met in greater than 50% of the watershed area is contained in Attachment A that demonstrates that the Cities of Downey, Lakewood, Paramount, and Signal Hill, which together comprise 69.99% of the total portion of the watershed included in the MS4 Permit for the Coastal Watersheds of Los Angeles Except Those Discharges Originating from the City of Long Beach, commenced development of a Low Impact Development (LID) Ordinance and a Green Streets Policy in collaboration with the Gateway Water Management Authority by February 26, 2013. Demonstration that the conditions of Part VI.C.4.c.iv (2) have been met in greater than 50% of the watershed area is contained in the attachments to the letters of intent from the cities of Bellflower, Cerritos, Lakewood, Paramount, and Signal Hill, which together comprise 97.44% of the total portion of the watershed included in the MS4 Permit.

The Permittees (listed in Table 1) that are party to this NOI also hereby notify the Regional Water Board of their intent to develop a Coordinated Integrated Monitoring Program (CIMP). The Permittees intend to follow a CIMP approach for each of the required monitoring plan elements and will submit the CIMP within 18 months of the effective date of Order R4-2012-0175 (June 28, 2014). Caltrans has long participated informally in meetings of the Los Cerritos Channel Watershed Group (formerly Los Cerritos Channel Metals TMDLs Technical Committee), and the Group is currently negotiating formal participation of Caltrans in preparation of both the WMP and CIMP.

While maintaining the 18-month WMP schedule, the Permittees intend to continue to consider Enhanced WMP (EWMP) options. If the Permittees elect to develop an EWMP prior to the December 28, 2013 deadline, the Permittees will notify the Regional Board.

Table 1. Watershed Management Program Permittees

1. City of Bellflower
2. City of Cerritos
3. City of Downey
4. City of Lakewood

5. City of Long Beach ¹
6. City of Paramount
7. City of Signal Hill
8. Caltrans ¹
9. Los Angeles County Flood Control District (LACFCD)

¹ The City of Long Beach and Caltrans are Regulated Under Separate MS4 Permits

SECTION 2

TOTAL MAXIMUM DAILY LOADS ESTABLISHED WATER QUALITY BASED EFFLUENT LIMITATIONS

At this time, there are no interim or final Water Quality Based Effluent Limitations (WQBELs) for trash applicable to the Watershed. Rather, the only interim or final WQBELs directly applicable to the Watershed are for the Los Cerritos Channel Total Maximum Daily Loads (TMDLs) for Metals established by the USEPA on March 17, 2010. On June 6, 2013, the Regional Water Board adopted Resolution No. R13-XXX with two attachments. Attachment B specifies an interim compliance date of September 30, 2017, which is after the anticipated approval date for the WMP, but approximately three months prior to the expiration date for Order No. R4-2012-0175. Attachment B also specifies two additional interim compliance dates in 2020 and 2023 and a final compliance date of September 30, 2026. Pursuant to Section VI.E.3 of the Order, the WMP will become the Implementation Plan for the EPA-established Los Cerritos Channel Metals TMDLs.

In addition, the cities of Bellflower, Lakewood, Long Beach, Paramount, and Signal Hill, together with Caltrans and the Los Angeles County Flood Control District (LACFCD) have been named as responsible parties in the Total Maximum Daily Load for Toxic Pollutants in the Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters. This TMDL became effective on March 23, 2012. There are no interim or final WQBELs directly applicable to the Los Cerritos Channel Watershed. However, there are general plan development, monitoring, reporting, and plan implementation requirements that could impact the watershed. Initial work on these tasks is being coordinated by the Regional Monitoring Coalition with which the applicable permittees are coordinating.

Table 2 lists applicable interim, final Water Quality Based Effluent Limitations (WQBELs) limitations established by the Implementation Schedule for the Los Cerritos Channel TMDLs¹ for Metals.

Table 2. Applicable Interim and Final WQBELs occurring before and after Watershed Management Program Approval.

TMDL Order	WQBEL	Interim/Final	Compliance Date
Los Cerritos Channel TMDLs for Metals 2010-2026	Dry Weather ¹ 30% of drainage area	Interim	9/30/2017
	70% of drainage area	Interim	9/30/2020

	100% of drainage area	Interim	9/30/2023
	Wet Weather ¹		
	10% of drainage area	Interim	9/30/2017
	35% of drainage area	Interim	9/30/2020
	65% of drainage area	Interim	9/30/2023
	100% of drainage area	Final	9/30/2026

¹ An Implementation Schedule for the Los Cerritos Channel Metals TMDLs was approved by the Regional Water Board on June 6, 2013 in Attachment B to Resolution No. R13-XXX.

SECTION 3

IDENTIFY TMDL CONTROL MEASURES:

Table 3 identifies the control measures being implemented by each Permittee for each TMDL. The Permittees will continue to implement these measures during the development of the WMP.

Table 3. Control Measures that are and will be Implemented Concurrently with WMP Development

Permit	Program Elements	Control Measures
Continued Implementation of Permit Requirements	Public Information and Public Participation Program	Provide Public Information related to control of metals
	Industrial/Commercial Facilities Program	Track critical sources of metals Inspect critical industrial sources of metals Notify industries identified as potential sources of metals of BMP requirements applicable to their sites
	Planning and Land Development Program	Implement New Development/Redevelopment Project Performance Criteria
	Development Construction Program	Implement Construction Site Inventory Tracking Implement Construction Plan Review and Approval Procedures Conduct Construction Site Inspections
	Public Agency Activities Program	Implement Public Construction Management and Public Facility Inventory Inventory Existing Development for Retrofitting Opportunities Train Employees in Targeted Positions and Contractors

SECTION 4

DEMONSTRATION OF MEETING LID ORDINANCE AND GREEN STREET POLICY REQUIREMENTS

The Permittees that are party to this NOI have LID Ordinances and Green Streets Policies in place or in development. Table 4 summarizes the status of the Permittees' LID ordinances and Table 5 summarizes the status of the Permittees' Green Streets policies. More than 50% of the MS4 watershed area regulated by Order No. R4-2012-0175 that will be addressed by the WMP is covered by LID ordinances and Green Streets policies.

Table 4. LCC: Status of LID Ordinance Coverage of the MS4 Watershed Area Addressed by the WMP¹

Permittee	LID Ordinance Status	MS4 Watershed Area for which Permittee is Responsible ¹ [acres]	MS4 Watershed Area Covered by Permittee's LID Ordinance [acres]	Percentage of Watershed Area
Bellflower	In Place	2,818.43	2,818.43	15.91%
Cerritos	Draft Ordinance	57.60	57.60	0.33%
Downey	In Development	245.0	245.0	1.38%
Lakewood ²	Draft Ordinance	4,802.77	4,802.77	27.12%
Paramount	Draft Ordinance	1,128.93	1,128.93	6.37%
Signal Hill	Draft Ordinance	530.75	530.75	3.00%
Total LA MS4 City Watershed Area		9,583.48		
Long Beach	In Place	7,535.38	7,535.38	42.55%
Total LA and Long Beach MS4 Watershed Area		17,118.86		
Caltrans ³	NA	497.97	NA	2.81%
LACFCD ³	NA	NA	NA	NA
Total Los Cerritos Channel Watershed Area		17,616.83 ⁴		
Total LA MS4 City Watershed Area Covered By In Place or Draft LID Ordinances			9,338.48 ⁴	
Total LA and Long Beach MS4 City Watershed Area Covered by In Place or Draft LID Ordinances			16,873.86 ⁴	
% of LA MS4 City Watershed Area Covered By In Place or Draft Ordinances				97.44%
% of LA and LB MS4 City Watershed Area Covered by LID Ordinances				98.57%
Status Descriptions:				
<ul style="list-style-type: none"> • In Place – Permittee has adopted an LID Ordinance that is in compliance with the requirements of Order R4-2012-0175 for its portion of the watershed. • Draft Ordinance – Permittee has completed, or will complete by June 28, 2013, the development of a draft LID Ordinance in compliance with the requirements of Order R4-2012-0175 for its portion of the watershed. • In Development – Permittee initiated development of an LID Ordinance for its portion of the watershed within 60 days of the effective date of the Order in compliance with the requirements of Order R4-2012-0175. 				

¹ Caltrans is under a separate statewide permit and its acreage is subtracted from city acreage.

² Lakewood will adopt a modified version of the County of Los Angeles LID Ordinance.

³ The properties of Caltrans and LACFCD are not subject to inclusion in an LID Ordinance, nor in a municipal Green Streets Policy.

⁴ Not including 95-acre unincorporated County area being addressed separately.

Table 5. LCC: Status of Green Street Policy Coverage of the MS4 Watershed Area Addressed by the WMP¹

Permittee	Green Street Policy Status	MS4 Watershed Area for which Permittee is Responsible ¹ [acres]	MS4 Watershed Area Covered by Permittee's Green Street Policy [acres]	Percentage of Watershed Area
Bellflower	Draft Policy	2,818.43	2,818.43	15.91%
Cerritos	Draft Policy	57.60	57.60	0.33%
Downey	In Development	245.0	245.0	1.38%
Lakewood	Draft Policy	4,802.77	4,802.77	27.12%
Paramount	In Place	1,128.93	1,128.93	6.37%
Signal Hill	In Place	530.75	530.75	3.00%
Total LA MS4 City Watershed Area		9,583.48		
Long Beach	In Development	7,535.38	7,535.38	42.55%
Total LA and Long Beach MS4 City, Watershed Area		17,118.86		
Caltrans ²	NA	497.97	NA	2.81%
LACFCD ²	NA	NA	NA	NA
Total Los Cerritos Channel Watershed Area		17,616.83 ³		
Total LA MS4 City Watershed Area Covered By In Place or Draft Green Streets Policies			6,520.05 ³	
Total LA and LB MS4 City Watershed Area Covered by In Place or Draft Green Streets Policies			6,520.05 ³	
% of LA MS4 City Watershed Area Covered By In Place or Draft Green Streets Policies				97.44%
% of LA and LB MS4 City Watershed Area Covered by In Place or Draft Green Streets Policies				54.55%
<p>Status Descriptions:</p> <ul style="list-style-type: none"> • In Place – Permittee has adopted a Green Streets Policy that is in compliance with the requirements of Order R4-2012-0175 for its portion of the watershed. • Draft Ordinance – Permittee has completed, or will complete by June 28, 2013, the development of a draft Green Streets Policy in compliance with the requirements of Order R4-2012-0175 for its portion of the watershed. • In Development – Permittee initiated development of a Green Streets Policy for its portion of the watershed within 60 days of the effective date of the Order in compliance with the requirements of Order R4-2012-0175. 				

¹ Caltrans is under a separate statewide permit and its acreage is subtracted from city acreage.

² The properties of Caltrans and LACFCD are not subject to inclusion in an LID Ordinance, nor in a municipal Green Streets Policy.

³ Not including 95-acre unincorporated County area being addressed separately.

SECTION 5

GEOGRAPHIC SCOPE OF WATERSHED MANAGEMENT PROGRAM

The Los Cerritos Channel Watershed encompasses a land area of approximately 17,711 acres (27.7 square miles). It extends from just north of I-105 in Downey to Atherton Street in Long Beach where it discharges into the Los Cerritos Channel Estuary, which, in turn, discharges through Marine Stadium and Alamitos Bay to San Pedro Bay. The watershed includes ten MS4 Permittees regulated under three different MS4 permits. Nine of these Permittees are participating together in development of a WMP and a CIMP. This WMP and CIMP only includes the areas of the participating Permittees within the Los Cerritos Channel Freshwater watershed; it does not include areas directly tributary to the Los Cerritos Channel Estuary, nor areas directly tributary to Alamitos Bay. The WMP and CIMP will also include all LACFCD facilities within the Los Cerritos Channel Watershed, excluding any unincorporated County areas. The total area covered by the WMP includes approximately 17,617 acres. A 95-acre unincorporated County area with a separate WMP will be excluded from the WMP prepared by the Los Cerritos Channel Watershed Group. Table 6 provides a breakdown of the land area within the Los Cerritos Channel Watershed by Permittee.

Table 6. Los Cerritos Channel Watershed Land Area by Permittee.

Permittee	Land Area (Acres)^{1,2}	Percent of Total Area
Bellflower	2,818.43	15.91%
Cerritos	57.60	0.33%
Downey	245.0	1.38%
Lakewood	4,802.77	27.12%
Long Beach	7,535.38	42.55%
Paramount	1,128.93	6.37%
Signal Hill	530.75	3.00%
Caltrans	497.97 ¹	2.81%
LACFCD	NA ²	NA

¹ Caltrans acreage subtracted from city areas.

² LACFCD acreage is included in city areas.

SECTION 6

PLAN CONCEPT AND INTERIM MILESTONES AND DEADLINES

If at any point, the Permittees elect to develop an EWMP, the Permittees propose to follow the schedule in Table 7:

Table 7. Enhanced Watershed Management Program Interim Milestones and Target Completion Dates.

Milestone	Target Date
Notify Regional Board on decision to elect to develop an Enhanced WMP instead of WMP	December 2013
Compile technical memorandum of water quality priorities	December 2013
Complete internal draft of EWMP Work Plan	March 2014
Complete draft CIMP	April 2014
Submit final CIMP and final EWMP Work Plan	June 2014
Complete initial RAA based on selected watershed control measures	December 2015
Complete internal draft of EWMP	April 2015
Submit draft EWMP to Regional Water Board	June 2015
Submit Final EWMP to Regional Water Board (revised based on the Regional Water Board comments)	January 2016

SECTION 7

COST ESTIMATE

It is estimated that the cost for the development of the CIMP and WMP will be approximately \$650,000. In addition, each Permittee will contribute undefined administrative costs and other in-kind services.

SECTION 8

PERMITTEE MEMORANDA OF UNDERSTANDING

All Permittees to the WMP are committed to the completion of the program development.

A copy of each city's existing MOA is attached to city Letters of Intent. A new MOA is under development. It will be signed by all permittees participating in development of the WMP and CIMP. A copy of the current draft is in Attachment B of this NOI.

SECTION 9

COMMITMENT TO IMPLEMENT A STRUCTURAL BMP OR SUITE OF BMPS

The Permittees listed in Table 8 will implement the identified structural BMP to fulfill the obligations under Part VI.C.b.iii.(5) if the WMP is converted to an EWMP.

Table 8. Structural BMP or Suite of BMPs to be Implemented in the EWMP Watershed.

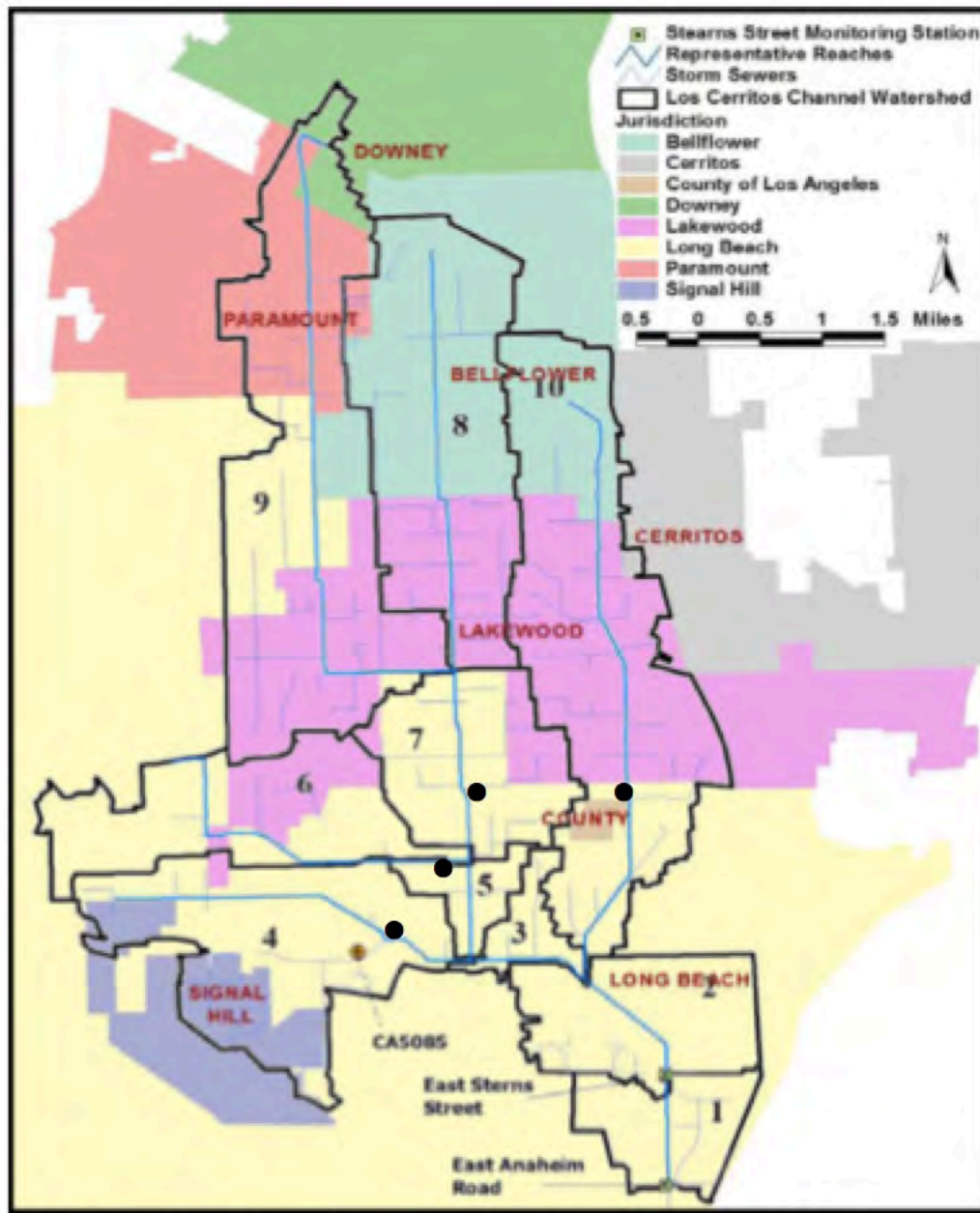
Watershed	Permittee	Structural BMP or Suite of BMPs to be Implemented	Planned Implementation Date
Los Cerritos Channel	All listed on Table 1	The Permittees are evaluating potential sites within the watershed for installation of a CDS unit, preferably in a location where it could serve as pre-treatment for a future stormwater capture facility. ^{1,2}	To Be Determined ³

¹ The Los Cerritos Channel Watershed Group has selected a CDS unit as its potential initial structural BMP because these units capture sediment to which metals adhere, as well as trash and debris to address the 303(d) listing of Los Cerritos Channel for Trash.

² In addition, five cities in the watershed have applied for a Proposition 84 Integrated Regional Water Management (IRWM) grant for several hundred full-capture inserts for catch basins within the watershed. If this grant application is funded, this suite of BMPs may be implemented instead of a single CDS unit.

³ Within thirty months of the effective date of this Order R4-2012-0175.

Figure 1: Los Cerritos Channel Watershed ^{1,2}



● Potential locations for installation of a CDS unit before June 28, 2015.

¹ A 5.05-acre area in the City of Downey drains to the Los Angeles River Watershed. While this area is included in this and other maps related to the TMDL, it has been excluded from TMDL calculations, allocations, and other tables and text (except those presenting model results) for the Los Cerritos Channel Metals TMDLs.

² Does not include 95-acre unincorporated County area being addressed separately.

³ The reference monitoring station for the watershed is located at East Stearns Street.

⁴ The reference weather station (CA5085) for the watershed is located at the Long Beach airport.