

**Revised Notice of Public Meeting
Thursday, October 9, 2014
9:00 a.m.**

Meeting Location:

**City of Glendale
Council Chambers
613 E. Broadway
Glendale, California**

Agenda

Item 17, Board Workshop will not begin earlier than 11:00 am

The Los Angeles Regional Board strives to conduct an accessible, orderly, and fair meeting. The Chair of the Board will conduct the meeting and establish appropriate rules and time limitations for each agenda item. The Board will only act on items designated as action items. Action items on the agenda are staff proposals, and may be modified by the Board as a result of public comment or Board member input. Additional information about Board meeting procedures is included after the last agenda item.

Generally, the Board accepts oral comments at the meeting on agenda items and accepts written materials regarding agenda items in advance of the meeting. For some items requiring public hearings, written materials and oral comments will be accepted only according to the procedures set forth in a previously issued public notice for the particular agenda item. To ensure a fair hearing and that the Board Members have an opportunity to fully study and consider written material, unless stated otherwise, written materials must be provided to the Executive Officer ***not later than 5:00 p.m. on September 25, 2014. Please consult the agenda item description because certain items may have an earlier deadline for written submissions. If you are considering submitting written materials, please consult the notes at the end of the agenda. Failure to follow the required procedures may result in your materials being excluded from the hearing record; however, failure to timely submit written materials does not preclude a person from testifying before the Board.***

INTRODUCTORY ITEMS

1. Roll Call.

RB-AR2082

2. **Order of Agenda.** Note that the agenda items are numbered for identification purposes only and may not necessarily be considered in this order.
3. **Approval of draft meeting Minutes for the September 11, 2014 Board meeting.** [Ronji Moffett, (213) 576-6612]
4. **Board Member Communications.**
 4. a. Ex Parte Disclosure. Board Members will identify any discussions they may have had requiring disclosure pursuant to Government Code section 11430.40.
 4. b. Board Member Reports. The Board Members may discuss communications, correspondence, or other items of general interest relating to matters within the Board's jurisdiction.

UNCONTESTED ITEMS

*(Items marked with an asterisk are expected to be routine and noncontroversial. The Board will be asked to approve these items at one time without discussion. Any Board member or person may request that an item be removed from the Uncontested calendar. **Items removed from the Uncontested calendar may be heard at a future meeting.**)*

Waste Discharge Requirements that Serve as Individual NPDES Permits Renewal-

- *5. [Vopak Terminal Los Angeles Inc., Inland Terminal, Wilmington; NPDES No. CA0063177](#) (Comment submittal deadline was September 18, 2014) [Jau Ren Chen, (213) 576-6656]

Renewal-

- *6. [Naval Engineering and Expeditionary Warfare Center, Seawater Desalination Test Facility, Port Hueneme; NPDES No. CA0064564](#) (Comment submittal deadline was August 29, 2014) [Thomas Siebels, (213) 576-6756]

Amendment-

- *7. [Southern California Edison Company \(Pebble Beach Desalination Plant\), Avalon; NPDES No. CA0061191.](#) (Comment submittal deadline was September 5, 2014) [Rosario Aston, (213) 576-6653]

Non-NPDES State Discharge Requirements

Termination –

- *8. [Chase Brothers Dairy, Incorporated, Order No. 01-069, CI No. 5982, Oxnard; File No. 72-102](#) (Comment submittal deadline was August 10, 2014) [Mercedes Merino, (213) 620-6156]

Board Business/Reports

9. **Executive Officer's Report.** [Samuel Unger, (213) 576-6605]
10. **Approval of Proposed 2015 Board Meeting Schedule.** [Ronji Moffett, (213) 576-6612]
11. **Update from State Board.** [Fran Spivy- Weber]

PUBLIC FORUM

12. Any person may address the Board regarding any matter within the Board's jurisdiction provided the matter does not appear elsewhere on this agenda, has not been scheduled to appear on a future agenda, and is not expected to be imminently scheduled for the Board's consideration. Remarks will be limited to three (3) minutes, unless otherwise directed by the Chair. If a person intends to use a PowerPoint presentation or other **visual aid, you must contact Ronji Moffett, (213) 576-6612, at the Regional Board at least 48 hours prior** to the meeting to arrange for equipment use and be prepared to load any PowerPoint presentation on the computer prior to the meeting to assure the orderly conduct of the meeting.

CONTESTED ACTION ITEMS

Non-NPDES State Discharge Requirements

Renewal-

13. [Port of Long Beach, Middle Harbor Redevelopment Project, Long Beach; File No. 05-204](#) (Comment submittal deadline was September 15, 2014) [Michael Lyons, (213) 576-6718]

Revision –

14. [Port of Los Angeles, Berth 24/36 Maintenance Dredging, San Pedro; File No. 13-113](#) (Comment submittal deadline was September 15, 2014) [Michael Lyons, (213) 576-6718]

Basin Planning/TMDL

15. [Consideration of proposed Basin Plan amendment to revise the Total Maximum Daily Load \(TMDL\) for Chloride in the Upper Santa Clara River.](#) (Comment submittal deadline was September 18, 2014) [Jenny Newman, (213) 576-6691]

INFORMATION ITEMS

(These items are for informational purposes only. No voting will take place on these items.)

16. [Update on the San Gabriel River Discovery Center Project.](#) [Mark Stanley, Rivers and Mountains Conservancy Authority; Russ Colby, L.A. Regional Board, (213) 620-6373]

BOARD WORKSHOP

17. [Workshop on the draft Watershed Management Programs \(WMPs\) submitted pursuant to Part VI.C of the Los Angeles County Municipal Separate Storm Sewer System \(MS4\) NPDES Permit \(Order No. R4-2012-0175\).](#) Staff will make a presentation on the status of review of the draft WMPs. Permittees will be invited to give brief presentations on WMPs. Other interested persons will have the opportunity to make oral comments subject to time limits. *(The Board may provide feedback to staff on the draft WMPs; however, no action or voting will take place at this workshop.)* [Renee Purdy, (213) 576-6622; Ivar Ridgeway, (213) 620-2150]

CLOSED SESSION

18. As authorized by Government Code section 11126, the Regional Board will be meeting in closed session. Closed session items are not open to the public. Items the Board may discuss include the following: [Jennifer Fordyce (JF) (916) 324-6682; Frances McChesney (FM) (916) 341-5174; Nicole Kuenzi (NK) (916) 322-4142; Lori Okun (LO) (916) 341-5165]
 - 18.1 *State Department of Finance, State Water Resources Control Board and Los Angeles Regional Water Quality Control Board v. Commission on State Mandates*, Supreme Court of California Case No. S214855. [Challenging the Commission's decision that portions of the 2001 Los Angeles County MS4 permit created unfunded state mandates]. (JF)
 - 18.2 *In re: Halaco Engineering Company*, United States Bankruptcy Court Central District of California, Northern Division, No. ND-02-1255 RR [Regarding a cease and desist order and cleanup and abatement order at the Oxnard Property]. (JF)
 - 18.3 *In re: Los Angeles Region Water Permit – Ventura County*, Commission on State Mandate Test Claim No. 110-TC-01 [Regarding a test claim filed by Ventura County Watershed Protection District and the County of Ventura alleging that portions of Order No. R4-2010-0108 created unfunded state mandates]. (JF)
 - 18.4 *In re: Petition of Cities of Signal Hill, Downey, et al, for Review of Order No. R4-2009-0130, SWRCB/OCC File A-2071* [Challenging the incorporation of Waste Load Allocations from the Los Angeles River Watershed Trash TMDL into the Los Angeles County MS4 Permit]. (JF)
 - 18.5 *Santa Clarita Valley Sanitation District of Los Angeles County v. Commission on State Mandates (Respondent), Los Angeles Regional Water Quality Control Board and Department of Finance (Real Parties in Interest)*, Los Angeles County Superior Court, Case No. BS148024 [Challenging the Commission's decision that Resolution No. R4-2008-0012 did not create unfunded state mandates]. (JF)
 - 18.6 *Joan C. Lavine v. State Water Resources Control Board and Los Angeles Regional Board*, Los Angeles County Superior Court Case No. BS128989 [Challenging the Basin Plan Amendment prohibiting on-site wastewater disposal systems in the Malibu Civic Center area]. (FM)
 - 18.7 *Charles Conway et al. v. State Water Resources Control Board and Los Angeles Regional Water Quality Control Board*, California Court Appeal Case No. B252688 [Challenging the McGrath Lake TMDL for polychlorinated biphenyls (PCBs), pesticides, and sediment toxicity]. (JF)
 - 18.8 *Green Acres, LLC v. Los Angeles Regional Water Quality Control Board and State Water Resources Control Board*, Los Angeles County Superior Court Case No. BS138872 [Challenging the Basin Plan Amendment prohibiting on-site wastewater disposal systems in the Malibu Civic Center area]. (FM)
 - 18.9 *Balcom Ranch v. State Water Resources Control Board and Los Angeles Regional Water Quality Control Board*, Ventura County Superior Court Case No. 56-2012-00419048-CU-MC-VTA [Challenging assessment of administrative civil liability in Order on Complaint No. R4-2010-0023] (LO)
 - 18.10 *In re: Petitions of the City of San Marino et al. for Review of Order No. R4-2012-0175, SWRCB/OCC File A-2236(a)-(kk)* [Challenging the Los Angeles County MS4 Permit]. (JF)
 - 18.11 *Joan C. Lavine v. State Water Resources Control Board, Los Angeles Regional Board, and Cal/EPA*, Los Angeles County Superior Court, Case No. BS 143391

[Challenging the State Water Board's Onsite Wastewater Treatment System Policy].

- 18.12 *In re: Los Angeles Region Water Permit – Cities of Los Angeles County*, Commission on State Mandate Test Claim No. 13-TC-01 [Regarding a test claim filed by several cities within Los Angeles County alleging that portions of Order No. R4-2012-0175 created unfunded state mandates]. (JF)
- 18.13 *In re: Los Angeles Region Water Permit – County of Los Angeles*, Commission on State Mandate Test Claim No. 13-TC-02 [Regarding a test claim by the County of Los Angeles and Los Angeles County Flood Control District alleging that portions of Order No. R4-2012-0175 created unfunded state mandates]. (JF)
- 18.14 Consultation with counsel about:
- (a) A judicial or administrative adjudicatory proceeding that has been formally initiated to which the Regional Board is a party;
 - (b) A matter that, based on existing facts and circumstances, presents significant exposure to litigation against the Regional Board; or
 - (c) A matter which, based on existing facts and circumstances, the Regional Board is deciding whether to initiate litigation. (JF/FM/NK)
- 18.15 Consideration of the appointment, employment, or evaluation of performance about a public employee. (JF/FM/NK)
19. **Adjournment of current meeting.** The next regular meeting of the Board will be held on November 6, 2014 at the Metropolitan Water District of Southern California (Board Room), located at 700 North Alameda Street, Los Angeles, California 90071, beginning at 9:00 am.

**

Ex Parte Communications: An ex parte communication is a communication to a board member from any person, about a pending matter, that occurs in the absence of other parties and without notice and opportunity for them to respond. The California Government Code prohibits the board members from engaging in ex parte communications during permitting, enforcement, and other “quasi-adjudicatory” matters. Ex parte communications are allowed on pending general orders (such as general waste discharge requirements, general waivers, and general Clean Water Act section 401 water quality certifications) subject to the disclosure requirements of Water Code section 13287 (for further information and disclosure forms, please visit http://www.waterboards.ca.gov/losangeles/laws_regulations/). The Regional Board discourages ex parte communications during rulemaking and other “quasi-legislative” proceedings. The ex parte rules are intended to provide fairness, and to ensure that the board's decisions are transparent, based on the evidence in the administrative record, and that evidence is used only if stakeholders have had the opportunity to hear and respond to it. Ex parte rules do not prevent anyone from providing information to the water boards or requesting that the water boards take a particular action. They simply require that the information come into the record through proper channels during a duly noticed, public meeting. A board member who has engaged or been engaged in a prohibited ex parte communication will be required to publicly disclose the communication on the record and may be disqualified from participating in the proceeding. For more information, please look at the ex parte questions and answers document found at www.waterboards.ca.gov/laws_regulations/docs/exparte.pdf.

Procedures: The Regional Board follows procedures established by the State Water Resources Control Board. These procedures are established in regulations commencing with

section 647 of title 23 of the California Code of Regulations. The Chair may establish specific procedures for each item, and consistent with section 648, subdivision (d) of title 23 of the California Code of Regulations may waive nonstatutory provisions of the regulations. Generally, all witnesses testifying before the Regional Board must affirm the truth of their testimony and are subject to questioning by the Board Members. The Board does not, generally, require the designation of parties, the prior identification of witnesses, or the cross examination of witnesses. Generally, speakers are allowed three minutes for comments. Any requests for an alternate hearing process, such as requesting additional time to make a presentation, should be made to the Executive Officer in advance of the meeting, and under no circumstances later than 5:00 p.m. on the Thursday preceding the Board meeting. The provisions of this paragraph shall be deemed superseded to the extent that they are contradicted by a hearing notice specific to a particular agenda item.

Written Submissions: Written materials (whether hand-delivered, mailed, e-mailed, or facsimiled) ***must be received prior to the relevant deadline*** established in the agenda and public notice for an item. If the submitted material is more than 10 pages or contains foldouts, color graphics, maps, or similar items, 12 copies must be submitted prior to the relevant deadline.

Failure to comply with requirements for written submissions is grounds for the Chair to refuse to admit the proposed written comment or exhibit into evidence. (Cal. Code Regs. tit. 23, § 648.4(e).) The Chair may refuse to admit written testimony into evidence unless the proponent can demonstrate why he or she was unable to submit the material on time or that compliance with the deadline would otherwise create a hardship. In an adjudicatory matter, where there is a showing of prejudice to any party or the Board from admission of the written testimony, the Chair may refuse to admit it.

Administrative Record: Material presented to the Board as part of testimony that is to be made part of the record must be left with the Board. This includes photographs, slides, charts, diagrams, etc. All Board files pertaining to the items on this Agenda are hereby made a part of the record submitted to the Regional Board by staff for its consideration prior to action on the related items.

Accessibility: Individuals requiring special accommodations or language needs should contact Dolores Renick at (213) 576-6629 or drenick@waterboards.ca.gov at least ten working days prior to the meeting. TTY/TDD Speech-to-Speech users may dial 7-1-1 for the California Relay Service.

Availability of Complete Agenda Package: A copy of the complete agenda package is available for examination at the Regional Board Office during regular working hours (8:00 a.m. to 5:00 p.m. Monday through Friday) beginning 10 days before the Board meeting. Questions about specific items on the agenda should be directed to the staff person whose name is listed with the item.

Continuance of Items: The Board will endeavor to consider all matters listed on this agenda. However, time may not allow the Board to hear all matters listed. Matters not heard at this meeting may be carried over to the next Board meeting or to a future Board meeting. Parties will be notified in writing of the rescheduling of their item. Please contact the Regional Board staff to find out about rescheduled items.

Challenging Regional Board Actions: Pursuant to Water Code section 13320, any aggrieved person may file a petition to seek review by the State Water Resources Control Board of most actions taken by the Regional Board. A petition must be filed within 30 days of the action. Petitions must be sent to State Water Resources Control Board, Office of Chief Counsel; ATTN: Phil Wyels, Assistant Chief Counsel; 1001 "I" Street, 22nd Floor; Sacramento, CA 95814.

ORDER OF ITEM

Thursday, October 9, 2014

Item 17

Board Workshop on Draft Watershed Management Programs for the Los Angeles County Municipal Separate Storm Sewer System (MS4) Permit
(Order No. R4-2012-0175, NPDES Permit No. CAS004001)

1.	Opening remarks by Chair	Approx. 10 minutes
2.	Board Staff Presentation	Approx. 25 minutes
3.	Permittees' Presentations (Individual WMPs)	
	A. El Monte	5 minutes maximum
	B. La Habra Heights	5 minutes maximum
	C. Walnut	5 minutes maximum
	D. Carson	5 minutes maximum
	E. Compton	5 minutes maximum
	F. Gardena	5 minutes maximum
	G. Irwindale	5 minutes maximum
	H. Lawndale	5 minutes maximum
	I. South El Monte	5 minutes maximum
	J. West Covina	5 minutes maximum
4.	Permittees' Presentations (Group WMPs)	
	K. SMB Jurisdictional Group 7 area within City of LA	5 minutes maximum
	L. Los Cerritos Channel	10 minutes maximum
	M. Alamitos Bay/Los Cerritos Channel	5 minutes maximum
	N. Lower San Gabriel River	10 minutes maximum
	O. Lower Los Angeles River	10 minutes maximum
	P. Los Angeles River Upper Reach 2	10 minutes maximum
	Q. East San Gabriel Valley	10 minutes maximum
5	Environmental Groups	
	R. Heal the Bay, NRDC, and LA Waterkeeper	20 minutes maximum
6	All other interested persons not identified above	3 minutes maximum each



Environmental Protection Agency

- State Water Resources Control Board
- Los Angeles Regional Water Quality Control Board

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Name	Mail Address Company Name/Organization	E-Mail Address or Telephone Number	Add Name to Mail List
MARTA BROWN	Building Industry Association LA/Ventura Chapter	mgbrown@binala.org	✓
TERRI CRAIN	SCV Chamber of Commerce	tcrain@scvchamber.com	
SANDOWNE GOAD	Gabrielino/Tongva Nation 106 1/2 Judge John Aiso St #231, LA CA 90012	sgoad@gabrielino-tongva.com	✓
CHRISTOPHER BLATTER	Vopak Terminal 401 Canal St. Wilmington CA 90744	chris.blatter@vopak.com	✓
Rob Ry	VCAWQC 916 W. Ventura Blvd., Canby, CA 93010	rob-ry@pacbell.net	
Mike Solomon	UWCD 106 N. 8th St. Santa Paula, CA 93060	msolomon@unitedwater.org	✓
Tony Morgan	VWCD	TONYM@UNITEDWATER.ORG	✓
Martha Hernandez	County of Ventura BOS 8005 Victoria Ave CA 93009 Van., Ca 93009		

RB-AR2090

NAME	MAIL	EMAIL OR PHONE	✓ ADD NAME TO MAIL LIST
Gina N Ha	2535 Commerce Way, Commerce City of Commerce	gina@c1.commerce.ca.us	✓
Gerald Greene	CWE 1501 E. Orange thorne Fullerton	ggreene@cwecorp.com	✓
RICK VALTE	CITY OF SANTA MONICA 1437 4th ST SUITE 300 SANTA MONICA, CA 90401	rick.valte@simgov.net	
Hamid Tadayon	1149 S. Broadway, Los Angeles, 90015	Hamid.Tadayon@lacity.org	
B. J. Atkins	P. O. Box 222320 Santa Clarita, CA 91322-2320	bjatkins@atkinsenvironmental.com	✓
Joe Hannon	1245 N. Hacienda Rd	jhannon@hotmail.com	✓
Cynthia Gabaldon	LaVerne, Ca	Cynthia.Gabaldon@CGRME.com	✓
Bronwyn Kelly	300 N. Lake Ave, Ste 400 Pasadena, CA 91101 MWH	bronwyn.kelly@mwhglobal.com	✓
GLENN MICKO	111 N. HOPE ST., LOS ANGELES, CA 90012	glenn.james.micko@ladwp.com	✓
Latoya Cyrus	SAN DIMAS, CA.	lcyrus@c1-san-dimas-ca.us	
Kimberly Colbert	Claremont	Kimberly@colbertgroup.com	

RB-AR2091



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Name	Mail Address Company Name/Organization	E-Mail Address or Telephone Number	Add Name to Mail List
Samantha Marquez	Asm. Ian Calderon	samantha.marqueza@asmca.gov (502) 695-5858	✓
MARK PALAMOUNTAIN	LIMONEIRA	MARK@LIMONEIRA.COM 415-305-3223	
Alicia Thompson	NBVC	alicia.p.thompson@navy.mil	
Matt Bao	LACSD SCUSD	mbao@lacsd.org	
GRACE HYDE	" "	ghyde@lacsd.org	
PHIL FRIESS	" "	pfriess@lacsd.org	
SHARON GREEN	" "	sgreen@lacsd.org	
Alyssa Curran	Community Conservation Solutions	acurran@conservationsolutions.org	

RB-AR2092

Add to mailing list

email or telephone No.

mail Address company Name

NAME

Elizabeth Rodriguez	ersdinguez2@ci.inwindle.ca.us 5050 N. Inwindle Ave. Inwindle CA 91706	WEN-JASON@YAHOO.COM	626-430-2241	yes
JASON WEN	9252 Stewart and Gray Road Downey, CA 90241	WEN-JASON@YAHOO.COM		already
Zora Baharians	City of LA	zora-baharians@lacity.org		✓
Ara Movsessian	1401 North Broadway, Los Angeles, CA 90012 Cordoba Corporation	amovsessian@cordoba-corp.com		Yes
Bernardo Iniguez	City of Bellflower	b.iniguez@bellflower.org		✓
Meg Malach	City of Pomona			
Julie Carver	City of Pomona			



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Name	Mail Address Company Name/Organization	E-Mail Address or Telephone Number	Add Name to Mail List
Esther Feldman	Community Conservation Solutions	efeldman@conservationsolutions.org	
Janna Watangkhe	PART of Loma Beach	janna.watangkhe@polb.com	
Dee Rathman	YSC	drathman2@aol.com	
PAUL AHW	SOUTHERN CALIFORNIA EDISON	PAUL.AHW@SCE.COM	
DAN MASNADA	CASCADE LAKE WATER AGENCY	dmasnada@clwa.org	✓
Dee Rathman	Youth Science Center	drathman2@aol.com	
Phillip Flores	CITY OF AZUSA 213 EAST FATHILL BLVD AZUSA CA	PFlores@ci.azusa.ca.us	✓
DAVID DUNN	ESC - EAST - LAUSD 2151 N. Soto St LA 90032	david.dunn@lausd.net	

RB-AR2094

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Name	Mail Address Company Name/Organization	E-Mail Address or Telephone Number	Add Name to Mail List
Steve Cole	NCWD	SCOLE@NCWD.ORG	
Jeanne Duarte	CVOne Water	jduarte@swres.org	
Erika Bensch	LACSD	edehollan@lacsd.org	
Taewon Kim	PORTLA	tkim@portla.org	
Berinde Faustus	SGRDC Foundation	bfaustus@gmail.com	
Cam Wolff		camandjenny@Netzero.net	
PARK KANOWSKY	VALLEY INDUSTRIAL ASSO.	CK CK@KANOWSKYLAW.COM	X
Allan Cameron	AFFORDABLE CLEAN WATER ALLIANCE	AC_CDC@ASX.COM	X

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Name	Mail Address Company Name/Organization	E-Mail Address or Telephone Number	Add Name to Mail List
Shana Rapoport	LARWQCB	srapoport@waterboards.ca.gov	
KEN MANNING	SAN GABRIEL BASIN WQA Discovery CTR Foundation	ken@wqa.com	
TIM BEN BOYASTON	SANTA CLARITA CITY HALL	TBOYOSTON@SANTA-CLARITA.COM	X
ANNIE LIM	PORT OF CA 425 PAVAS WARDEN ST.	lim@portca.com	
Peter Shellenbarger	Heal the Bay	pshellenbarger@healthebay.org	
Hugo Garcia	SGRDCA	hgarcia4432@gmail.com	✓
TED EBENKAMP	walnut valley water District	te44444@hotmail.com	
RON CHONG	Youth Science Center	ron.chong@roadrunner.com	✓

Clavdi Arellano City of Vernon 4305 Santa Fe Ave, Vernon, CA 90058 carellano@ci.vernon.ca.us

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Name	Mail Address Company Name/Organization	E-Mail Address or Telephone Number	Add Name to Mail List
Linda Lee Miller	LA Co. Dept. of Public Works	LLEE@dpw.lacounty.gov	X
Eveline Mutkowske	County of Ventura	eveline.mutkowske @ventura.org	
ARNE ANSELM	VENTURA WATERSHED PROTECTION	ARNE.ANSELM@ VENTURA.ORG	
Richard Watson	Richard Watson & Associates	rwatson@rwd planning.com	
ED SUHER	CASC ENGINEERING, REP. EI MONTE	esuhereaei-casc.com	
Catherine Tyrrell		ctyrrell@mcwater.org	
Lisa Rapp	City of Lakewood	lrapp@lakewoodcity.org	
Krissy Vivanti	City of Lakewood	Kvivantia@Lakewood City.org	
ANTHONY AREVALO	CITY OF LONG BEACH	ANTHONY.AREVALO@LONGBEACH.GOV	

RB-AR2100

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State of California



Los Angeles Regional Water Quality Control Board

SPEAKER REQUEST CARD

Date: 10/9/14

I wish to speak during the Board Meeting:

I wish to speak during Public Forum (non-agenda item).

I wish to speak on Agenda Item No. 17

I do not wish to speak, but express the following position:

I SUPPORT Agenda Item No. I OPPOSE Agenda Item No.

Name: Noah Garris Representing Environmental Groups NRDC, Health
Waterkeeper

State of California



Los Angeles Regional Water Quality Control Board

SPEAKER REQUEST CARD

Date: 10.9.14

I wish to speak during the Board Meeting:

I wish to speak during Public Forum (non-agenda item).

I wish to speak on Agenda Item No. 17

I do not wish to speak, but express the following position:

I SUPPORT Agenda Item No. I OPPOSE Agenda Item No.

Name: RBY TASHIN Representing RB-AR2102 GARDENA, CARSON,
LOWDALE, L.COV., S. EL MONTE

State of California



Los Angeles Regional Water Quality Control Board

SPEAKER REQUEST CARD

Date: 10/9/2014

I wish to speak during the Board Meeting:

I wish to speak during Public Forum (non-agenda item).

I wish to speak on Agenda Item No. 17

I do not wish to speak, but express the following position:

I SUPPORT Agenda Item No. I OPPOSE Agenda Item No.

Name: JOYCE DILLARD Representing _____

State of California



Los Angeles Regional Water Quality Control Board

SPEAKER REQUEST CARD

Date: 10/9/14

scheduled
I wish to speak during the Board Meeting:


I wish to speak during Public Forum (non-agenda item).

scheduled
I wish to speak on Agenda Item No. 17 4. P

I do not wish to speak, but express the following position:

I SUPPORT Agenda Item No. **RB-AR2103** | OPPOSE Agenda Item No.

Name: Dr. Gerald Greene Representing LAR UR2 Group



Board Workshop on Draft Watershed Management Programs submitted under the LA County MS₄ Permit

Item 17
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Overview of Draft Submittals

- Seventeen Watershed Management Program Submittals
 - Seven Group WMPs
 - 33 Participating Permittees
 - Range in size from 2 to 13 Permittees
 - Ten Individual Submittals
 - 43 Permittees (50%) participating in WMPs



Locations of WMPs

San Gabriel Valley area

- #7 - East San Gabriel Valley WMP
- El Monte
- Irwindale
- South El Monte
- West Covina
- Walnut
- La Habra Heights

#8 - Lower San Gabriel River

#9 & 18 - - Alamos Bay/Los Cerritos Channel

#3 - Los Angeles River Upper Reach 2

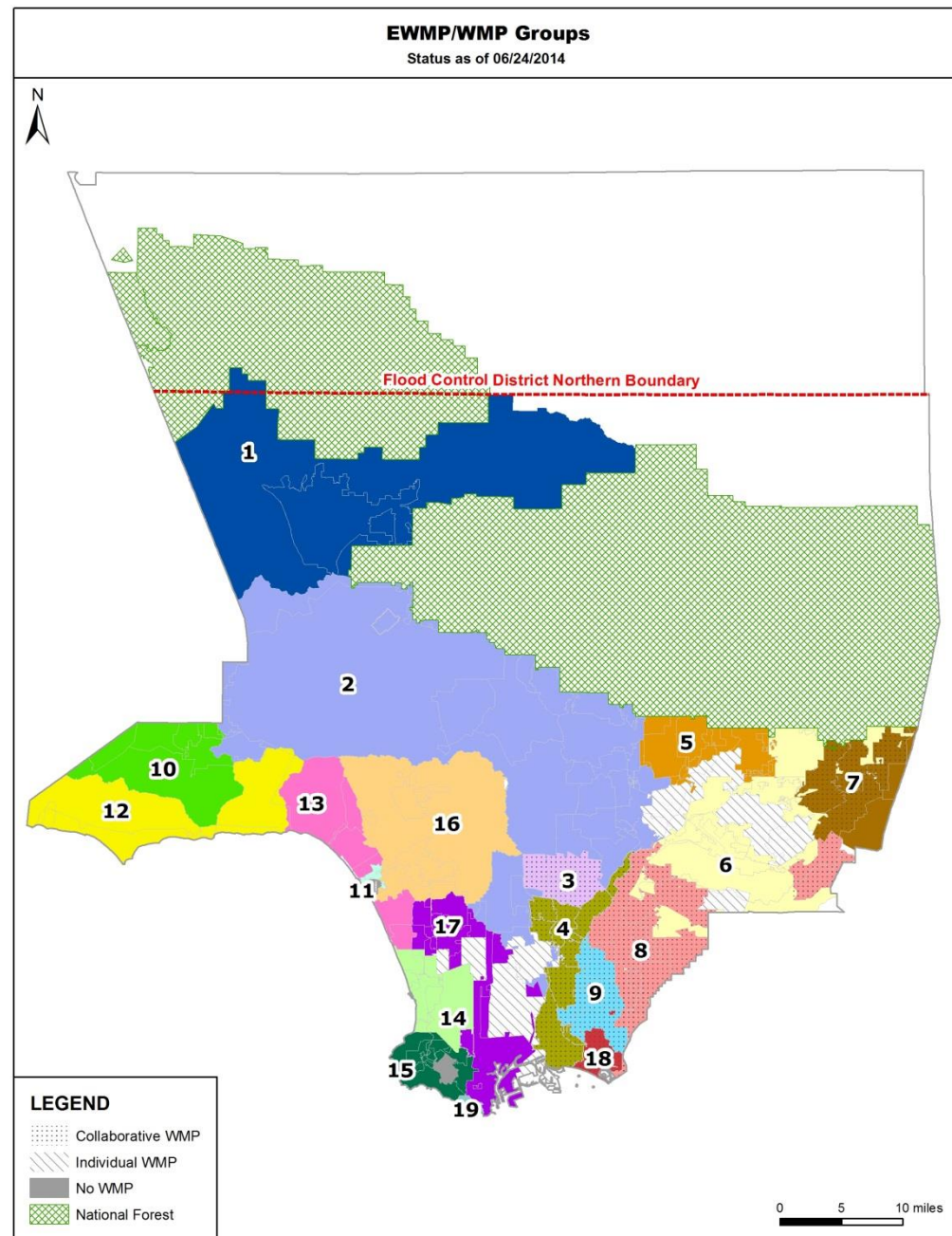
#4 - Lower Los Angeles River and environs

- Compton
- Carson

Dominguez Channel area

- Lawndale
- Gardena

#19 - SMB Jurisdictional Group 7 area in City of Los Angeles (PV Peninsula)





Approach to WMP Review & Status of Review

- Lead staff for each WMP
 - Other Regional Board staff experts
 - Modeling review
 - TMDL requirements
 - Monitoring elements
 - EPA Region IX staff
- Completed review of 10 Individual WMPs
- Review of 7 Group WMPs continues
 - Complete by end of month



Summary of Key Strengths

- Water quality characterization
 - Receiving water
 - Outfall investigation & monitoring
- Identification of water quality priorities beyond TMDLs
- Reasonable Assurance Analysis
- Multi-pronged/tailored approaches to water quality improvement based on characteristics of WMP Group/Permittee
- Adaptive management process



General Areas for Improvement

- Source assessment related to pollutant contributions from MS₄ discharges*
- Addressing all water quality priorities in RAA and WMP
- Greater detail on Watershed Control Measures to meet early deadlines
- Support for pollutant reductions anticipated from source control (e.g., zinc, lead) and non-structural BMPs
- In some cases, greater support for implementation timeframes



Examples of Watershed Control Measures

- Stormwater capture & use BMPs at public parks
- Infiltration to dry wells
- Constructed wetlands
- Vacant lot ordinance (to address TSS & associated pollutants)
- Green streets / BMPs in rights-of-way
- LID for new and redevelopment
- Enhanced street sweeping



Comments on Draft WMPs

4 Comment Letters Received

- NRDC/Heal the Bay/Los Angeles Waterkeeper
- Ventura Countywide Stormwater Quality Management Program
- Construction Industry Coalition on Water Quality
- Joyce Dillard – Private Citizen



Selected Comments on Draft WMPs

- Watershed characterization and source analyses lack site-specific information
- Waterbody-pollutant classifications and prioritization in the WMPs are insufficient in some cases
- Proposed projects to address runoff and comply with Permit terms lack specificity
- Many Permittees make assumptions with regard to predicted pollution reduction without sufficient support



Selected Comments on Draft WMPs

(continued)

- Many Permittees rely on future legislative or policy changes to reduce current pollutant loads and to justify proposed management actions
- Many proposed compliance deadlines are unreasonably long
- Aggregation of watershed management plan data should occur to understand the entirety of the compliance obligation



Selected Comments on Draft WMPs

(continued)

- The timing of monitoring and capital expenditures for monitoring should be commensurate with installation of appropriate BMPs
- Adaptive management is essential for an effective stormwater program, and monitoring programs require flexibility to provide useful information to guide management decisions



Overview of Review to Date

- Seven submittals determined to be deficient
 - Due to significant omissions with regard to required elements
- Remainder on the right path
 - Some require additional modeling or adjustments to modeling to meet RAA Guidelines
 - A number require more detail on Watershed Control Measures to be implemented in the near term
 - A number require more detail on implementation schedules for proposed BMPs

Next Steps

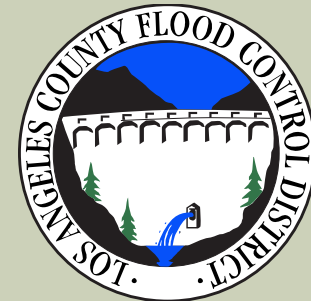
- Complete Review of Draft WMPs
 - Provide Comments to Permittees
 - Permittees Revise WMPs
- Complete Review of IMPs/CIMPs
- Continue to Provide Input on EWMPs



Item #17: Board Workshop

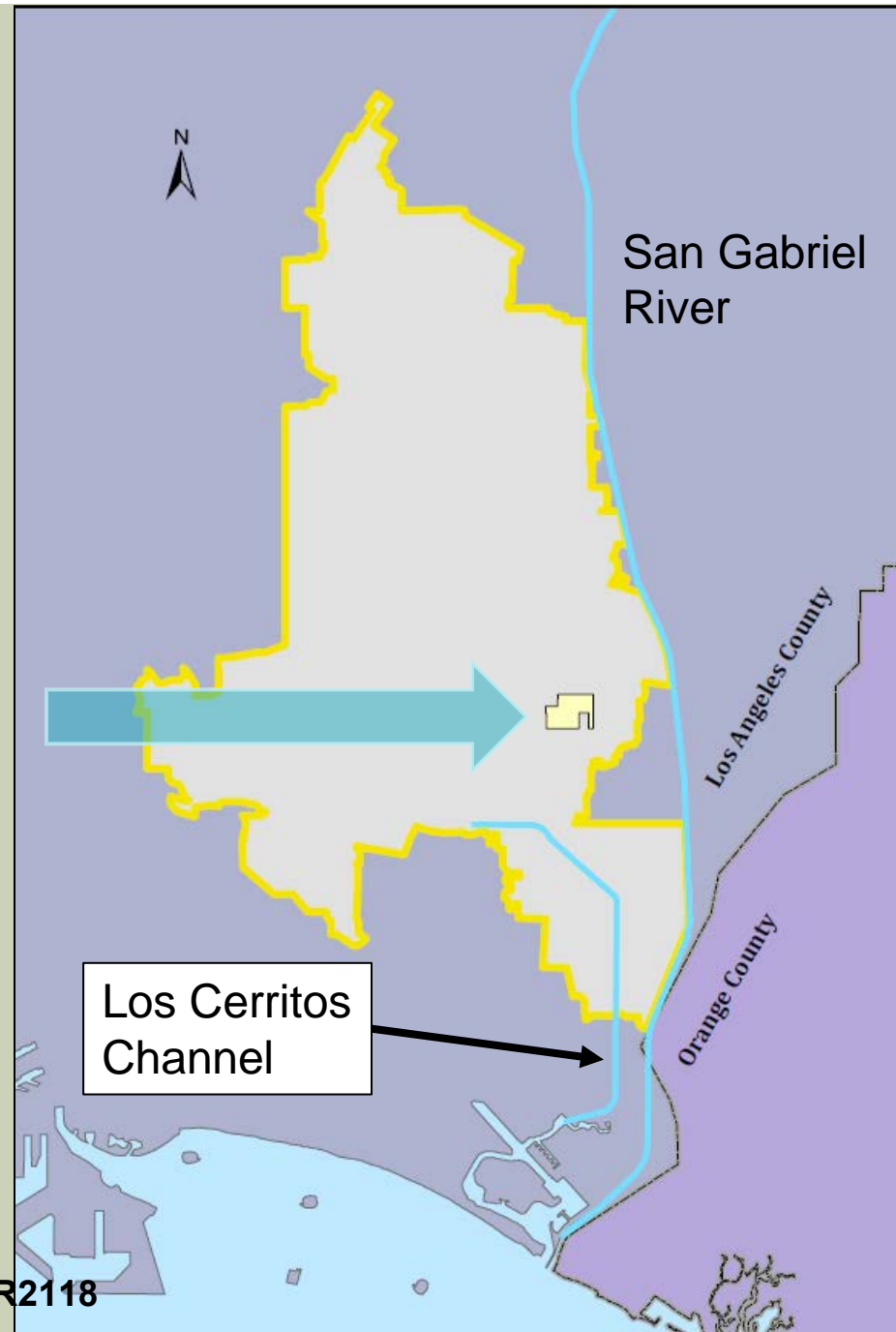
Alamitos Bay and Los Cerritos Channel Watershed Management Area

Watershed Management
Program Approach
October 9, 2014



Unincorporated County Island

- Located in Los Cerritos Channel Watershed
- Landlocked by the City of Long Beach
- 95 acres



RB-AR2118

Unincorporated County Island



- Predominately single family residential neighborhood
- 3 catch basins



RB-AR2119

Water Quality Priorities

County Island

- Los Cerritos Channel Metals TMDL
- Greater Harbors Toxics TMDL

Waterbody	Category 1 (Highest Priority)		Category 2 (High Priority)	Category 3 (Medium Priority)	Low Priority Pollutants
	Pollutant	TMDL			
Los Cerritos Channel	Copper (wet and dry)	LCC Metals	Ammonia	MBAS	Cadmium (wet)
	Lead	LCC Metals/DC Toxics	Bis(2ethylhexyl) phthalate (DEHP)	Enterococcus	Chlorpyrifos (wet)
	Zinc	LCC Metals/DC Toxics	Chlordane (Sediment)		Chromium (wet)
	DDT (fish tissue)	DC Toxics	Coliform Bacteria		Diazinon (wet and dry)
	PCBs (fish tissue)	DC Toxics	Trash		Dissolved Silver (wet)
	Chlordane (fish tissue)	DC Toxics	pH		
	PAHs (sediment)	DC Toxics			
	Toxicity (sediment)	DC Toxics			

Outreach and Stakeholder Input

- Partnered with other WMP groups for a Stakeholder Outreach meeting on April 30th, 2014.
- Received positive remarks from Stakeholders.

Artista
Baldwin
Cerritos
Diamond Bar
Downey
Hawthorn Gardens
La Mirada
Lakewood
Long Beach
Norwalk
Paramount
Pico Rivera
Santa Fe Springs
Signal Hill
The County of Los Angeles
Whittier
Los Angeles County Flood Control District

**Lower San Gabriel River
and Los Cerritos Channel
Watershed Committees**


**You are cordially invited to a presentation of
the Draft Watershed Management Program**



**Date: April 30th, 2014
Time: 9 am
Location: City of Lakewood Civic Center/
Sycamore Room (5000 Clark Ave. Lakewood, CA 90712)**







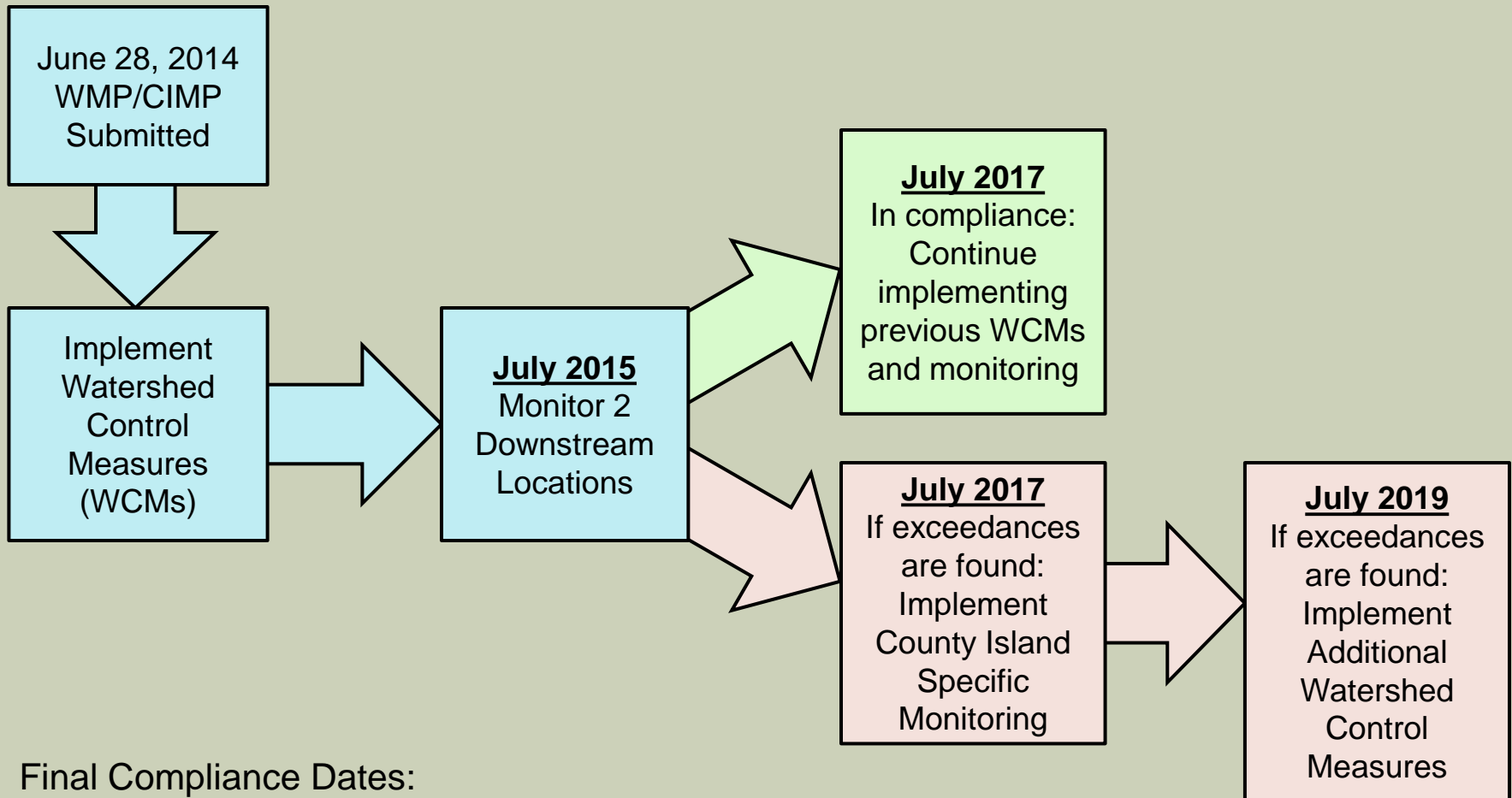
The Los Cerritos Channel (LCC) and Lower San Gabriel River Watersheds are preparing Draft Watershed Management Programs (WMPs). The goal is to improve the quality of Stormwater and Urban runoff.

The WMP is only in Draft form and will be submitted to the Regional Board on June 28, 2014. This presentation will cover the general approach and concepts followed in developing the WMP. Your input and comments will be appreciated. Detailed technical comments will be welcome, but will not necessarily be incorporated until after the initial review by the Regional Board.

No RSVP is needed. For questions, please call
Konya Vivanti at (562) 866-9771 ext. 2507, Rich Watson at (949)855-6272 or
John Hunter at (562) 802-7880 ext. 21.

Pollutant Reduction Strategy

- Computer modeling shows a 72% reduction in zinc is needed by 2026



Final Compliance Dates:

2023: Los Cerritos Channel Metals TMDL- Dry Weather

2026: Los Cerritos Channel Metals TMDL- Wet Weather

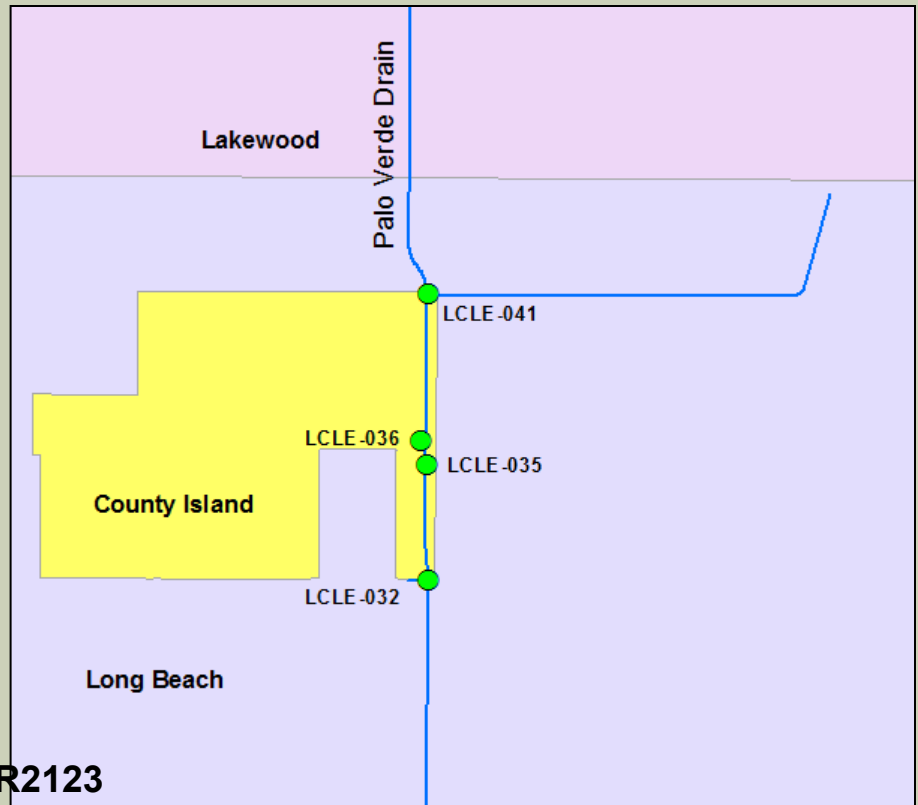
2032: Harbors Toxics TMDL

RB-AR2122

Non-Storm Water Outfall Based Monitoring



- County Island has 4 outfalls into Palos Verde Drain
- 2 screenings have been conducted so far
- No significant flow



RB-AR2123

Selected Watershed Control Measures

- Enhanced Street Sweeping
- Vacuum sweepers capture fine sediments that metals are bound to



RB-AR2124

*Image courtesy of Elgin Sweepers

Selected Watershed Control Measures

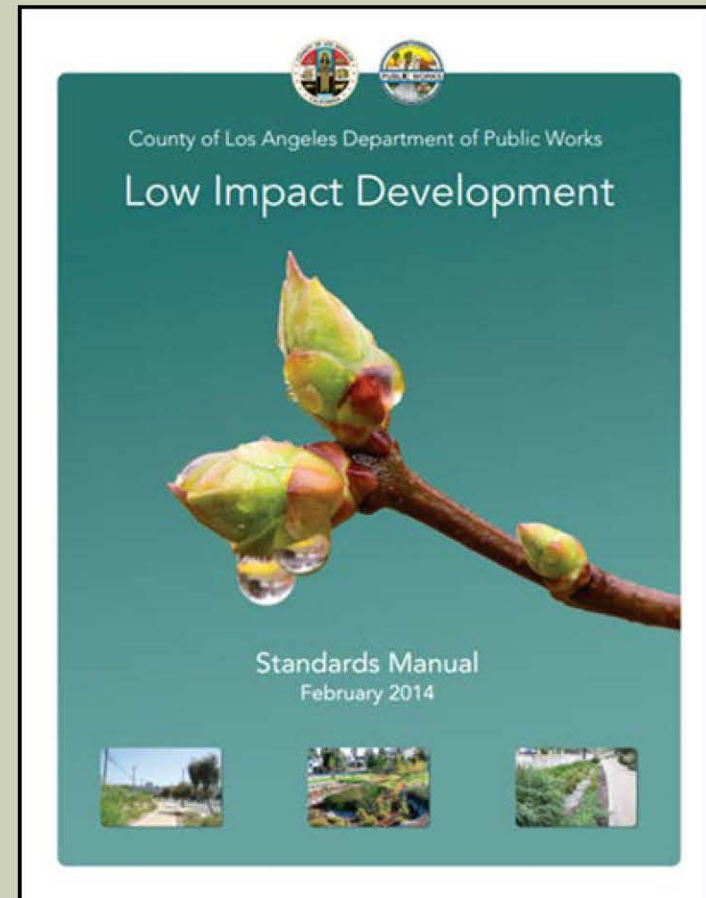
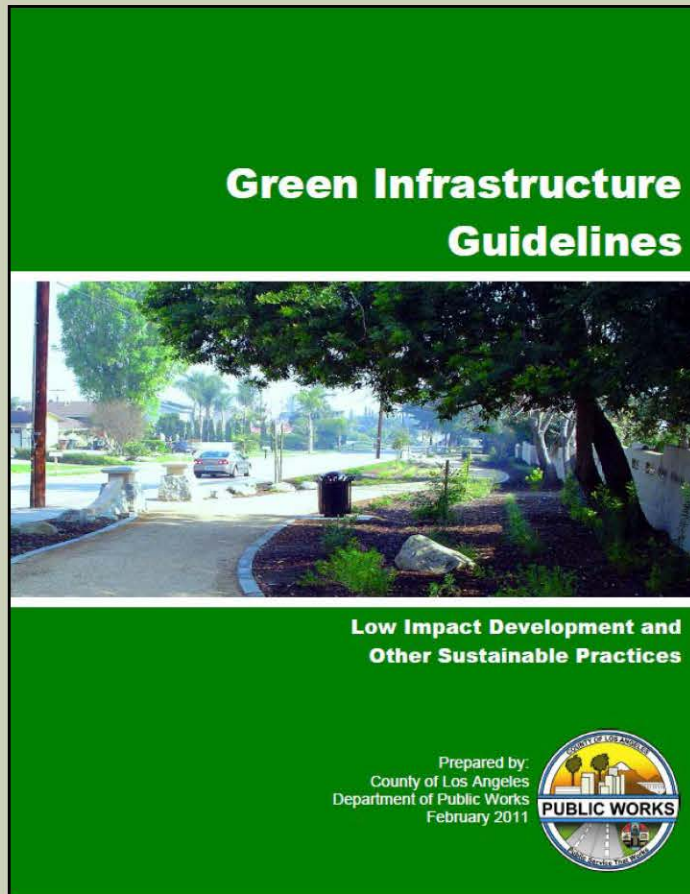
- Full capture devices and automatic retractable screens
- Reduce trash and sediment from entering storm drain system
- Increased catch basin cleanout



RB-AR2125

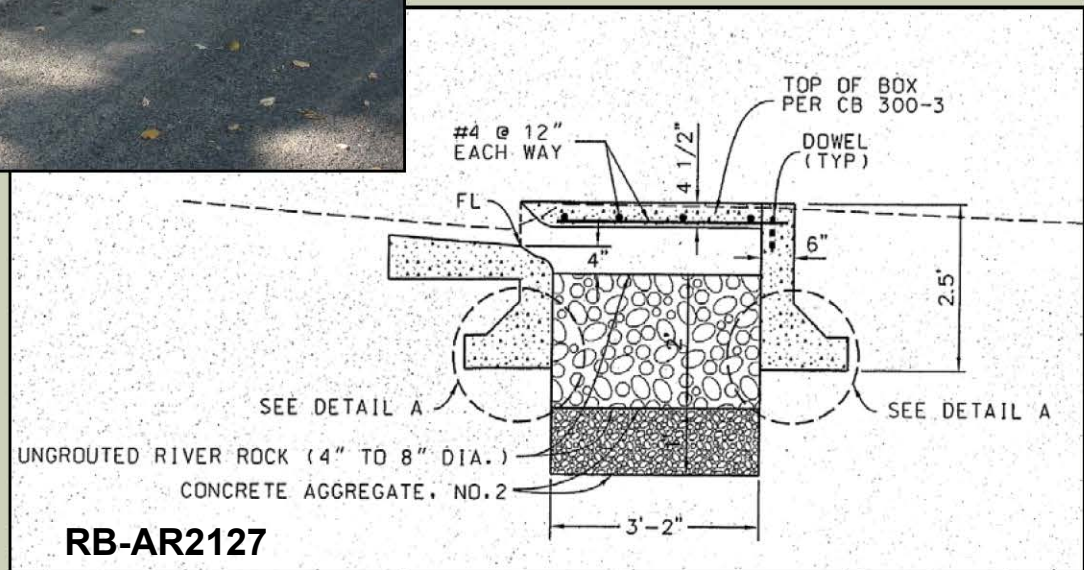
Selected Watershed Control Measures

- Green Streets Policy/Green Infrastructure Guidelines are in place
- Low Impact Development Ordinance is in place



Potential Watershed Control Measures

- Pervious Catch Basins



Potential Watershed Control Measures

- Modular Wetlands



RB-AR2128

Next Steps

- **Implement identified WCMs**
- **Monitoring efforts have begun**
- **Evaluate monitoring data**
- **Implement additional WCMs to meet water quality priorities**



County of Los Angeles
Department of Public Works
dpw.lacounty.gov

BILL JOHNSON, P.E.
Watershed Management Division

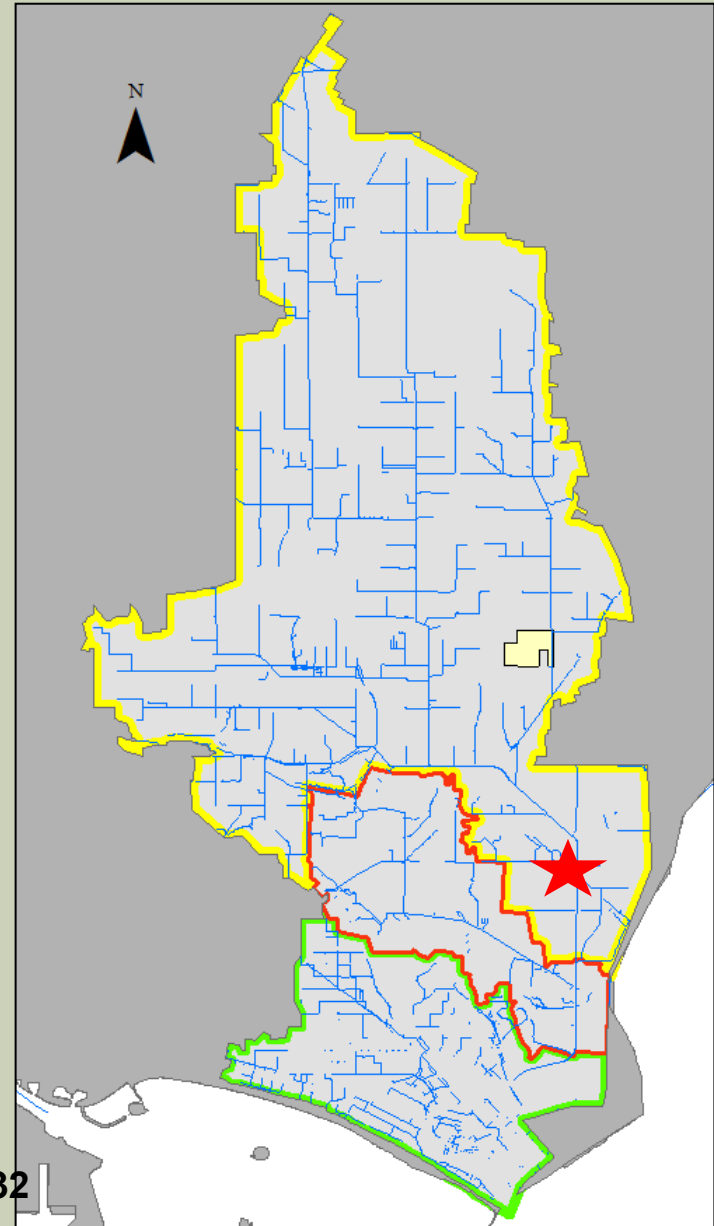
(626) 458-4319
wjohnson@dpw.lacounty.gov

Bullpen Slides

RB-AR2131

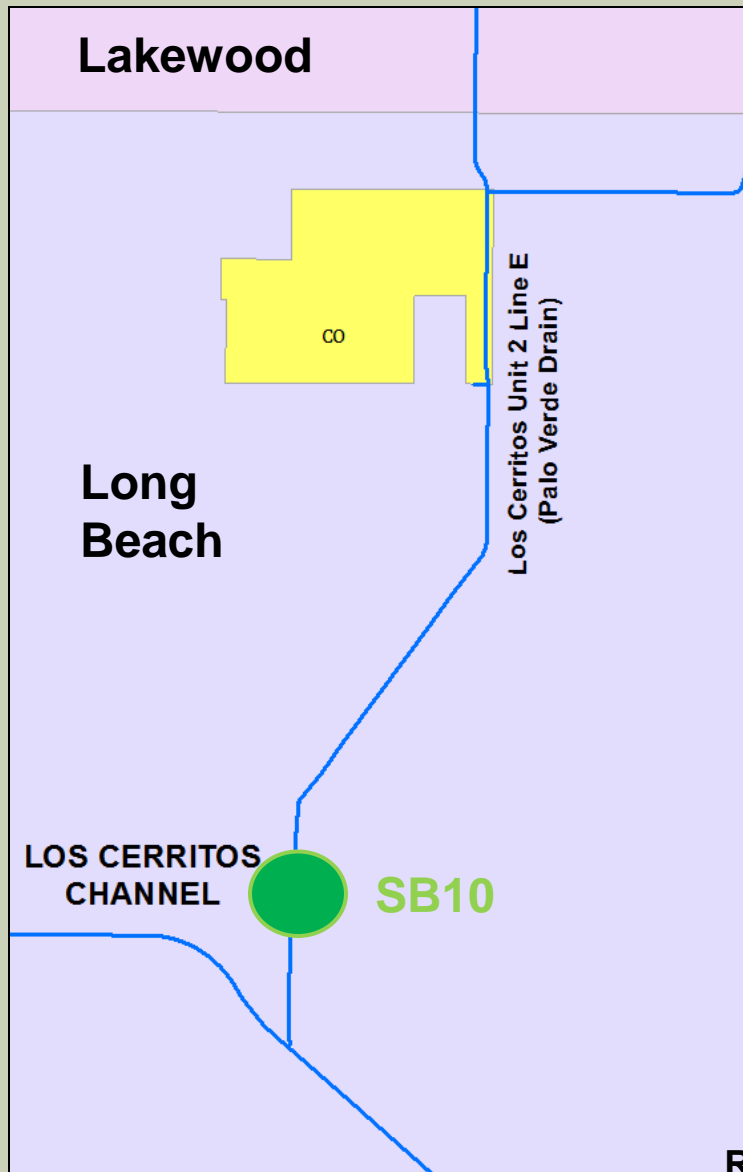
Receiving Water/LCC Metals TMDL Monitoring Site

- LACFCD and County to partner with Los Cerritos Channel Group for Receiving Water/LCC Metals TMDL site.
- Existing City of Long Beach Mass Emission Site at Stearns Street.
- Site has been operational since 2000.



RB-AR2132

Storm Water Outfall/LCC Metals TMDL



- Group to partner with LCC Group for a new site SB10
- TMDL site along Palo Verde Drain.
- Adjacent to invert access ramp.
- An autosampler to be installed.



Receiving Water TMDL Site: Dominguez Channel and Greater Los Angeles/Long Beach Harbors Toxics TMDL



- County and LACFCD are both partners with the Greater Harbors Regional Monitoring Coalition

Receiving Water TMDL Site: Colorado Lagoon Toxics



WS1 -4: Water Quality Sites
F1-2: Fish Sampling Sites
M1-3: Mussel Collection Sites

- LACFCD partnering with City of Long Beach on Colorado Lagoon Toxics TMDL plan preparation and monitoring.

City of El Monte

Draft Watershed Management Program (WMP)

Ed Suher, P.G.

CASC Engineering and Consulting

October 9, 2014



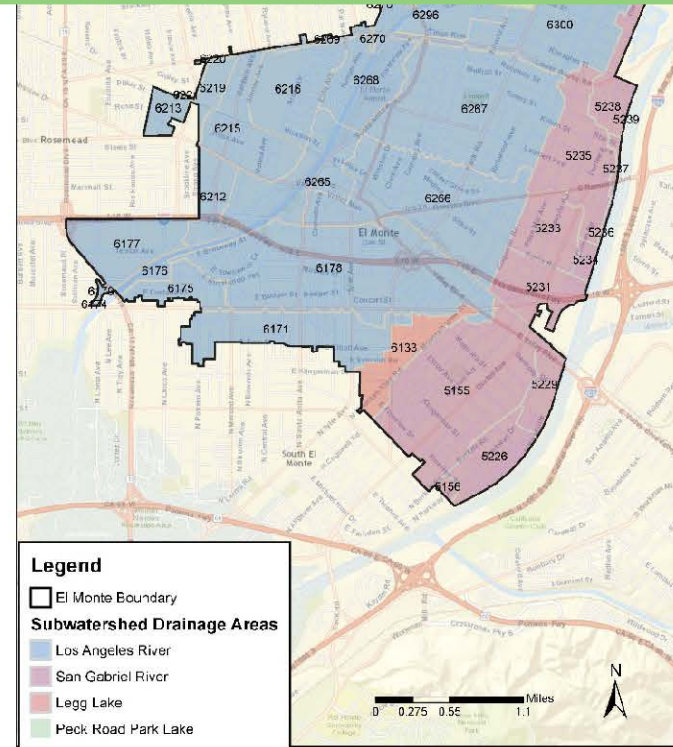
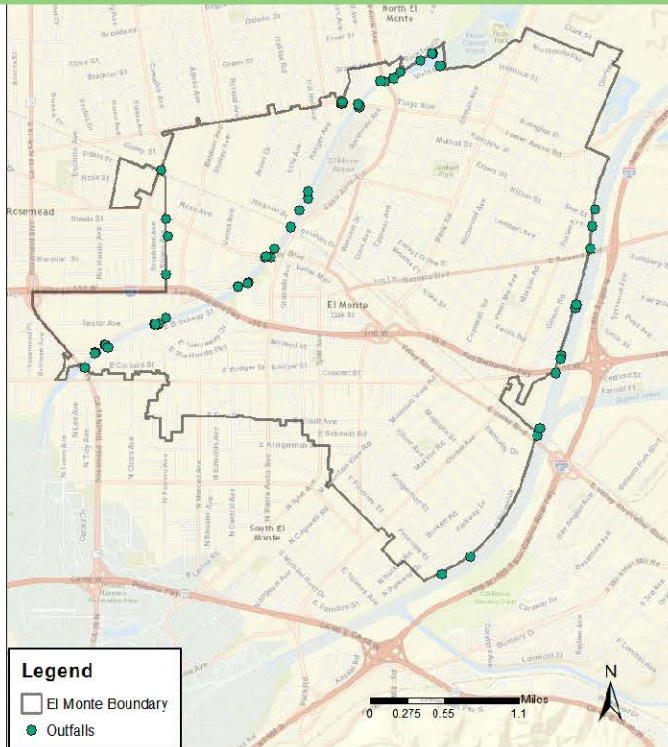
RB-AR2136

Draft Watershed Management Program

- Permittee: City of El Monte (Individual WMP)
- Los Angeles River and San Gabriel River Watersheds
- Principle Receiving Waters: Rio Hondo (tributary to Los Angeles River), Legg Lake, and San Gabriel River

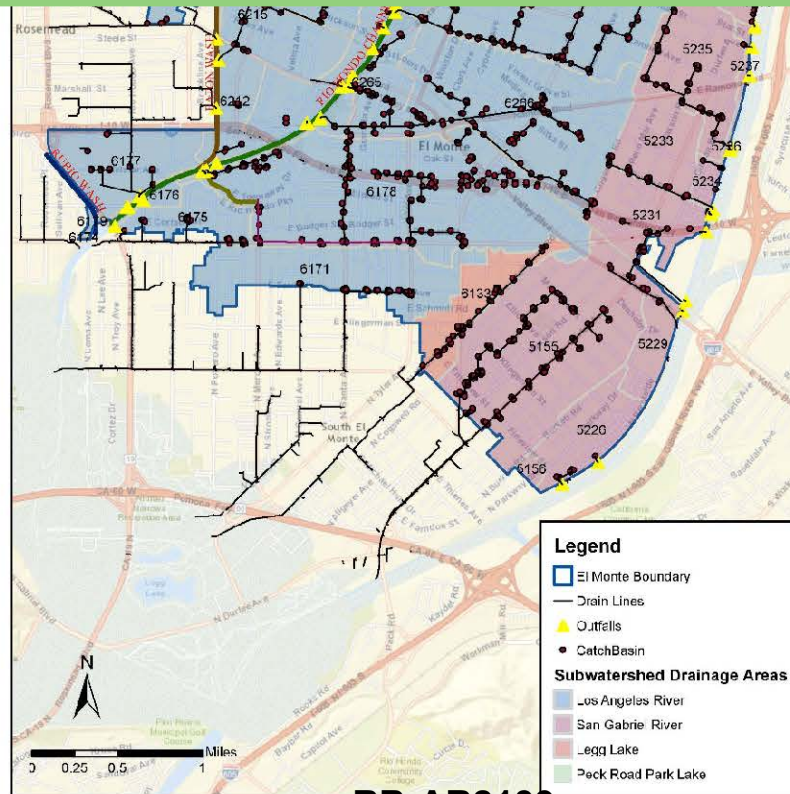


Major outfalls and drainage areas



RB-AR2138

Outfalls, catch basins, and drainage areas



RB-AR2139

Water Quality Priorities

TMDLs (Category 1)

TMDL Name	Water Body	Action
Los Angeles River Watershed Trash TMDL	LA River	Retrofit catch basins with trash excluders
Los Angeles River Nitrogen Compounds and Related Effects TMDL	LA River	None; Modeled concentrations below limits
Los Angeles River and Tributaries Metals TMDL	LA River	None; Modeled concentrations below limits
Los Angeles River Watershed Bacteria TMDL	LA River	Develop Load Reduction Strategy for Bacteria
Los Angeles Area Lakes TMDL (Peck Road Park Lake)	Peck Road Park Lake	None at this time; confirm discharge to lake
Legg Lake Trash TMDL	LA River	Retrofit catch basins with trash excluders
Los Angeles Area Lakes TMDL (Legg Lake Nutrients)	Legg Lake	Retrofit catch basins to remove nutrients
Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL	LA River	Collaborate with Lower Los Angeles River Watershed Group on TMDL monitoring (yearly)
Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL	San Gabriel River	Collaborate with Lower San Gabriel River Watershed Management Group on TMDL monitoring (yearly)
San Gabriel River and Impaired Tributaries Metals and Selenium TMDL	San Gabriel River	None; Modeled concentrations below limits

RB-AR2140

Pollutant Reduction Strategy

- Use modeling and monitoring to target highest concentration areas
- Generate maps to guide implementation of BMPs in targeted areas
- Install distributed BMPs and/or retrofit existing BMPs
- Enhance/modify non-structural BMPs and source controls



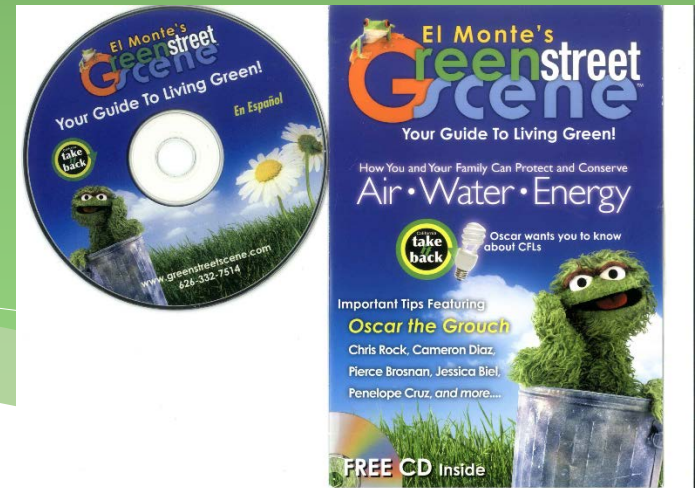
Watershed Control Measures

- Low Impact Development (LID) Ordinance adopted June 10, 2014
- Green Streets Policy implemented in June 2014
- MCMs under review for possible customization
- Structural BMPs: Modular Wetland Systems and catch basin retrofits (distributed; targeted for highest pollutant concentration areas)
- Non-structural BMPs and source control: eliminate overwatering



Outreach and Stakeholder Input

- Heal the Bay (received comments on draft WMP/IMP)
- The Public (received comment on draft WMP/IMP)
- City Departments (receiving training on WMP elements)
- Citizens of El Monte (provided with information on stormwater)
- Local organizations, groups, and schools (City is encouraging involvement)



RB-AR2143

Stormwater improvement projects

Lambert Park and
Ramona Blvd Improvements



RB-AR2144

Integrated Monitoring Program (IMP)

Draft IMP determines/characterizes pollutants and predicts concentrations (through modeling) discharged from MS4, assesses compliance with RWLs and TMDLs, identifies sources of runoff, and uses collected information to improve water quality.

- Establish relationships with surrounding groups to collaboratively monitor Receiving Waters
- Develop storm drain , channels, and outfall maps /database (individually)
- Perform storm water outfall monitoring (individually)
- Perform non-storm water outfall screening and monitoring (individually)
- Conduct New Development/Re-development BMP Effectiveness Tracking (individually)
- Work with other groups conducting Regional Studies and provide monitoring data to help fill in gaps in watershed data (collaboratively)





EAST SAN GABRIEL VALLEY WATERSHED GROUP

WATERSHED MANAGEMENT PROGRAM (WMP) DEVELOPMENT

CITIES OF CLAREMONT, LA VERNE, POMONA,
AND SAN DIMAS



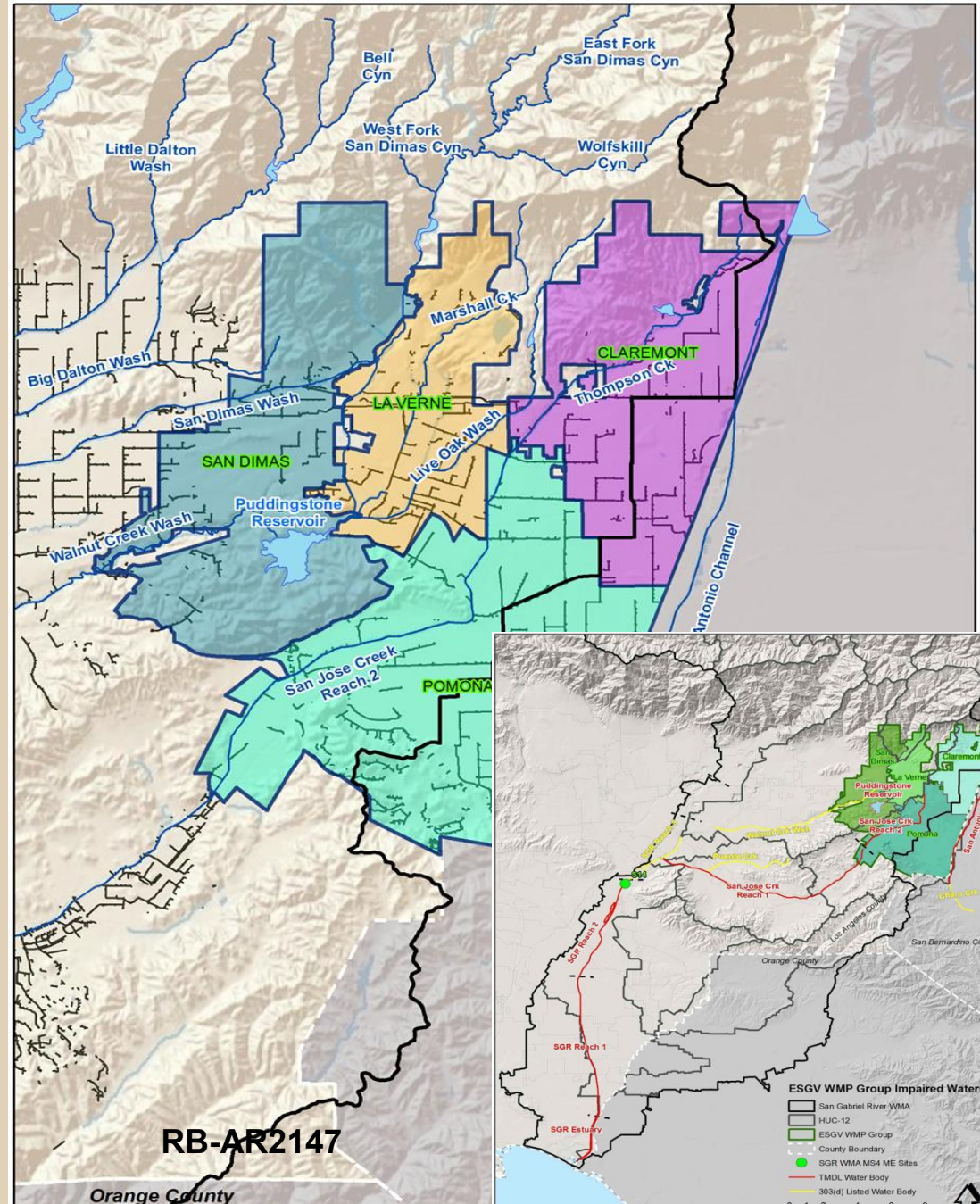
RB-AR2146



EAST SAN GABRIEL VALLEY WMP

Principal Receiving Waters:

- Walnut Creek Wash
- San Dimas Wash
- San Jose Creek
- San Gabriel River
- San Gabriel Estuary



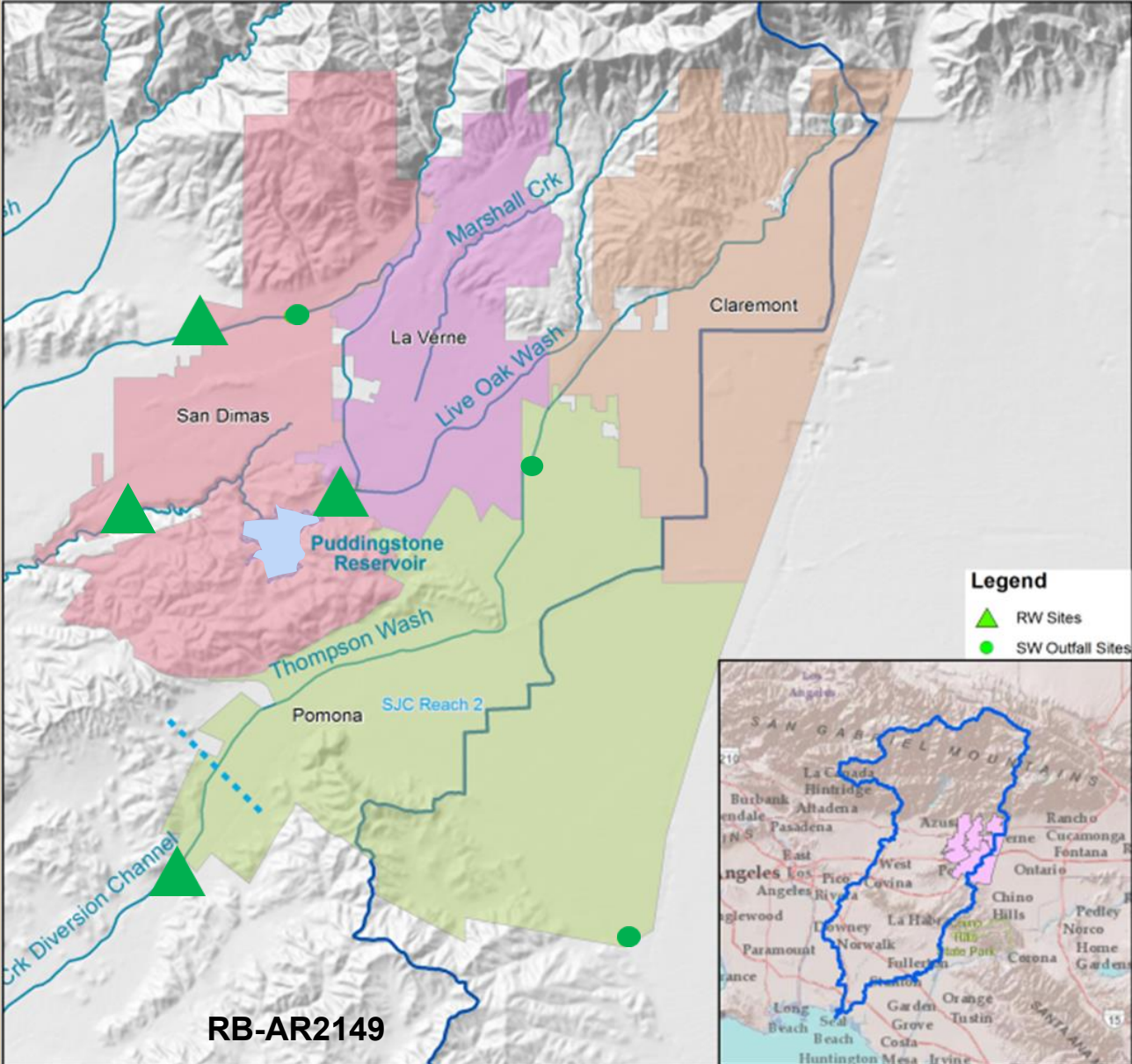
WATER QUALITY PRIORITIES

Water Body	Category 1	Category 2	Category 3
Walnut Creek Wash	Lead (wet weather)	Indicator Organisms, Benthic-Macroinvertebrates, pH	Selenium
San Gabriel River Reach 2	Lead (wet weather)	Indicator Organisms, Cyanide	Cyanide, Selenium, Copper, Lead, Zinc, Mercury, Sulfate, Chloride, Total Dissolved Solids (TDS), Polycyclic Aromatic Hydrocarbons (PAH)
San Gabriel River Reach 3	Lead (wet weather)	Indicator Organisms	Copper, PAH, Dissolved Oxygen (DO), Cyanide
San Jose Creek Reach 1	Selenium (dry weather), Lead (wet weather)	Indicator Organisms, pH, Toxicity, Ammonia, TDS	PAH, DO, Cyanide, Lead, Zinc, Lindane
San Jose Creek Reach 2	Selenium (dry weather), Lead (wet weather)	Indicator Organisms	PAH, DO, Copper
Inflow to Puddingstone Reservoir	Total Nitrogen, Total Phosphorus, Total Mercury, PCB*, Chlordane*, Dieldrin*, DDT*		Copper, Lead, Zinc, Mercury
San Gabriel River Reach 1	Copper (dry weather)	Indicator Organisms, pH	DO, Selenium
San Gabriel Estuary	Copper (dry weather)	DO, Dioxin, Nickel	DO, Selenium, Silver, Lindane
Santa Ana River	Fecal Coliform and E. coli (wet and dry weather)		

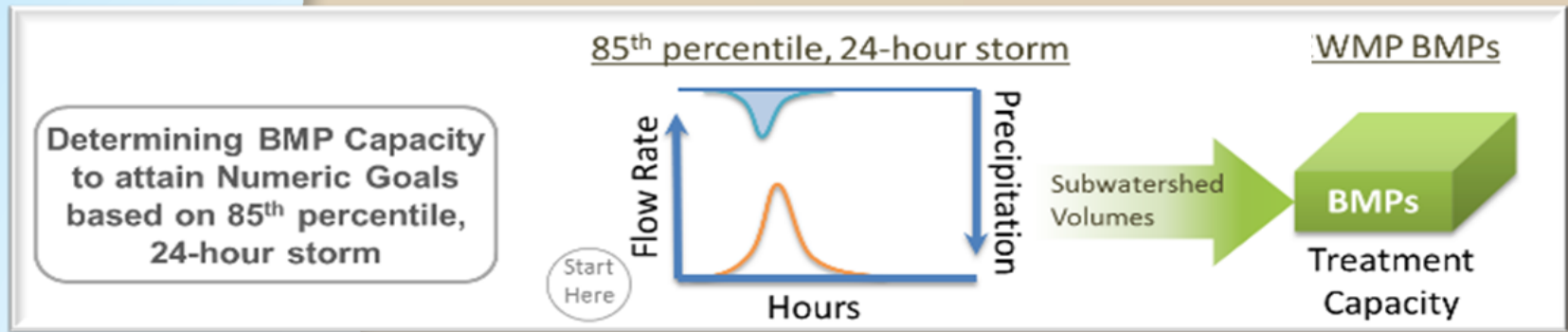
RB-AR2148

MONITORING SITES

- 4 Receiving Water Sites
- 3 Stormwater Outfalls Sites



REASONABLE ASSURANCE ANALYSIS



Watershed Management Modeling System

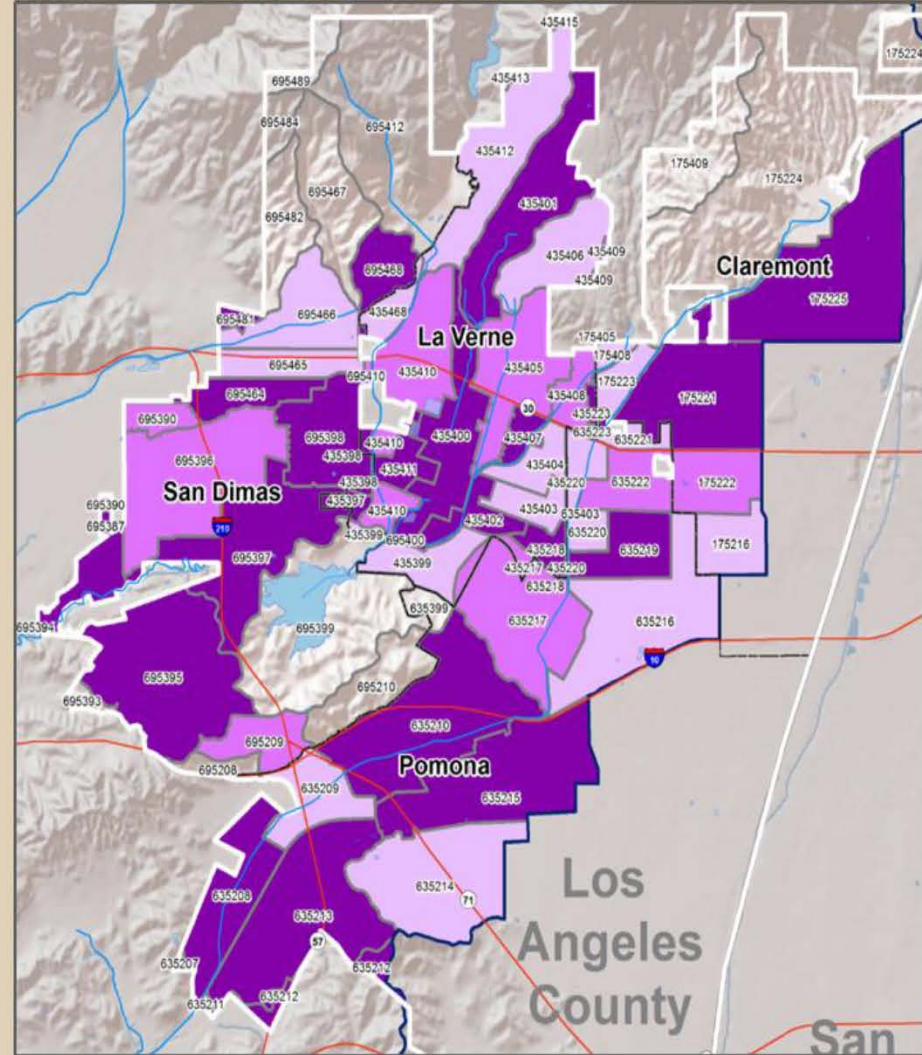
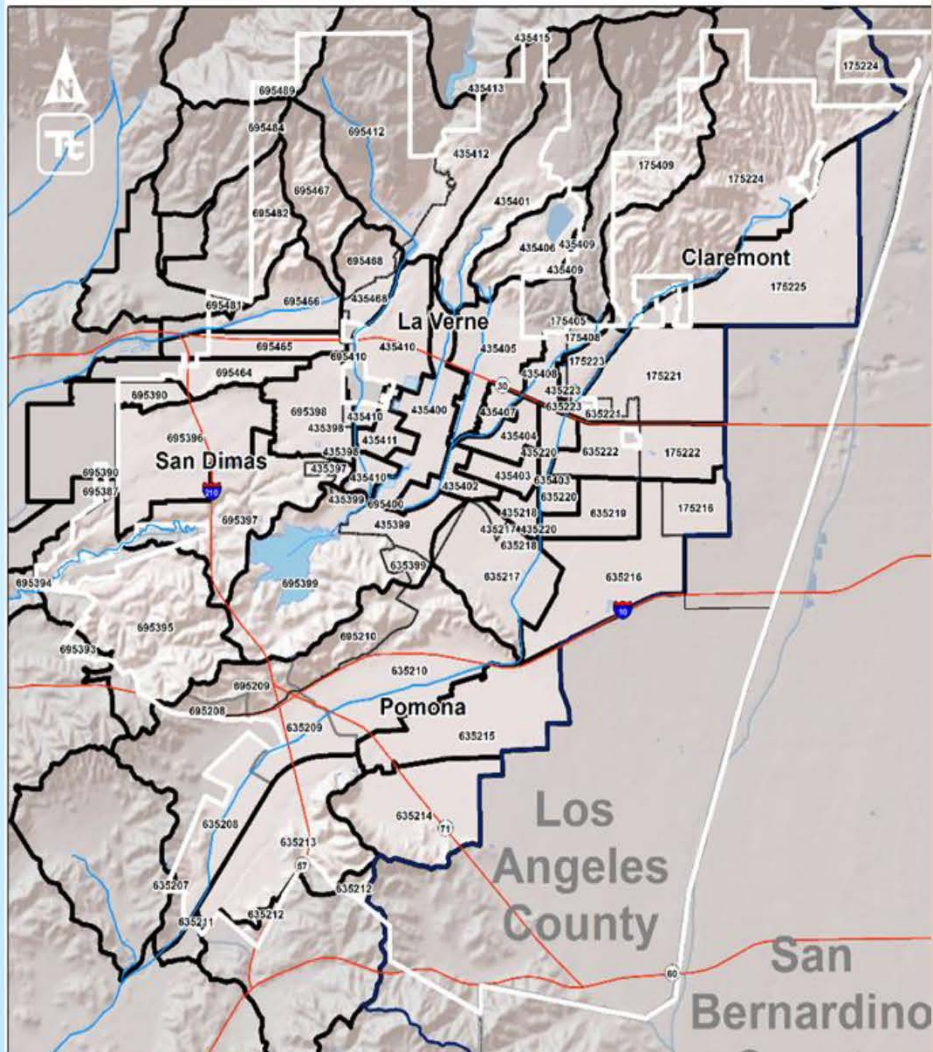


- Design storm used as critical condition
- BMPs to retain design storm identified for each subwatershed in WMP area
 - Green streets
 - LID on public parcels
 - Residential runoff program (downspout disconnects)
 - LID due to new/redevelopment
 - Regional BMPs (to address remaining capacity)

SEQUENCING

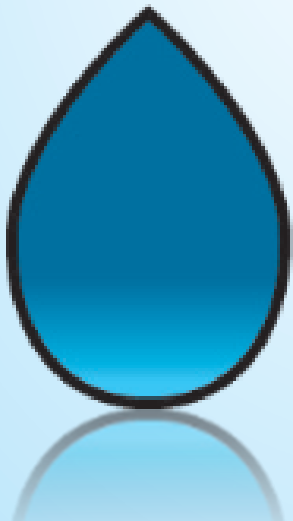
Subwatershed Index

Milestones



SELECTED WATERSHED CONTROL MEASURES

Permittee	Number of Existing and Planned BMPs within Permit Term
Claremont	13
La Verne	12
Pomona	16
San Dimas	26



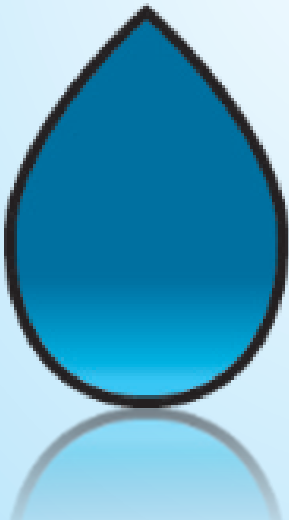
SELECTED WATERSHED CONTROL MEASURES

Non-Structural BMPs consist of:

- **Rooftop Runoff Reduction Program**
- **LID for New/Redevelopment**
- **Enhanced Construction Site Inspections**
- **Verification of Post Construction BMPs**
- **Enhanced Catch Basin Cleaning**

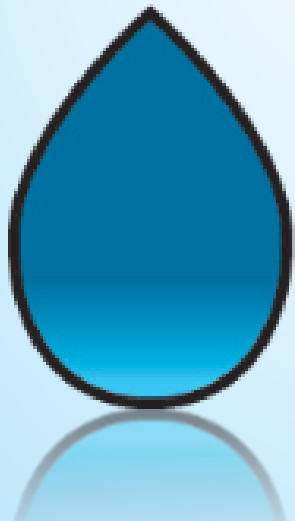
Source Control

- **Dependent on Dry-Weather Monitoring (ongoing)**



STATUS OF LID ORDINANCE AND GREEN STREETS POLICY

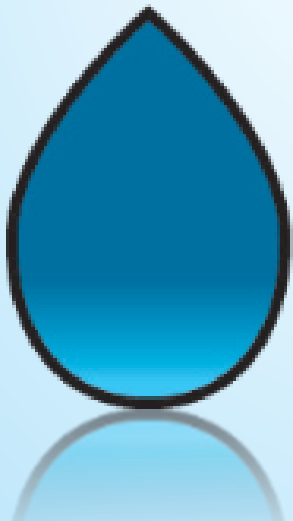
- All 4 Cities have LID Ordinances & Green Streets Policy in place.



ADAPTIVE MANAGEMENT

As information is gathered, WMP will undergo modifications allowing the WMP to become more effective by assessing:

- **Progress Towards Achieving Water Quality Limits**
- **Monitoring Data**
- **Achievement of Interim Milestones**
- **Re-evaluate Water Quality Strategies**



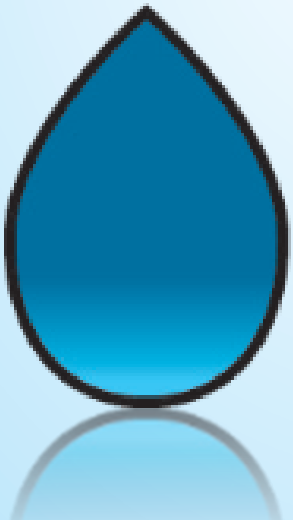
OUTREACH AND STAKEHOLDER INPUT

- Participation in working groups.
- Informational flyer was created for distribution and posting at public facilities to solicit community input.
- Presentations at City Council meetings that are televised to distribute information regarding Permit compliance to stakeholders.
- Video presentation has been developed for city websites to solicit input and support from the community.



CLOSING

- BMPs identified represent a monumental challenge in stormwater management by the ESGV Group.
- The projected levels of expenditure will require a of **20 fold increase** in annual stormwater management budgets.
- Additional funding sources will be needed.
- Communities will need to support funding measures for stormwater capital improvements.



The background image shows a wide river with a bridge in the distance. Power lines and towers are visible on the right side. The sky is clear and blue. The text is overlaid on a dark blue horizontal band.

Los Angeles Regional Water Quality Control Board Watershed Management Programs (WMPs) Workshop

Los Angeles River Upper Reach 2 (LAR UR2) Watershed Management Area (WMA)

October 9, 2014

RB-AR2158

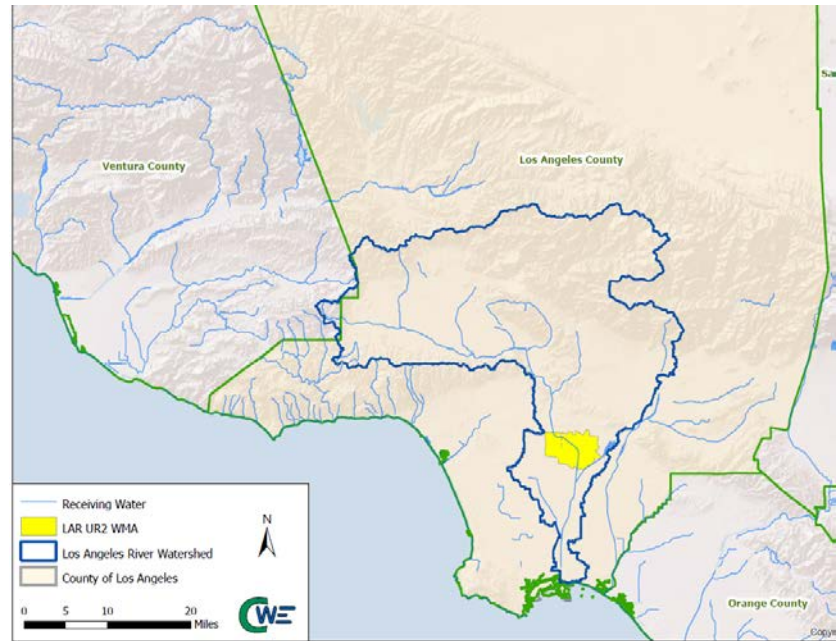
LAR Upper Reach 2 Overview

➤ Cities

- Bell
- Bell Gardens
- Commerce
- Cudahy
- Huntington Park
- Maywood
- Vernon

➤ Los Angeles County FCD

RB-AR2159



Primary Receiving Waters:

Los Angeles River Reach 2

Rio Hondo Reach 1

22.2 square miles (2.7%) in the
824 square mile LAR watershed



Water Quality Priorities

➤ Category 1

- Nutrients (deadline was in 2004)
- Trash (Full Capture compliant by 10/1/2016)
- Copper, Lead, & Zinc (future Permit terms, [2024/28](#))
- Bacteria or *E. coli* (future Permit terms, [2030/37](#))

➤ Category 2

- Oil
- pH (nutrient related?)
- Toxicity (metals related?)

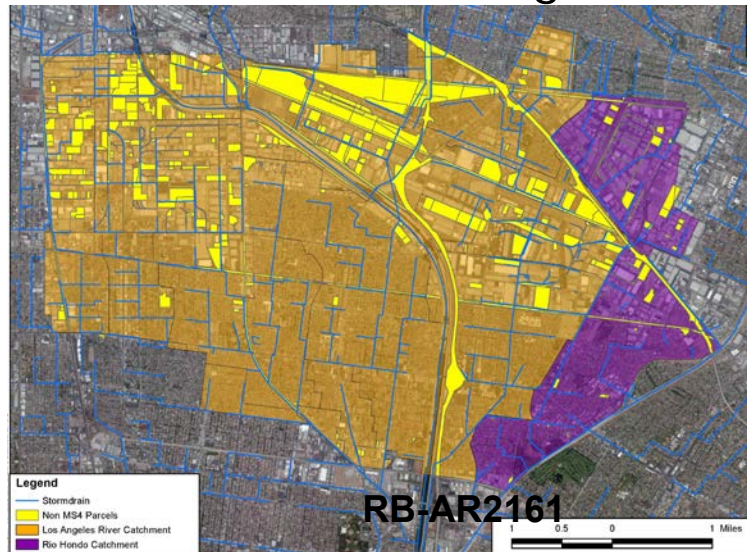


➤ Category 3

- No MES/Trib data from relevant receiving waters

Pollution Reduction Strategy

- Trash-Nearing full capture compliant implementation
- Other pollutants-Implement Watershed Control Measures (WCMs) including: LID Ordinances, Green Street Policies, LID Street Designs
- RAA analysis
 - Exclude parcels in other programs/permits from analysis
 - Conceptualize Regional BMPs
- Distributed BMPs in areas, where regional BMPs are difficult to site



RAA for Los Angeles River *E. coli*

Los Angeles River baseline *E. coli* bacteria loading 997 Trillion (MPN)
 Allowable loading of *E. coli* after AE & HFS days 708 Trillion (MPN)
 Year 2037 *E. coli* Target Load Reduction (TLR) **289** Trillion (MPN)

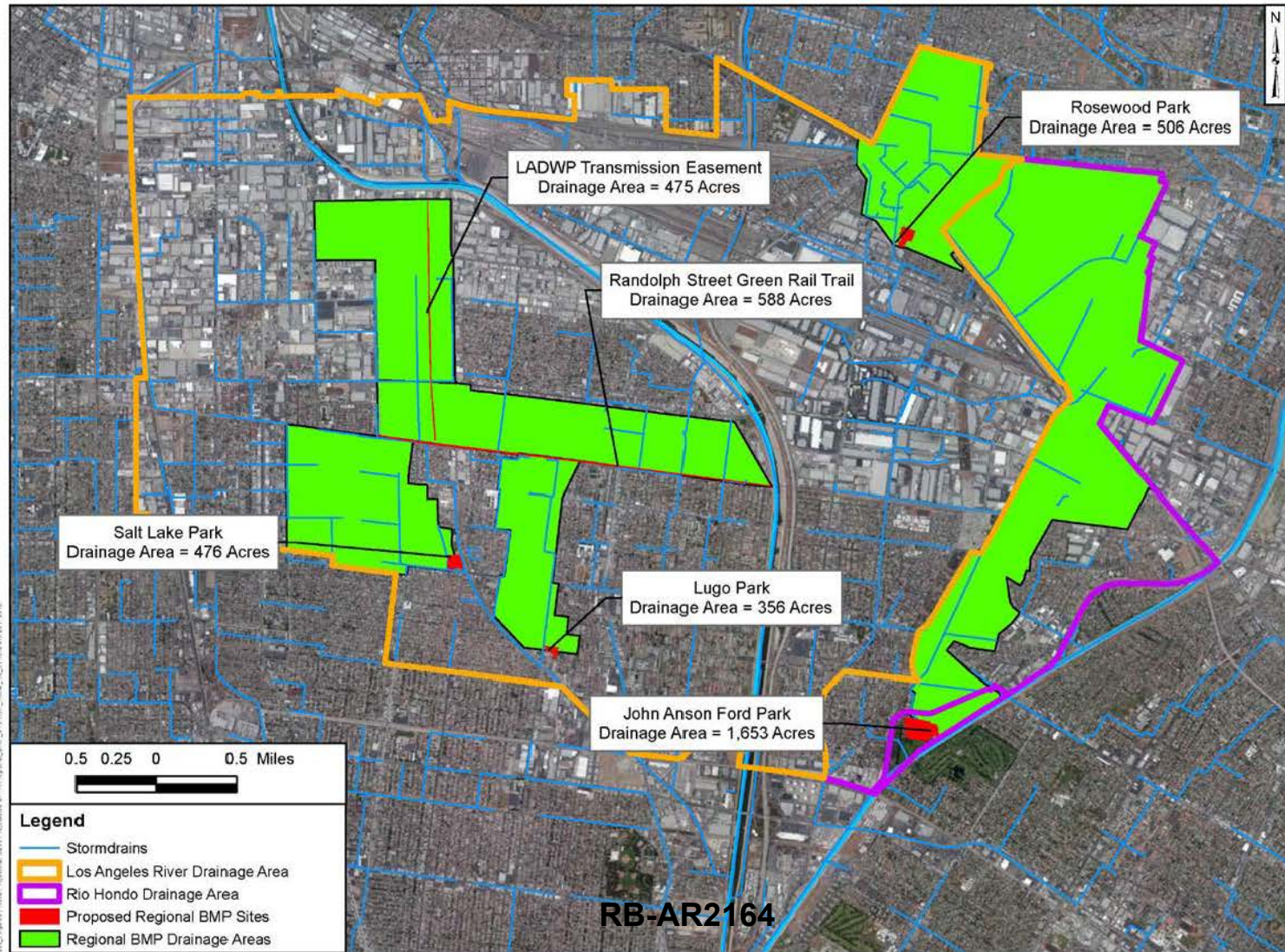
Pollutant Load Reduction Strategies	Average
Watershed Control Measures, BMPs, MCMs	
Other Regulatory Programs (Individual/General NPDES Permittees, Caltrans, Federal)	77
Non-modeled and Non-structural WCMs (implementation, inspection, enforcement)	50
Distributed Structural BMPs	
LID Ordinance Based Redevelopment (~0.25%/year to 2037)	31
Green Streets and LID Streets in 25% of Residential and Commercial Areas	72
Conceptual Regional Structural BMPs	
Randolph Street Greenway or cistern (R BMP #1)	6
Los Angeles DWP Transmission Lines (R BMP #2)	3
Rosewood Park(R BMP #4)	31
Lugo Park (R BMP #6)	13
Salt Lake Park (R BMP #7)	24
Total BMP Load Reduction	307

Watershed Control Measures

- LID Ordinance Adopted by: Bell, Bell Gardens, Commerce, Huntington Park, Maywood, and Vernon
- Green Streets Policy in place for: Bell, Bell Gardens, Commerce, Huntington Park, Maywood, and Vernon
- Customized Minimum Control Measures (MCMs) include revisions of future Municipal Service Contracts to include
 - Low velocity weekly street vacuuming (parking enforcement)
 - Implementation of improved inspection tracking software
 - Enhanced catch basin (CPS/ARS) maintenance schedules
- Non-structural BMPs & Source Controls
 - Additional BMPs targeted during Critical Source Inspections
- Structural BMPs (in addition to Regional BMPs)
 - Evaluating alternative LID Street designs



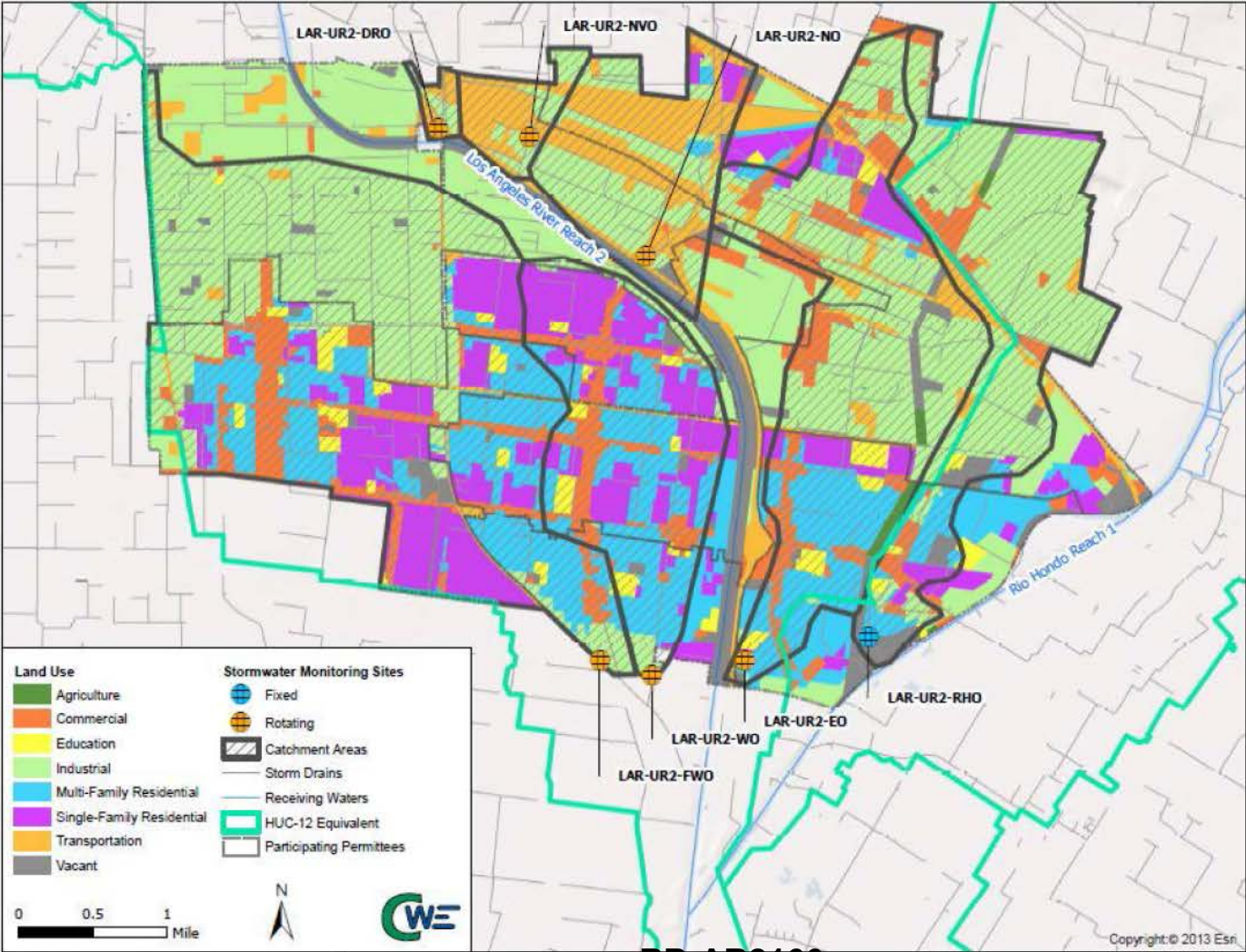
RAA Modeled Regional BMPs



RAA Implementation Schedule

BMP Program or Project	RAA assumes BMP is implemented by:
LID Ordinance Based Redevelopment (~0.25%/year to 2037)	June, 2014 through March, 2037 (interim milestones assume linear progress towards load reduction)
LID and Green Streets in the Los Angeles River	June, 2014 through March, 2037 (50% implementation by March, 2030)
Increased Non-MS4 Parcel Inspections and Education	June, 2017 (MS4 Permit Report of Waste Discharge)
John Anson Ford Park (R BMP #3)	January, 2024 (Dry-weather), 2028 (Wet-weather)
Non-Modeled Non-Structural BMPs	January 2028
Brake Pad Reformulation (legislation currently codified)	January 2028
Randolph Street Greenway or cistern (R BMP #1)	January 2028
Los Angeles DWP Transmission Lines (R BMP #2)	January 2030
Rosewood Park (R BMP #4)	January 2030
Lugo Park (R BMP #6)	March 2037
Salt Lake Park (R BMP #7)	March 2037

CIMP Rotating Monitoring Site Rational



RB-AR2166

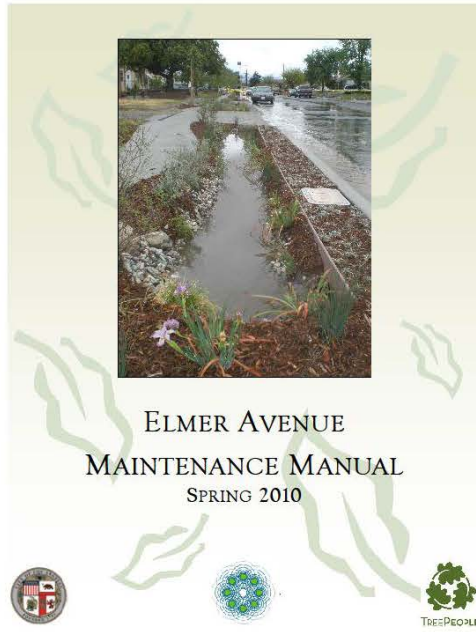


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Regional BMP, LID/Green Streets Costs

BMP/LID Street Cost	Footprint (ft ²)	Tributary Acres	Depth (ft)	Volume (ft ³)	Cost Estimate
Randolph Street Greenway or cistern (R BMP #1)	104,000	588	10	353,600	\$10,760,000
Los Angeles DWP Transmission Lines (R BMP #2)	95,280	475	10	656,003	\$19,510,000
John Anson Ford Park (R BMP #3)	544,707	1,653	10	3,124,069	\$91,060,000
Rosewood Park (R BMP #4)	217,729	506	10	1,249,628	\$36,770,000
Lugo Park (R BMP #6)	100,260	356	10	574,829	\$17,170,000
Salt Lake Park (R BMP #7)	196,004	476	10	1,124,665	\$33,110,000
Total Regional BMPs					\$210,000,000
LID/Green Streets	400,000	910	variable		\$90,000,000
Total Regional BMPs and LID/Green Streets					\$300,000,000

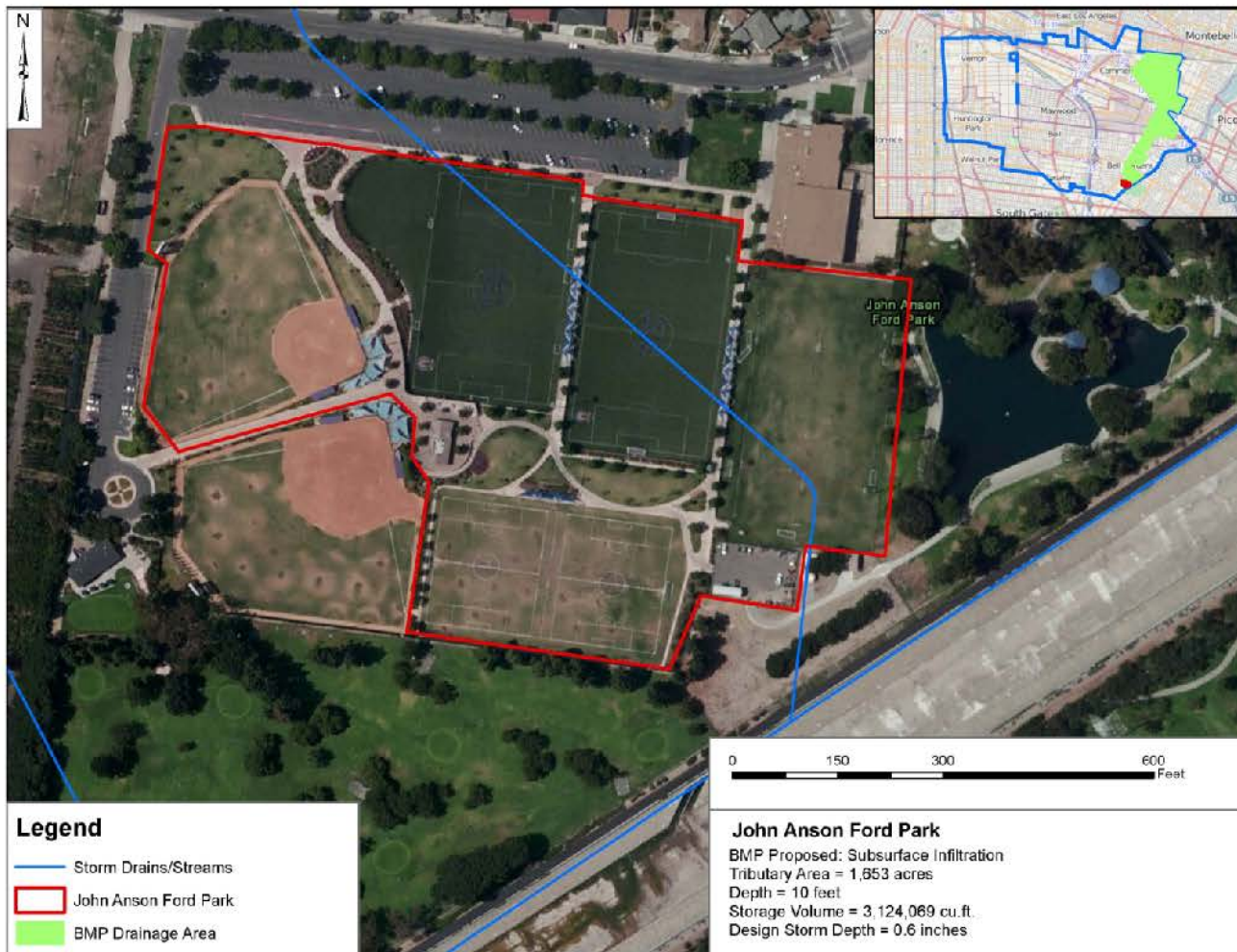
Questions?



RB-AR2168



Exemplar Regional BMP



RB-AR2169





Introduction to the Watershed Management Programs

Lower Los Angeles River - Steve Myrter, Chair

Los Cerritos Channel - Anthony Arevalo, Chair

Lower San Gabriel River - Adriana Figueroa, Chair

Presented to the California Regional Water Quality Control Board, Los Angeles Region

October 9, 2014

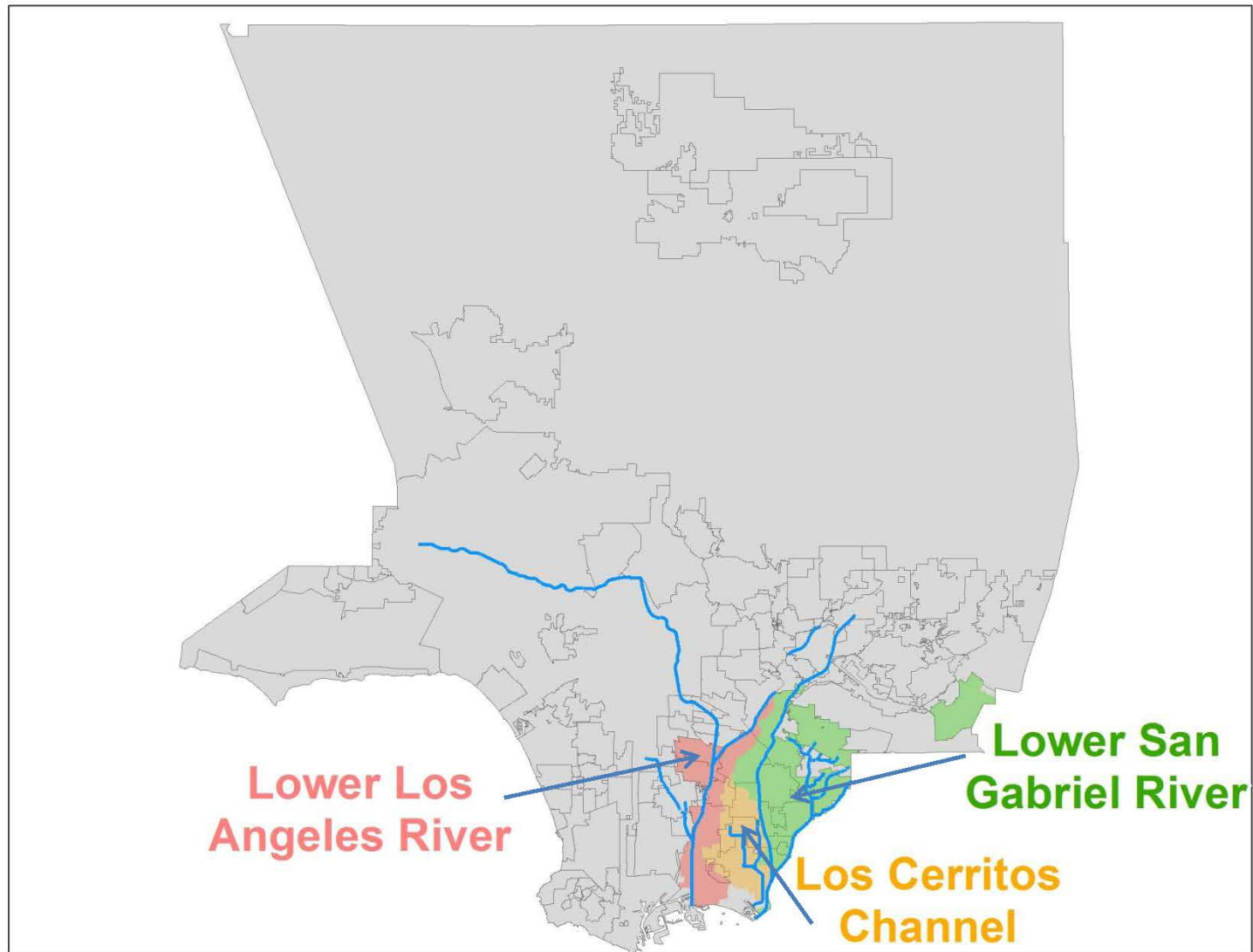
RB-AR2170



Multi-Watershed Cooperation

- **17 cities** and our partner, **Los Angeles County Flood Control District**
- **3 watersheds** sharing resources
- MOUs through the Gateway Water Management Joint Powers Authority

Multi-Watershed Cooperation





Multi-Watershed Cooperation

Goals of working together included:

- **Consistency**, many cities overlap into two even three watersheds.
- **Ease of implementation**, similar methodologies for computer modeling and watershed control measures were used throughout the three watersheds.
- **Cost savings**, several hundred thousand dollars saved by working together



Multi-Watershed Cooperation

All 3 watersheds:

- Used the same WMP development team
- Agreed to use the same Watershed Database
- Developed a Green Street and LID Templates
- Entered into long term MOUs
- Have establish Watershed Management committees for both WMP development and WMP implementation



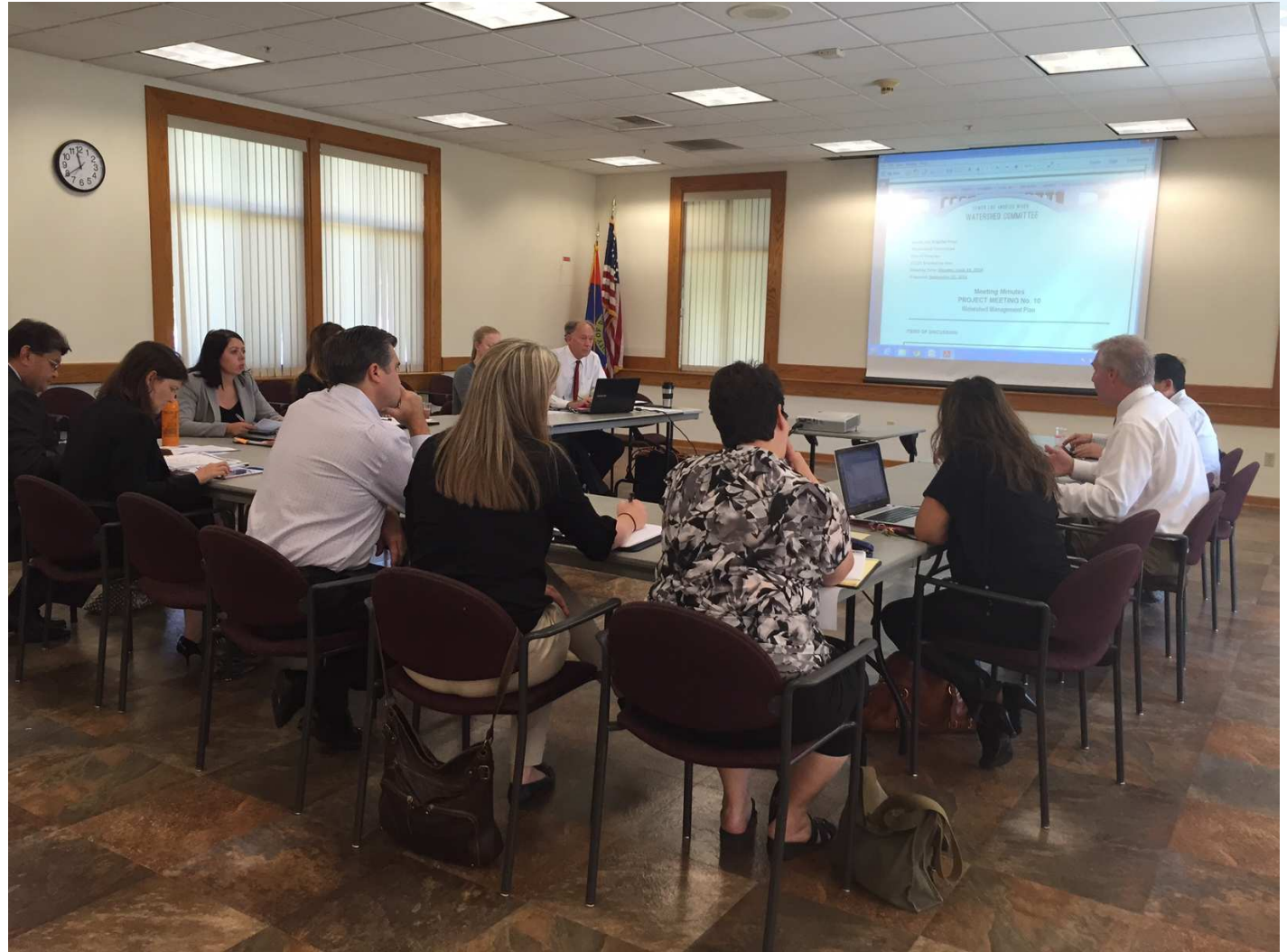
The Lower Los Angeles River Watershed

Speakers: Steve Myrter
John Hunter

LOWER LOS ANGELES RIVER WATERSHED COMMITTEE

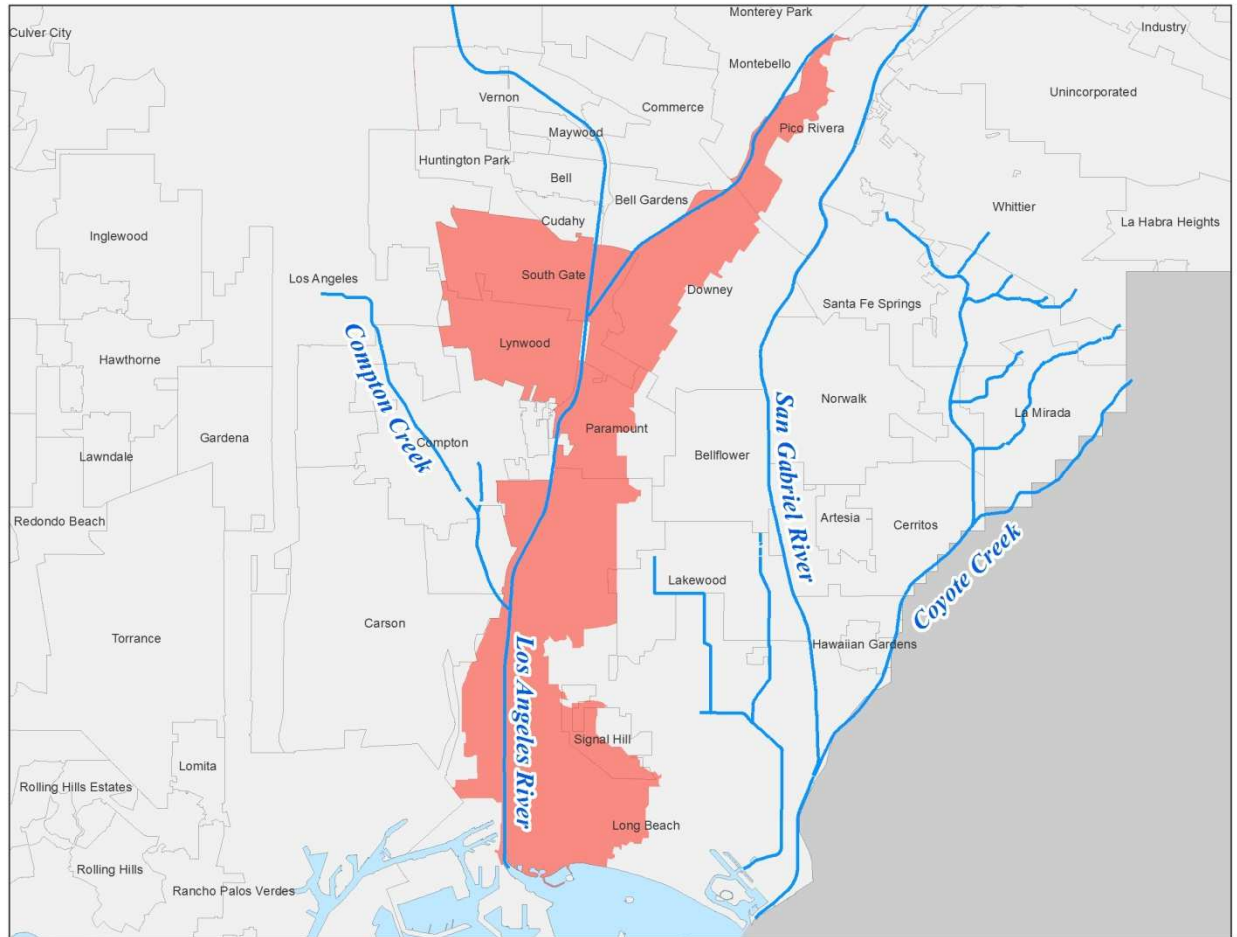
All
Watersheds
have
Watershed
Committees

Lower Los
Angeles River
has been
meeting
monthly
since **2009**



LOWER LOS ANGELES RIVER WATERSHED COMMITTEE

Downey
Lakewood
Long Beach
Lynwood
Paramount
Signal Hill
Pico Rivera
South Gate
and
**Los Angeles County Flood
Control District**





Achievements to date Include:

Trash TMDL

- More than 90% of the catch basins have been retrofitted with trash full-capture inserts, trash nets, Automatic Retractable Screens and retention basins. This is over 7,300 systems.

As a whole, agencies are having to spend \$500,000 annually for maintenance of the catch basin inserts

LOWER LOS ANGELES RIVER
WATERSHED COMMITTEE

Dominguez Gap



LOWER LOS ANGELES RIVER WATERSHED COMMITTEE



LOWER LOS ANGELES RIVER
WATERSHED COMMITTEE

Hundreds of small and mid sized local LID projects





Water Quality Priorities

- The WMP established three categories of Water Quality Priorities.

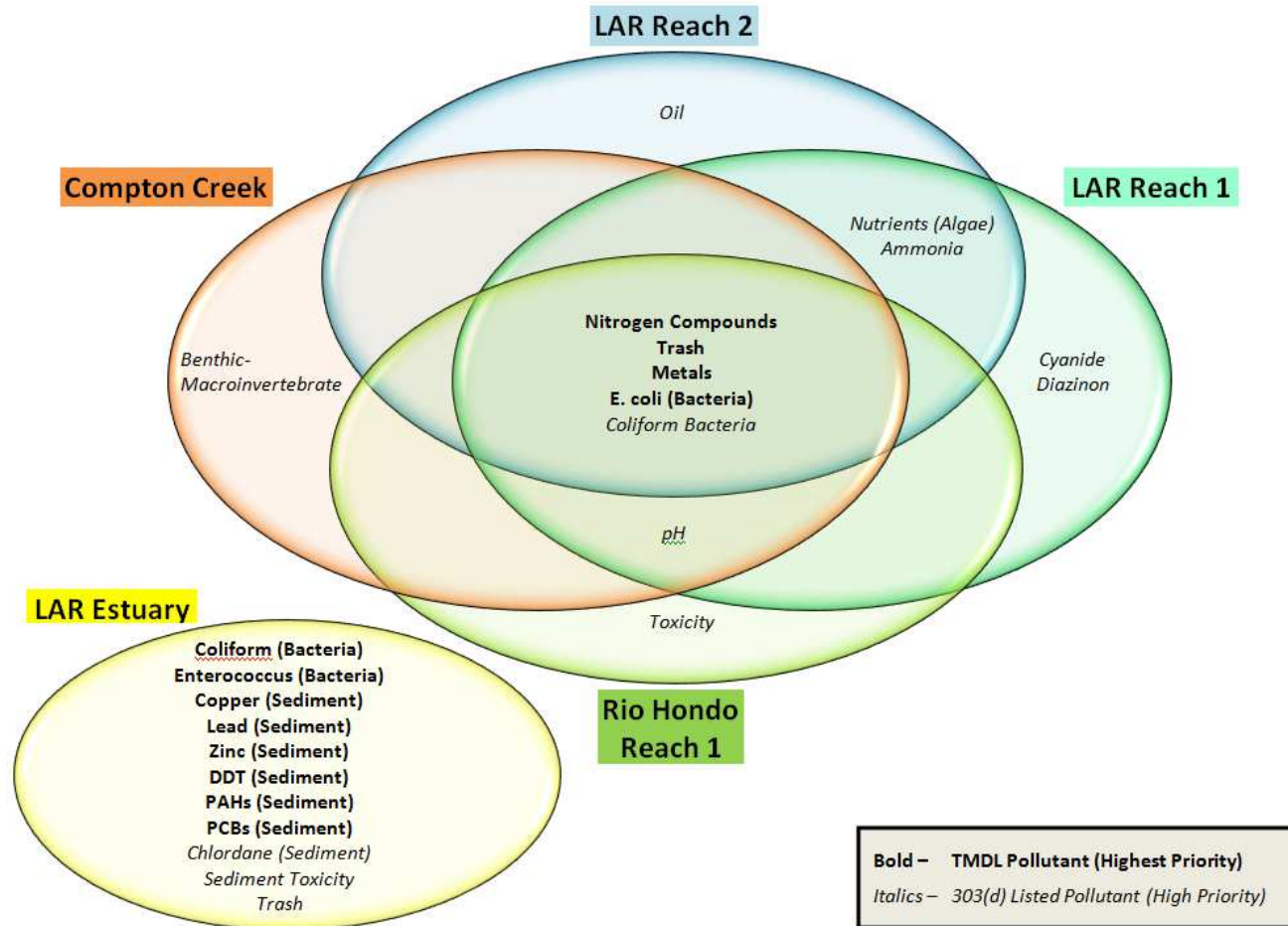
Category 1 – TMDLs

Category 2 – 303d listed

Category 3 – other pollutants exceeding
Basin Plan

LOWER LOS ANGELES RIVER
WATERSHED COMMITTEE

Water Quality Priorities



Category 1 and 2 pollutants and waterbody segments

RB-AR2184



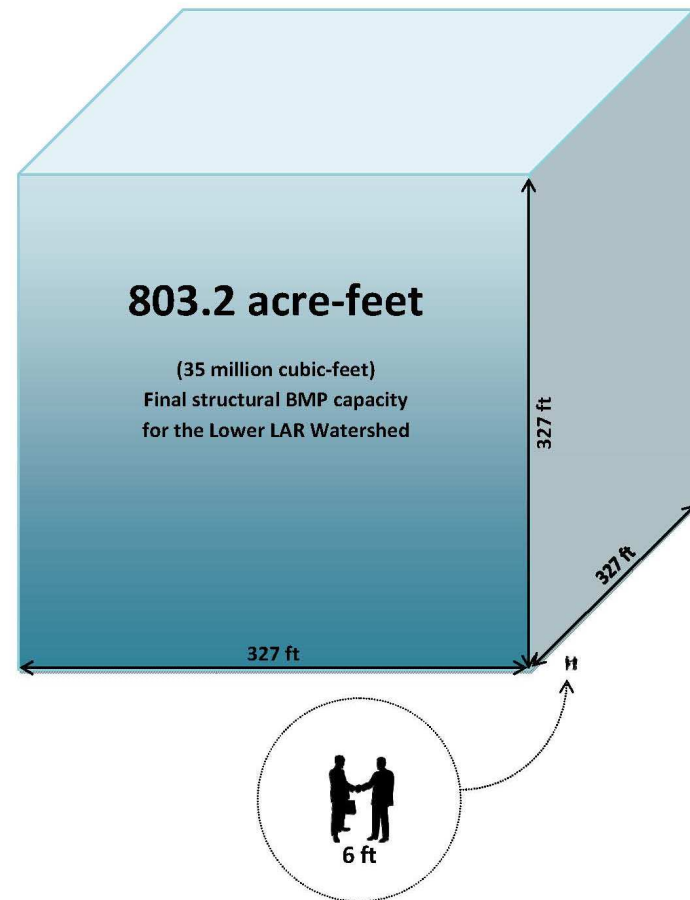
Reasonable Assurance Analysis

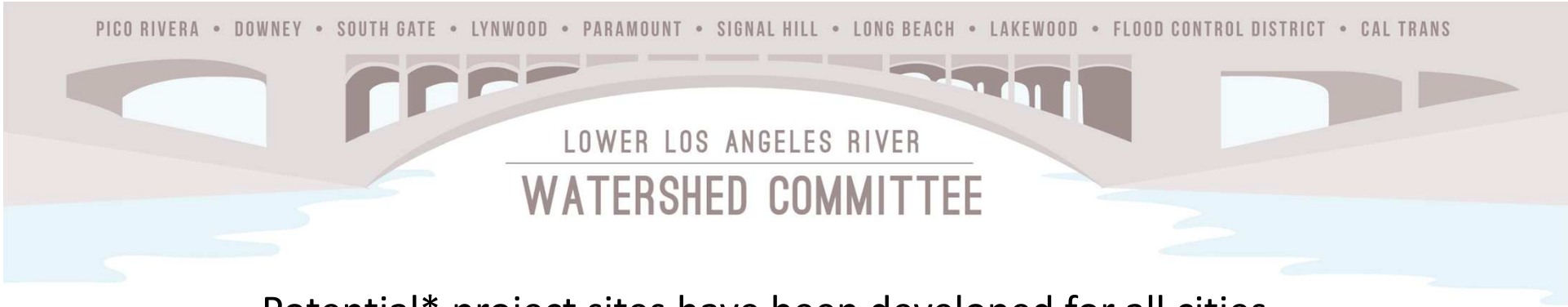
- All three Watersheds used Computer modeling using the US EPA approved and MS4 Permit authorized **Watershed Management Modeling System**.
- **Zinc** was identified as the primary pollutant of concern.
- Control measures to adequately reduce zinc, expected to reduce other pollutants as well.

LOWER LOS ANGELES RIVER
WATERSHED COMMITTEE

Reasonable Assurance Analysis

- Treatment systems must be sized to capture (or equivalently treat) **262 million gallons** of runoff.





Potential* project sites have been developed for all cities.
 This example is for the City of Downey.

31% Interim Compliance 2017 Milestone	
Potential BMP Site	Potential Design Capture Volume (ac-ft)
Furman Park	16.5
Right-of-Way BMPs	3.5
Total	20.0

50% Interim Compliance 2024 Milestone	
Potential BMP Site	Potential Design Capture Volume (ac-ft)
Apollo Park	13.2
Cumulative Total	33.2

*Sites are based on preliminary assessment



Reasonable Assurance Analysis

- Estimated watershed final Project Cost: Up to \$293 million for future projects
- Based on actual project estimates/completed projects

Existing or potential estimated structural BMP cost

Project Name	Total Estimated Cost	BMP Capacity (acre-feet)	Cost Per Acre Foot
Bethune Park	\$570,000	0.9	\$1,000,000
Enterprise Park	\$1,240,000	3.9	\$318,000
Reid Park	\$1,400,000	0.6	\$2,333,000
Belvedere Park	\$3,700,000	13.8	\$268,000
Discovery Park	\$4,500,000	8.0	\$562,500
Johnson Park	\$5,060,000	20.0	\$253,000
Charles White Park	\$5,300,000	21.0	\$252,380
Right-of Way BMPs	-----	0.25	\$250,000

- Projected cost estimate assumes
 - Two-thirds regional projects
 - Remaining one-third being Green Streets projects
 - Cost does not include the purchase of a new property

LOWER LOS ANGELES RIVER
WATERSHED COMMITTEE

Control Measures

- Large treatment projects have a long planning and construction timeline. For the immediate future, new and existing watershed control measures will be implemented

Control Measures

The overall nonstructural strategy includes:

Table 5-1: Nonstructural TCM Compliance Schedule			
Nonstructural TCM	Chapter 3 ID	Effort	Start date
Prioritize facility inspections based on WQPs	TCM-ICF-1	J*	2015-2017
Copper reduction through implementation of SB 346	TCM-INI-1	W*	Ongoing
Lead reduction through implementation of SB 757	TCM-INI-2	W	Ongoing
Support zinc reduction in tires through safer consumer product regs	TCM-INI-3	W	Ongoing
Apply for grant funding for stormwater quality/capture projects	TCM-INI-4	W/J	Ongoing
Enhanced tracking through use of online GIS MS4 Permit database	TCM-MRP-1	J	2014-2015
Incentives for irrigation reduction practices	TCM-NSWD-1	J	Ongoing
Upgraded sweeping equipment	TCM-PAA-1	J	2015-2017
Sanitary Sewer Management Plan	TCM-PAA-2	J	Ongoing
Increased street sweeping frequency or routes	TCM-PAA-3	J	2015-2017
Refocused outreach to target audiences and WQPs	TCM-PIP-1	W/J	2015
Train staff to facilitate LID and Green Streets implementation	TCM-PLD-1	J	2014
Ordinance requires LID BMPs for projects below MS4 Permit thresholds	TCM-PLD-2	J	2014-2017
Encourage retrofitting of downspouts	TCM-RET-1	J	2015
Prepare guidance documents to aid implementation of MCMs	TCM-SWM-1	W/J	2014
Exposed soil ordinance	TCM-TSS-1	J	2014-2017
Erosion repair and slope stabilization on private property	TCM-TSS-2	J	2015-2017
Private parking lot sweeping ordinance	TCM-TSS-3	J	2015-2017
Sweeping of private roads and parking lots	TCM-TSS-4	J	2015-2017
Negotiations with regulated utilities for erosion control within ROW	TCM-TSS-5	W	Ongoing
Erosion repair and slope stabilization on public property	TCM-TSS-6	J	2015-2017

**For all
3 watersheds,
above and
beyond MCMs**

*W – Watershed Group effort,
J – Jurisdictional effort

LOWER LOS ANGELES RIVER
WATERSHED COMMITTEE

Key Components of Control Measures

Adopted LID

Downey
Lakewood
Long Beach
Lynwood
Paramount
Signal Hill
Pico Rivera
South Gate

Adopted Green Street

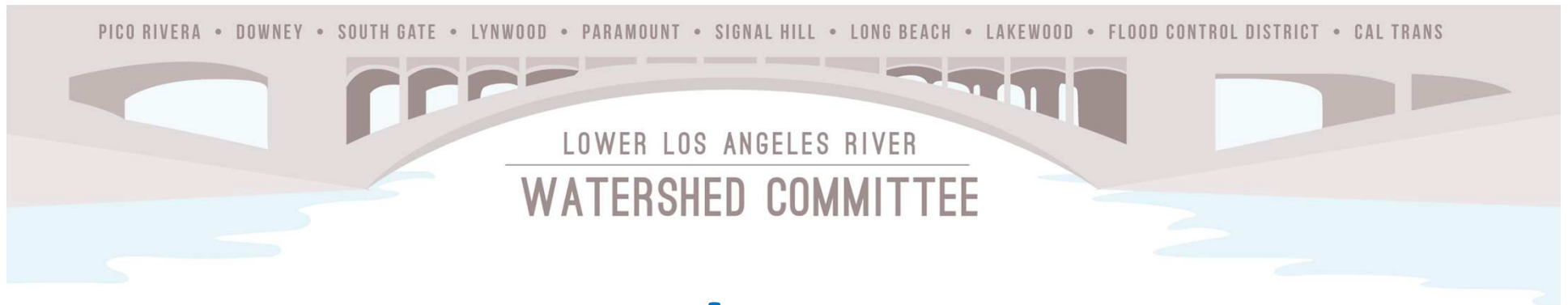
Downey
Lakewood
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Paramount
Signal Hill
Pico Rivera
South Gate

Long Beach is under a different MS4 Permit and the Green Street Policy is under their “complete Streets” but will be updated under their new MS4 permit and can be provided at that time.

LOWER LOS ANGELES RIVER
WATERSHED COMMITTEE

Control Measures

- The WMP makes a substantial effort to implement Control Measures that can be implemented in the short run.
- These are based on the “Minimum Control Measures” in the MS4 Permit and include:
 - Progressive Enforcement
 - New municipal BMPs, including Integrated Pest Management
 - Enhanced Construction program (more inspections, standards, training, etc.)
 - Enhanced non-stormwater measures (e.g., water purveyor discharge monitoring/reporting)



Control Measures

- Some customization is proposed in the WMP, for example:
 - Agencies may prioritize inspection sites and the inspection schedule.
 - WMP contains a detailed prioritization process
 - High priority sites inspected annually
 - Medium Priority once per 2.5 years (MS4 default schedule)
 - Low Priority, once per 5 years.
 - But only if the total number of inspections completed by the end of the MS4 Permit term **does not decrease**.



Public Participation

- Public input was sought during the development of the WMPs.



You are cordially invited to a presentation of the Draft Watershed Management Plan



Date: May 1st, 2014
Time: 6 pm
Location: City of Downey Council Chamber
(11111 Brookshire Ave. Downey, CA 90241)

The Lower Los Angeles River Watershed is preparing a Draft Watershed Management Program (WMP). The goal is to improve the quality of Storm-water and Urban runoff in the Los Angeles River between Pico Rivera and the Long Beach Harbor.

The WMP is only in Draft form and will be submitted to the Regional Board on June 28, 2014. This presentation will cover the general approach and concepts followed in developing the WMP. Your input and comments will be appreciated. Detailed technical comments will be welcome, but will not necessarily be incorporated until after the initial review by the Regional Board.

No RSVP is needed. For questions, please call Jason Wen, City of Downey at (562) 904-7202 or Steve Myrter, City of Signal Hill at (562) 989-7356.



LOS CERRITOS CHANNEL
WATERSHED GROUP

Bellflower
Cerritos
Downey
Lakewood
Long Beach
Paramount
Signal Hill
Los Angeles County
Flood Control District

The Los Cerritos Channel Watershed

Speakers: Anthony Arevalo
Richard Watson

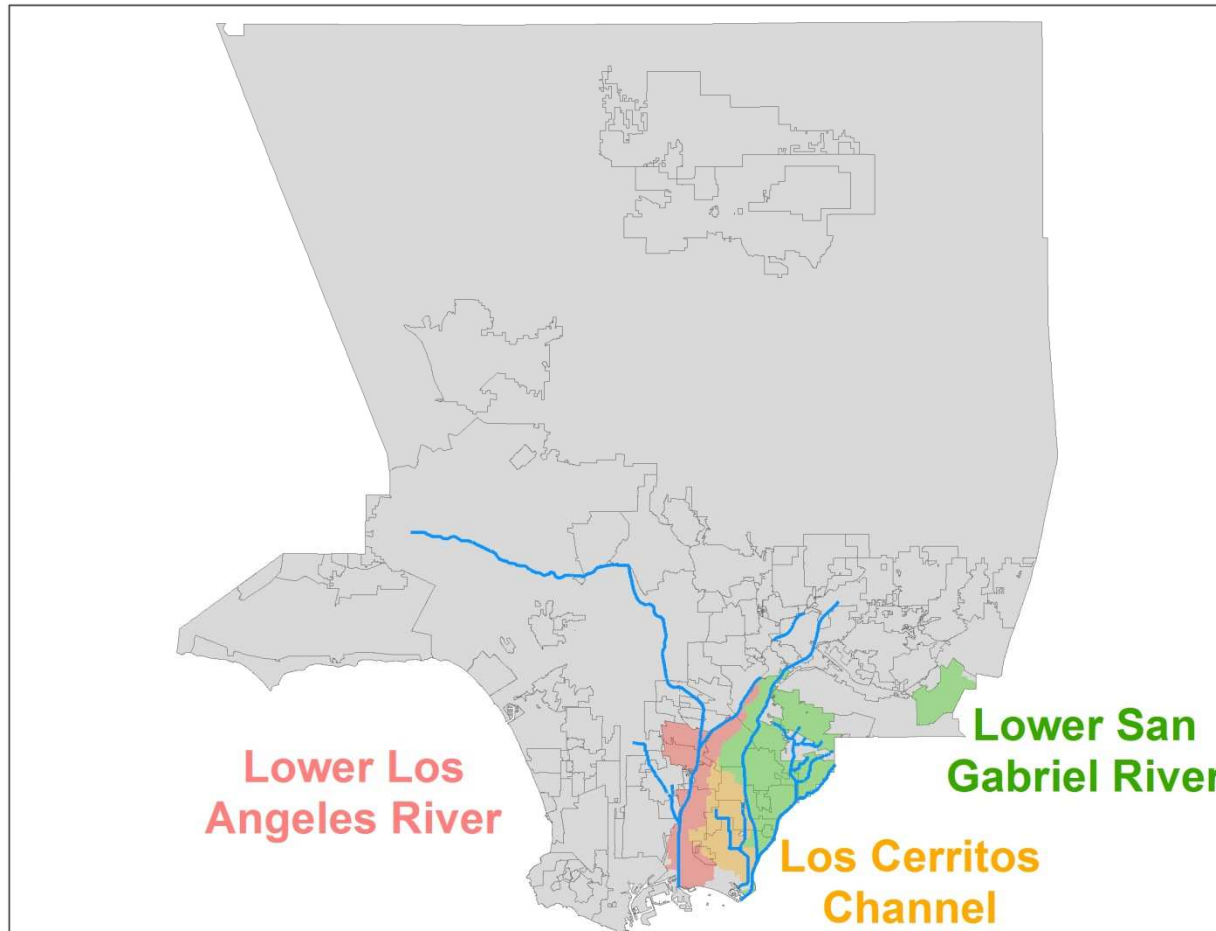


LOS CERRITOS CHANNEL
WATERSHED GROUP

Bellflower
Cerritos
Downey
Lakewood
Long Beach
Paramount
Signal Hill

Los Angeles County
Flood Control District

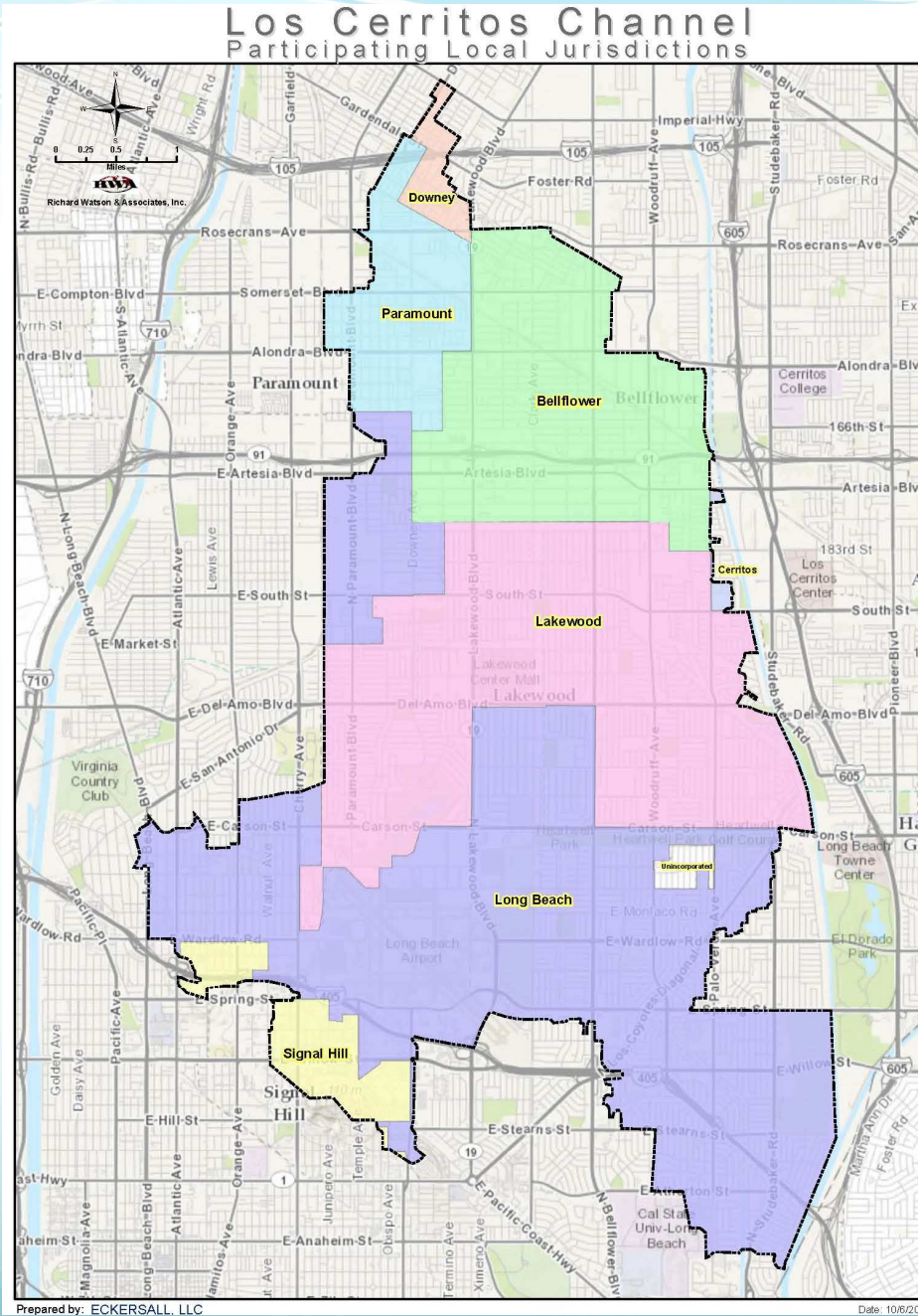
Watershed Location



Date: 10/7/2014



Los Cerritos Channel Participating Agencies



Prepared by: ECKERSALL, LLC

Date: 10/6/2014

- Bellflower
- Cerritos
- Downey
- Lakewood
- Long Beach
- Paramount
- Signal Hill
- Los Angeles County
Flood Control District

Watershed Committee

Cities and agencies within the watershed have been working together since **2008**



Identification of Water Quality Priorities

- Priority pollutants determined based on 10 years of monitoring data at the base of the watershed.
- Highest priority pollutants include:
 - Metals and a few legacy organics
- High priority pollutants include
 - Bacteria, Trash and a few others
- Medium priority pollutants include
 - MBAS and enterococcus

Milestones

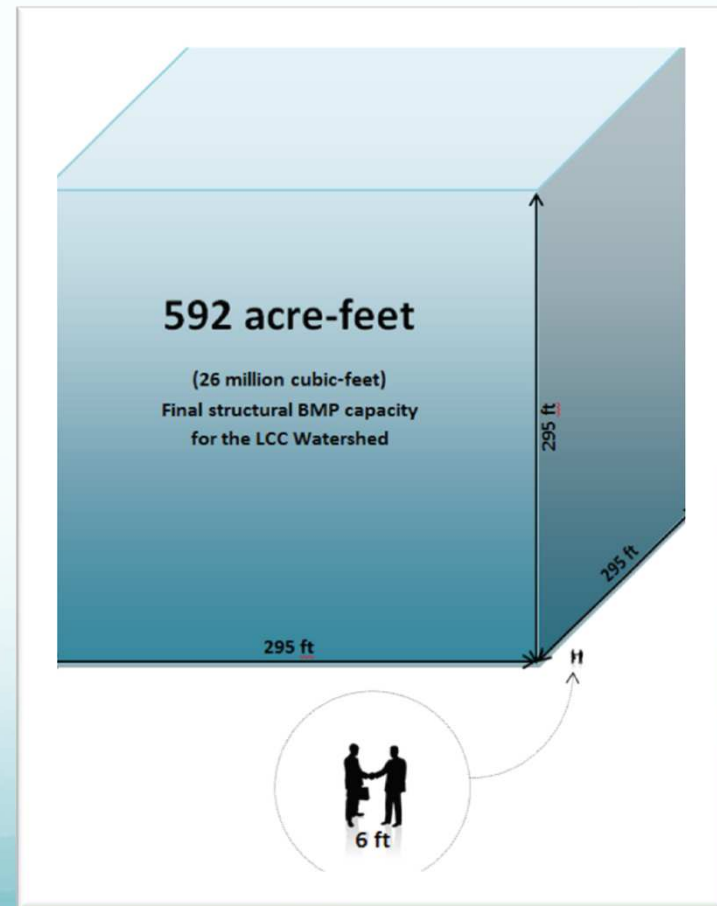
Milestone Targets Between
December 28, 2012 and December 28, 2022

Target*	Milestones	
Drainage area served by MS4 effectively meeting WLA for:	September 30, 2017	September 30, 2020
Dry Weather	30%	70%
Wet Weather	10%	35%

* Or equivalent reductions in total loads at the new primary watershed segmentation Monitoring Sites.

Reasonable Assurance Analysis

- Treatment systems must be sized to capture (or equivalently treat) **193 million gallons** of runoff.



Water Quality Improvement Strategy

- Multi-pronged strategy initially focused on source control, runoff reduction and total suspended solids (TSS) reduction.
- A particular emphasis on true source control for metals
 - SB 346 for copper
 - Future use of Safer Consumer Product Regulations for zinc
- Lead is already under control – no further reduction required by TMDL

Breaking news from the Auto Industry



Ford F-150 Truck – Most popular vehicle in North America will be sold only with Copper-Free brake pads starting January 2016

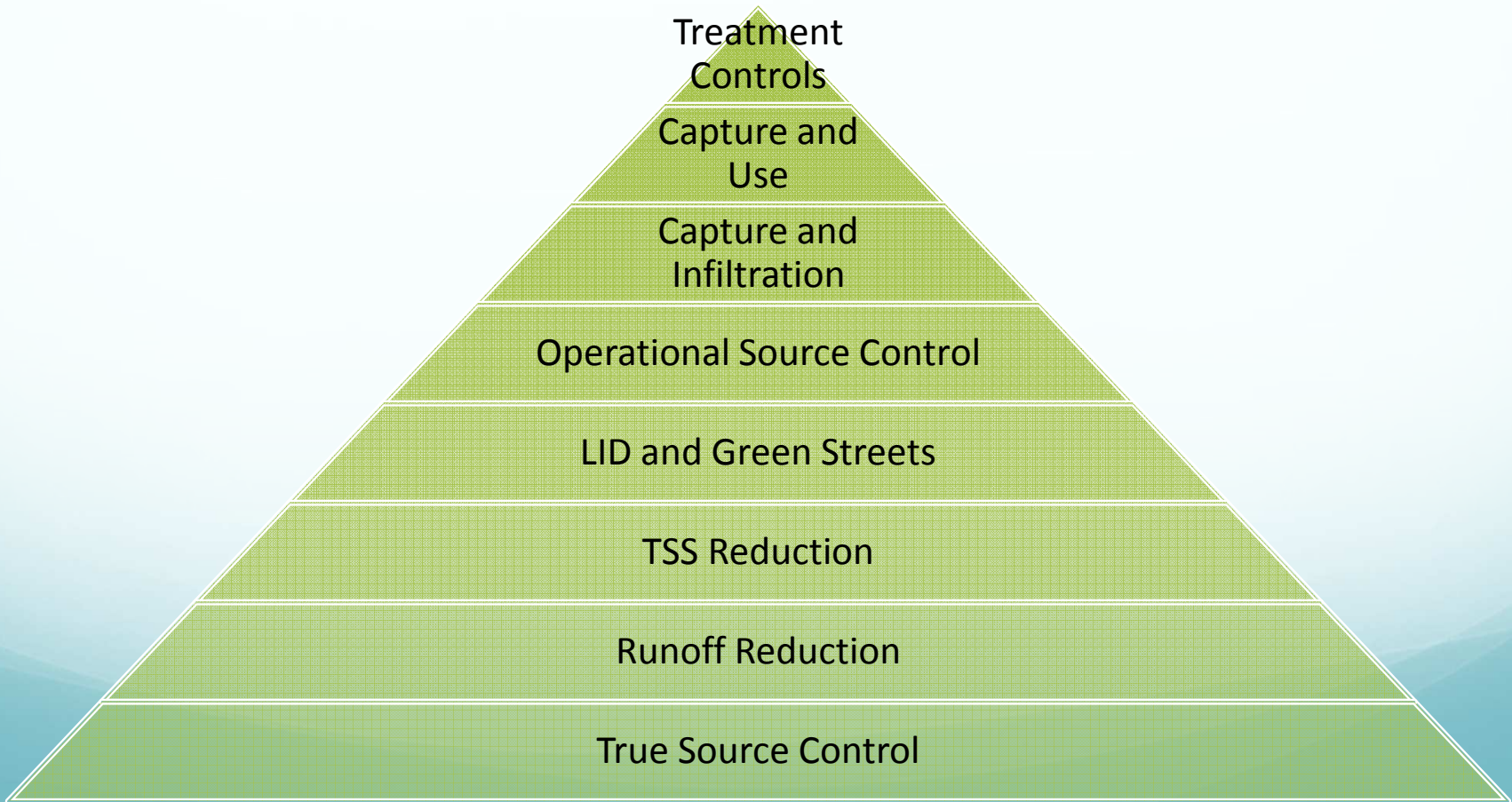


LOS CERRITOS CHANNEL
WATERSHED GROUP

Bellflower
Cerritos
Downey
Lakewood
Long Beach
Paramount
Signal Hill

Los Angeles County
Flood Control District

Water Quality Improvement Hierarchy





LOS CERRITOS CHANNEL
WATERSHED GROUP

Bellflower
Cerritos
Downey
Lakewood
Long Beach
Paramount
Signal Hill

Los Angeles County
Flood Control District

Control Measures

Adopted LID

Bellflower
Cerritos
Downey
Lakewood
Long Beach
Paramount
Signal Hill

Adopted Green Streets

Bellflower
Cerritos
Downey
Lakewood
Paramount
Signal Hill

Long Beach is under a different MS4 Permit and the Green Street Policy is under their “complete Streets” but will be updated under their new MS4 permit and can be provided at that time.

Control Measures

- Minimum Control Measures
- Non-structural Control Measures
 - True source control
 - Runoff reduction, including continued water conservation and improved irrigation practices
 - TSS reduction, including vacant land ordinances

Control Measures

- Structural Control Measures
 - Focus on Regional Water Capture Projects
 - Could cost as much as \$332 million
 - Preliminary work on three sites
 - Funding sources needed

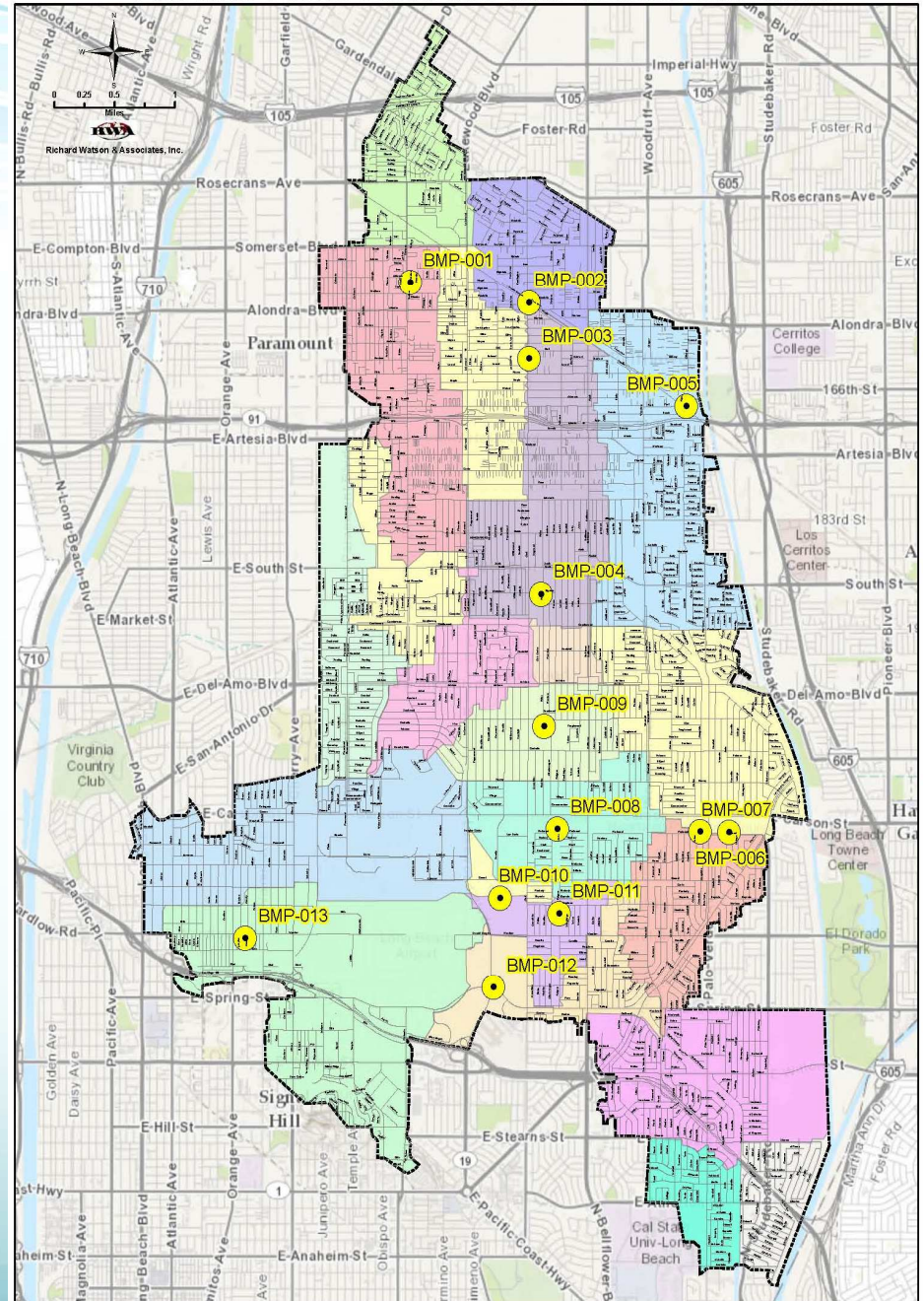


LOS CERRITOS CHANNEL
WATERSHED GROUP

13 sites as LCC Potential Projects

Site Name	Location
Progress Park	Paramount
Bike Trail	Bellflower (Clark Ave)
Sims Park	Bellflower
Mayfair Park	Lakewood
Caruthers Park	Bellflower
Heartwell Park	Long Beach (Palo Verde Channel)
Junior Golf Course	Long Beach
Heartwell Park	Long Beach (Clark Channel)
Pan American Park	Long Beach
Skylinks	Long Beach (Wardlow Channel)
Wardlow Park	Long Beach
Skylinks LCC	Long Beach
Reservoir Park	Signal Hill

Los Cerritos Channel
Potential Public Parks and Golf Courses BMP Sites



Prepared by: ECKERSALL, LLC



LOS CERRITOS CHANNEL
WATERSHED GROUP



Artesia
Bellflower
Cerritos
Diamond Bar
Downey
Hawaiian Gardens
La Mirada
Lakewood
Long Beach
Norwalk
Paramount
Pico Rivera
Santa Fe Springs
Signal Hill
The County of Los Angeles
Whittier
Los Angeles County Flood Control District

**Lower San Gabriel River
and Los Cerritos Channel
Watershed Committees**

Public Participation

- Held joint stakeholder meeting with Lower San Gabriel River Watershed

**You are cordially invited to a presentation of
the Draft Watershed Management Program**



Date: April 30th, 2014

Time: 9 am

**Location: City of Lakewood Civic Center/
Sycamore Room (5000 Clark Ave. Lakewood, CA 90712)**

The Los Cerritos Channel (LCC) and Lower San Gabriel River Watersheds are preparing Draft Watershed Management Programs (WMPs). The goal is to improve the quality of Stormwater and Urban runoff.

The WMP is only in Draft form and will be submitted to the Regional Board on June 28, 2014. This presentation will cover the general approach and concepts followed in developing the WMP. Your input and comments will be appreciated. Detailed technical comments will be welcome, but will not necessarily be incorporated until after the initial review by the Regional Board.

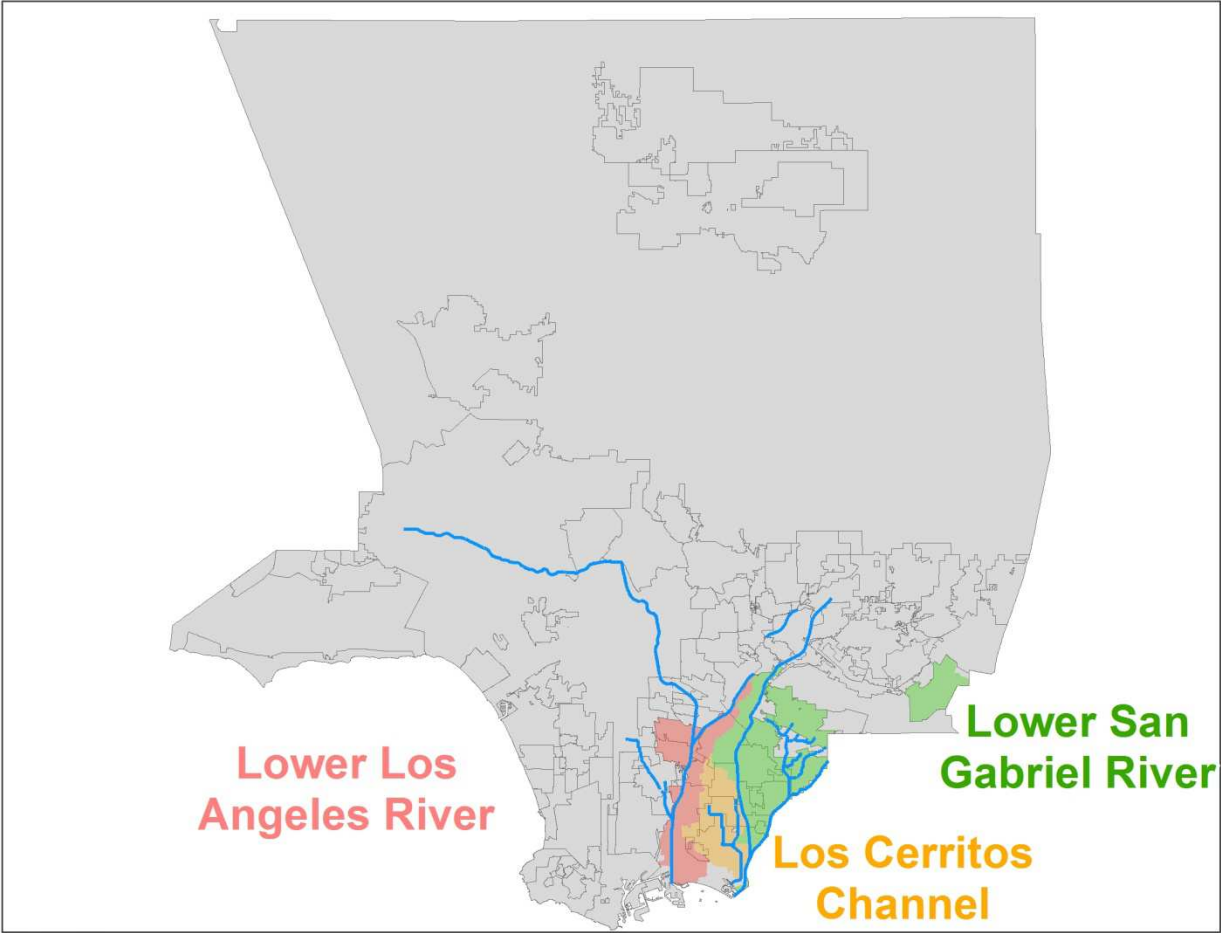
No RSVP is needed. For questions, please call
Konya Vivanti at (562) 866-9771 ext. 2507, Rich Watson at (949)855-6272 or
John Hunter at (562) 802-7880 ext. 21.



The Lower San Gabriel River Watershed

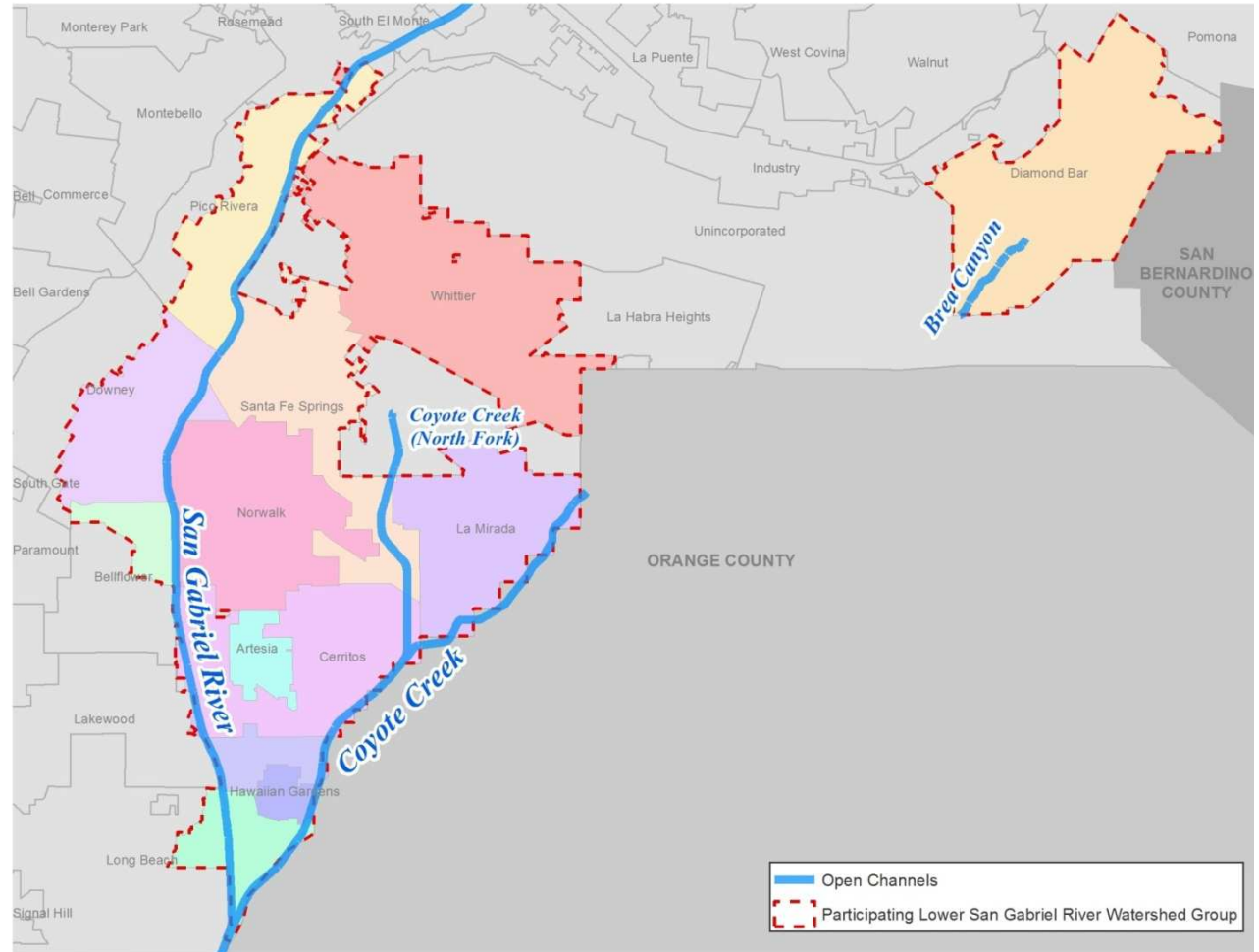
Speakers: Adriana Figueroa
John Hunter

Watershed Location



Date: 10/7/2014

Artesia
 Bellflower
 Cerritos
 Diamond Bar
 Downey
 Hawaiian Gardens
 La Mirada
 Lakewood
 Long Beach
 Norwalk
 Pico Rivera
 Santa Fe Springs
 Whittier
 Los Angeles County
 Flood Control
 District



Watershed Effort

Meeting
monthly
since **2011**

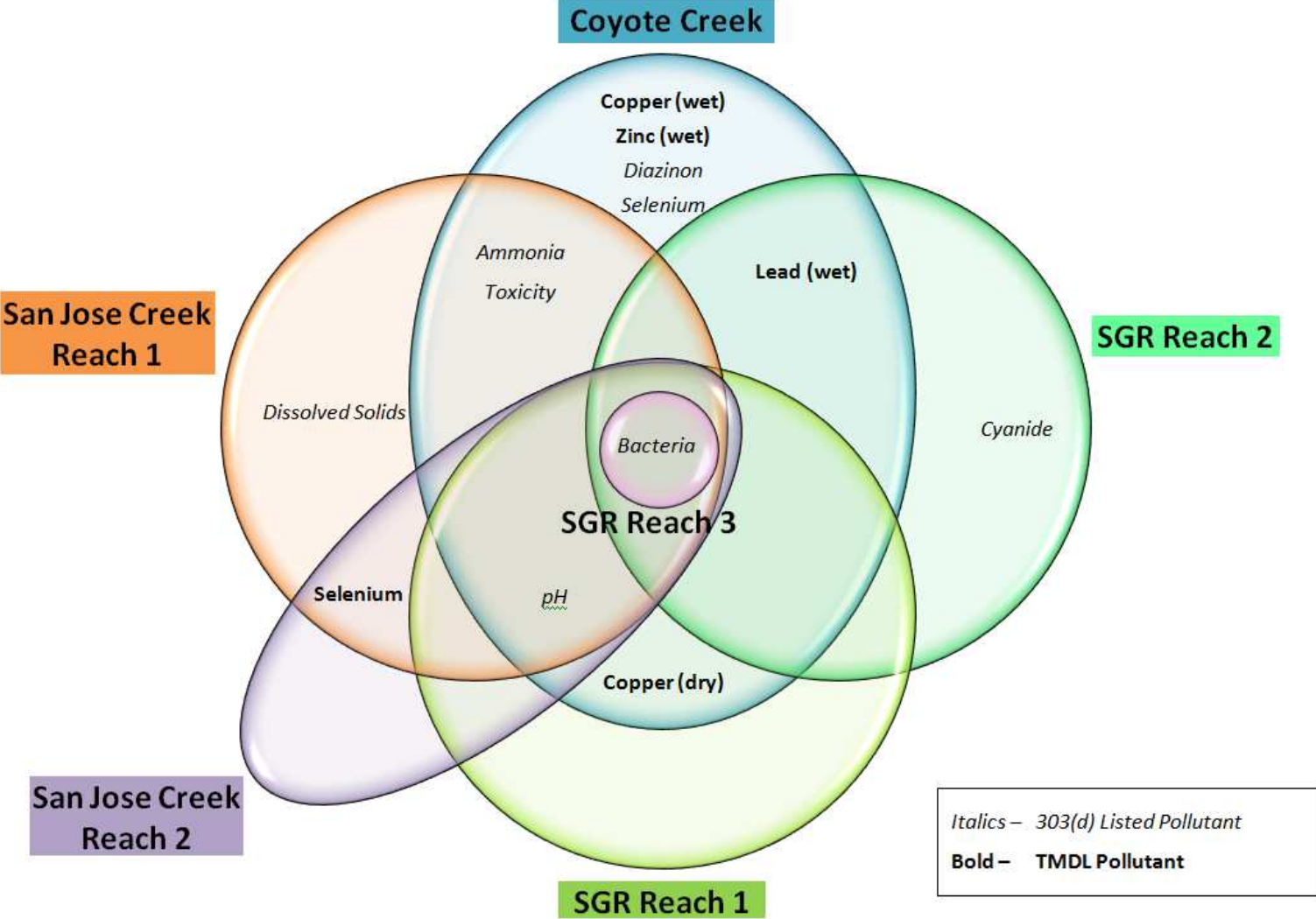




Followed a very similar WMP approach:

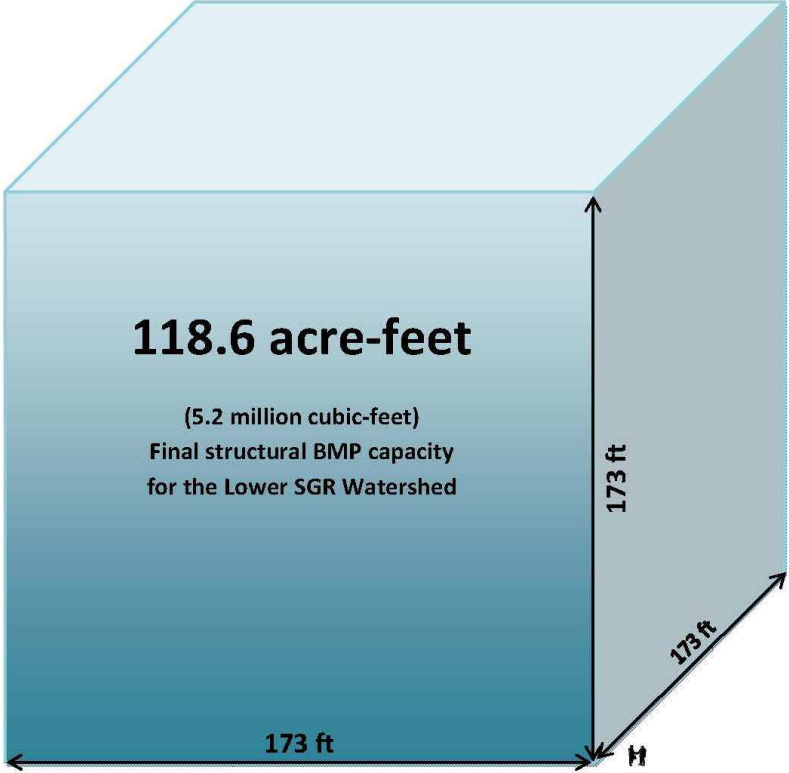
- The same RAA team,
- The same Watershed Control Measures team,
- The same GIS based Watershed Management Database

Water Quality Priorities

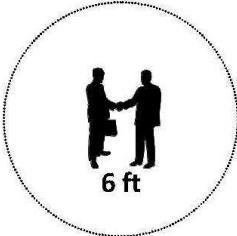


Reasonable Assurance Analysis

- Treatment systems must be sized to capture (or equivalently treat) **40 million gallons** of runoff.



- Project watershed cost estimate
 - Up to \$63 million





RAA Established Water Capture Targets

San Gabriel River

Jurisdiction	Milestone	POLLUTANT REDUCTION PLAN*	
		Total Estimated BMP Volume (acre-ft)	
		Incremental	Cumulative
Norwalk	10% 2017	NS**	NS**
	35% 2020	0.1	0.1
	Final	0.3	0.3

Every City has been assigned milestone targets

Coyote Creek

Jurisdiction	Milestone	POLLUTANT REDUCTION PLAN	
		Total Estimated BMP Volume (acre-ft)	
		Incremental	Cumulative
Norwalk	10% 2017	NS*	NS*
	35% 2020	0.2	0.2
	Final	4.6	4.8

This example is the City of Norwalk

* Nonstructural practices achieve 10% milestone



Potential Project sites

This example for the City of Norwalk

Subwatershed	Land Use Designation	Site Name	Address	Latitude	Longitude	Approx. Site Area (Acres)	Max Hypothetical Tributary Area (A _{TRIBUTARY} , Acres)	Max Hypothetical Design Capture Volume (DCV, Ac-ft)
San Gabriel River	Open Space and Recreation	Arthur Gerdes Park	14700 Gridley Rd.	33.897	-118.0899	8.1	117	9.7
		New River Park	13432 Halcourt Ave.	33.908	-118.1017	4.5	66	5.5
		Orr Park	12130 S. Jersey Ave.	33.921	-118.0845	3.5	51	4.2
		Glazier Park	10801 Fairton St.	33.895	-118.1039	1.9	28	2.3
Coyote Creek	Open Space and Recreation	John Zimmerman Park	13031 Shoemaker Ave.	33.912	-118.0569	13.2	192	15.9
		Hermosillo Park	11959 162nd St.	33.885	-118.0772	8.7	126	10.4
		Norwalk Park	1300 Clarkdale Park	33.91	-118.0719	6.8	100	8.2
		Holifield Park	15021 Bloomfield Ave.	33.893	-118.0665	22.7	331	27.3
	Government Institution	Norwalk City Hall	12700 Norwalk Blvd.	33.916	-118.0712	9.5	139	11.4

Sites are based on preliminary assessment



Control Measures

Adopted LID

Artesia
Bellflower
Cerritos
Diamond Bar
Downey
Hawaiian Gardens
La Mirada
Lakewood
Long Beach
Norwalk
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Whittier

Long Beach is under a different MS4 Permit and the Green Street Policy is under their “complete Streets” but will be updated under their new MS4 permit and can be provided at that time.

Accomplishments Include



The Regional Board has seen this slide many times, Downey's Discovery Park infiltration system is in the San Gabriel River Watershed.

Public Participation

- Public input was sought during the development of the WMPs.
- Joint stakeholder meeting with Los Cerritos Channel.



You are cordially invited to a presentation of the Draft Watershed Management Program



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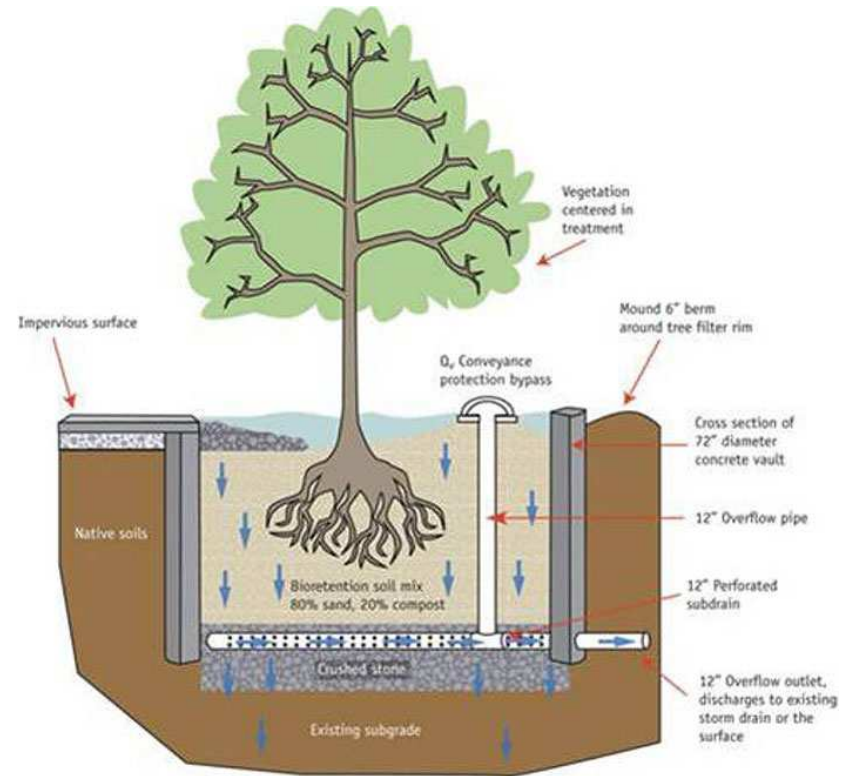
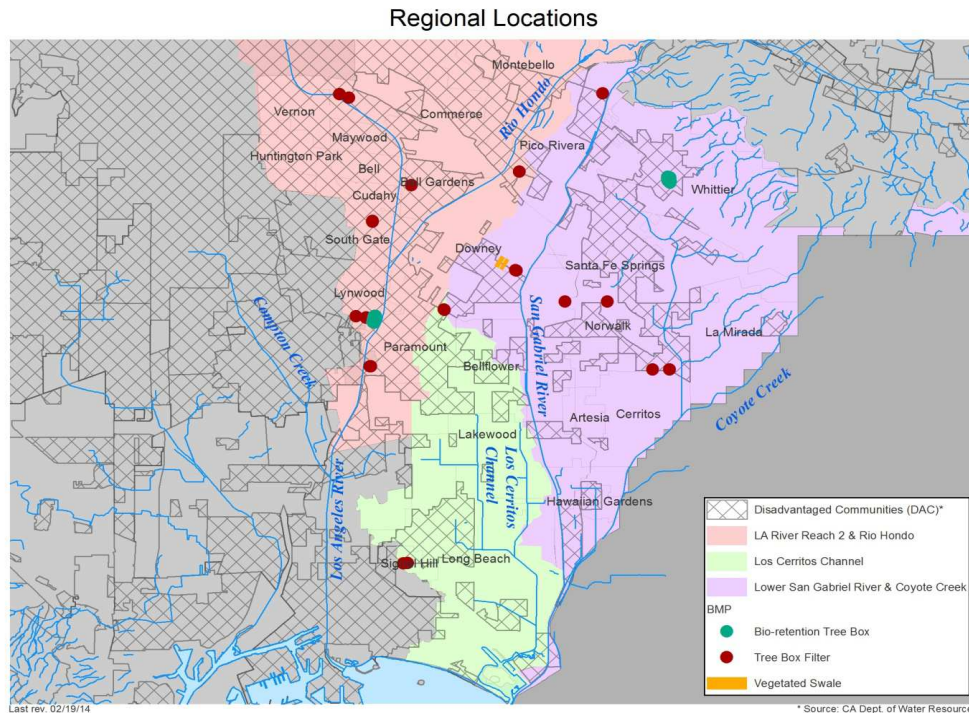
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Next steps?

All 3 watersheds



Each red dot is a (Green) street BMP



Summary For All Three Watersheds

- Long term Management Committees and agreements
- Shared resources to develop the WMPs, spending \$1.8 million
- Potential Project sites have been identified
- Project costs estimated up to \$688 million, That is a real obstacle. Agencies are working with the League and Contract Cities to identify funding solutions
- Funding formula for regional projects remain to be worked out
- The next projects are already underway



The Board and Staff are to be commended for encouraging communities to work together on watershed projects.

Thank you for your time

Wildlife photographed this year in the concrete lined section of Coyote Creek.

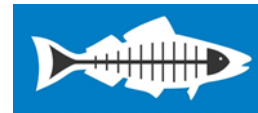
Draft Watershed Management Programs (WMPs) and Monitoring and Reporting Programs

October 9th, 2014

Natural Resources Defense Council

Los Angeles Waterkeeper

Heal the Bay



Heal the Bay



2012 Permit Requirements:

Permittees may “develop Watershed Management Programs to implement the requirements of [the Permit] on a watershed scale through customized strategies, control measures, and BMPs.”
(2012 Permit, at VI.C.1.a.)

In a WMP, permittees must “ensure that discharges from the Permittee’s MS4 . . . do not cause or contribute to exceedances of receiving water limitations” or applicable TMDL provisions. (*Id.* at VI.C.1.d.)

Individually submitted WMPs for Carson, Compton, Gardena, Irwindale, Lawndale, South El Monte, and West Covina

Required sections or appendices are grossly deficient or entirely missing:

- Reasonable Assurance Analysis (missing from Compton; Gardena RAA states City will “meet all of the TMDLs to which it is subject, with the exception of metals.”)
- Water Body Pollutant Classification/Prioritizations
- Stormwater and Outfall Monitoring (City of Gardena Draft CIMP: “[t]he City will not perform non-stormwater outfall monitoring to determine compliance with TMDLs...” (Section One, p.8).)

Common Concerns with Group Draft WMPs

1. Use of non-site specific data for watershed characterization
2. Insufficient water body-pollutant classification and prioritization
3. Improper and unsubstantiated Reasonable Assurance Analysis (RAA)
4. Overreliance on regulatory controls and non-MS₄ entities
5. Proposed projects lack specificity and fail to incorporate multi-benefit solutions
6. Compliance deadlines unreasonably long and extend beyond Permit term
7. Low Impact Development and Green Street requirements
8. Monitoring plans insufficient to characterize runoff and identify responsible parties

Use of Non-Site Specific Data for Watershed Characterization

- Permittees must evaluate existing water quality conditions and characterize the current stormwater and non-stormwater discharges in their watersheds (Permit at VI.C.5.a)
- Acknowledge that, in some cases, watershed characterization data may be limited
- No quantitative or qualitative adjustments for data originating from outside of watershed

Insufficient Water Body-Pollutant Classification and Prioritization

- Permittees are required to classify and prioritize pollutants in each sub-watershed (2012 Permit, at VI.C.5.a.ii.)
- Some permittees do not prioritize pollutants according to 2012 MS4 permit scheme
- In general, permittees review of available data for water body-pollutant classification and prioritization is inadequate

Improper and Unsubstantiated Reasonable Assurance Analysis (RAA)

- Insufficient justification for assumptions about effectiveness and scale of proposed pollution reduction strategies
 - Lack scientific rigor or modeling
 - Example: Lower San Gabriel River
 - Alleges that 25% irrigation reduction will result in an approximately 60% reduction in overall dry weather pollutant loading



Image:brazos.org

Improper and Unsubstantiated Reasonable Assurance Analysis (RAA)

- Inappropriately rely on future legislation and policy changes
 - Example: SB 346, the copper brakes bill
- Overreliance on future adaptive management to meet permit requirements



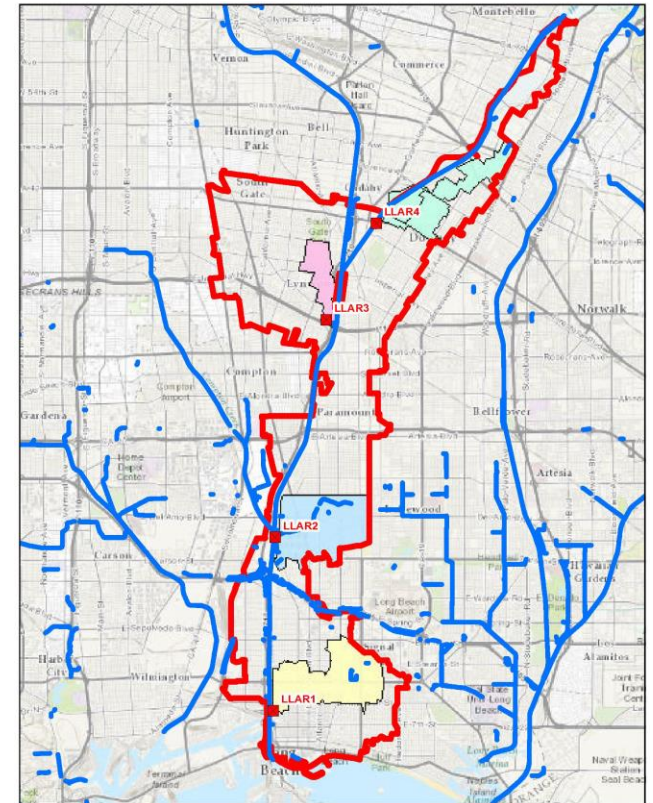
Image: www.copper.org

Compliance Deadlines Unreasonably Long and Extend Beyond Permit Term

- Failure to meet interim and ultimate compliance with RWLs in a timely manner
 - Example: Los Cerritos Channel WMP-ultimate compliance 2040
- Propose interim TMDL compliance milestones for TMDLs that are past due and subject to final compliance limitations

Common concerns with Group WMPs' monitoring programs

- Inadequate Maps
 - Missing land use overlay with proposed monitoring locations
 - Drainage areas of outfall monitoring sites
 - (Example: Lower Los Angeles River, Los Angeles River Upper Reach 2)
 - Unclear



Common concerns with Group WMPs' monitoring programs....

- Monitoring locations fail to meet Permit requirements
 - Receiving water monitoring locations
 - Inadequate receiving water monitoring locations (Example: Los Angeles River Upper Reach 2)
 - Outfall monitoring locations
 - Unrepresentative outfall monitoring locations (Example: Lower San Gabriel River, Lower Los Angeles River, Santa Monica Bay Watershed Jurisdiction Group 7)

Common concerns with Group WMPs' monitoring programs....

- Monitoring frequencies fail to meet Permit requirements
 - Receiving water monitoring
 - Inconsistent with TMDL monitoring requirements (Example: Los Cerritos Channel)
 - Outfall monitoring
 - Rotating outfall monitoring sites (Example: Upper Los Angeles River Reach 2)
- Improper elimination of pollutant monitoring
 - Regional Board approval (Example: Lower Los Angeles River, Santa Monica Bay Watershed Jurisdiction Group 7)
 - Minimum parameters (Example: Los Cerritos Channel)

Conclusion...

- The goal of the WMPs and monitoring programs under the Permit – ensure that discharges from the MS₄ achieve applicable WQBELs and do not cause or contribute to exceedances of RWLs and measure accurately permittees' compliance
- The WMPs and monitoring programs fail to achieve Permit requirements
- The Regional Board should not approve the WMPs until they are significantly revised to address numerous deficiencies

October 9, 2014

Watershed Management Program for Santa Monica Bay Jurisdictional Group 7 within the City of Los Angeles

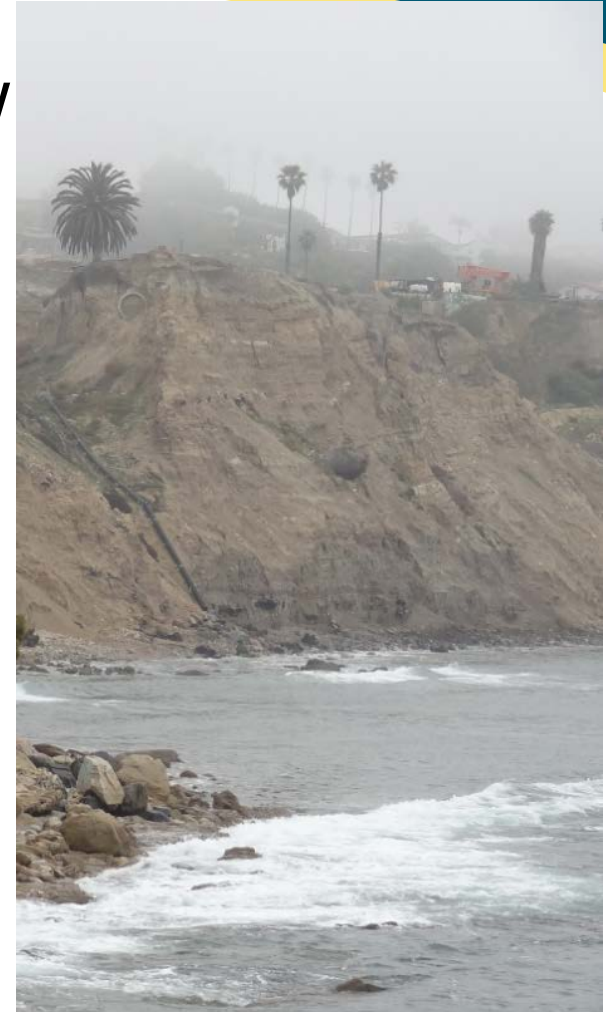


RB-AR2238



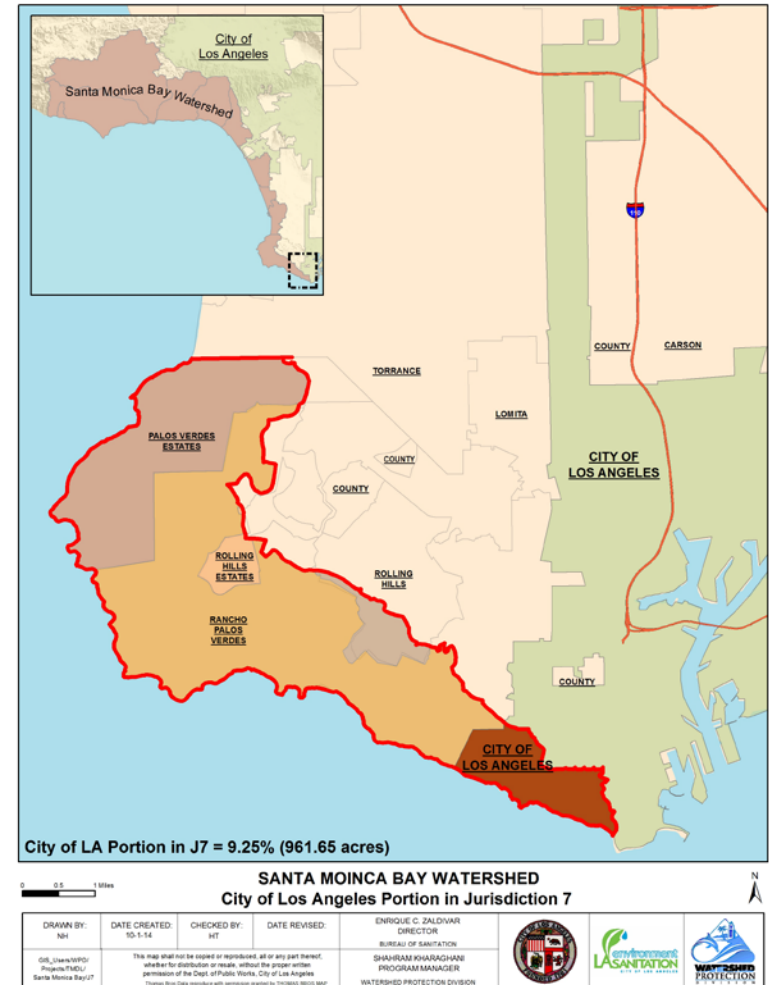
Outline

1. SMB JG7 WMP Group Overview
2. Water Quality Priorities
3. Pollutant Reduction Strategy
4. Selected Watershed Control Measures
5. Outreach and Stakeholder Input on Draft WMP



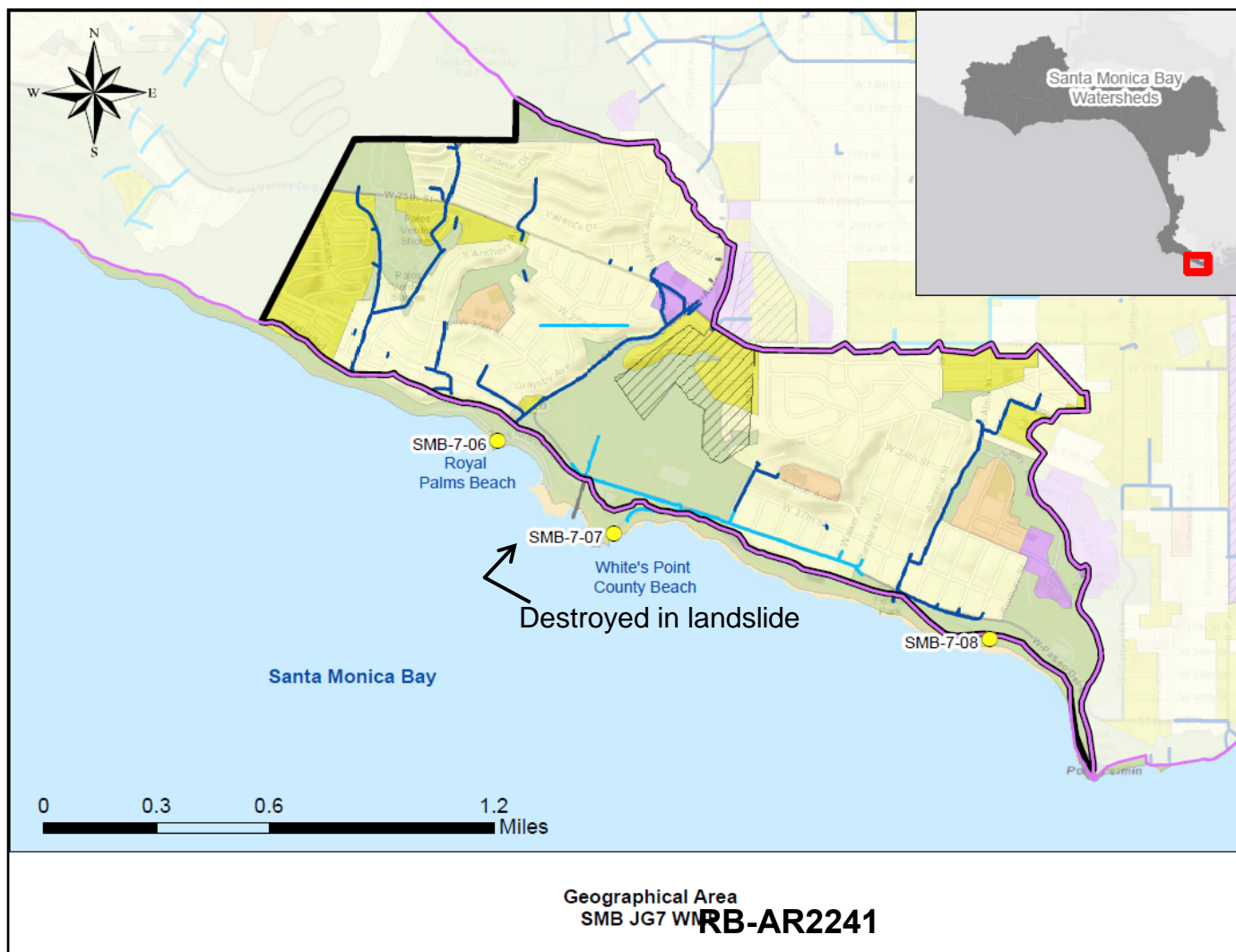
SMB JG7 WMP Group Overview

- WMP Group:
 - City of LA area - 977 acre (16.6% of entire JG7)
 - LACFCD - storm drains
- Receiving Waters:
 - Santa Monica Bay



RB-AR2240

SMB JG7 WMP Group Overview



- Two Bacteria Monitoring Stations
- Anti-degradation

Water Quality Priorities

Category 1 WBPCs

Category 1, Highest Priority: All Applicable TMDLs

- SMB Dry Weather Bacteria TMDL
 - Summer Dry: 2006
 - Winter Dry: 2009
- SMB Wet Bacteria Weather TMDL - 2013
- SMB Offshore/Near Shore Debris - 2020
- SMB Toxics (PCB/DDT) - EPA TMDL

Water Quality Priorities

Category 2 and 3 WBPCs

- **Category 2, High Priority:** No other 303(d) WBPCs listed at this time
- **Category 3, Medium Priority:** No other exceedances of WBPCs at this time

Pollutant Reduction Strategy

- **Bacteria: in compliance**

- Anti-degradation sites; no reduction required
- Maintain compliance

- **Trash: TMRP developed**

- 57 catch basin retrofit with screens by December 2015 (26%)
- Remaining 161 cover and/or insert retrofits (100%) by July 2016

- **PCBs/DDTs: in compliance**

- Maintain current baseline

Selected Watershed Control Measures

- LID Ordinance: Effective May 2012
- Green Streets Policy: Adopted July 2011
- MCMs: ongoing to meet Permit requirements
- Structural BMPs: limited opportunities due to geographic constraints, landslide hazards.
- Adaptive management process in coordination with CIMP



Outreach and Stakeholder Input on Draft WMP

- Public outreach meeting held on April 10th in combination with all City-wide EWMPs/WMPs
- Stakeholder input received on Draft WMP



Summary

- Several category 1 WQ priorities, but no categories 2 and 3
- Currently in compliance through existing measures
- CIMP Implementation
 - Receiving water monitoring
 - NSW outfall monitoring
 - SW outfall monitoring
 - Cost: \$330k for first 3 years
- Adaptive management is key: revise WMP if data from CIMP would demonstrate persistent exceedances of RWLs and WQBELs

MEETING

THE LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD

In the Matter of)
)
Regular Board Meeting)
_____)

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

COUNCIL CHAMBERS

613 EAST BROADWAY

GLENDALE, CALIFORNIA

THURSDAY, OCTOBER 9, 2014

9:04 A.M.

Reported by:

Jacqueline Denlinger

RB-AR2248

APPEARANCES

BOARD MEMBERS

Charles Stringer, Chair

Irma Munoz, Vice Chair

Madelyn Glickfeld

Fran Diamond

Lawrence Yee

STAFF

Sam Unger, Executive Officer

Deborah Smith

Jennifer Fordyce

Nicole Kuenzi

Ronji Moffett

David Hung

Renee Purdy

Cris Morris

Dr. Ginachi Amah

Michael Lyons

Thomas Siebels

Cassandra Owens

Rosario Aston

Elizabeth Erickson

Eric Wu

APPEARANCES

STAFF

Mercedes Merino

Hugh Marley

Russ Colby

Chris Lopez

Jenny Newman

Jau Ren Chen

Raul Medina

Dr. CP Lai

Dr. Rebecca Chou

Dr. Arthur Heath

Shana Rapoport

Dr. L.B. Nye

Kristie Kao

Theresa Rodgers

Rebecca Christmann

Ivar Ridgeway

Steven Webb

ALSO PRESENT

Russell Colby, San Gabriel River Discovery Center

Mark Stanley, San Gabriel River Discovery Center

Irvin Barragan, San Gabriel Valley Conservation Corps.

Sandonne Goad, San Gabrielino/Tonqua Nation

APPEARANCES

ALSO PRESENT

Belinda Faustinos, San Gabriel River Discovery Center Foundation

David Downing. Middle Schools ESC East LAUSD

Miguel Luna, Urban Semillas

Elva Yanez, Colibri Strategies

Samantha Marquez. Rep. Assembly Member Ian Calderon

Raul Macias, Anahuac Socces Assoc.

Kimberly Henry, San Gabriel River Discovery Center

Sharon Green, LA County Sanitation District

Peter Shellenbarger, Heal the Bay

Julia Bogany, Gabrieleno/Tongva/San Gabriel Mission

Klarissa Palacias, LAUSD

Hugo Garcia, Discovery Center Authority

Fernando Avcieniega, Wilson High School Environmental Academy

Ken Manning, Rep. San Gabriel River Discovery Center

Damon Nagami, National Resource Defense Council

Dr. Richard Shope, Eco Voices

Item 15 Attendees:

Grace Hyde, Santa Clarita Valley (SCV) Sanitation District

Phil Friess, Santa Clarita Valley (SCV) Sanitation District

Mayor Laurene Weste, SCV Sanitation Districts

Mayor Lawrence Weste, Rep. Santa Clarita Valley Sanitation District

Council member Timben Boydston

APPEARANCES

Item 15 Attendees:

Council member Bob Kellar

Alyssa Curian, Rep. Assemblymember Scott Wilk

Mark Hernandez, Rep. Supervisor Kathy Long, Ventura County

Louise Rishoff, Rep. Senator Fran Pavley

Alan Cameron, Rep. Affordable Clean Water Alliance

Mark Palamountain, Limoneira

Steve Cole, Newhall Valley Water District

Rob Roy, Ventura County Ag Water Quality Coalition

Tony Morgan, United Water Conservation District

Cam Noltemeyer, Representing self

Marta Brown, Building Industry Association

Michael Solomon, United Water Conservation District -
Ventura County

Chris Paul, Valley Industrial Association

Frank Ferry, Representing self

Mr. Dan Masnada, Castaic Lake Water Agency

Ms. Holly Schroeder, Santa Clarita Valley EDC

Ms. Terri Crain, SCV Chamber of Commerce

Jeanne Duarte, SCVOne Water

Board Workshop Attendees:

Permittees:

Ed Suher, City of South El Monte

Cody Howing. City of Walnut

APPEARANCES

Board Workshop Attendees:

Ray Tahir, Gardena, Carson, Irwindale, West Covina, South El Monte, Lawndale

Shahram Kharaghani, Santa Monica Bay Jurisdictional Grp.
7

Steve Myrter, City of Signal Hill

John Hunter, Rep. L.A. River, Los Cerritos Channel, and Lower San Gabriel Watershed Committee

Anthony Arevalo, City of Long Beach

Richard Watson, Richard, Watson & Associates

Adriana Figueroa, City of Norwalk

Bill Johnson, Alamitos Bay, The County Island

Dr. Gerald Greene, Los Angeles River Upper Reach 2

Gina Nilo, City of Commerce

Nicola Bresciani, City of La Verne

Bronwyn Kelly, MWH Global

Environmental Groups:

Johanna Dyer, Natural Resources Defense Counsel

Noah Garrison, National Resource Defense Counsel

Ms. Kirsten James, Heal the Bay

Ms. Laura Meeker, L.A. WaterKeeper

Ms. Tatiana Gaur, L.A. WaterKeeper

Interested Persons:

Ms. Joyce Dillard

RB-AR2254

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Introductory Items:

- | | | |
|----|---|---|
| 1. | Roll Call | 1 |
| 2. | Order of Agenda. Note that the agenda items are numbered for identification purposes and may not necessarily be considered in this order. | 2 |
| 3. | Approval of draft meeting Minutes of the June 12, 2014 and July 10, 2014 Board meeting.
[Ronji Moffett, (213) 576-6612] | 6 |
| 4. | Board Member Communications. | 7 |
| | 4.a. Ex Parte Disclosure. Board Member will identify any discussions they may have had requiring disclosure pursuant to Government Code section 11430.40. | |
| | 4.b. Board Members Reports. The Board Members may discuss communications, correspondence, or other items of general interest relating to matters within the Board's jurisdiction. | |

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Uncontested Items:

UNCONTESTED ITEMS

*(Items marked with an asterisk are expected to be routine and noncontroversial. The Board will be asked to approve these items at one time without discussion. Any Board member or person may request that an item be removed from the Uncontested calendar. **Items removed from the Uncontested calendar may be heard at a future meeting.**)*

**Waste Discharge Requirements that Serve as
Individual NPDES Permits**

Renewal-

- *5. Vopak Terminal, Los Angeles, Inc., Inland Terminal, Wilmington; NPDES No. CA0063177 16
(Comment submittal deadline was September 18, 2014) [Jau Ren Chen, (213) 576-6656]

Renewal-

- *6. Naval Engineering and Expeditionary Warfare Center, Seawater Desalination Test Facility, Port Hueneme; NPDES No. 0064564 (Comment 16

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Uncontested Items:

submittal deadline was August 29, 2014)
[Thomas Siebels, (213) 576-6756]

Termination-

- *7 Southern California Edison Company, (Pebbly Beach 16
Desalination Plant), Avalon; NPDES No. CA0061191.
(Comment submittal deadline was September 5, 2014)
[Rosario Aston, (213) 576-6653]

Non-NPDES State Discharge Requirements

Termination-

- *8. Chase Brothers Dairy, Inc., Order No. 01-069 16
CI No. 5982, Oxnard; File No. 72-102 (Comment
submittal deadline was August 10, 2014)
[Mercedes Merino, (213) 620-6156]

BOARD BUSINESS/REPORTS

9. Executive Director's Report. [Sam Unger, 282
(213) 576-6605]
10. Approval of Proposed 2015 Board Meeting Schedule 18
[Ronji Moffett, (213) 576-6612]

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	<u>PAGE</u>
11. Update from State Board. [Fran Spivy-Weber]	--

Public Forum:

PUBLIC FORUM

12. Any person may address any matter within the Board's jurisdiction provided the matter does not appear elsewhere on this agenda, has not been scheduled to appear on a future agenda, and is not expected to be imminently scheduled for the Board's consideration. Remarks will be limited to three (3) minutes, unless otherwise directed by the Chair. If a person intends to use a PowerPoint presentation or other visual aid, you must contact Ronji Moffett, (213) 576-6612, at the Regional Board at least 48 hours prior to the meeting to arrange for equipment use and be prepared to load any PowerPoint presentation on the computer prior to the meeting to assure the orderly conduct of the meeting.	--
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CONT. UNCONTESTED ACTION ITEMS

	<u>Non-NPDES State Discharge Requirements</u>	16
	Renewal-	
*13.	Port of Long Beach, Middle Harbor Redevelopment Project, Long Beach; File No. 05-204 (Comment submittal deadline was September 15, 2014) [Michael Lyons , (213) 576-6718]	
	Revision -	
*14.	Port of Los Angeles, Berth 24/36 Maintenance Dredging, San Pedro; File No. 13-113 (Comment submittal deadline was September 15, 2014) [Michael Lyons, (213) 576-6718]	16
	<u>Basin Planning/TMDL</u>	
15.	Consideration of proposed Basin Plan amendment to revise the Total Maximum Daily Load (TMDL) for Chloride in the Upper Santa Clara River. (Comment submittal deadline was September 18, 2014) [Jenny Newman, (213) 576-6691]	73

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INFORMATION ITEM

(These items are for information purposes only. No voting will take place on these items.)

16. Update on the San Gabriel River Discovery Center 19
Voting. [Mark Stanley, Rivers and Mountains
Conservancy Authority; Russ Colby, L.A. Regional
Board, (213) 620-6373]

BOARD WORKSHOP

17. Workshop on the draft Watershed Management 161
Programs (WMPs) submitted pursuant to Part
VI.C of the Los Angeles County Municipal
Separate Storm Sewer System (MS4) NPDES Permit
(Order No. R4-2012-0175). Staff will make a
presentation on the status of review of the draft
WMPs. Permittees will be invited to give brief
presentations on WMPs. Other interested persons
will have the opportunity to make oral comments
subject to time limits. (The Board may provide
feedback to staff on the draft WMPs; however, no
action or voting will take place at this workshop.)

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[Renee Purdy, (213) 576-6622; Ivar Ridgeway,
(213) 620-2150]

CLOSED SESSION

18. As authorized by Government Code section 11126, 314
The Regional Board will be meeting in closed
Session. Closed session items are not open to the
public. Items the Board may discuss include the
following: [Jennifer Fordyce (JF), (916) 3247-6682;
Frances McChesney (FM), (916) 341-5174; Nicole
Kuenzi (NK), (916) 322-4142; Lori Okun (LO),
(916) 341-5165]

Closed Session:

- 18.1 *State Department of Finance, State Water Resources
Control Board and Los Angeles Regional Water
Quality Control Board v. Commission on State
Mandates*, Supreme Court of California Case No.
S214855. [Challenging the Commission's decision
that portions of the 2001 Los Angeles County MS4
permit created unfunded state mandates]. (JF)
- 18.2 *In re: Halaco Engineering Company*, United States
Bankruptcy Court Central District of California,

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Closed Session:

Northern Division, No. ND-02-1255 RR [Regarding a cease and desist order and cleanup and abatement order at the Oxnard Property]. (JF)

18.3 *In re: Los Angeles Region Water Permit - Ventura County*, Commission on State Mandate Test Claim No. 110-TC-01 [Regarding a test claim filed by Ventura County Watershed Protection District and the County of Ventura alleging that portions of Order No. R4-2010-0108 created unfunded state mandates]. (JF)

18.4 *In re: Petition of Cities of Signal Hill, Downey, et al, for Review of Order No. R4-2009-0130, SWRCB/OCC File A-2071* [Challenging the incorporation of Waste Load Allocations from the Los Angeles River Watershed Trash TMDL into the Los Angeles County MS4 Permit]. (JF)

18.5 *Santa Clarita Valley Sanitation District of Los Angeles County v. Commission on State Mandates (Respondent), Los Angeles Regional Water Quality Control Board and Department of Finance (Real Parties in Interest)*, Los Angeles County Superior Court, Case No. BS148024 [Challenging the

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Closed Session:

- Commission's decision that Resolution No. R4-2008-0012 did not create unfunded state mandates]. (JF)
- 18.6 *Joan C. Lavine v. State Water Resources Control Board and Los Angeles Regional Board*, Los Angeles County Superior Court Case No. BS128989 [Challenging the Basin Plan Amendment prohibiting on-site wastewater disposal systems in the Malibu Civic Center area]. (FM)
- 18.7 *Charles Conway et al. v. State Water Resources Control Board and Los Angeles Regional Water Quality Control Board*, California Court Appeal Case No. B252688 [Challenging the McGrath Lake TMDL for polychlorinated biphenyls (PCBs), pesticides, and sediment toxicity]. (JF)
- 18.8 *Green Acres, LLC v. Los Angeles Regional Water Quality Control Board and State Water Resources Control Board*, Los Angeles County Superior Court Case No. BS138872 [Challenging the Basin Plan Amendment prohibiting on-site wastewater disposal systems in the Malibu Civic Center area]. (FM)
- 18.9 *Balcom Ranch v. State Water Resources Control Board and Los Angeles Regional Water Quality*

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Closed Session:

- Control Board, Ventura County Superior Court Case No. 56-2012-00419048-CU-MC-VTA [Challenging assessment of administrative civil liability in Order on Complaint No. R4-2010-0023) (LO)*
- 18.10 *In re: Petitions of the City of San Marino et al. for Review of Order No. R4-2012-0175, SWRCB/OCC File A-2236(a)-(kk) [Challenging the Los Angeles County MS4 Permit]. (JF)*
- 18.11 *Joan C. Lavine v. State Water Resources Control Board, Los Angeles Regional Board, and Cal/EPA, Los Angeles County Superior Court, Case No. BS 143391 [Challenging the State Water Board's Onsite Wastewater Treatment System Policy].*
- 18.12 *In re: Los Angeles Regional Water Permit - Cities of Los Angeles County, Commission on State Mandate Test Claim No. 13-TC-01 [Regarding A test claim filed by several cities within Los Angeles County alleging that portions of Order No. R4-2012-0175 created unfunded state mandates]. (JF)*
- 18.13 *In re: Los Angeles Region Water Permit - County of Los Angeles, Commission on State*

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Closed Session:

Mandate Test Claim No. 13-TC-02 [Regarding a test Claim by the County of Los Angeles and Los Angeles County Flood Control District alleging that portions of Order No. R4-2102-0175 created unfunded state mandates]. (JF)

18.14 Consultation with counsel about:

- (a) A judicial or administrative adjudicatory proceeding that has been formally initiated to which the Regional Board is a party;
 - (b) A matter that, based on existing facts and circumstances, presents significant exposure to litigation against the Regional Board; or
 - (c) A matter which, based on existing facts and circumstances, the Regional Board is deciding whether to initiate litigation.
- (JF/FM/NK)

18.15 Consideration of the appointment, employment, or evaluation of performance about a public employee. (JF/FM/NK)

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Closed Session:

19. **Adjournment of current meeting.** The next regular meeting of the Board will be held on November 6, 2014 at the Metropolitan Water District of Southern California, located at 700 North Alameda Street, Board Room, Los Angeles, CA 90071, beginning at 9:00 a.m. ???

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P R O C E E D I N G S

9:04 a.m.

PROCEEDINGS BEGIN AT 9:07 A.M.

GLENDALe, CALIFORNIA, THURSDAY, OCTOBER 9, 2014

CHAIR STRINGER: Good morning, everybody. Sorry, I've got to get used to this mike. So we're going to get started, sorry we're a few minutes late. We've got a very busy agenda and obviously a lot of interest in the things on our agenda today.

So you've found your way to the Los Angeles Regional Water Quality Control Board monthly meeting. And we always begin our meetings with the Pledge of Allegiance.

Larry, could you lead us, please?

(Whereupon the Pledge of Allegiance is made.)

CHAIR STRINGER: And you may notice we've got a few empty seats up here. One Board member is on their way and we have two Board members who will not coming in attending today. So Madelyn looks like they will be here, hopefully shortly.

Ronji, roll call please?

MS. MOFFETT: Yes. Ms. Camacho? Ms. Diamond?

BOARD MEMBER DIAMOND: Here.

MS. MOFFETT: Ms. Glickfeld? Ms. Mehranian? Ms. Munoz?

VICE CHAIR MUNOZ: Here.

1 MS. MOFFETT: Mr. Stringer?

2 CHAIR STRINGER: Here.

3 MS. MOFFETT: And Mr. Yee?

4 BOARD MEMBER YEE: Here.

5 CHAIR STRINGER: Sam, we've got some changes to
6 the agenda today, the order of the agenda?

7 EXECUTIVE OFFICER UNGER: Yes, we do Chair
8 Stringer, a couple of changes to the order of agenda.

9 First, we are going to move the Executive Officer
10 Report to the end of the meeting. It will be the last item
11 and be heard later this afternoon.

12 Second, the State Board will not be presenting an
13 update to you, so Item 11 is canceled.

14 Third, when we get to the uncontested items
15 calendar I'm going to recommend or propose to you that items
16 13 and 14 are moved to the uncontested items calendar. They
17 are both dredging projects in the course of Long Beach and
18 Los Angeles Harbors. We received no comments on the Long
19 Beach Harbor item and one comment of support from Heal the
20 Bay for the Los Angeles Harbor dredging (inaudible) project.
21 If we do not move them both to the uncontested calendar I
22 will recommend that we move Long Beach Harbor item, item 13,
23 to next month and we hear the Los Angeles item for later
24 today.

25 Fourth, I propose moving item 16, the Discovery

1 Center, before item 15.

2 So putting all that together the agenda will read
3 from this point forward, items three and four in the
4 uncontested items -- five, six, seven, eight, thirteen and
5 fourteen perhaps. Then item 12, item 10, then 16, 15 and
6 17, 13 will find the item gone. So that'll be that. I'd
7 also --

8 CHAIR STRINGER: So just to be -- I just want to
9 make sure everyone's got that, because we want to make sure
10 people are here when they were informed they'd be here. Can
11 we go through that one more time?

12 EXECUTIVE OFFICER UNGER: Sure.

13 CHAIR STRINGER: A little more slowly?

14 EXECUTIVE OFFICER UNGER: Yeah, I will be happy
15 too. So essentially what we're -- where we are right now is
16 we're on item two.

17 CHAIR STRINGER: Right.

18 EXECUTIVE OFFICER UNGER: We're going to then move
19 to item three, approval of minutes. Then item four board
20 member communications. We'll then go to our uncontested
21 item calendar five, six, seven, eight. And then as I
22 informed you and proposed to you, that we do 13 and 14 to
23 that calendar as well. We then do item 12, which is public
24 forum.

25 CHAIR STRINGER: And so we will not be hearing an

1 update from the State Board. You can go ahead and cross
2 that out of there.

3 VICE CHAIR MUNOZ: Wait, public forum is not at
4 the end of the day? You said that --

5 CHAIR STRINGER: Right.

6 EXECUTIVE OFFICER UNGER: No, the EO Report will
7 be at the end of the day --

8 CHAIR STRINGER: The EO Report is at the end of
9 the day.

10 EXECUTIVE OFFICER UNGER: -- but public forum will
11 be this morning.

12 CHAIR STRINGER: Right.

13 EXECUTIVE OFFICER UNGER: And then we go to item
14 ten, the approval of the schedule for next year. Then item
15 16, which is -- will essentially be the first item large
16 item today, it's the information item on the San Gabriel
17 River Discovery Center Project. And as you may know, Mr.
18 Stanley the Executive Director for the Conservancy, has
19 invited a number of schoolchildren here.

20 CHAIR STRINGER: Yes.

21 EXECUTIVE OFFICER UNGER: And so what we're going
22 to ask people to do is if people are not for the Discovery
23 item to move outside the room. I understand that there's
24 some chairs set up downstairs for those of you who are here
25 for other items, to allow the children to come and witness

1 the Board hearing.

2 And then after that item's over essentially we
3 will then go to -- where do we go? We then go to
4 essentially item 16 --

5 CHAIR STRINGER: 15.

6 EXECUTIVE OFFICER UNGER: -- 15 yes, I'm sorry, my
7 bad. Item 15, which is the Basin Plan amendment for the
8 revision of the total maximum daily load for the Santa Clara
9 River chloride submittal. Then we go to our Board workshop,
10 which we expect to take most of the afternoon, item 17.

11 CHAIR STRINGER: Great.

12 EXECUTIVE OFFICER UNGER: And there's just one
13 other thing to add. We have some outstanding achievement
14 awards for some of our staff here. What I'm going to
15 propose is that we hear the Discovery item first and then we
16 could take a break and celebrate some of our staff's
17 outstanding achievements.

18 CHAIR STRINGER: Great. Great, that's an
19 important thing to do. Thank you.

20 EXECUTIVE OFFICER UNGER: yes.

21 CHAIR STRINGER: So as I said we've got a crowded
22 agenda and a crowded room. As Sam mentioned, we have a
23 busload of schoolchildren to come in to hear about item 16
24 and we'd like to try to make room. Sam, are the -- Sam, are
25 they here now or --

1 EXECUTIVE OFFICER UNGER: What is that, for the --
2 CHAIR STRINGER: For (inaudible)
3 EXECUTIVE OFFICER UNGER: The Discovery Center,
4 yes. The Discovery Center is here, I'm not sure whether the
5 children are here, but the Discovery Center --
6 CHAIR STRINGER: Okay. If we can -- or if we can
7 kind of help maybe get some help coordinating that from the
8 staff as we go along?
9 EXECUTIVE OFFICER UNGER: Yes, I think David Hung
10 has -- you know, Section Chief of the MPS (phonetic) --
11 CHAIR STRINGER: Okay. Great.
12 EXECUTIVE OFFICER UNGER: -- he has offered to try
13 to corral staff in and out of the room and (inaudible)
14 CHAIR STRINGER: Great, so we're going to have
15 space limitations and if folks can make room for the kids
16 when they show up that would be really wonderful. It's
17 obviously important for them to be here, to see what all of
18 us big people do.
19 Okay. So the next thing up on the agenda -- thank
20 you for that, Sam -- is approval of the draft minutes from
21 our last meeting. Do I have a motion?
22 VICE CHAIR MUNOZ: I'll move approval.
23 BOARD MEMBER YEE: And second.
24 CHAIR STRINGER: All in favor?
25 ALL BOARD MEMBERS: Aye.

1 CHAIR STRINGER: The motion carries. We do have a
2 quorum, correct?

3 ALL BOARD MEMBERS: Yes.

4 CHAIR STRINGER: Board Member Communications,
5 Larry?

6 BOARD MEMBER YEE: Nothing to report.

7 BOARD MEMBER DIAMOND: I did get a call last week
8 from a resident of Sullivan Canyon, which is right -- the
9 canyon just west of Mandeville Canyon. A person that I know
10 was very concerned, because a number of mature oak trees had
11 been cut down without any notice to the residents. And she
12 was alarmed and not quite sure what to do. I was in
13 Sacramento for the WQCC, so I got in touch with staff and
14 was able to reach Sam before he left for Sacramento. And
15 anyway, staff has been working very hard on that, responded
16 very quickly to the situation.

17 Unfortunately, even though we had one of our
18 inspectors go out not one, but three times, some -- many of
19 the trees, about 55 mature oak trees, were cut down.
20 However, there's some working together with, I believe Fish
21 and Wildlife and our staff, to make sure that nothing
22 proceeds on this development without proper permitting and
23 processes.

24 So I just wanted to report that that happened and
25 most of all that the staff was very responsive and worked

1 really hard on this issue without much time. So I was very
2 proud of the fact that we could move quickly and be so
3 nimble and try to help people who depend on government to
4 help them in these kinds of situations. And she reported
5 back to me that we were the only agency that really listened
6 and really -- really tried to help and continues to help.
7 So I felt very good about that and wanted to share that with
8 all of you and particularly the staff.

9 And I don't know if the -- I think it was Valerie
10 Carrillo was the inspector who went out there and has really
11 been working hard on this and very responsive to the
12 residents. And so I want to thank the staff and
13 particularly Valerie for working so hard on this and
14 continuing to do that.

15 CHAIR STRINGER: Thank you. And yeah, there's
16 some lessons learned from that experience, I think too, that
17 we're going to be talking about, so I appreciate that.

18 Fran, anything?

19 VICE CHAIR MUNOZ: No.

20 CHAIR STRINGER: I don't have much. I do want to
21 say that most of us were in Sacramento just last week for a
22 couple of days for our annual retreat. We get together with
23 all the other boards and the State Board.

24 Some of the highlights of our conversation: we did
25 spend quite a bit of time talking about the new groundwater

1 legislation and how that may and may not affect our work
2 here in the Regional Board. We, of course, had spent a lot
3 of time talking about the drought and then an interesting
4 wetlands initiative that's being started by some Board
5 members and there's going to be some work done to try to
6 coordinate -- identify and coordinate on a statewide basis
7 from all the regional boards on wetlands issues. So it was
8 a very constructive and informative couple of days and fun
9 too.

10 So Sam, Uncontested Items?

11 EXECUTIVE OFFICER UNGER: Yes, I would propose I
12 think staff is ready for or here for awards, would you like
13 to do that?

14 CHAIR STRINGER: Do you want to do that now?

15 EXECUTIVE OFFICER UNGER: We can do that now?

16 CHAIR STRINGER: Sure, absolutely.

17 EXECUTIVE OFFICER UNGER: Yeah.

18 CHAIR STRINGER: We're going to take a brief
19 moment and honor some -- some staff.

20 (Colloquy Between Board and Staff)

21 CHAIR STRINGER: So I guess we're going to have
22 the managers of the staff come up and do a brief
23 introduction for each of the recipients of the award? And
24 so do we have that organized?

25 EXECUTIVE OFFICER UNGER: David, yeah. David, you

1 or Chris?

2 MR. HUNG: Chris is not here just yet.

3 EXECUTIVE OFFICER UNGER: Go ahead, David.

4 CHAIR STRINGER: Good morning.

5 MR. HUNG: Good morning. I just want to introduce
6 -- we have a outstanding staff in the past few years that
7 have done a excellent job, a outstanding job, for the
8 permitting work. And this staff -- as you know that we've
9 been presenting a number of NPEDS permits to the Board. A
10 couple of them -- they got audits, a kind of audit by EPA
11 review -- they call it EPA permit quality review. And after
12 that review, among all the regional boards, they have a list
13 of three permits from this Regional Board as a role model of
14 a NPEDS permit in the state.

15 And I want to introduce this staff who has been
16 working for the Regional Board for many years. And he has
17 been working very diligently and cooperatively with all of
18 the stakeholders to resolve all of the issues. And two of
19 the three permits under EPA's review were not even his
20 permits, he took over from others, other staff who left the
21 Board, but still got outstanding performance.

22 And recently he presented a -- during the drought
23 a Montebello Forebay permit amendment as you recall. That
24 was very timely and this staff who is Raul Medina. But we
25 didn't tell him what's the reason to come over, he has no

1 clue at all.

2 (Applause/colloquy as Mr. Medina accepts award)

3 EXECUTIVE OFFICER UNGER: Okay. Rebecca, is
4 Rebecca here? Rebecca, no?

5 MS. CRISTMANN: Yes, she is.

6 EXECUTIVE OFFICER UNGER: Oh, there she is. Okay,
7 great. Yes, Rebecca's going to introduce our next recipient.

8 MS. CRISTMANN: I am very honored to introduce
9 Mercedes Merino. She was nominated for her outstanding
10 performance and productivity. She has extensive enforcement
11 experience and has lead the development of an enforcement
12 strategy for WDR compliance. She has supported groundwater
13 programs staff and trained interns on GEOTRACKER and CIWQS
14 database to ensure all compliance entries are correct.

15 Upon on adoption of an OWTS Policy Mercedes
16 initiated as implementation by creating a checklist for case
17 review in order to verify whether discharges meet criteria
18 as specified in Tier 0 and Tier 1 of the OWTS policy.
19 Mercedes has promoted the great customer service of the
20 Water Board and achieved better groundwater and surface
21 water protection.

22 (Applause/colloquy as Ms. Merino accepts award)

23 EXECUTIVE OFFICER UNGER: And lastly, I think we
24 have either Renee or Jenny represent the next award?

25 MS. FORDYCE: Renee and I are both going to

1 present the next award.

2 EXECUTIVE OFFICER UNGER: Okay, great.

3 MS. FORDYCE: Our next award is for DR. C.P. Lai.

4 Over the last ten years of the TMDL Unit C.P. has developed
5 more than 30 -- or reviewed -- developed or reviewed more
6 than 30 complex water quality models that serve every
7 watershed in our region. He is a key member of our TMDL
8 staff. Every TMDL that Dr. Lai has developed or
9 participated in developing has undergone a most vigorous
10 peer review. And every model that Dr. Lai has worked on has
11 supported effective TMDLs that have resulted in measurable
12 water quality improvements.

13 C.P. is also a mentor and a leader for all of our
14 TMDL staff and we love having him on our team. And we also
15 love loaning him out to other units, because Dr. Lai is also
16 an expert in environmental statistics and he provides
17 support to many other Regional Board programs including our
18 NPDES site cleanup non-chapter 15 and municipal storm water
19 units. And I'll turn it over to Renee.

20 MS. PURDY: I just want to say a few words too,
21 because as Jenny said Dr. Lai does do a lot of work, not
22 just in the TMDL program, but in other programs as well.
23 Most notably, over the last year and a half he's been
24 working very closely with the MS4 Program on the watershed
25 management programs, which you're going to hear a lot more

1 about this afternoon. And specifically, as you all probably
2 recall we have a very rigorous modeling element to those
3 programs that we call the reasonable assurance analysis.
4 And Dr. C.P. Lai led up an effort to develop very specific
5 guidelines for the permittees, so they understood the
6 expectations for the modeling. And has been, for the last
7 several months, going through a very rigorous evaluation of
8 the submittals that we've had. Essentially, we're running
9 everybody's models to make sure that they check out.

10 So with that I think Sam also might want to say a
11 few words, because C.P. does make his way around to many
12 programs. And Sam, I believe, was the person who actually
13 hired Dr. Lai originally. So --

14 EXECUTIVE OFFICER UNGER: No. Well, actually I
15 just stole him away from NPDES and brought him to TMDL, but
16 I did want to just put a little bit of context as to what
17 C.P. has meant to the Board in a big picture sort of way.

18 And I think, you know, about 15 years ago or so,
19 you know, there was always a gap between what our regulatory
20 programs were able to achieve in terms of the receiving
21 water quality. That is, we had NPDES limits and things like
22 that, but still our receiving waters were impaired and by
23 constituents and by various chemicals and other waste
24 products.

25 And I'm talking more like 15, 16, 17 years ago at

1 the time, I think a group in L.A. of very visionary leaders
2 including Deb Smith, Alexis Strauss, Fran Diamond you were
3 there at the time, David Beckman, David Nahai, Mark Gold,
4 they thought what are we going to do to solve this gap? We
5 were -- we were committed to -- this group was committed to
6 solving, it if you will, and what they came up with was
7 TMDLs -- were the tools.

8 The only problem with TMDLs is that they're very
9 complicated technically and they involve hyenurology
10 (phonetic), hydrology, chemistry, microbiology, land use,
11 policy etcetera, etcetera. And they all require a very
12 vigorous mathematical, scientific model for each and every
13 watershed. And I would say at the time that there was very
14 -- the capability -- those people that could do that were
15 very rare anywhere let alone the Regional Board. And C.P.
16 stepped into that role basically. He came to the Board as a
17 well-known, world-known water quality modeler and he was
18 more than happy to step into the role.

19 So I mean, I really think in a big level that
20 really has enabled the vision that this Board was leading 15
21 years ago or so. And he continues to serve that role today,
22 so I will quickly say that he's now working on our MS4
23 Program. I think there's a lot of doubts as to whether we
24 could actually do the reasonable assurance analysis and he
25 has shown that it can be done. And we will hear more about

1 that today.

2 So with that, I think -- I don't know who has the
3 plaque and all that. You do, Charlie? So this is C.P.
4 Lai's.

5 (Appause/colloquy as Mr. Lai accepts award)

6 EXECUTIVE OFFICER UNGER: So I think that
7 concludes our -- thank you very much, Chair.

8 CHAIR STRINGER: So thank you.

9 (Colloquy between Board and Staff)

10 CHAIR STRINGER: So, you know, I think we don't
11 say it enough, we try to, but we don't say it enough just
12 how incredibly appreciative we all are of the -- of the
13 tireless work that staff does. And as Board members we
14 don't often get the ability to really see what's going on
15 day to day and it's a really amazing opportunity for us to
16 be able to thank people directly for their service and their
17 work. It's exhaustive, it's far more complicated than any
18 of us appreciate and it's often thankless. So it's nice to
19 have an opportunity to actually thank you. It's very
20 humbling for all of us. Thank you.

21 Does anyone else want to say anything?

22 BOARD MEMBER DIAMOND: I would just add one more
23 thing. A lot of recognition has been given to the Board
24 over the years, both statewide and nationally, and it's
25 really the staff that made it possible. I mean, Board

1 members are the ones that are lucky enough to be receiving
2 the acknowledgments, but it's well -- we're well aware of
3 the fact that none of it could be possible without an
4 outstanding, excellent staff. And the fact that so many of
5 our staff, so many of you have been here for years, because
6 the work is important, engaging and you love what you do.
7 And it's very clear to us that that's so, so thank you so
8 much.

9 CHAIR STRINGER: Thanks.

10 So now we're moving on to uncontested items.

11 EXECUTIVE OFFICER UNGER: Right.

12 CHAIR STRINGER: I just -- I guess I want to make
13 sure that the kids -- are the students here?

14 EXECUTIVE OFFICER UNGER: I understand the
15 students are not here yet.

16 CHAIR STRINGER: Oh, they're not here.

17 EXECUTIVE OFFICER UNGER: So I -- my suggestion
18 is, is we move forward.

19 CHAIR STRINGER: Okay.

20 EXECUTIVE OFFICER UNGER: I think the speakers for
21 the Discovery Center are here, is my understanding.

22 CHAIR STRINGER: All right. Why don't we do
23 uncontested and then we can check back in on what to do
24 next, all right?

25 EXECUTIVE OFFICER UNGER: Okay. So Chair

1 Stringer, four, the uncontested items. You have items five,
2 six, seven and eight. And, as I mentioned earlier, we also
3 proposed moving the two dredging permits, items 13 and 14,
4 into the uncontested calendar if the Board so chooses.

5 As I said for item 13, the Middle Harbor
6 Development Project, that is -- that received I believe no
7 comment letters at all. And for the Port of Los Angeles I
8 received one comment letter in support from Heal the Bay.

9 CHAIR STRINGER: Does anyone have any questions or
10 concerns about moving the dredging permits into the
11 uncontested item notice?

12 BOARD MEMBER YEE: Don't you need a motion to move
13 those over?

14 CHAIR STRINGER: Yes, please.

15 BOARD MEMBER YEE: So I move that we move 13 and
16 14 into the uncontested items.

17 VICE CHAIR MUNOZ: Second.

18 CHAIR STRINGER: Okay. And then coupled with a
19 motion to approval all the uncontested items I --

20 BOARD MEMBER YEE: I was going to do that as a
21 separate motion. That's --

22 CHAIR STRINGER: Oh, okay. Do we need two
23 motions?

24 VICE CHAIR MUNOZ: We need a motion to adopt all
25 of them.

1 CHAIR STRINGER: Okay.

2 BOARD MEMBER YEE: So moved.

3 CHAIR STRINGER: Okay. Second?

4 VICE CHAIR MUNOZ: Second.

5 CHAIR STRINGER: All in favor?

6 ALL BOARD MEMBERS: Aye.

7 CHAIR STRINGER: The motion carries.

8 So we are now at --

9 EXECUTIVE OFFICER UNGER: Public forum.

10 CHAIR STRINGER: -- public forum.

11 BOARD MEMBER YEE: Ronji?

12 CHAIR STRINGER: I don't believe I have any

13 speaker cards for public forum. I think the only speaker

14 cards I have are for specific items; is that correct?

15 MS. MOFFETT: That's correct.

16 CHAIR STRINGER: Okay. So we will move past

17 public forum to --

18 EXECUTIVE OFFICER UNGER: Item 16.

19 CHAIR STRINGER: -- the -- our schedule for next

20 year.

21 EXECUTIVE OFFICER UNGER: Oh, yes. Excuse me.

22 CHAIR STRINGER: So let's get that done while

23 people are getting organized. Has everyone had a chance to

24 look at the schedule for next year?

25 ALL BOARD MEMBER: Yes.

1 CHAIR STRINGER: And folks are okay with it?

2 ALL BOARD MEMBERS: Yes.

3 CHAIR STRINGER: Okay. A motion to approve the
4 schedule?

5 VICE CHAIR MUNOZ: So moved.

6 BOARD MEMBER YEE: Second.

7 CHAIR STRINGER: The motion is moved and seconded
8 and all those in favor?

9 ALL BOARD MEMBERS: Aye.

10 CHAIR STRINGER: The motion carries, so the
11 schedule for next year is approved.

12 There seems to be some activity, is our -- are our
13 groups here?

14 EXECUTIVE OFFICER UNGER: Yeah, I think -- yes, I
15 think what we would propose, if we're ready to move on to
16 item 16 the Discovery Center -- what would we graciously ask
17 -- or we'd ask that the people here who are for item 15 the
18 Basin Plan Amendment, who are in the room, if they could
19 please step out of the room so the stakeholders for item 16
20 can take some of the seats. We're limited on seating today
21 and basically, I think there's a limit on chairs.

22 CHAIR STRINGER: Does item 16 require the whole
23 room, you think or --

24 EXECUTIVE OFFICER UNGER: We think it -- yeah, we
25 think it may. Yes.

1 CHAIR STRINGER: Okay. All right, thank you
2 everybody. I just want to make sure that the kids who came
3 have the ability to participate.

4 EXECUTIVE OFFICER UNGER: And we will be sure to
5 inform you when we start the new items.

6 CHAIR STRINGER: We expect this item to take about
7 an hour.

8 EXECUTIVE OFFICER UNGER: I think so.

9 CHAIR STRINGER: Plus or minus?

10 EXECUTIVE OFFICER UNGER: Plus or minus 15
11 minutes.

12 CHAIR STRINGER: Yeah. So we're moving on to item
13 16, update on the San Gabriel River Discovery Center
14 Project. We're going to start with the staff report by Russ
15 Colby.

16 Good morning, so let's give it just a --

17 EXECUTIVE OFFICER UNGER: Just give us a minute,
18 so.

19 CHAIR STRINGER: Yeah, give us a couple of minutes
20 for things to settle down.

21 (Off the record at 9:32 a.m.)

22 (On the record at 9:33 a.m.)

23 CHAIR STRINGER: So do we have people here?

24 EXECUTIVE OFFICER UNGER: Yes, and there may be
25 more people joining us as the day goes on.

1 CHAIR STRINGER: Okay. Great, so we're going to
2 start with the Staff Report and a report from Mr. Stanley
3 from the Discovery Center. Then we've got -- and we've got
4 about ten speaker cards on this.

5 VICE CHAIR MUNOZ: Eleven.

6 CHAIR STRINGER: Eleven speaker cards, so what I'm
7 going to do is ask for the speakers to keep their comments
8 to two minutes on the speaker cards.

9 VICE CHAIR MUNOZ: And there are the kids.

10 CHAIR STRINGER: Oh, we have a lot more. I may be
11 shortening that time.

12 (Colloquy between Board and staff)

13 EXECUTIVE OFFICER UNGER: Are we ready?

14 CHAIR STRINGER: Mr. Colby, yeah why don't you go
15 ahead and get started?

16 People moving in the room if you could just find
17 your seats we're going to get started, because we've got a
18 really tight agenda today. Thank you very much for being
19 here. We really -- really appreciate you all coming in.

20 Good morning.

21 MR. COLBY: So good morning Chair Stringer,
22 members of the Board, my name is --

23 CHAIR STRINGER: If you could turn your mike on
24 there?

25 (Colloquy regarding microphone)

1 MR. COLBY: My name is Russ Colby and I'm Chief of
2 the Enforcement Unit. This presentation is to provide you
3 with an update on the proposed revision to the San Gabriel
4 River Discovery Center Project. You may remember that we
5 discussed this item with you in July of last year.

6 The Discovery Center Authority, in conjunction
7 with the Los Angeles County sanitation districts, are
8 proposing to revise the current setup. My presentation will
9 focus on the settlement agreement that requires the SEP, the
10 original SEP and the revised SEP as proposed.

11 CHAIR STRINGER: Hang on one second. Sam, did
12 you --

13 EXECUTIVE OFFICER UNGER: I just want to
14 (inaudible) pipe down outside the room, so that Russell can
15 continue.

16 CHAIR STRINGER: Oh, okay. Great. Thank you.

17 MR. COLBY: Okay. Mr. Mark Stanley, Interim
18 Executive Director of the San Gabriel River Discovery Center
19 Authority is here today to make some additional remarks
20 following my presentation.

21 Sharon Green is also here representing the
22 districts and will be available for questions.

23 By way of background, on July 14th, 2006, the
24 Executive Officer issued a complaint for administrative
25 civil liability to the Los Angeles County Sanitation

1 Districts. The complaint recommends liability in the amount
2 of \$4.6 million and alleged 93 sanitary sewer overflows from
3 the District's facilities.

4 On November 13th, 2006, the Executive Officer, on
5 behalf the Regional Board Prosecution Team and the Santa
6 Monica Bay Keeper entered into a settlement agreement and
7 proposed stipulated ACL order with the districts. The
8 settlement assessed \$2.5 million on the districts, of which
9 2.375 million would be suspended provided the districts
10 funded three supplemental environmental projects. The
11 stipulated ACL order and settlement agreement was affirmed
12 by the regional board on December 14th, 2006. A copy of the
13 ACL order and settlement agreement was included in tab 16-2
14 of the binder.

15 The settlement agreement included three steps.
16 Two steps, Kids Lead L.A. and The Redondo Beach Pier Pilot
17 Project, were -- have been completed. The third step
18 required the districts to contribute \$2.2 million towards
19 the development of an educational facility known as the San
20 Gabriel River Discovery Center. Specifically, the funds
21 were to be used for the preparation of construction
22 drawings.

23 For reference, the Discovery Center Site is
24 located within the Whittier Narrows Recreation Area between
25 the Rio Honda and San Gabriel Rivers, approximately ten

1 miles east of Downtown. The Discovery Center is considered
2 part of the Emerald Necklace, a 17-mile route of bikeways,
3 trails, parks and greenways along the Rio Honda and San
4 Gabriel River.

5 On February 16th of 2007, the districts entered
6 into an escrow agreement with the Watershed Conservation
7 Authority and U.S. Bank. The \$2.2 million SEP contribution
8 was deposited into this general escrow fund. The escrow
9 agreement is included in tab 16-3 of your binder.

10 A specific condition of the escrow agreement
11 states in part, that the \$2.2 million SEP contribution can
12 only be released from the escrow account when the Discovery
13 Center Project had reached a funding financial commitment of
14 \$13.5 million, which at the time represents 50 percent of
15 the estimated total project cost. This provision can be
16 found on page 16-32.

17 The current estimate for the Discovery Center
18 Project stands at \$21 million. To date, 9.8 million has
19 been secured therefore no funds have been released from the
20 general escrow fund.

21 Since the Discovery Center has not reached \$13.5
22 million funding level to date, the SEP funds remain
23 sequestered in the account. In the event that the Discovery
24 Center SEP cannot be completed, the settlement agreement
25 outlines a process to select an alternative SEP or failing

1 that, pay the remainder of the liability into the Cleanup
2 and Abatement Account.

3 Stipulation number four of the settlement
4 agreement begins on the bottom of page 16-13, and continuing
5 on page 14 outlines the process by which an alternative SEP
6 may be chosen in the event that the Discovery SEP could not
7 be completed or performed. Specifically, the settlement
8 allows the Executive Officer to approve a revised or
9 alternate SEP after consultation with the districts.

10 In order to utilize the moneys currently
11 available, the districts, in conjunction with the Discovery
12 Center Authority are proposing a revision to the Discovery
13 Center SEP. The revised work plan was submitted on August
14 18th, 2014.

15 The revised work plan proposes that the Discovery
16 Center project be sequenced into three parts. Part One
17 includes an enhanced education and interpretive programming.

18 The next two parts, Stage One and Two, are the
19 actual construction phases of the Discovery Center. Stage
20 One includes construction of water quality components and
21 restoration of the site area. Stage Two includes
22 construction of the main Discovery building, an outdoor
23 classroom and exhibit contents. The revised work plan
24 proposes to use the \$2.2 million to fund certain elements of
25 Stage One activities. Stage One consists of multiple

1 elements as listed on pages 16-76 and 77 of your binders,
2 however the SEP funds will only support the six specific
3 projects shown here.

4 These include a constructed wetland area, and
5 naturalized bio-swales that will collect, clean and
6 infiltrate stormwater from the developed areas of the site,
7 so that no stormwater will directly discharge into Lario
8 Creek or the San Gabriel River. The wetland and bio-swale
9 will have a combined storage of approximately one-acre foot
10 and contribute more than the first three quarters inch of
11 rain, of a rain event. This treated water will be used
12 irrigation and to maintain the wetland. All landscaping
13 areas will be planted with local, native plant species.
14 Stormwater from the developed areas of the site will also be
15 captured and diverted to the wetland and bio-swale areas.

16 Mr. Stanley is available to provide more
17 information on the remainder of the Stage One activities as
18 well as Stage Two activities as needed. So this figure
19 shows the project site plan. It can be found on page 16-79
20 of your binder.

21 I just wanted to highlight a couple of features of
22 the Stage One construction that I just spoke about. Here,
23 you can see the naturalized bio-swale that will collect the
24 stormwater from the developed areas of the site. More here,
25 and it leads into the constructed wetland area right here.

1 In the upper left hand corner, you'll see this is where the
2 proposed Discovery Center building will be constructed.

3 As noted on the timeline, Stage One projects are
4 proposed to begin this fall with construction completion in
5 May of 2017. Regional Board staff has reviewed the revised
6 work plan and determined that it meets the criteria as set
7 forth in the State Board's policy on supplemental
8 environmental projects. The District and the Authority plan
9 to have a revised escrow agreement in place soon.

10 As you can see by the interested persons here
11 today, the Authority continues to conduct public outreach,
12 meeting with various groups about the San Gabriel River
13 Discovery Center. Additionally, we received two letters in
14 support of the Discovery Center from the State Senator
15 Fernandez and the Tongva Nation, both of which have been
16 provided to you.

17 You also may recall, during our March 2013
18 meeting, Mr. Salas representing the Kizh Nation also known
19 as the Gabrielino Band of Mission Indians, spoke in
20 opposition of the Discovery Center. For your information,
21 we did make them aware that this item will be presented
22 today.

23 Lastly, the Authority continues its efforts to
24 raise funds for construction of the building and the
25 exhibits. Mr. Stanley will elaborate on this shortly.

1 So in conclusion, the Executive Officer currently
2 intends to use his delegated authority to approve
3 modification of the SEP in the ACL order from the design-
4 development of the San Gabriel River Discovery Center SEP,
5 to the SEP-supported elements of Stage One construction. As
6 this item is an informational item the Board is not being
7 asked to take any action or vote on this matter. However,
8 before the Executive Officer approves the SEP modification,
9 we welcome this opportunity to hear any feedback on the
10 revised SEP proposal.

11 This concludes my presentation. I'm available for
12 questions either now or after Mr. Stanley has had an
13 opportunity to present.

14 CHAIR STRINGER: Great. Thank you very much.
15 Unless anyone objects, we'd like you to keep going and we'll
16 ask our questions at the end. Okay, fair enough?

17 MR. COLBY: Good enough.

18 CHAIR STRINGER: Okay. Thanks. Mark Stanley?
19 Good morning.

20 MR. STANLEY: Good morning and thank you. I'm
21 Mark Stanley, Executive Officer of the San Gabriel River
22 Discovery Center Authority. We're located in Azusa,
23 California.

24 When we try to pick out anything by itself we find
25 it hitched to everything else in the universe. I say this

1 John Muir quote, because this project is not one element,
2 it's multi-dimensional. There are many aspects to this
3 opportunity that is before us today, many teaching
4 opportunities, many learning opportunities and many
5 opportunities that will be available to explore the area in
6 which the Discovery Center will be located. It will be
7 vibrant life back to the river in this natural area.

8 You've just seen this map. This is a location of
9 where the Discovery Center will be located. It's located on
10 11 acres within Whittier Narrows. It is the site of the
11 current Nature Center that's -- that sits there. And the
12 land is owned by the L.A. County Parks and Recreation
13 portion that's in South El Monte, but mostly owned by the
14 Army Corps of Engineers and then leased by the Parks and
15 Recreation Department.

16 The map I show you here is a location of where
17 most of these types of facilities are located. If you can
18 see that map I know it might not be very clear to everyone
19 in the room, but it doesn't imply that most watershed
20 education or water quality, water supply facilities are
21 located along the coast. This will be one that's located
22 along the San Gabriel River, midway between the headwaters
23 and the ocean. It also displays the number of disadvantaged
24 communities that have located in the area and how it's going
25 to be able to serve them. As you can see the -- the darker

1 patches on that map illustrates the more severe
2 disadvantaged communities that are located in the basin.

3 This map depicts many of the other facilities that
4 are around, as you can also see. There's still a gap within
5 the San Gabriel Valley, within the Whittier Narrows area
6 that provides this type of opportunity for education.

7 A little bit of the history, it started with the
8 Native Americans in Whittier Narrows up through the Mission
9 period in 1939 is when the first facility was built. It was
10 built by the Audubon Society at the time. In 1970 the
11 County Parks and Recreations Department took over operations
12 of the facility. The Whittier Narrows Master Plan was
13 developed, which also includes the entire Whittier Narrows
14 recreation area. And it's going to be the future site of
15 the Discovery Center.

16 So what are we looking at? We're looking at a lot
17 of preservation opportunities within this area. It's also a
18 strong connection to nature. I (inaudible) while I had the
19 opportunity to visit the Whittier Narrows area, particularly
20 this natural area, which is the least served at Whittier
21 Narrows.

22 It's going to provide opportunity for
23 environmental education, preservation of the habitat that's
24 in the area, we're very sensitive to that. Our field period
25 is going to be based on nesting season and it provides

1 opportunities for -- not only for us to have a new facility,
2 but the opportunity to explore the area for the kids to go
3 along the trails and get down to the river. You will see
4 that we've already started some of that activity in the
5 slides that have come up.

6 Our program element is water-based. It's going to
7 be on -- based on providing information about the watershed
8 that we all live in, giving folks the opportunity to
9 understand not only their home environment, but their
10 community around them and how the watershed -- their
11 activity is affected by it.

12 We're going to have a strong focus on water
13 quality and water supply, which is extremely important right
14 now given that -- this drought period that we're currently
15 in. It's very important that people understand how water
16 impacts their lives.

17 Another very strong element is that we want to
18 make sure that we talk about the culture and history of the
19 area. As you all well know, this is one of the first
20 settlement within the Los Angeles area, particularly along
21 the San Gabriel River, which gave life to the Native
22 Americans. And we are very sensitive, as I said, to the
23 habitat in the area. It would provide education
24 opportunities for people to get a better understanding of
25 what a habitat is able to be able to sustain along the San

1 Gabriel River.

2 We mentioned that this is a three-part project.
3 This first part we've already started, this is our Eco
4 Voices Program. We're currently at the Nature Center
5 providing education to particularly the school districts
6 that are located within our fenced-in area, what's going to
7 be the Discovery Center. Those kids come out every
8 Thursday, they're approximately there from 9:00 to 2:00
9 during the day and we give them STEM-based education around
10 water.

11 It has been a very successful program. We're up over 5,000
12 kids that we've served and keep in mind we're only providing
13 the service one day a week. The other services at the
14 Nature Center are provided by the County Parks and
15 Recreations Department, so we hope to continue their
16 activity as well.

17 This is a view of what the current Nature Center
18 looks like. That facility that you see is about 1,100
19 square feet, but there are a number of other buildings that
20 are located on the property as well. They house animals.
21 There's a police substation onsite. There's a maintenance
22 building. And if you cobble all those together it's about
23 under 2,000 square feet of indoor space that's located
24 within the natural area there.

25 That smaller picture to the right is an example of

1 what the exhibit hall looks like. It's a very small exhibit
2 hall and it has not been updated since the building was
3 first built.

4 You've just seen this illustration of the
5 Discovery Center Project. It includes a number of different
6 elements starting with the first, which is the building its
7 self, it's going to be 14,000 square feet. We're going to
8 take all those buildings that disburse across the property
9 and consolidate them into one facility. So it will have
10 maintenance aspects. It will have administrative. It will
11 have an exhibit hall as well as wet (phonetic) classroom
12 that will be in there and some space to give some lectures
13 as well.

14 Number two on the list here is the bio-swale, the
15 constructive bio -- I mean, not the bio-swale, it's the
16 wetlands area. The constructed wetlands that will be on the
17 property that's going to replace what is now a parking lot
18 area, which is going to be moved to another area of the
19 property, which I'll get to here in a second.

20 Here's an illustration of where the bio-swale will
21 run along the parking lot. It will also run from the main
22 building itself into the wetlands.

23 Number four is the Walnut Woodlands area. We're
24 going to be enhancing the Woodlands area, it's just to the
25 Northeast of the main building facility.

1 Number five represents a number of different
2 habitat buffer zones around the construction area.

3 Number six is part of this first sequence of the
4 project. It is a covered classroom that will include
5 restroom facilities and it will overlook the Wetlands.

6 Number seven will be a second outdoor open-space
7 classroom.

8 And number eight on your -- on your list is some
9 of the locations where the interpretive signage will be
10 located throughout the facility.

11 Number nine is the new parking lot that will be
12 constructed to accommodate the increased number of visitors
13 that will be coming to the Discovery Center.

14 And number ten is a network of trails and pathways
15 that will be constructed. There are also trails and
16 pathways that are currently there, we're going to enhance
17 many of those and create some new ones as we reshape some of
18 the land.

19 The facility will be open to the public. It will
20 be free of charge. We're not looking at charging anyone to
21 visit this new Discovery Center. We'll have a number of
22 interpretive elements in the exhibit hall. I mentioned the
23 (inaudible) roads and constructed wetlands and we're looking
24 forward to being a platinum facility.

25 The initial phase of the project, what we are --

1 when I talked to my architects and my environmental folks we
2 called this initial phase of the sequencing of the project
3 Stage One. Stage One is many of the elements that we're
4 going to spend SEP dollars on. It does not include building
5 up the facility. That will be part of the second part of
6 the sequencing. The elements included in Stage One, what's
7 outlined in the triangle, is those elements that the SEP
8 fund will go towards: the constructions of the wetlands, the
9 bio-swale, erosion control, the stormwater management
10 components of the project as well as native landscaping and
11 irrigation.

12 The other elements of Stage One and the funding
13 that is being provided for the project will be for the
14 Walnut Woodlands enhancement, the habitat buffer, the
15 initial covered outdoor-classroom, the relocated parking the
16 site furnishing and restoration of outdoor development
17 features.

18 Here's a view of what the wetlands is conceptually
19 to look like. As I mentioned, it does replace the existing
20 parking lot and what you can also see in that picture is the
21 outdoor classroom that we're looking to construct. The
22 building in the background is part of the second sequencing
23 of the project.

24 The final sequence of the project will be Stage
25 Two. It will include the indoor facility and it will

1 include the second classroom as well. Here's a view of the
2 interior lobby. (Inaudible) at 1,100 square feet has
3 nothing that we can compare to what we can do with a larger
4 foot-print of a facility. The lobby that you see there is
5 an open-air room and off to the left of that, down that
6 hall, will be where the exhibit hall and displays will be
7 located.

8 We have a number of different partners in this
9 project. As we've already started with the number of the
10 education elements for the project, but some of the things
11 that I would highlight is the interpretive program master
12 agreement that we're going to develop with the Native
13 American community. We're going to have onsite monitoring
14 during the construction process by the Native American
15 community. And we also look to reach out to them in helping
16 us with the cultural exhibits that will be located within
17 the facility itself. We do have Julia Bogany here today as
18 representing the Gabrielino/Tongva of San Gabriel Valley. We
19 also have Sandonne Goad here today as representing the
20 Gabrielino/Tongva Nation as well.

21 We wanted to give you a list of all those folks
22 who are supporting this project. As you can see, there's a
23 number of elected officials and I will not read each one of
24 them. There's a number of City -- City Councils that have
25 formally endorsed the project as well as a number of school

1 boards and community and environmental and public health
2 leaders within our community that have signed the documents
3 saying that they support the project. And the list goes on
4 with more community members, more educators, and also the
5 Boys and Girls Clubs that are taking advantage of our Eco
6 Voices Program, all are in full support of the project.

7 In terms of the funding commitments here's a
8 breakdown of the funders for the project. The Rivers and
9 Mountains Conservancy is funding over \$3 million of the
10 project. We have both the Upper San Gabriel Municipal Water
11 District and the Central Basin Municipal Water District also
12 providing funding to the project, \$100,000 coming directly
13 from the Sanitation District and the SEP funds that we're
14 talking about today in the amount of \$2.2 million. The
15 other funding source is from the 1st District in the amount
16 of \$3 million. That comes up to \$9.8 million that's going
17 to help to fund this first sequence of the project.

18 As I mentioned, the land -- a half-acre of the
19 land that it sits on is under Parks and Recreations for the
20 County of Los Angeles and the Army Corp has the balance of
21 the land that's just under 11 acres.

22 How the funding breaks down. The design in the
23 environmental portion of this project, that funding has
24 already been expended at \$4.5 million. The site and center
25 construction will be the total of \$68.2 million. \$5.2

1 million will be part of this first sequencing, so the
2 funding that we're requesting today in the amount of \$2.2
3 million will be matched against funding from the 1st
4 District as well as the ROC. The balance of funds for the
5 project is \$6.7 million for the building and then to build
6 the exhibit halls, provide the furnishing of equipment, that
7 will be another \$4.7 million.

8 SEP funding breaks down as such: for the
9 constructed wetlands, approximately 735,000, the bio-swale
10 will cost approximately 351,000, erosion control 68,000,
11 stormwater management just under 250,000, the native
12 landscape irrigation 597,000 and landscape and civil design
13 of 200,000.

14 If any of these items come in under the budget we
15 do have some supplemental items that the funding would be
16 used for. There are three items: the additional native
17 trees, water conservation features that are being built into
18 the project, and also the recycled water element to the
19 project.

20 You've just seen this timeline. We're
21 anticipating that we're actually starting the final
22 construction documents during the nesting season this fall
23 and spring, so that we can actually start construction as
24 soon as this summer. And we're anticipating that the
25 project will be complete by May of 2017.

1 If there is any questions I am available. I know
2 that we have a number of speakers that -- a number of folks
3 who want to provide comment and ideas, but are there any
4 questions?

5 CHAIR STRINGER: Does anyone have any questions?

6 BOARD MEMBER DIAMOND: I have a question.

7 CHAIR STRINGER: Great, go ahead, you're on.

8 BOARD MEMBER DIAMOND: Just quickly, I was very
9 excited to see that the San Gabriel Mountains are going to
10 be declared a national monument on Friday by President Obama
11 and I'm just wondering if this is within -- if there are any
12 opportunities there for you. Is that -- is that part of it
13 or do you know anything about that?

14 MR. STANLEY: The national monument designation,
15 the area proper is within the Angeles National Forest. This
16 doe provide a connection element to the forest however. In
17 the development of the Emerald Necklace this is actually the
18 lower portion of the Emerald Necklace. The Emerald Necklace
19 will extend all the way up to projects that are right at the
20 base of the forest. So there is a connection. The Emerald
21 Necklace includes 44 projects. This is one of those
22 projects that are looking to be developed under that concept
23 plan.

24 The Emerald Necklace, by the way, is from Whittier
25 Narrows along the San Gabriel River all the way up to the

1 San Gabriel Mountains where the designation will be. And
2 then it runs along the Rio Hondo back to the Whittier
3 Narrows to create a 17-mile loop. And facilities like this
4 will be tied into that network.

5 BOARD MEMBER DIAMOND: So hopefully there'll be
6 some opportunities there. And if there are I would highly
7 recommend that your contingent SEP element of recycled water
8 would be a really important -- maybe the number one, since
9 as you mentioned we're in the middle of this historic
10 drought. That's something that we're all looking for, ways
11 to recycle water more and more, so that'd be a great element
12 to be able to -- to have as part of your Discovery Center.

13 MR. STANLEY: Absolutely we -- we're working with
14 a number of the nonprofits like Heal The Bay in determining
15 if we can take some of the water that's actually draining
16 from the communities to the north. We mentioned the bio-
17 swale in the wetlands area. If we could divert some of that
18 before it goes into the San Gabriel River to enhance the
19 water quality.

20 BOARD MEMBER DIAMOND: Okay. Thank you.

21 MR. STANLEY: Yes?

22 BOARD MEMBER YEE: Personally, I just want to
23 applaud this project. Environmental education, and in
24 particular water education, I think they're just paramount
25 these days. As I understand it, it is going to take 22

1 million to complete the project entirely?

2 BOARD MEMBER DIAMOND: That was the original
3 estimate back in 2008 when prices were a little bit
4 inflated, but of course we have moved forward so we -- we
5 are revising some of those estimates. We're thinking that
6 it's going to take between \$20, \$22 million to complete, to
7 fully complete the project, but as you can see we're
8 providing sequencing so we can complete elements of the
9 project and continue the programming that we're providing
10 today.

11 BOARD MEMBER YEE: And you've raised \$10 million
12 or thereabouts, so I'm just curious as to how you're going
13 to raise the rest of money, the 12 million or so?

14 MR. STANLEY: We are moving forward as the
15 authority in looking for -- to some additional grant
16 opportunities. And we're also working with the San Gabriel
17 River Discovery Center Foundation. There's been a
18 foundation that's formed that's assisting us with finding
19 additional funds for the projects.

20 BOARD MEMBER YEE: Great.

21 CHAIR STRINGER: Irma, yes?

22 VICE CHAIR MUNOZ: Good morning.

23 MR. STANLEY: Good morning.

24 VICE CHAIR MUNOZ: First of all, I worked in the
25 San Gabriel Valley for a number of years and I can't imagine

1 any other part of L.A. County where this project is very
2 much needed for our youth and families. I think it's just
3 going to beautify the area and restore the area, so
4 congratulations on the work that you've done, but I do have
5 a number of questions.

6 The first thing is the commitment that you have
7 from District 1, is that -- she's -- Supervisor Molina's
8 terming out. Is that secured or transferred or how is that
9 going to work or do you have to work for the incoming
10 supervisor to resecure those funds?

11 MR. STANLEY: As we work with your body we have
12 also been working with 1st District to make sure that we
13 secure those funds before the supervisor terms out. We
14 anticipate that that's going to go before the Board of
15 Supervisors the first week of November providing us the \$3
16 million.

17 VICE CHAIR MUNOZ: Okay. Well, the monies needed
18 are pretty substantial and so -- but I just have a feeling
19 with the determination and the commitment -- because I see
20 this project not a project just of your conservancy, I see
21 this a project of every resident and community member and
22 leader that lives there. This has been a long time coming
23 and so I think that as we gain a new energy and a new
24 commitment, and a new focus -- so I think you're going to
25 move forward.

1 And so the time to raise money is now and grab on
2 to that opportunity, because I think that people have been
3 looking forward to this project for many, many years. And
4 so I would strongly encourage you to start moving in that
5 direction, so that you can fulfill your funding. Because we
6 have waited quite some time, that was the reason you came to
7 the Board the last time. So thank you for all your hard
8 work.

9 CHAIR STRINGER: Thank you. Any more questions?
10 Everyone? Are you okay?

11 VICE CHAIR MUNOZ: No more questions.

12 CHAIR STRINGER: Thank you. We've got a number of
13 speaker cards. I'd like to move in on that phase of the
14 discussion.

15 And we love having the students here. We want to
16 welcome all of you. We want to hear more about where you're
17 from and why you're here.

18 I don't see -- it's hard to tell from the speaker
19 cards whether any of the students are speaking, but I do see
20 somebody from LAUSD. Is that somebody who's speaking on
21 behalf of those students or?

22 (Colloquy between Board Members and Staff)

23 So I guess I need to -- what I would like to do --
24 maybe I should -- I'm not being clear. I would like to have
25 whoever is here and going to speak on behalf of the students

1 to speak first.

2 MR. BARRAGAN: Hello, good morning. Thank you for
3 having us here --

4 CHAIR STRINGER: Oh, I'm sorry, just pause one
5 second. Because of the number of people we have who want to
6 speak I'm going to limit each speaker to about two minutes.
7 And depending on how that goes we may have a little bit more
8 time. So let's try to keep it to two minutes, thanks.

9 MR. BARRAGAN: All right. Good morning, thank you
10 for having me here. My name is Irvin Barragan and I come
11 before you first and foremost as a father, a son, a brother
12 and a youth advocate from the San Gabriel Valley
13 Conservation Corps.

14 Having been grown and raised in this location I
15 have traveled and gone up and down this -- this current
16 location many times. And now that I have a daughter, her as
17 well, I have shown her (inaudible) place. And our youth not
18 only need, but they deserve a high-quality location and
19 facility where we can be educated and we can teach our
20 family and we can teach our children as well. We deserve a
21 21st Century Discovery Center where we can go and have those
22 hands-on learning over on the STEM -- on the topics that we
23 have to learn in high school now.

24 And this -- I'll leave with a quote that I love
25 very much. "A civilization thrives when its citizens plant

1 trees under which they will never enjoy its shade." So
2 please, plant this tree of education and you will see it
3 thrive. Thank you.

4 CHAIR STRINGER: Thank you very much. I
5 apologize, I should have known you were all with the
6 Conservation Corps.

7 Sandonne Goad? I'm also going to apologize in
8 advance for mispronouncing names. It's one of my
9 weaknesses, one of my many weaknesses.

10 MS. GOAD: (*Greeting in Gabrielino-Tongva*
11 *language*) Board members, my name is Sandonne Goad. I am the
12 Tribal Council Chairwoman of the Gabrielino-Tongva Nation.
13 On behalf of our tribe, our tribal council and myself I
14 would like to thank you for the opportunity to speak to you
15 today, so that I may convey our support of the San Gabriel
16 River Discovery Center Project.

17 The 7,500-year history and culture of the
18 Gabrielino-Tongva people is well-documented through over
19 2,800 archeological sites, 500 scholarly publications, state
20 historical records, federal archives and Catholic church
21 records at San Gabriel and San Fernando missions.

22 The current facility at the Whittier Narrows
23 Regional Park was built over 75 years ago and is
24 deteriorating. It can't safely or efficiently accommodate
25 the population growth of the last 75 years. The San Gabriel

1 River Discovery Center has been teaching young students from
2 across the L.A. Metro Area for over a year now, about water
3 conservation and scientific methods to better understand and
4 protect local water resources. These children were able to
5 explore the San Gabriel River ecosystem and watershed
6 gaining a better understanding of how everything is
7 connected. With your support the Discovery Center can move
8 forward and create a more vibrant environmental education
9 facility through critical outdoor improvements.

10 When you agreed to support the Discovery Center
11 you will not only be gaining a new generation of
12 environmental stewards, but conscientious guardians of our
13 water resources. Very important.

14 This project also creates jobs during the
15 construction phase and future jobs for youth program.

16 As a Gabrielino-Tongva Native American thinking
17 about the removal of trees and plants pierces my soul. Our
18 history and our culture teaches us to protect, to preserve,
19 to cultivate and to reuse Mother Nature in all that she
20 provides. We, the Gabrielino-Tongva people, invite you to
21 join us in harvesting and restoring the trees and plants,
22 which will draw and bring birds, insects and other wildlife
23 into this restored habitat.

24 I thank you for listening to my words of support.
25 We hope that you join the Gabrielino-Tongva Nation in

1 supporting the San Gabriel River Discovery Center.

2 CHAIR STRINGER: Belinda Faustinos.

3 MS. FAUSTINOS: Good morning, Board members. I'm
4 going to make just some very brief comments. I'm the former
5 Executive Officer of the Rivers and Mountains Conservancy
6 and the San Gabriel River Discovery Center and currently
7 serve proudly on the San Gabriel River Discovery Center
8 Foundation Board.

9 And this has been a project that has been decades
10 in the making. And I likened it to something like the
11 recycle campaign of decades ago where we have, I think, a
12 unique opportunity to be able to have a transformative
13 experience for our youth so that they can learn about the
14 issues of water quality and water supply and the importance
15 of just water resources to our entire region.

16 I think this is something if we can have the
17 ability to impact significant numbers of youth, which will
18 take a decade to transform the way we respond as a society
19 to these issues. We have to take this opportunity, because
20 it really is something that I think has the opportunity to
21 impact thousands and thousands of children, which will then
22 be reflected in the way that they address water quality and
23 water supply issues in the future.

24 We have some tremendous supporters. The Regional
25 Board obviously, you know, has been out at the forefront of

1 environmental education, but we need to spread that word
2 more broadly. And this is one of the ways I think that will
3 be very effective in that. We have a great educational
4 program already. It needs, you know, bolstering. It needs
5 the facilities that really are necessary in order to have an
6 effective program for youth and this is a way to do it and a
7 way to bring families back. And to really have the kids
8 learn about this stuff, go home and explain to their parents
9 and really get them behind the issue of watershed education.

10 So I think you for your support and look forward
11 to a great collaboration on this effort. Thank you.

12 CHAIR STRINGER: Thank you. So we really love the
13 enthusiasm up here, but we try to keep the applause and
14 other reactions that we sometimes get to a minimum. So what
15 we like to tell people is if you like what you hear just,
16 you know, do something like that. (Gestures) Stand up and
17 dance. And if you don't you can, you know, do this.
18 (Gestures) Thanks a lot.

19 David Downing with LAUSD then next up is Miguel --
20 I'm going to start doing that to keep things moving, thanks.

21 MR. DOWNING: Good morning. Good morning, Board
22 members.

23 CHAIR STRINGER: Good morning.

24 MR. DOWNING: Thanks for having me here today. My
25 name's David Downing. I'm Instructional Director for Middle

1 Schools in ESC East, which serves approximately 145,000
2 students in the East Los Angeles south area up -- up near
3 here and a pretty widespread area.

4 But as a middle school director, as students move
5 from fifth into sixth grade and beyond they start asking
6 more and more, "What's in it for me? Why should I be
7 studying this subject? You're placing me in these classes,
8 what's -- what importance does this have? How will this
9 serve me in the future? How is this going to be a benefit
10 to me?"

11 And so one of the important ways and what's so
12 great and why we're advocating for this project is that
13 hands-on experience for students is key. And there -- there
14 particularly locally. A lot of times our students have to
15 travel a substantial distance away from their community to
16 have hands-on experiences that they would have right in
17 their own neighborhood, in their own backyard. And so to be
18 able to have that experience, well it helps not only to
19 inspire them, but give them vision for what they might want
20 to do. But also inform their course choices in the years
21 that follow. And inspire them to give them a vision for
22 college and what they might want to pursue there. And then
23 also it informs their stewardship and their citizenship as
24 they grow into adulthood.

25 So we are excited about this opportunity and thank

1 you. Thank you in advance for your support and on behalf of
2 students and Superintendent Roberto Martinez of Educational
3 Service Center East it's been a pleasure to be here. And we
4 look forward to participating with our students and bringing
5 them to this exciting project.

6 CHAIR STRINGER: Thank you.

7 Good morning, next up is ELBA (phonetic)

8 VICE CHAIR MUNOZ: (Inaudible)

9 MR. LUNA: Good morning, Mr. Chair and fellow
10 Board members. My name is Miguel Luna. I'm the Executive
11 Director and Founder of Urban Semillas, an organization that
12 has been working with youth for about a decade on
13 specifically these issues around water quality, around land
14 management, around education. We've developed several
15 programs, Agua University and Agua University specifically
16 to meet the youth that this center, I believe, will engage.

17 I think that it's important to outline how
18 essential it is that we develop centers that are
19 geographically located close to communities we want to
20 reach. It's very important that we do that. One, because
21 it's to be closer to the community, but the other is that it
22 creates a level of understanding from the community that we
23 as a society feel it's important to invest in these
24 neighborhoods. So to be able to point to that, I think it's
25 important.

1 The other, is I think as -- if you see this as an
2 investment I can guarantee you that the returns from the
3 youth as youth and as they become adults will be huge,
4 sometimes unquantifiable. And I think that sometimes is the
5 hard thing to do, that we can't quantify the benefits that
6 this will bring to society.

7 As I was hearing the awards being given to, you
8 know, the -- the staff here I immediately thought of the
9 pool of jobs that -- of people eligible for these jobs,
10 qualified for these jobs. And by creating a center that
11 creates an interest I think you're ahead of the game.

12 And I'll just close by, you know, I'm here also as
13 a parent, as a parent of a three-year-old and a one-year-
14 old. And I can tell you that the last three years my level
15 of anxiety has heightened to a level I never thought I would
16 have and primarily, because of the guilt that our generation
17 and the prior generations have -- you know, of the way we've
18 depredated our environment. And so I think we need to be
19 deliberate and we need to be aggressive in the ways we move
20 forward, so that we can gauge our future. Thank you.

21 CHAIR STRINGER: Thank you. Thank you very much.

22 Ms. Yanez and up next is Samantha Marquez.

23 MS. YANEZ: Hello. Thank you for allowing us to
24 speak today. My name is Elva Yanez, I am President of
25 Colibri Strategies, a consulting firm. I'm also a

1 commissioner on the State Park and Rec Commission.

2 And I've been following this issue for quite some
3 time and for me it boils down to environmental equity.

4 There are no water-focused environmental education centers
5 inland. Most -- we've mapped them -- are on the coast and I
6 think you have a copy of that map. The Sea Lab Aquarium,
7 the Aquarium of the Pacific, City of Los Angeles and
8 Environmental Learning Center, Cabrillo Marine Aquarium,
9 etcetera.

10 Inland students, many of whom are here today,
11 deserve a facility on par with those facilities in the
12 inland area, as Mr. Downing said, close by. Free admission
13 and language-accessible programming at the Discovery Center
14 will ensure that the most underserved people of the area can
15 have these experiences for environmental education in a way
16 that really isn't happening right now.

17 By increasing awareness and knowledge, stewardship
18 and conservation action the Discovery Center programming
19 will improve public policy, individual and community
20 behavior and ultimately protect water resources and habitat
21 for future generations.

22 So I thank you and just want to acknowledge the
23 kids who struggled to get here from Wilson High School
24 today. It was a great challenge, so thank you for coming.
25 Waive your hand if you're Wilson High School.

1 CHAIR STRINGER: We can clap for that. (Applause)

2 MS. YANEZ: They had to overcome a few challenges,
3 transportation and otherwise. And unfortunately, the
4 Principal, Louise Lopez, was unable to join, because of an
5 emergency. So thank you very much.

6 CHAIR STRINGER: Thank you. Ms. Marquez and on
7 deck is Raul Macias.

8 MS. MARQUEZ: Hi, good morning. My name is
9 Samantha Marquez. I am the Field Representative for
10 Assembly Member Ian Calderon. I would like to thank the
11 Board for allowing me this time to express the Assembly
12 Member's enthusiastic support of the San Gabriel River
13 Discovery Center Project.

14 The Discovery Center is a catalyst that will
15 restore the San Gabriel River Watershed and educate
16 communities about the importance of protecting our water
17 resources. The project will provide indoor and outdoor
18 learning opportunities, interactive exhibits in classrooms
19 and engage in ways to think about the environment, local eco
20 systems and best practices to protect water and other
21 resources.

22 The Discovery Center Project also includes the Eco
23 Voices Program, which offers a comprehensive environmental
24 education and works to profoundly increase educational
25 opportunities for our community. The Eco Voices Program

1 engages our youth in a magnificent nature-made classroom of
2 the San Gabriel River Watershed. Establishing the Discovery
3 Center will allow the Eco Voices Program to expand to a
4 daily program from its present, once-a-week schedule and
5 meet the growing demand for high-quality environmental
6 education close to home.

7 Such resources have historically been in short
8 supply in the San Gabriel Valley and are needed more than
9 ever as California transitions to an experience base and
10 critical thinking center curriculum under the common core.

11 On behalf of the Assembly Member and the residents
12 of the 57th District I urge the Regional Water Quality
13 Control Board to support the revised work plan allowing the
14 Discovery Center Project to move forward. Thank you.

15 CHAIR STRINGER: Thank you.

16 Mr. Macias and then next up is Kimberly Henry.

17 MR. MACIAS: Good morning, my name is Raul Macias.
18 I'm the Founder of Anahuak Youth Soccer Association.

19 The Discovery Center is a really amazing
20 opportunity for everybody, for the people to have access, a
21 safe trail for the kids after school, the combination of the
22 open space a in education is so important in our days.

23 When I went to the juvenile jail and I saw all the
24 bunch of kids in there, in the corners -- and you see his
25 eyes. Defiance like, "I don't have another chance, that's

1 why I came here." We need not only one Discovery Center, we
2 need more. That's why (inaudible) in Los Angeles, more than
3 2,000 families who support this idea. Thank you.

4 CHAIR STRINGER: Thank you, very much. Ms. Henry
5 and then on deck is the group from the Sanitation Districts,
6 Sharon Green, Grace Hyde and Erica Doyle.

7 MS. HENRY: Good morning. My name is Kimberly
8 Henry and I am a recent graduate of Cal State Los Angeles.
9 I earned my master's degree in geological sciences and I had
10 the pleasure of working with the Eco Voices Program on my
11 graduate project in which I monitor the geo-chemistry of the
12 San Gabriel River. On various occasions I visited the study
13 center and I shared my water quality studies with the
14 students.

15 I am here to show my support for the project. I
16 believe supporting this measure will not only educate our
17 youth, but it will also fulfill the Water Board's mission to
18 preserve and to restore water resources for present and for
19 future generations. After all, these are some of our future
20 businessmen and women, engineers and scientists. And we owe
21 it to them to provide a foundation to continue living an
22 environmentally conscious way of life. Thank you.

23 CHAIR STRINGER: Thank you, very much.

24 We have to pause and for the record and welcome
25 Ms. Glickfeld, Board Member Glickfeld, to the dais.

1 BOARD MEMBER GLICKFELD: Thank you. I apologize,
2 Mr. Chairman.

3 CHAIR STRINGER: Oh, no worries. Thank you for
4 being here.

5 MS. GREEN: Hi. I'm Sharon Green with the
6 Sanitation Districts.

7 CHAIR STRINGER: Okay. Great.

8 MS. GREEN: I just wanted to indicate that we're
9 here to answer any questions you may have. We're obviously
10 here in support of this item. Thank you.

11 CHAIR STRINGER: Sure. Got it, got it, thank you
12 so much. Kirsten James, Heal the Bay. Oh, and Peter
13 Shellenbarger, thank you and then Julia Bogany.

14 MS. BOGANY: Bogany.

15 CHAIR STRINGER: Bogany, sorry. Who's up next?

16 MR. SHELLNBARGER: Good morning Board members,
17 Peter Shellenbarger with Heal the Bay.

18 Thanks for this opportunity to speak today and I
19 want to express Heal the Bay's support of the San Gabriel
20 River Discovery Center Project. Improving the health of
21 local water bodies requires not only strong regulatory
22 controls, but also public awareness of pollution causes,
23 sources and impacts.

24 Heal the Bay has long been involved n
25 environmental education in Los Angeles County, pollution

1 prevention and watershed education are important to improve
2 local water quality. The San Gabriel River Discovery Center
3 will provide environmental education opportunities that meet
4 STEM requirements for educational standards and these types
5 of programs are essential to inspire the next generation of
6 environmental stewards and simultaneously help improve local
7 watershed (inaudible).

8 Environmental education is more important than
9 ever given the current drought California is facing. Having
10 an environmental education facility in the San Gabriel
11 Valley of Metro Los Angeles area can help reach Angelinos in
12 underserved areas inland communities, something that is
13 needed given the majority of existing educational venues
14 that focus on water resources is on the coastline.

15 Heal the Bay believes well-impacted development
16 strategies should be integrated into all project components
17 to the fullest extent possible. The facility should not
18 only capture onsite runoff, but should also incorporate
19 offsite runoff. Given the current development of watershed
20 management programs throughout the county we also recommend
21 that surrounding jurisdictions contact the San Gabriel River
22 Discovery Center Authority for regional stormwater project
23 collaboration. Heal the Bay supports the revised work plan
24 and believes the Regional Board should allow the San Gabriel
25 River Discovery Center Project to move forward. Thank you.

1 CHAIR STRINGER: Thank you, very much.

2 Ms. Bogany and on deck, Ms. Klarissa Palacios.

3 MS. BOGANY: Good morning. I'm Julia Bogany,
4 Gabrielino-Tongva of San Gabriel Mission and I'm the
5 Cultural Affairs Officer, 20 years. And so I'm here to
6 support the Discovery Center and I say that everything I do
7 as I teach culture and history of my tribe is to -- is in
8 honor of my grandmother. And to honor my grandma I want the
9 history that's made every day, not in the past, we're here
10 today. And we want to continue that history with the
11 Discovery Center.

12 CHAIR STRINGER: Great, thank you very much. Ms.
13 Palacios?

14 MS. PALACIOS: Good morning. My name is Klarissa
15 Palacios. I'm the Director of Constituents for Relations
16 for LAUSD Board District 2. And I am here today on behalf
17 of our board member, Monica Garcia, to express her support
18 of the San Gabriel River Discovery Center and environmental
19 education that it will bring to our students.

20 Also joining me is Mr. Garcia from the Discovery
21 Center Authority -- no relation. (Inaudible). Mr. Garcia
22 is aware of the great success of the Eco Voices Program,
23 which LAUSD schools have participated in along with students
24 in several districts throughout the San Gabriel Valley, most
25 recently East Los Angeles. They have all benefited from

1 this demonstration program that explores the San Gabriel
2 River ecosystem and watershed. It has been useful in
3 teaching them the scientific method and helped them better
4 understand and protect the natural environment.

5 Ms. Garcia's pleased to have the San Gabriel River
6 Discovery Center involved with communities in our district.
7 It will provide a healthy environment and natural area
8 (inaudible) where students can gain the knowledge and desire
9 to improve the San Gabriel River region.

10 Today, there are -- thanks to Mr. Garcia, there
11 are 75 Wilson High School students here today. Can you
12 please stand, Wilson? Thank you and thank you for coming.

13 We stand with the students from Wilson along with
14 everyone else in LAUSD. The Discovery Center's mission to
15 inspire environmental stewardship -- and we join with the
16 numerous state and local agencies in cooperation with public
17 institutions, private groups and local communities in
18 support of Discovery Center.

19 And we urge the Regional Board to support the
20 revised work plan allowing the Discovery Center Project to
21 move forward. Thank you.

22 CHAIR STRINGER: Thank you, very much.

23 MR. GARCIA: Can I say a few words?

24 CHAIR STRINGER: Yeah, of course. Of course.

25 MR. GARCIA: Again, Hugo Garcia with the Discovery

1 Center Authority and I just wanted to point out that not all
2 the students from Wilson High School are here, because
3 there's not enough room in this -- or seats in this room.
4 We got about 50 more students that are from the
5 Environmental Science Academy from Wilson High School who
6 are downstairs and we should (inaudible) and listening and
7 participating as --

8 CHAIR STRINGER: Oh, they should be standing in
9 the back.

10 MR. GARCIA: Yeah, so --

11 BOARD MEMBER GLICKFELD: Mr. Chairman, I had an
12 opportunity to see all of them on my way up, so.

13 CHAIR STRINGER: They are here.

14 MR. GARCIA: As well as the number of students
15 and participants in the San Gabriel Valley Conservation
16 Corps, so there's tremendous support for this project
17 throughout the community. Not only in the San Gabriel
18 Valley, but in LAUSD as you can see.

19 We also have a letter from Senator Ed Hernandez
20 from the 24th Senate District to Sam Unger that was
21 presented, I believe, to the Board members. I'll turn that
22 in also.

23 CHAIR STRINGER: Thank you.

24 MR. GARCIA: And I know you wanted to hear from
25 students. One of the students from Wilson High School is

1 motivated and mentioned to me that he'd like to come up and
2 say a few words?

3 CHAIR STRINGER: Sure. If we could just -- just
4 for formalities if we could get a speaker card? You don't
5 have to do it now, you can do it after.

6 MR. GARCIA: I'll fill it out.

7 CHAIR STRINGER: Great.

8 MR. GARCIA: Fernando Avcieneiga, can he come up
9 here?

10 CHAIR STRINGER: Absolutely. Come on up.

11 MR. AVCIENIEGA: Hello. My name's Fernando
12 Avcieneiga. I'm honestly not used to doing this,
13 (inaudible). But the facts are that in 2010 3.4 trillion,
14 2.4 billion -- 2 4 -- I'm sorry, this is like really
15 (inaudible) \$2.4 trillion have been collected for tax
16 dollars. And \$3.4 trillion are spent. Knowing that how is
17 it that we can't get \$2.2 million for educational purposes
18 if we spent over \$1.2 trillion that we didn't have in the
19 first place? \$664 billion were put into military purposes
20 in the time of only one year, which is insane, also in 2010.
21 And if we look into educational purposes the numbers are way
22 lower in the 500 billion -- I'm sorry, all right but yes
23 it's a huge difference in which we see where money is put
24 in.

25 Honestly, I come -- I'm from two places. My mom

1 lives in University Hills, which is in the Cal State area
2 and my dad stayed in Alhambra. And you can see a huge
3 difference where you go to a hiking trail and everyone's
4 extremely friendly, everyone says hello. And it's nice
5 knowing that you can go to a place and everyone can greet
6 you where in other places -- I've honestly -- if you go to
7 somewhere like El Sereno and there people are used to not
8 really telling each other hello and greeting each other
9 welcomingly. Where if you go to Pasadena you don't even know
10 each other and you can start a conversation without any
11 problems, which is a nice thing to have.

12 And just asking for \$2.2 million is honestly not
13 too much when you think that \$1.2 trillion can be spent for
14 military purposes. And when we look at -- and if you
15 actually know what's going on in these wars it's intense,
16 where we could actually be learning for environmental
17 purposes. And when it --

18 (Chime sounds)

19 Oh, I'm sorry, I guess it's my time, right?

20 CHAIR STRINGER: Sorry, do you have any -- did you
21 need to just wrap up if you want with regard?

22 MR. AVCIENIEGA: Oh, yeah true. I'm a huge person
23 when it comes to environmental studies, even when it comes
24 to recycling. And I know we are in a drought. When it
25 comes to recycling I know -- I don't know how -- I know

1 there is a way of recycling water, but I don't know too much
2 about it. I know there's a way of recycling water, but I
3 don't know too much about it. I know we are in a drought,
4 but when it comes to recycling plastic and aluminum and
5 glass I know that they can probably inform more people about
6 more things like that as an end to educational purposes,
7 because we are in a huge -- key problems as well and if
8 something were to happen as in something were to have
9 (inaudible) that'd be really bad.

10 And 6.2 percent of all plastic gets recycled and
11 people should know about these things and get informed about
12 it. (Inaudible)

13 CHAIR STRINGER: Well, if you keep doing what you
14 doing I'm glad I know about it.

15 MR. AVCIENIEGA: Yeah.

16 CHAIR STRINGER: It's really awesome. Thank you
17 and keep it up, keep talking. And keep getting out there.

18 MR. AVCIENIEGA: Okay. All right, (inaudible)
19 (Applause)

20 CHAIR STRINGER: Thank you, so much.

21 All right, Ken Manning and then Damon Nagami is on
22 deck.

23 MR. MANNING: Chairman, members of the Board, it's
24 nice to be here today not talking about a permit.

25 CHAIR STRINGER: You didn't like the permit?

1 MR. MANNING: No, I loved the permit. Trust me, I
2 love the permit and we're very thankful for it.

3 I'm here today as the Chairman of the Foundation
4 Board that is putting together the future funding for this
5 organization. And as one of the members of the San Gabriel
6 Valley Municipal Water District that initiated this
7 discussion back in 2002.

8 Back in 2002 following the September 11th tragedy
9 the water districts in the San Gabriel Valley were at a real
10 standstill. We wanted to provide educational experiences
11 and could not, because every facility that we had access to
12 was closed down to us. And so we started talking about we
13 need to have something close by that we can provide
14 education and we started talking to others. And we found
15 that there was a momentum that started and that momentum
16 ended up being the Discovery Center as we see it today.
17 And this particular facility, we think, has probably more
18 merit today than it did back in 2002.

19 This is a tremendous facility and I want you to
20 know the Foundation Board is committed to working with all
21 areas to locate these funds. We have some very good
22 contacts right now in terms of acquiring some of these
23 funds. And we think the momentum, as Member Munoz mentioned
24 earlier, the momentum is starting to build right now. We're
25 starting to feel it and people understand me now, why San

1 Gabriel Valley and the entire San Gabriel River discovers --
2 needs their own Discovery Center. And so we look forward to
3 working with the Executive Director and with the Board on
4 the development of the new work plan.

5 CHAIR STRINGER: Great, thank you very much.

6 Is it Damon Nagami?

7 MR. NAGAMI: Good morning. My name's Damon
8 Nagami. I'm with the National Resources Defense Council and
9 the Director of our Southern California Ecosystems Project.
10 Unlike the young gentleman you just heard from I do do this
11 all the time, but one thing that I don't see -- I don't
12 think I've seen the diversity of voices in support of this
13 project for this morning. It's rather remarkable and we are
14 thrilled to be here standing in support alongside all these
15 wonderful folks who came out this morning.

16 NRDC has long been an advocate for equal access to
17 open space and parks throughout Los Angeles County. We are
18 in support of the Regional Board supporting the revised work
19 plan to allow the Discovery Center Project to move forward.
20 We support this project both for the restoration and
21 revitalization it will bring to this watershed. And for the
22 educational and outdoor opportunities it will offer to the
23 San Gabriel Valley Center-served communities.

24 One thing I did want to mention was this project
25 will protect the lower Whittier Narrows natural groundwater

1 replenishing system, which we think is very important and
2 enhance it with stormwater capture functions. And as was
3 pointed out earlier this is all the more important now in
4 this time of extended drought. The Discovery Center will
5 also provide much-needed educational outdoor opportunities
6 for these communities. That's another thing that we've been
7 pushing for in many parts of the county for a long time.

8 So just to wrap up thank you to this Board and
9 your staff for your dedication and commitment to this
10 project over the years. It's been a long haul, but we're in
11 support to this project and thanks for all your hard work.
12 We appreciate it.

13 CHAIR STRINGER: Great, thank you so much.
14 Richard Shope.

15 MR. SHOPE: Good morning, everyone. I'm Dr.
16 Richard Shope. I'm the Program Development Officer for the
17 Youth Sciences Center and in that capacity I'm also the
18 Director of the Eco Voices educational program at the site.

19 We have in our audience our (inaudible) Youth
20 Science Center folks. And we have five of our ten Board of
21 Director members to -- so that -- to underscore how
22 important this is for our organization as well in support of
23 this project.

24 Would our Youth Sciences folks indicate
25 yourselves?

1 So we're responsible for the day-to-day
2 operations. This is Thursday, they're operating right now.
3 There are 150 kids out at the site going through hands-on
4 activities receiving a theater presentation that
5 communicates a watershed concepts and the drought education
6 and the environmental stewardship message. And then later
7 in the day these same students will perform for each other
8 after they've gone through the hands-on activities, have
9 gone to the river, and sometimes as you heard before with
10 Kimberly Henry they work right alongside the scientists and
11 the graduate students who are doing their research out
12 there. This is all a deliberate part of our program.

13 We also have a strong youth workforce development
14 program. Through the Workforce Investment Board we hosted
15 18 students this past summer to work with us as inquiry
16 coaches and to learn the science and how to work with
17 younger students conveying these messages.

18 So I am here, because we want to continue our
19 work. We think that this demonstration project has shown
20 how needed this kind of education is before the community
21 and we hope to continue doing more and better as this
22 program reaches its success. Thank you.

23 CHAIR STRINGER: Great, thank you. Thank you,
24 very much.

25 So that concludes the speaker card portion. Does

1 anyone have any comments or questions or anything they'd
2 like to -- yeah, Ms. Munoz?

3 VICE CHAIR MUNOZ: Uh-huh. Although we only heard
4 from two young people and neither of them were female, which
5 disappointed me (laughter) --

6 CHAIR STRINGER: It's not too late.

7 VICE CHAIR MUNOZ: -- yeah, so my comments are for
8 the young people. First of all, thank you so much for
9 getting up earlier to be here. There is nothing more
10 powerful a message than when our young generation is
11 engaged, speaks up and speaks out about what they want in
12 their neighborhood. Because many times you have entities
13 that come into our neighborhood and give us what we don't
14 need and surely what we don't want. So I am very proud that
15 each and every one of you are here.

16 I also want to recognize Mr. Danny Oaxaca whose
17 been the head of the San Gabriel Conservation Corps, who has
18 incredibly inspired a generation of young people in the San
19 Gabriel Valley with a conservation ethic to enjoy and care
20 for the outdoors. He's been doing it for many years and I
21 know he's here, so I wanted to recognize the hard work that
22 you've done for so many years and the generations that
23 you've been molding.

24 The other message that I want to give to the young
25 people is to say that I'm in a position where many

1 organizations come to me and they say they can't find a
2 Latino or an African American or a Asian or other candidate
3 who has the credentials to fill up these professional
4 positions whether it's a scientist, an engineer or
5 biologist. So I want -- I am very inspired today that many
6 of you are going to be our maybe future staff members at the
7 Water Boards, you're going to be future scientists, you're
8 going to be future elected officials, because you inspire us
9 today of what you're going to be doing in the future. So
10 thank you very much for your participation and go out and
11 speak up and speak out about things that are important to
12 you and your family, so you can improve the lives and
13 improve your community and your neighborhoods. So thank
14 you.

15 CHAIR STRINGER: Thank you. Yes, Larry?

16 BOARD MEMBER YEE: Yes, someday too you will also
17 be under the bright lights up here.

18 No, I just wanted to say that I truly appreciate
19 this huge outpouring of support for this project. And I
20 think it's so aptly named the Discovery Center, because this
21 is really all about rediscovering nature and it's beauty and
22 our history and our culture. But even more importantly, I
23 think it's about discovering, rediscovering community
24 stewardship.

25 And to me one way to really achieve community

1 stewardship is through ownership and so I'm sure you've
2 probably already thought of this as you seek to raise the
3 balance of the money for the project, but you might consider
4 some kind of crowdsourcing or crowdfunding where individual
5 citizens and people in the community can contribute small
6 amounts to all add up to the balance that you need, so thank
7 you.

8 CHAIR STRINGER: Fran?

9 BOARD MEMBER DIAMOND: (Inaudible)

10 CHAIR STRINGER: Sure.

11 BOARD MEMBER DIAMOND: I don't think I can be any
12 more eloquent than the two previous Board members were, but
13 I am so happy that this project is really going to become a
14 reality. And we've been talking about this for a long time
15 hoping, and all of you working so hard to raise the money,
16 but it's very exciting now that we're going to actually have
17 something happen. I think sometimes when things begin they
18 have a way of perpetuating themselves. And by beginning and
19 having this new exciting Discovery Center you may discover
20 other sources of funding that will allow you to move even
21 beyond this.

22 But I really think getting started now is a huge
23 thing and we're so -- I mentioned earlier I'm so inspired by
24 the fact that the San Gabriel Mountains are now going to be
25 a national monument, which will be announced Friday by

1 President Obama. And I think that your timing is right,
2 that things will happen in the future. So good for all of
3 you for not only being here and being part of the future,
4 but for really beginning a step that I think is going to
5 lead a long way to what you are all dreaming about.

6 So thanks for being here and I see a lot of young
7 women here and next time you come back I want to hear you
8 speak too. Thanks.

9 BOARD MEMBER GLICKFELD: Thank you, Mr. Chairman.
10 And I apologize to all of you who spoke before I got here,
11 because I would've liked to hear all of you.

12 I just wanted to add to my colleagues that it is
13 really inspiring to see and know about the work that you've
14 been doing. I was invited by Mr. Stanley and Sharon Green
15 and other people to come and get a briefing about eight
16 months ago. And I was very encouraged by the direction that
17 you were going and the amount of -- the dedication that you
18 have, so I want to congratulate you.

19 I also want to congratulate the former director of
20 the Conservancy, Belinda Faustinos, who absolutely this is
21 her brainchild in many ways. And she, you know, all --
22 she's pointing to other people, but whenever I see her she
23 says, "Discovery Center." And so I definitely know that
24 this is an important project. The San Gabriel Valley, if it
25 were a city by itself instead of being a part of the L.A.

1 Metropolitan area would be a big, big city. And, of course,
2 the city -- the San Gabriel Valley deserves its own
3 stormwater and environmental education center.

4 And I hope that -- what I hope that comes out of
5 this effort is something that will engage both parents and
6 children, because we need to be in partnership with you as
7 well as the cities in your area. We are embarking on -- and
8 you'll see later today on our agenda we are embarking on
9 probably the most ambitious effort to clean up polluted
10 stormwater, to clean our rivers, to clean the ocean that you
11 could imagine. And we need that water and so I hope that
12 this Discovery Center will help children who want to --
13 children and young people who want to aspire to join this.
14 And I hope someday to see some of you on this podium as
15 well. Thank you.

16 CHAIR STRINGER: Thanks.

17 I don't have much to add, except just to say thank
18 you. As a father of young children what inspires me to do
19 what I do is, you know, about them, about you all. And so I
20 have such hope, you know, when I see young people out who
21 care. And who are obviously well-equipped to take the baton
22 forward into the future, so thank you for being here.

23 Just a couple of business items before everyone
24 starts to shuffle around. First of all, I think Board
25 Member Glickfeld has a ex parte to report?

1 BOARD MEMBER GLICKFELD: I think I mentioned it.
2 That I met with Sharon Green and Mr. Stanley --

3 CHAIR STRINGER: Oh, okay. You're (inaudible) set
4 up --

5 BOARD MEMBER GLICKFELD: -- they got a -- I'm
6 sorry, I did meet with them. I mentioned it earlier.

7 CHAIR STRINGER: Yeah, you did.

8 And then what we're going to do now is just take a
9 brief break and allow folks to shuffle around. Before
10 everybody leaves I just want to personally apologize for the
11 cramped space. We had a tradeoff between here and Culver
12 City. Culver City had the room, but clearly is pretty far
13 away, so we just decided that we would deal with the smaller
14 space so that everyone had a little shorter commute to get
15 here and we're really appreciative of you making the trip.
16 So thank you very much.

17 And so next up is Item 15. We will take a short
18 break and come back in just a few minutes. Thanks.

19 (Off the record at 10:51 a.m.)

20 (On the record at 10:59 a.m.)

21 CHAIR STRINGER: We'll start with item 15.
22 So the first thing I want to do is just throw out a question
23 to the electeds. We have a few elected officials in the
24 room and my question to you all is whether you would like
25 to, because I know you all have very pressing calendars,

1 provide your comments to us before we have staff report or
2 after?

3 ELECTED OFFICIAL: After.

4 CHAIR STRINGER: After. Okay, that's one I've
5 heard from. How about -- does everyone feel the same way?
6 Raise your hand if you would like to talk now if you are an
7 elected.

8 ELECTED OFFICIAL: What do you prefer?

9 CHAIR STRINGER: I'm deferring to you all.

10 So thank you all for being here. I want to -- I
11 apologized to the other group on item 16. I want to
12 apologize also to you for the space issues today. We had a
13 choice between this location and Culver City and we choose
14 this location largely because of the sign-up, because we
15 knew you all wanted to be here and we wanted to make it as
16 easy as possible. So thank you all. Space is always an
17 issue for us, and location is always an issue for us. And
18 we appreciate you accommodating us.

19 So we are opening item 15, which is consideration
20 of the proposed Basin Plan Amendment to revise the total
21 maximum daily load for chloride in the Upper Santa Clara
22 River.

23 One thing, and again I said this earlier but I
24 know you guys -- most of you weren't in the room. Just to
25 make sure that things move along what we ask is that people

1 keep their reactions to people's comments and reports quiet.
2 If you want to indicate approval or disapproval you can do
3 so, you know, but do this if you like it, maybe this if you
4 don't, but please keep your verbal thoughts to yourself and
5 no applauding, please. Thank you.

6 So first up is the Staff Report. Jenny Newman is
7 going to provide that for us. Thank you.

8 MS. NEWMAN: Okay.

9 CHAIR STRINGER: Thank you, good morning.

10 EXECUTIVE OFFICER UNGER: Do we need an oath?

11 CHAIR STRINGER: Oh, I'm sorry. First we have to
12 issue an oath. Everyone who is planning on speaking today,
13 please stand up and raise your right hand.

14 (All interested parties for item 15 are sworn.)

15 CHAIR STRINGER: Thank you very much.

16 MS. NEWMAN: Good morning, Chair Stringer, and
17 Board Members. My name is Jenny Newman. I'm Chief of one
18 of the TMDL units at the Regional Board.

19 The item before you is a Basin Plan Amendment to
20 revise the Upper Santa Clara River chloride TMDL to
21 incorporate an averaging period for chloride water quality
22 objectives in Reaches 4B, 5, and 6 of the Santa Clara River
23 and incorporate new conditional site-specific objectives in
24 Reaches 5 and 6 of the river.

25 I'll go over the rationale for these proposed

1 changes, but first I'll give a quick -- it's not quick, I'm
2 sorry. First, I will give background and history on the
3 TMDL.

4 CHAIR STRINGER: Quick is okay.

5 MS. NEWMAN: No, it's -- I will try to be quick.

6 This is a slide of the Santa Clara River
7 Watershed. It's the largest river system in Southern
8 California that remains in a relatively natural state. The
9 river originates on the northern slope of the San Gabriel
10 Mountains -- let's see; oh, here -- and flows into the
11 Pacific Ocean between the cities of Ventura and Oxnard. The
12 watershed crosses both Los Angeles and Ventura County.

13 Each of these counties has distinct major land
14 uses. In L.A. County the dominant land uses are commercial
15 and residential, where in Ventura County the main land use
16 is agricultural. Both counties have a large area of open
17 space. Beneficial uses of the watershed include
18 agricultural supply, groundwater recharge, aquatic life
19 habitat, and rare and endangered species habitat.

20 The various Reaches of the river are shown on this
21 slide going from 8 at the top of the watershed down 1 at the
22 bottom. And this presentation will focus on the Upper Santa
23 Clara River, Reaches 6, 5, and 4, which are outlined in this
24 red rectangle.

25 So going from upstream to downstream, this slide

1 shows Reaches 6, 5, 4B and 4A of the river.

2 High levels of chloride in surface waters have
3 resulted in Reaches 5 and 6 being placed on the Clean Water
4 Act Section 303(d) list of impaired water bodies for
5 chloride.

6 The major sources of chloride to this section of
7 the river are the Valencia and Saugus water reclamation
8 plants, which are located in Reach 5 and 6. Valencia is in
9 Reach 5, and Saugus is in Reach 6. And they are both owned
10 and operated by the Santa Clarita Valley Sanitation
11 District.

12 The water quality objective for the Reaches is
13 100 milligrams per liter at all times. It is based on
14 background, water quality in the river, and on levels
15 necessary to protect salt-sensitive agriculture, such as,
16 avocado and strawberries. It's not presently attained. And
17 this graph shows the chloride concentrations in the effluent
18 of the Valencia and the Saugus plants over the last
19 10 years.

20 As you can see, concentrations have decreased and
21 this is largely due to a ban on water softeners implemented
22 by the District recently. However, the 100-milligram per
23 liter objective is still not attained, nor has it been
24 attained for several decades.

25 So over the next couple of slides, I'll go over

1 the history of the TMDL and the status of its
2 implementation. The Regional Board first adopted the TMDL
3 in 2002. The TMDL had wasted allocations based on the
4 existing chloride objective of 100 milligrams per liter to
5 protect the salt-sensitive agriculture all uses of avocado
6 and strawberries.

7 But in 2003, the State Board remanded the TMDL and
8 directed the Regional Board to revise it to allow special
9 studies to confirm the level of chloride that is needed to
10 protect those beneficial uses before the Sanitation District
11 had to planning and construction of advanced treatment.

12 In response to the regional -- or response to the
13 remanded, the Regional Board revised the TMDL to
14 characterize the sources, transport, and impacts of chloride
15 on downstream Reaches and underlying groundwater basins.

16 The Sanitation District also began the Santa Clara
17 River Chloride TMDL Collaborative Process. This was a
18 process that was undertaken then consultation with the
19 Regional Board and various municipal, agricultural, and
20 water supply stakeholders. The group met regularly for
21 two years. And in 2005, they completed their first study,
22 which was a literature review and evaluation of 225
23 technical articles on the salt-sensitivities of avocados,
24 strawberry, and nursery plants.

25 This study was also reviewed by an independent

1 technical advisory panel and it concluded that a range of
2 100 to 117 milligrams per liter of chloride was the maximum
3 level of chloride that would protect salt-sensitive uses.
4 Following the results of this study, the TMDL was revised in
5 2006 and the implementation schedule was shortened by
6 one year.

7 The next study completed was the Groundwater and
8 Surface Water Interaction Model or GSWI, which was used to
9 describe the linkage between surface water quality and
10 groundwater quality in the watershed. So taking into
11 account the results of the special studies, the LRE study
12 and the GSWI, the Sanitation District staff in conjunction
13 with the various stakeholders developed an implementation
14 plan for the TMDL, and they refer to it as the Alternative
15 Water Resources Management Program or AWRM.

16 AWRM was intended to achieve a salt balance in the
17 watershed through chloride-load reduction and/or export out
18 of the watershed. It contained water quality and water
19 supply benefits and it garnered broad stakeholder support.

20 So in response to these studies, the Regional
21 Board revised the TMDL in 2008 to incorporate AWRM. The
22 revised TMDL kept the May 2015 deadline that was set in
23 2006. And the TMDL allowed for the site-specific objectives
24 that were higher than 100 milligrams per liter, but these
25 objectives were conditioned on the Sanitation District's

1 full and ongoing implementation of AWRM, including the
2 chloride-load reduction and/or expert projects. If the
3 Sanitation District did not build and operate the AWRM
4 system, the water quality objectives would revert back to
5 the existing 100 milligram per liter.

6 Since the 2008 revision, the Sanitation District
7 Board directors rejected service rate increases that were
8 necessary to fund AWRM. And in the meantime the TMDL
9 implementation tasks were incorporated in the NPDES permits
10 for the Saugus and Valencia plants.

11 One of the tasks of these permits, Task 17(a), was
12 for the District to complete a facilities plan and an
13 environmental impact report to comply with final chloride
14 effluent limits. And this was due by May 5th, 2011.
15 However, since the plan wasn't funded on May 2nd, 2011 the
16 District submitted documents that did not meet the permit
17 requirements.

18 The documents near included the AWRM exponent
19 components that were a condition for the applicability of
20 the objectives nor did they include a plan to attain the
21 existing objective of 100 milligrams per liter.

22 As a consequence the Regional Board issued a
23 Notice of Violation to the Sanitation District for failure
24 to complete Task 17(a). This isn't on the slide but I
25 should say this, the Notice of Violation was issued in 2011.

1 In November 2012 there was no significant progress
2 made on -- since the Notice of Violation so the Executive
3 Officer issued an administrative civil liability complaint
4 to the District. After negotiation, the parties agreed on a
5 settlement in June 2013. The settlement included the
6 imposition of \$225,000 of liability against the District.
7 The District was also required to approve a facilities plan
8 and environmental impact report that would comply with the
9 TMDL by August 31st, 2013.

10 The District has complied with the terms of the
11 settlement agreement. On October 28th, 2013, the District
12 Board of Directors voted on the facilities and EIR and
13 directed their staff to implement the plan to attain the
14 existing chloride objective of 100 milligrams per liter.

15 And on July 7th, 2014, the District Board voted to
16 approve their rate increases that would fund the project.
17 The District Board finally voted to approve and fund the
18 compliance plan after outreach conducted by the District
19 staff, and as well as significant outreach conducted by this
20 board and the Executive Office. For example, Board Member
21 Diamond attended an August 2013 stakeholder meeting hosted
22 by the Valley Industry Association with other business
23 leaders also attending the meeting. And in addition our
24 Executive Officer attended four Sanitation District public
25 hearings on the compliance plan.

1 At these meetings, the District Board directed
2 their staff to work with Regional Board staff to find ways
3 to reduce the cost of compliance with the plan. And our
4 Executive Officer stated that we would consider proposal put
5 forward by district staff and we would need the commitment
6 of district -- of the District's Board to fund the project
7 before we made any basin planning recommendations to our
8 board.

9 So the facilities plan that the disapproved is as
10 follows: The existing chlorination system at both plants
11 would be replaced with UV disinfection. This minimizes the
12 addition of chloride during wastewater treatment.

13 At the Valencia plant, microfiltration and reverse
14 osmosis facilities will be constructed. The facilities
15 would be sized so that number reverse osmosis water is
16 generated to produce effluent that meets the chloride
17 objective of 100 milligrams per liter when it's mixed with
18 the remaining wastewater.

19 A portion of the reverse osmosis product water may
20 then also be transported to the Saugus plant upstream for
21 blending with its wastewater to meet the 100 milligram per
22 liter objective at Saugus. And, finally, the resulting
23 brine waste would be disposed via deep-well injection.

24 So upon -- in response to direction from their
25 board, the Sanitation District staff came to Regional Board

1 staff with some requests to reduce the costs of the plan and
2 to provide adequate time to implement the plan. Their first
3 request was because the project that was chosen would not be
4 completed by the current TMDL deadline of May 4th, 2015,
5 they are requesting an extension to July 2019 to allow time
6 for permitting, design, and construction, and start-up.

7 Second, they have requested that the 100 milligram
8 per liter chloride water quality objective and wasteload
9 allocation be applied as three-month average instead as
10 instantaneous maximum, which is the current averaging period
11 in the basin plan.

12 Third, they would like the wasteload allocations
13 for both plants to be expressed as a combined flow-weighted
14 average of the effluent concentrations for both plants.

15 This way they wouldn't have to build a conveyance
16 system to pipe the RO product water from the Valencia plant
17 upstream to the Saugus plant. I'll explain that a little
18 more later.

19 In order to accommodate these requests, the
20 Regional Board would need to amend the basin plan and revise
21 the TMDL to add the new averaging period, to adopt new
22 site-specific objectives for the area of the river between
23 the Saugus and Valencia plants, and to extend the TMDL
24 implementation plan.

25 Staff is proposing that the Board adopt these

1 changing and our rationale is in the following two slides.
2 First, staff recommends that the Board included a
3 three-month averaging period because the literature review
4 and evaluation study and the supplemental memo that came
5 after it found that a three-month averaging period will
6 protect the most salt-sensitive beneficial uses and,
7 therefore, all the beneficial uses in the watershed.

8 Staff also recommends that the Board allow the
9 Sanitation District to average the discharge concentration
10 between the two plants so that they won't need to pump the
11 river's osmosis-product water upstream.

12 This entails adopting a 150-milligram per liter
13 site-specific objective in Reach 6, which is where the
14 Saugus plant is located and also in Reach 5 above the
15 Valencia plant. There are no salt-sensitive uses in these
16 portions of the river. And how this would work is the
17 Valencia plant would be assigned a variable wasteload
18 allocation that's less than 100 milligrams per liter to
19 compensate for the Saugus discharges up to 150 milligrams
20 per liter. So that when the effluent streams are combined
21 immediately below the Valencia plant they would meet the
22 water quality objective of 100 milligrams per liter where
23 the salt-sensitive agriculture is occurring.

24 In response to requests from Regional Board staff,
25 the District staff re-ran the GWSWI metal to confirm that

1 this scenario wouldn't have any impacts on downstream
2 beneficial uses. These revisions would be incorporated in
3 the NPDES permit for the two plants, and the permit would
4 have requirements to ensure that the flow-weighting
5 approach, in fact, achieves the water quality objectives and
6 that they -- the facilities to achieve the objectives on
7 built on time.

8 The District will also have to participate in
9 the -- excuse me -- in the salt and nutrient management plan
10 development process or any other efforts that would go on in
11 the watershed to reduce the effects of this flow-weighting
12 project on underlying groundwater basins overtime.

13 And then finally, all other sources in Reaches 5
14 and 6 are still assigned the 100-milligram per liter
15 wasteload allocation because they're not conducting this
16 flow-weighting scenario, but they would receive the new
17 three-month averaging period.

18 This slide shows the schedule extension. The
19 Sanitation District submitted a schedule justification
20 report, staff reviewed it, and the record explains the
21 reasons for the extension and it includes examples of other
22 county sanitation projects that had similar schedules.
23 Therefore, staff is proposing to allow for the extension to
24 July 2019, and we propose setting interim milestones at
25 regular intervals. In this case they range from one month

1 to ten months a part. And these intervals would include
2 concrete enforceable deliverables that would be incorporated
3 into the plant's permit

4 Fifteen comments were received on this proposed
5 Basin Plan Amendment and they are listed here. These were
6 all submitted by the deadline, but we received one letter of
7 support from Senator Pavley but it was submitted after the
8 deadline.

9 The first comment is that the District should be
10 held accountable for their recalcitrant delays in
11 implementing the TMDL. Staff's response is that the
12 Regional Board took enforcement action against the District
13 for not completing their implementation tasks on time, and
14 now through this action, the Board would be facilitating the
15 District's implementation of its TMDL moving forward.

16 The next comment is that the proposed schedule is
17 too long. Staff response is that we reviewed the schedule
18 justification report submitted by the District, and while it
19 is long, the report provides a detailed justification, as
20 well as, other examples that are similar -- that have
21 similar schedules. So we are recommending the requested
22 extension.

23 The next comment is that the revisions appear to
24 allow for higher chloride levels than in the 2008 TMDL. In
25 response to this comment, I thought it would be useful to

1 clarify the differences in the existing objectives, the
2 objectives as were revised in 2008 and then the proposed
3 revisions for you today.

4 The proposed revisions would actually require
5 lower levels of chloride than in the 2008 TMDL because AWRM
6 is no longer in place. So you'll see first the proposed
7 revision set objectives and wasteload allocations for
8 Reaches 4B and 5 equal to 100 milligrams per liter, which is
9 less than the 117 for Reach 4B and 150 for Reach 5 that were
10 set in 2008. Second, the proposed revisions allow for a
11 three-month averaging period in Reach 6 and Reach 5 an above
12 the Valencia plant. The 2008 TMDL allowed for a 12-month
13 averaging period.

14 The next comment is that the 100 milligram per
15 liter water quality objective is higher than other chloride
16 objectives in the State and is not needed to protect
17 salt-sensitive agriculture. Staff response is that this
18 comment is outside the scope of this item. The issue of the
19 necessity of 100-milligram per liter chloride objective has
20 been thoroughly vetted through an open stakeholder process
21 and has been upheld by this Board several times.

22 The chloride objective for the Santa Clara River
23 is also within the range of chloride objectives set by other
24 regional boards in the State and it's shown in this table
25 and also in your handout. But you can see that the levels,

1 which are either based on background concentrations or
2 guidelines to protect agriculture range from as low as 0.01
3 to 250. And we fall well within that range.

4 The next comment is from some of the water
5 suppliers in the Santa Clarita Valley who would like
6 additional Basin Plan Amendments for other constituents and
7 other Reaches and groundwater basins to accommodate water
8 recycling. Staff's response is that this request is also
9 outside of the scope of the item. While the Board has a
10 history of supporting water recycling the proposal before
11 the Board today is solely to address the chloride surface
12 water quality impairments in the upper Santa Clara River as
13 required by the Clean Water Act.

14 In the 2008 TMDL, additional considerations were
15 given to groundwater and other minerals because salt export
16 and water recycling were key components of the overall AWRM
17 program. But the AWRM no longer exists, and the Sanitation
18 District must now meet water quality objectives to protect
19 beneficial uses.

20 The revisions before you today are also meant to
21 facilitate the District's implementation of the TMDL in a
22 cost-effective manner after taking enforcement action for
23 previous delays.

24 The requested amendments by the water suppliers
25 will be more appropriately addressed through the salt and

1 nutrient management plan development process that is
2 required by the State's recycled water policy. The recycled
3 water policy requires that any proposed changes to
4 groundwater objectives in support of increasing recycled
5 water use should be undertaken as part of a comprehensive
6 strategy to manage salt and nutrients on a basin-wide scale.

7 Staff will bring these plans, including one for the upper
8 Santa Clara River to the Board for their conversation over
9 the next year. So these types of Basin Plan Amendments
10 could be considered at that time, if they were justified.

11 That leads us to the alternative before the Board
12 today. They include Alternative 1, maintain the current
13 basin plan objectives and TMDL wasteload allocations.
14 Alternative 2, adopt the Basin Plan Amendments were
15 modifications arising as a logical outgrowth of the proposed
16 amendments. And, 3, adopt the conditional site-specific
17 objectives and revised TMDL conditional wasteload
18 allocations and implementation plan as recommended by staff.

19 Staff recommends Alternative 3.

20 The proposed revisions will provide the Sanitation
21 District with the time and flex ability needed to meet the
22 TMDL and their permit requirements. Without the proposed
23 revisions, the District would need to fund a costlier
24 project and would be out of compliance beginning May 2015
25 and would continue to be out of compliance until they

1 completed their facilities.

2 Staff finds that a regulatory solution that will
3 put us on track to improving water and protecting beneficial
4 uses rather than an enforcement solution is a more efficient
5 use of Regional Board resources and will ultimately result
6 in more timely implementation of the TMDL.

7 That concludes my presentation.

8 CHAIR STRINGER: Thank you. Assuming everyone
9 agrees, I think we'll just continue forward and hold
10 questions to the end.

11 BOARD MEMBER GLICKFELD: I just want to have one
12 question of Jenny.

13 CHAIR STRINGER: Sure.

14 BOARD MEMBER GLICKFELD: Jenny, just go back one
15 slide and explain to me very precisely what the difference
16 between Alternative 3 and Alternative 2 is.

17 MS. NEWMAN: So Alternative 3 is what staff is
18 recommending. Alternative 2 would be what staff is
19 recommending plus any changes you might make based on
20 comments today.

21 BOARD MEMBER GLICKFELD: Okay, sorry. Okay.
22 Thank you.

23 CHAIR STRINGER: Thanks.

24 Next up we have Santa Clarita Valley's Sanitation
25 District. That crew, if you want to come up, I got you down

1 for 12 minutes.

2 MS. HYDE: Good morning --

3 CHAIR STRINGER: Good morning.

4 MS. HYDE: -- Chair Stringer and Board Members.

5 My name is Grace Hyde. I'm the Chief Engineer and General

6 Manager of the Sanitation Districts of Los Angeles County.

7 I'm pleased to be here representing the Santa Clarita Valley

8 Sanitation District at this point as we move forward with

9 the chloride compliance project.

10 When I last appeared before you this summer, I

11 reported to you that our board of directors had unanimously

12 approved a compliance project and had unanimously approved

13 full funding for that project. So since that time, we've

14 been moving full speed ahead on design and permitting. And

15 our goal is to implement this project in the shortest time

16 possible.

17 We've appreciated the input and the collaboration

18 with the local water agencies and the business community.

19 And I think you'll hear from some of them today. And we

20 will continue to work with them on developing local

21 sustainable water supplies, including the high quality water

22 that this project will produce.

23 We've also conducted extensive public outreach

24 over the last few years, over 35 public meetings and

25 hearings. We'll continue to outreach -- reach out to the

1 public and keep them apprised of the progress we're making
2 on the project. We'll also continue to closely work with
3 your staff on the technical studies that we're funding to
4 support implementation of the project.

5 And the end result of all this effort we believe
6 is a valuable project that will protect beneficial uses,
7 including groundwater resources, habitat, and salt-sensitive
8 agricultural water use.

9 I just want to take a moment to personally thank
10 Board Member Diamond and Sam Unger for their visits to the
11 community. I think it very much helped to facilitate an
12 understanding of the history of the project and the need for
13 the project. So thank you for that.

14 And I'd also like to thank the other staff, Deb,
15 Jenny, Celine, and all of the other staff that's supporting
16 us in this effort.

17 In closing my remarks, I would just like to say
18 that we support the staff recommendation and I respectfully
19 ask for an affirmative vote from you. And now I'd like to
20 ask Phil Friess who is head of our Technical Services
21 Department to come up and make a brief presentation.

22 Thank you.

23 CHAIR STRINGER: Thank you very much.

24 MR. FRIESS: Chair Stringer, Board Members, my
25 name is Phil Friess. I'm the Technical Services Department

1 head of the Santa Clarita Valley Sanitation District.

2 Echoing some of Grace Hyde's comments, we're very
3 pleased to be here at this point in the implementation
4 process for the TMDL with project approved and approval of
5 our raid (phonetic) ordinance behind us. And I would also
6 like to echo her remarks thanking staff for working with us
7 on this Basin Plan Amendment now for a second time to
8 facilitate implementation of this TMDL.

9 I think Jenny Newman did an excellent job talking
10 about the project that our Board of directors approved on
11 October of 2013, so I won't repeat her comments.

12 Just to amplify a couple of the comments on some
13 of the project's elements. The microfiltration, reverse
14 osmosis element will be sized to treat up to 25 percent of
15 the capacity of the Valencia and Saugus treatment plants put
16 together. It will produce a purified water product. The
17 0.0001 micron pore size will remove virtually all of the
18 salt in the water that it treats, as well as, bacteria,
19 virus, and pharmaceuticals and personal care products.

20 The use of this particular unit process as a part
21 of this project will be a building block for future
22 potential groundwater recharge projects in partnership with
23 local water agencies. To our knowledge, this is the first
24 known use of reverse osmosis for surface water discharge.

25 The brine waste produced by microfiltration,

1 reverse osmosis, again will be managed by deep-well
2 injection in wells that are one-and-a-half miles deep. The
3 deep-well injection site is an undeveloped area of the TPC
4 golf course two-and-a-half miles away from the Valencia
5 treatment plant.

6 Injection takes place in unusable highly saline
7 groundwater strata. The injection pressures are below
8 fracturing pressure of the rock formations, so this is not
9 fracking. And there are sensors in these as well to detect
10 any potential leakage from these confined coordinations to
11 protect groundwater.

12 County conditional use permits and DPA permits are
13 required for these wells.

14 The use of closed vessel ultraviolet light
15 disinfection, as Jenny said, will replace Chlorine-based
16 disinfection, reducing chloride up to 7 milligrams per liter
17 replacing the Chlorine-based disinfection that adds
18 chloride. These UV disinfection processes are sized to
19 treat peak sanitary flows. I think as the Board Members
20 know, the shortwave of ultraviolet light will disrupt the
21 pathogen DNA preventing reproduction and infection by the
22 pathogens that may remain in the treated wastewater.

23 And the selection of UV provides some advantages
24 over the Chlorine-based disinfection. We get superior
25 inactivation of protozoan of pathogens cryptosporidium and

1 giardia when compared to Chlorine. And we also get reduced
2 production of disinfection byproducts including
3 trihalomethanes and nitrosodimethylamine.

4 We choose to include UV disinfection at our
5 option. We could have just added more reverse osmosis to
6 get the necessary chloride reduction to meet the chloride
7 TMDL. Including UV disinfection as a part of the project
8 made the project more complicated, more complex, but by
9 including UV disinfection, it allows us to provide the
10 highest possible water quality from this project.

11 With regard to the need for the four-year time
12 extent, obviously we did lose time had he we were unable to
13 fund the AWRM project in 2009 and 2010. Has Grace pointed
14 it out, we moving forward doing everything in our power to
15 design and implement this project as efficiently and quickly
16 as possible. We cannot complete the project by the current
17 2015 deadline. It is obviously critical that we have
18 adequate time to complete the design, permitting, and
19 construction of the various components of the project.

20 As I'm going to point out in a couple of more
21 slides, the duration that we're asking for to complete this
22 project is going to be less than the duration for similar
23 magnitude projects than we've completed in the past. We are
24 underway with design of all project components and also
25 underway with permitting of our deep-well injection

1 component of the project.

2 This slide is an attempt to show what it normally
3 takes us to complete a project delivery on similar magnitude
4 projects. Normal for us is about 34 months for design and
5 permitting; four months to advertise, bid, and award; and
6 about 37 months for construction -- for a total of a little
7 over 6 years, 6 and a quarter years from beginning of design
8 to completion of construction.

9 This is a very complex project. We're giving
10 ourselves a couple of more months actually for the design
11 process, but we're accelerating the advertise, bid, and
12 award by one month from typical, and we're not going to give
13 the contractors nearly as time as normal for the
14 construction project. So for total project delivery, we're
15 going from six and a quarter years typical to five and
16 two-thirds years for this project. So we are making an
17 effort to do this faster than our normal time frame.

18 And this is the --

19 BOARD MEMBER GLICKFELD: Mr. Friess --

20 MR. FRIESS: Yes, ma'am.

21 BOARD MEMBER GLICKFELD: -- before you leave that
22 if I could, Mr. Chairman, go back to the other -- why was
23 the design started on the October 28th, 2013?

24 MR. FRIESS: That was --

25 BOARD MEMBER GLICKFELD: What was the trigger for

1 that?

2 MR. FRIESS: That was when our Board of Directors
3 approved our facilities plan and the EIR and we had a
4 project that we could start --

5 BOARD MEMBER GLICKFELD: So there was no design
6 that had ever gone on before that point?

7 MR. FRIESS: Well, we were cheating and we were
8 trying to begin our design activities on ultraviolet,
9 because we felt that was going to be common to anything that
10 we likely were going to proceed with. And we were doing
11 kind of preliminary activities on microfiltration, reverse
12 osmosis because it was no secret that we had to have that as
13 a part of either the primary project or the back-up if we
14 went with that phased AWRM. So we were doing unofficial
15 design activities, but as far as formal design activities,
16 we did wait for project approval to start those formal
17 design activities.

18 BOARD MEMBER GLICKFELD: Thank you.

19 MR. FRIESS: This was the schedule we submitted to
20 the Regional Board and it shows three to four activities
21 going on simultaneously at our Valencia water reclamation
22 plant and then the deep-well injection project going on
23 offsite.

24 So the design challenges for the water reclamation
25 plant upgrades is that we have to have provisions for three

1 to four projects occurring simultaneously as the treatment
2 plan, so we have to have detailed sequences provisions in
3 our design documents to keep the plant operating in
4 compliance during construction. We have an FRO, a brine
5 pump station, ultraviolet all going on at the same time that
6 the treatment plant. So we have to have very detailed
7 design documents to account for all of those things
8 occurring at the same time at the treatment plant. We have
9 to take care of very tight space limitations at the
10 treatment plant.

11 And with regard to UV, we went through an
12 elaborate process to make a decision between open-channel
13 and closed-vessel UV. With regard to UV, our current
14 effluent filters, they are media filters that backwash every
15 so often producing flow surges that would have to go through
16 the UV process. And we're trying to make a decision on
17 whether or not to replace our effluent filters as a part of
18 this project as well. And so we haven't final listed that
19 decision.

20 With regard to deep-well injection -- I'm
21 30 seconds from finishing -- we need L.A. County and USEPA
22 permits. We have drill rig mobilization to worry about with
23 very few drill rigs available. We have very complex
24 easement requirements, and we have staged implementation
25 with a test well first, and a lot of uncertainty as to

1 subsurface pressures and chemistry.

2 So what I'm trying to convey is this isn't a
3 simple treatment plant expansion. It's a very complicated
4 project for us. We've only done one UV project in our
5 history, and we've never done an FRO. So this is as fast as
6 we think we can go.

7 Thank you for your forbearance with that length of
8 that presentation.

9 CHAIR STRINGER: Great. Thank you very much. It
10 was very helpful.

11 We have a lot of speaker cards, and what I'd like
12 to do, as I said earlier, I would like to start with the
13 elected first. And if people could keep their comments
14 within two minutes that should give us enough time and then
15 we'll spend some time deliberating, asking questions, making
16 comments after this portion of the presentation. So thank
17 you for your indulgence and as I always like to tell people,
18 you don't have to take all the time you have, you're not
19 required to.

20 So Laurene Weste?

21 MS. WESTE: Good morning Chair Stringer and Board
22 Members. I'm Laurene Weste. I'm the Mayor of the City of
23 Santa Clarita and a Director for the Santa Clarita Valley
24 Sanitation District.

25 On behalf of the Sanitation District, I extend my

1 deepest thanks to the Regional Board staff to their record
2 work in helping us move forward with our chloride TMDL
3 compliance efforts. I especially want to thank Board Member
4 Fran Diamond for being generous with her time and for coming
5 to Santa Clarita to meet with the stakeholders. This
6 dialogue has been very helpful and very productive.

7 We are committed to complying with the highest
8 possible water quality. The Santa Clarita Valley is
9 committed to complying with chloride TMDL and to achieving
10 the highest possible water quality for the Upper Santa Clara
11 River. This is why we elected to include ultraviolet
12 disinfection in the compliance project. UV is preferred for
13 a disinfection as chloramines can react with compounds in
14 the water and form unregulated disinfection byproducts,
15 including nitrosamines, NDMA, which the EPA considers a
16 probable carcinogen.

17 We are moving as quickly as possible to complete
18 our chloride compliance project, and if we could do it
19 anymore quickly, we would. We are working closely with the
20 United States Environmental Protection Agency, and we have
21 already started the necessary planning and engineering. Our
22 commitment is to long-term water sustainability.

23 The Santa Clarita community has invested a
24 tremendous amount of time and effort to attain regional
25 water quality goals, including legislative, enforcement,

1 scientific, engineering, and planning efforts. We recognize
2 the very serious impacts of the ongoing drought and
3 diminishing water supplies. The District wants to maximize
4 the use of recycled water in the valley to boost local water
5 supplies, and we are collaborating with business, community,
6 and water agencies.

7 May I finish?

8 CHAIR STRINGER: Yes.

9 MAYOR WEST: We have done an extensive public
10 outreach. The District continues to be deeply committed to
11 public engagement and education. Over the last few years we
12 have held over 40 public information meetings, met with
13 nearly 30 different stakeholders, and 10 public meetings to
14 gather public input. And every person who has called the
15 District has been able to speak directly with a
16 knowledgeable staff person who get their questions answered.

17 On source control. No community has done more
18 that the city of Santa Clarita to achieve chloride source
19 control. We set a national model through an unprecedented
20 salt self-regenerating water softener removal measure passed
21 by local voters.

22 Santa Clarita asked the State legislature to
23 change the State law to allow us to accomplish this. The
24 legislature passed the bill with unanimous approval. We
25 have adopted two city-wide ordinances to stop new

1 installations and to remove existing ones. And we had to go
2 to city voters for their approval, which we got in 2008 on a
3 two-to-one vote, it passed. I am proud of the result.

4 Through an extensive outreach campaign, which
5 included home visits, rebates, and notices, we have removed
6 8,100 self-regenerating water softeners and lowered the
7 chloride levels in our recycled wastewater by a 55-milligram
8 count.

9 The Basin Plan is needed. I strongly support the
10 Regional Board's staff recommendations regarding the
11 proposed Basin Plan Amendments. We will give the -- which
12 we will give the SEB (phonetic) Sanitation District the time
13 it needs to construct advanced treatment facilities, and
14 please make adjustments in the how the District averages
15 chloride discharge measurements.

16 I look forward to continuing to work with the
17 Regional Board, and I ask for your approval for the Basin
18 Plan Amendment so that we can move forward quickly about our
19 chloride compliance project and our vitally needed efforts
20 to use recycled water to help develop long-term level
21 sustainability.

22 I want to thank you very much for your time and
23 patience.

24 CHAIR STRINGER: Thank you very much.

25 So I'm going to call on the next couple of people

1 so that the people know when they're up. The next up is
2 Councilman Tim -- is it Boroston? I'm sorry, some people's
3 handwriting is very difficult to read, and then on deck is
4 Councilmember Bob Kellar.

5 COUNCILMAN BOROSTON: Thank you Chair and Members
6 of the Board. And I find my own handwriting hard to read
7 sometimes, so --

8 CHAIR STRINGER: Likewise.

9 COUNCILMAN BOYDSTEN: Taxpayers of Santa Clarita
10 Valley -- well, I'm speaking for myself. I'm Councilman Tim
11 Boydston but not speaking for the City Council of Santa
12 Clarita, which has not taken an official position on this.

13 The taxpayers of Santa Clarita have paid
14 \$5 million for an EIR for a project now slated to be built
15 for many hundreds of -- for many millions of dollars, which
16 is not based on science. The first line of the EIR said,
17 "The state of California has determined that a high level of
18 chloride salt harms salt-sensitive avocados and strawberry
19 crops along Highway 126 downstream of Santa Clarita Valley's
20 two wastewater sewage treatment plants."

21 I've asked both the Sanitation District and a
22 representative of the Regional Water Quality Control Board
23 Los Angeles to tell me where these crops are specifically?
24 I wanted to see them. I have never received an answer.
25 However, when I ask this question in the EIR process the

1 answer was this, this sentence does not say that they are
2 currently salt-sensitive crops along Highway 126 that are
3 being damaged by chloride levels in the Santa Clarita river.
4 And that, my friends, is the problem. There is no damage.
5 There never has been damage at these levels. And it is
6 disturbing to me that even the study that you use, which is
7 not a scientific study or a field study that shows the
8 levels that -- safe levels from 100 to 117, then instead of
9 using the 117 number any more you're now going to drop it
10 down to 100.

11 There are healthy crops downstream of us and in
12 the next watershed over in the Simi Valley where avocado he
13 is and strawberries thrive, and their levels are at
14 150 milligrams per liter for agricultural water that they
15 use to water them. And that is the problem, because this is
16 not based on scientific studies, and it is a tragedy and a
17 travesty to spend this kind of money when there is no crop
18 damage and that these levels have not been borne out
19 scientifically.

20 I have -- I'm not going to take any more of your
21 time with this, but I would ask that you would consider the
22 117 limit since that is what your own study showed.

23 Thank you.

24 CHAIR STRINGER: Thank you.

25 Bob Kellar and on deck is Alyssa Curian.

1 MR. KELLAR: Thank you.

2 I'm Councilmember Kellar with Santa Clarita and
3 also a Director on the Sanitation District. I've cut some
4 stuff out here, and I'm trying to move quickly.

5 I respect and ask for your approval of the
6 proposed Basin Plan amendments. The time extension of the
7 construction deadline is essential to give us the needed
8 time for design and construct the necessary advanced
9 treatment facilities. We do not want to be in violation of
10 the limit or the schedule.

11 The chloride compliance project is very expensive,
12 and it's going to cost \$100 million even with the proposed
13 averaging period with the flow-weighting changes. We would
14 deeply appreciate your support of these modest changes,
15 which will help keep this project affordable and still fully
16 protecting water quality.

17 We have worked hard over the last three years to
18 reach out to everyone in Santa Clarita, and I commend the
19 Santa Clarita Valley Sanitation District for their extensive
20 public outreach. Public outreach included not only the
21 public and the stakeholder meetings that you have already
22 heard about today, but also many communication materials to
23 help explain this complex matter, mailing to property
24 owners, regular communications with stakeholders and anyone
25 who expressed interest, and multiple ads in the Santa

1 Clarita Valley's Signal newspaper.

2 No one could work harder than the District staff
3 to address our community's concerns and questions. I'm very
4 proud of our chloride compliance project. It achieves all
5 the chloride removal needs and can also become a building
6 block for future water supply projects in the valley. We
7 are very serious about moving to much greater local water
8 sustainability. We are extremely concerned not only about
9 this drought emergency, but also the likelihood of future
10 droughts.

11 We want to do whatever we can to promote as much use
12 as possible of a high-quality recycled water the Santa
13 Clarita Valley Sanitation District produces. This recycled
14 water can be used for our parks' golf courses, landscaping,
15 and this could significantly reduce our reliance on imported
16 water, because more than 50 percent of the water we import
17 is used for landscaping and irrigation.

18 In July, the Board of Directors of the Santa
19 Clarita Valley Sanitation District adopted a resolution in
20 July directing district staff to collaborate with our local
21 water agencies and our business and civic leaders to
22 determine how we can make best use of the recycled water in
23 the Santa Clarita Valley.

24 Again, I thank the Regional Board staff for
25 working with the Sanitation District staff on the Basin Plan

1 Amendments, and I ask for the Board's approval of staff's
2 recommendations. Thank you very much.

3 CHAIR STRINGER: Thank you very much.

4 Alyssa Curian and on deck is Mr. Hernandez it
5 looks like.

6 MS. CURIAN: Hello. My name is Alyssa Curian.
7 I'm here to speak on behalf of the Assemblymember Scott Wilk
8 representing the 38th Assembly District including the Santa
9 Clarita Valley, Northwestern San Fernando Valley, and Simi
10 Valley in Ventura County. Assemblymember Wilk apologizes
11 for not being here himself, but he had to leave for another
12 commitment.

13 Thank you for the opportunity to testify on the
14 proposed amendments to the chloride TMDL for the Upper Santa
15 Clara River and the basin plan. Protecting water quality in
16 the Santa Clara River is important to all of us and I
17 strongly support these amendments. The proposed changes
18 before you today are necessary to ensure that the Santa
19 Clarita Valley can comply with the chloride TMDL for the
20 Upper Santa Clara River to achieve water quality goals.

21 I commend the Santa Clarita Valley Sanitation
22 District for the three years of extensive public engagement,
23 including numerous public and stakeholders meetings and
24 public hearings to address the people's questions and
25 concerns and to gather public input.

1 The District has worked very hard to develop a
2 compliance project that has strong support in the Santa
3 Clarita Valley. They did something that no other community
4 in the country has done: They agreed to remove 8,000
5 residential water softeners, reducing chloride levels at the
6 source. This was a lot to ask of our residents, but they
7 stepped up and went along with this precedent-setting step
8 to lower the chloride content of water going into the
9 Santa Clara River.

10 I ask for your support in approving the requested
11 changes and for an extension of the schedule to provide the
12 time necessary for the Santa Clarita Valley Sanitation
13 District to construct the new, advanced treatment facilities
14 needed to reduce chloride levels in the Santa Clara River.

15 I'm also very pleased to share with you that a
16 collaborative effort is now moving forward in the Santa
17 Clarita Valley between water agencies, the Santa Clarita
18 Valley Sanitation District, the business community, and
19 other stakeholders to make smart use of recycled water to
20 develop increase local water sustainability in the Santa
21 Clarita Valley.

22 Thank you for your time. I urge you to adopt
23 these important changes to the TMDL and basin plan.

24 CHAIR STRINGER: Thank you very much.

25 Martin Hernandez and then next up is Louise

1 Rishoff from Senator Pavley's office.

2 MR. HERNANDEZ: It's still good morning. Good
3 morning, Chair Stringer and Members of the Board, staff. My
4 name is Martin Hernandez, Chief of Staff to Ventura County
5 Third District Supervisor Kathy Long.

6 I'm here today representing her. I'm reading this
7 letter into the record:

8 "As Third District County Supervisor, I represent
9 many of the Ventura County stakeholders who rely on the
10 Santa Clara River and its associated groundwater basins for
11 municipal, industrial, and agricultural supply.

12 "I have been working for several years with
13 members of your staff, stakeholders of the Ventura County
14 Water Quality Coalition together with staff of the Santa
15 Clarita Valley Sanitation District to identify
16 cost-effective means by which the Saugus and Valencia
17 wastewater treatment plants can meet up the upper Santa
18 Clara River chloride TMDL.

19 "Despite the efforts to produce an AWRM project in
20 2008, the District has made little, if any, progress towards
21 complying with its legal obligation to halt contamination of
22 the Santa Clara River with excessive levels of chloride.
23 The District elected not to proceed with the approved TMDL
24 compliance project even after receiving voter support for
25 the necessary funding via Prop. 218 in 2010. Following the

1 Regional Board penalty of \$225,000, the District still did
2 not expedite their efforts to comply.

3 "This violation of state and federal water quality
4 standards has harmed and continues to harm those downstream
5 users who rely on the water to irrigate salt-sensitive
6 crops.

7 "In closing, I think it's important for the record
8 that the District's request for project time line extension
9 is not the result of unforeseen circumstances or technical
10 complications but rather a lack of political will to comply
11 with the earlier Regional Board adopted basin plan.

12 "I urge the Regional Board to establish firm
13 project milestones and significant penalties if those
14 milestones are achieved.

15 "My constituents have upgraded their wastewater
16 treatment plans to meet the Clean Water Act TMDLs and their
17 customers are paying some of the highest rates in the
18 country, and, frankly, have run out of patience. Please do
19 not allow the recalcitrant actions of the Santa Clara Valley
20 Sanitation District to be rewarded while the Santa Clara
21 River continues to be negatively impacted."

22 Thank you.

23 CHAIR STRINGER: Thank you very much.

24 Louise Rishoff from Senator Pavley's office.

25 MS. RISHOFF: Good morning Chair and Board

1 Members. The Senator's letter did miss the deadline. I
2 brought copies this morning.

3 CHAIR STRINGER: And we all got it. Thank you.

4 MS. RISHOFF: And you've all got it, and I'm going
5 to just read her letter in part.

6 CHAIR STRINGER: Thank you.

7 MS. RISHOFF: "I'm writing in support of the
8 proposed amendment to the basin plan. Proposed modification
9 to the TMDL is necessary to provide the time needed for the
10 Santa Clarita Valley Sanitation District to construct the
11 new treatment facilities that will allow them to comply with
12 the chloride TMDL. The schedule change is essential to
13 ensure that the valley does not incur fines while the
14 project is under construction.

15 "Proposed plan will benefit the residents and
16 businesses of the city and surrounding community and the
17 Santa Clara river watershed. In addition, they are
18 important to assist collaborative efforts underway by the
19 Santa Clarita Valley water agencies, the Sanitation
20 District, the business community, and other stakeholders.

21 "I urge you to support the proposed amendments
22 today. Senator Fran Pavley, Chair, Senate Committee on
23 Natural Resources and Water."

24 Thank you.

25 CHAIR STRINGER: Thank you very much.

1 Alan Cameron? Mr. Cameron, I understand you've
2 asked for 10 minutes. Out of fairness to everyone else here
3 and especially the people who just spoke that's -- we can't
4 give you that, but I'll give you four minutes, so you can
5 have four minutes. Please set the timer. That's twice as
6 much as everybody has. Thank you.

7 MR. CAMERON: Thank you. I appreciate that.

8 CHAIR STRINGER: Sure.

9 MR. CAMERON: If that's the case, we did prepare
10 a -- and we requested a 20-minute block, we were told we
11 probably would have 10. If that's the case, may I ask the
12 administrative record be held open until business closing
13 day of Tuesday where we'll give you written comments along
14 the lines that we would have done verbally today?

15 CHAIR STRINGER: I don't believe we can do that.

16 VICE CHAIR MUNOZ: No.

17 CHAIR STRINGER: I don't -- I'm going to ask for
18 advice of Counsel on that?

19 MR. KUENZI: Assuming the Board decides to take
20 action today then we couldn't hold the administrative record
21 open. The record has to close prior to the Board taking
22 action.

23 CHAIR STRINGER: Okay. Thank you.

24 MR. CAMERON: I really cannot tell you what I need
25 to share with you in that time, four minutes. In eight, I

1 probably can manage to do that without fracturing my tongue.

2

3 CHAIR STRINGER: Well, I'm just trying to keep it
4 fair to everybody, sir.

5 MR. CAMERON: I understand. I understand.

6 CHAIR STRINGER: And you've got twice as much time
7 as everybody else and so I appreciate that. Thank you.

8 MR. CAMERON: Before my time begins could I just
9 get clarification on whether we can indeed submit something
10 in writing? I didn't quite --

11 CHAIR STRINGER: The Board decides to take action
12 today the record will close today.

13 MR. CAMERON: I see, all right.

14 CHAIR STRINGER: Is that correct?

15 MR. KUENZI: Correct.

16 MR. CAMERON: Then I will edit on the fly.

17 All the actions before you today the Affordable
18 Clean Water Alliance supports. We regard it however, as an
19 opportunity as well, to do many things that have been in
20 abeyance for years, which are needed to really reach the
21 truth.

22 For instance you can add another program, which is
23 a documented formal removal of the additional salt
24 regenerating water softeners in the Santa Clarita Valley.
25 There's a huge number of them. There's no schedule for

1 their removal. That would make a very positive effect.

2 Number two, we support the Newhall County Water
3 District's plan for moving the habitat upstream. Our firm
4 has done that kind of modification many, many times.

5 Next, in reference to the adequacy of the notice
6 of this particular hearing there are a difference of opinion
7 among opinions as to whether adequate notice for this
8 hearing has indeed been provided. I wouldn't be able in
9 this brief time to share with you the specifics of that.
10 Supreme Court Justice Sandra Day O'Connor said, "What is
11 important is not the rules, it's important what happens to
12 people." The Supreme Court will decide the rules.
13 You being citizens have to tell us what it means in their
14 lives.

15 I was going to pass a handout to you. Let me see
16 if I can summarize some of the more significant points here.
17 In the presentations that you've heard now, a significant
18 information -- bit of information that you truly need was
19 not shared with you.

20 Arguably the most formidable and respected
21 California Environmental Quality Act attorney law firm in
22 the State of California is the Silverstein Law Firm in the
23 Pasadena, California. That law firm, on behalf of the
24 Affordable Clean Water Reliance, is 10 months into
25 litigation regarding the adequacy of the environmental

1 document approved by the Sanitation District last year.

2 You also did not hear today that the Sanitation
3 District itself has virtually assured that that litigation
4 will succeed. Why? Because the Sanitation District has
5 admitted they are going to have to do another environmental
6 document on the issue of deep-well injection. You were not
7 told that here this morning. That is a tacit admission that
8 the initial environmental documents certified last year
9 indeed did not include the full disclosure required by law.

10 The damage issue, in 50 years, there have never
11 been any lawsuits filed by the aggrieved farmers downstream
12 against anybody seeking redressive grievance, recovery of
13 damages, and so forth.

14 In addition to that, when the general plans for
15 L.A. County and Santa Clarita were in the hearing process
16 and approved, no testimony from the downstream users was
17 submitted saying, You may not approve 500,000 people in the
18 Santa Clarita Valley using your water because we intend to
19 take significant millions, millions of gallons per day of
20 that water.

21 That administrative opportunity was not utilized.

22 All the projects that flowed from the rezoning of 50- or
23 100,000 parcels, there was never any participation in the
24 administrative record saying, "Excuse me. Don't approve
25 that project, because the water upon which you are relying

1 is not available to you. We are going to, in the downstream
2 user category, take some of that." You were not told that
3 here today.

4 The opportunity before you is actually broad not
5 narrow, and it would be wonderful for you to take advantage
6 of that.

7 In terms of the amount of support, 70,000 people
8 were given a newsletter about the rate increase. It was a
9 newsletter. And on Page 3 was a small box saying, "By the
10 way, write in if you don't want the rates increased." Out
11 of 70,000 sent, less than 50 responded. And I can tell you
12 authoritatively that major stakeholders around the
13 United States that own significant holdings in Santa Clarita
14 received no notice whatsoever that this huge rate increase,
15 which affects them disproportionately, was received by them
16 allowing them to participate. And, again, only 50 -- less
17 than 50 votes in that ballot were received.

18 CHAIR STRINGER: Thank you. If you could wrap up.
19 I know you've got a lot to say, but if you could --

20 MR. CAMERON: Yeah.

21 CHAIR STRINGER: -- summarize, that'd be great.

22 MR. CAMERON: I'll conclude by saying this, here's
23 the final comment. These actions require a California
24 Environmental Quality Act determination, period. They're
25 moving forward on the basis of an exemption that is

1 eight years old. Let me give you something that I had hoped
2 to highlight, if I may?

3 CHAIR STRINGER: Can we put this in the record?
4 Is that --

5 MR. KUENZI: Let me take a look and then we can
6 consider it.

7 CHAIR STRINGER: Okay.

8 MR. CAMERON: What this is is something that's
9 before you, I'm just highlighting it.

10 CHAIR STRINGER: Oh, okay. Thank you.

11 I have to say this, by the way, our firm deals
12 with government agencies all around the country. And I've
13 told you this before, yours is notable for the quality of
14 the work and the courtesy extended by everybody associated
15 with it. And if it were otherwise, I would tell you.

16 In conclusion, if that language stays in -- you
17 might want to take a look at it. It's short, you can read
18 it in nine seconds. If that language stays in, the CEQA
19 requirement is inescapable. Even if that is deleted or
20 modified there is a very, very significant CEQA issue here
21 with which the water agency must comply if approval is to be
22 sought.

23 And, again, the Sanitation District understands
24 that. It did not disclose to you a few minutes ago that
25 another EIR will be necessary to implement all of this.

1 They also didn't disclose to you the significant time that
2 the Silverstein litigation will consume in the timeline that
3 you were informed about.

4 And with that, my tongue remains un-fractured.
5 I'm pleased to answer any questions if indeed you have them
6 and again thank you for the time you've allowed me today.
7 I'm sorry it was a discounted version of the original
8 presentation.

9 CHAIR STRINGER: Thank you very much. I
10 appreciate you accommodating our schedule, stick around, we
11 may have questions.

12 MR. KUENZI: Chair Stringer --

13 CHAIR STRINGER: Sure.

14 MR. KUENZI: -- if I could just comment on this.

15 CHAIR STRINGER: Yes.

16 MR. KUENZI: This language is straight out of the
17 draft Basin Plan Amendment and so I'm happy to share that.

18 CHAIR STRINGER: Okay. Great, please pass it
19 around then. Thank you.

20 Mark Palamountain, sorry? You true this. And
21 Steve -- and then on deck is Steve Cole. I can do that one
22 with confidence.

23 MR. PALAMOUNTAIN: Good morning. My name is Mark
24 Palamountain. And I'm the Director of Business Development
25 and Business Integration for the Limoneira Company.

1 Limoneira is a 120-year-old agricultural company
2 headquartered in Santa Paula, California. We were one of
3 the leading citrus and avocado producers in the United
4 States, as well as, around the world.

5 Today, we'd like to thank the Board for
6 recognizing the negative impacts that chlorides have on many
7 of the crops we grow, which include avocados and
8 strawberries that are very, very near and dear to our
9 hearts. With your leadership and help, moving the TMDL
10 chloride levels to 100 or below is greatly needed and
11 appreciated by all in our community that will show great
12 stewardship for years and generations to come. Excuse me.

13 We are here to express our gratitude as well as to
14 let you know that we continue the work at the communities to
15 have a sustainable, long-term water plan that works for all
16 parties, both rural and urban. We believe that there is a
17 will and there continue to be win-win scenarios as long as
18 all parties work together.

19 As an example, this past September 25th, we hosted
20 a meeting of the stakeholders in the Upper and Lower
21 Santa Clara River. From elected officials to
22 environmentalists, there was a great broad spectrum of
23 influence with the outcome being there needs to be broad
24 collaboration and communication in finding cost-effective
25 methods to solve the effluent problems we're all facing.

1 Along the lines of open communication and
2 collaboration, we would like to share with you and let you
3 know that we have a test pilot program in our facility in
4 Santa Paula whereby we're using biological material that
5 includes plants and biochar mimicking a marshland-filter
6 like for the effluent removing TMDLs and chlorides.

7 We are committed toward this project, and it looks
8 very promising. In the next six months, we believe we will
9 see the validity of this process proved out for both TMDLs
10 and, in particular, chlorides. This is an environmentally
11 friendly, low-impact project that is using Mother Nature's
12 process and giving a little engineering to help remove those
13 unwanted materials.

14 I'll wrap it up. For clarity purposes, I would
15 like to make it clear that I'm not here to contradict or
16 support anything more than open information, communities
17 working together, and to solve collective problems for our
18 most precious natural resource, which is water.

19 CHAIR STRINGER: Thank you very much.

20 MR. PALAMOUNTAIN: Thank you.

21 Mr. Cole and on deck is Rob Roy.

22 MR. COLE: Thank you Chairman, Members of the
23 Board. My name is Steve Cole. I'm the General Manager of
24 the Newhall County Water District.

25 Our district provided a letter in regards to the

1 amendment and I wanted to take the opportunity to briefly
2 describe some of those comments today.

3 As has already been said, the Santa Clarita Valley
4 has extensive plans for the development and reuse of
5 recycled water. We're currently working on a reconnaissance
6 study to identify new local water resource projects to
7 augment the region's supply. Certainly this reconnaissance
8 study will recommend significant use of recycled water,
9 including for groundwater recharge. Given how critical
10 resale water is to the region's future, it's important that
11 the basin plan reflects recycled water use as a priority.

12 With that context, Newhall County Water District
13 respectfully requests the following three items for
14 consideration, the first being an extension of the
15 three-year averaging period to include a twelve-year
16 averaging period. The second item would be to allow the
17 chloride discharge limit to increase to 117 during times of
18 drought. And then the third is that the Basin Plan
19 Amendment reflect and provide a pathway to the revision of
20 site-specific objectives to support water reuse.

21 We fully recognize to complete this pathway more
22 study needs to be done. The Valley is conducting those
23 studies to the salt and nutrient management plans that we're
24 participating in.

25 The Basin Plan Amendment provides a real

1 opportunity to define the necessary framework to facilitate
2 the use of recycled water in the Upper Reaches of the
3 Santa Clara River.

4 We look forward to working with the Regional Board
5 to ensure we not only meet regional discharge limits, but we
6 also do so in a way that ensures the development of the
7 Santa Clarita Valley's water use -- reuse program.

8 Thank you.

9 CHAIR STRINGER: Thank you very much.

10 Mr. Roy followed by --

11 MR. ROY: Good afternoon, Mr. Stringer, Chairman
12 Stringer and fellow Board members.

13 First of all, I want to thank you for the
14 opportunity here today and thank you for all of the good
15 work that you've done on behalf of our coalition over the
16 years. I don't think there is a person in this audience
17 who's been involved in this process longer than I have. I
18 started in 2005 heading up this major coalition in Ventura
19 County. I'm also Chairman and General Counsel of Ventura
20 County Agricultural Association. And that's for a 38-year
21 stint, so I'm well aware of the agricultural industry.

22 We're here today in support of Alternative Number
23 3, somewhat reluctantly, because of the pathway that we've
24 taken to get here. It hasn't been voluntary. But we're
25 very thankful of the Board's actions in analyzing the delays

1 that were made by the Sanitation Districts, and we're
2 thankful to the people of Santa Clarita for approving the
3 Prop. 218 vote to have the money to go forward with this
4 particular project.

5 I want to also thank Jenny. She's done a
6 tremendous job, her and her staff, with regard to putting
7 together the time line and historical reference.

8 My only recommendation, two of them really, one I
9 think Jenny touched upon and that was we wanted benchmarks
10 in the TMDL to make sure that we keep people's feet to the
11 fire.

12 The second issue is that we were hopeful that we
13 could see some language in there to the effect that if the
14 benchmarks are achieved, that there would be civil
15 penalties. I'm not at liberty to take your discretion away
16 from you. That will be up to you as to how you effectuate
17 that, but either place that within the revised resolution or
18 take it up as part of the NPDES permit process when it comes
19 up next year, but I think that historically speaking we need
20 these. That's why we're here today. That's why the
21 Sanitation District is so positive about moving forward with
22 this thing. And it's because of the actions that you've
23 taken in the last two years.

24 Thank you.

25 CHAIR STRINGER: Thank you very much.

1 Grace Hyde and then after --

2 VICE CHAIR MUNOZ: She already spoke.

3 CHAIR STRINGER: Oh, I'm sorry.

4 Tony Morgan followed by somebody who wrote "Cam"
5 and then the last name starts with an "N," that four people
6 can't decipher. Okay. Thank you.

7 (Colloquy between Board Members and speaker)

8 CHAIR STRINGER: Thank you, good morning.

9 MR. MORGAN: Good morning. I'm Tony Morgan. I'm
10 the Deputy General Manager for Groundwater and Water
11 Resources at United Water Conservation District. You'll
12 hear from Mike Solomon, our General Manager, a little bit
13 later. I won't try to repeat his comments, but I will focus
14 on the water quality aspects.

15 Our concerns today revolve around the proposed
16 amendments to the basin plan not being protective of the
17 groundwater resource but water quality resource in the Piru
18 groundwater basin. That would be Reaches 4A and 4B.

19 The proposed project and its amendment don't
20 acknowledge that historical discharge of waters with
21 elevated chloride into the Santa Clara River that are
22 negatively impacting the down gradient and beneficial use of
23 the groundwater resources there. Groundwater with chloride
24 concentrations as much as 150 percent of a background are
25 moving down gradient through the Piru Basin. It's now moved

1 from Reach 4A and into 4B. These concentrations are already
2 above the requested water quality objective for these
3 Reaches.

4 This groundwater that's moved from Reach 4B into
5 4A (sic) is the drinking water source for the town of Piru,
6 okay? And the town of Piru is wrestling via their water
7 resource treatment plant, which is Ventura County Waterworks
8 District 16, on how to deal with the elevated chlorides that
9 they're having to treat. This is a disadvantaged community.
10 They don't have a lot of economic resources to deal with
11 this issue. So the Notices of Violations that the
12 wastewater district have received are due, at least in part,
13 to the elevated chlorides that are in the groundwater that
14 are being served by the purveyor.

15 So United is supportive of the Sanitation's
16 District's efforts to comply with the chloride TMDL and
17 applaud them for moving forward with this. But we want to
18 make sure that the Board recognizes that this isn't
19 necessarily the whole story dealing with chlorides in the
20 Piru Basin. There are other legacy issues that will need to
21 be addressed at some time in the future.

22 Thanks for the opportunity to speak today.

23 CHAIR STRINGER: Thank you very much.

24 Ms. Cam and then on deck is Marta Brown.

25 MS. NOLTEMEYER: It's Cam Noltemeyer.

1 CHAIR STRINGER: Thank you.

2 MS. NOLTEMEYER: First, I want to bring to your
3 attention to some of the actions of the Sanitation District
4 and the Regional Board.

5 Back in January 9 of 2002 the Sanitation District
6 made an agreement to cover 6,000 units of Newhall Land and
7 Farming's development at the Valencia WRP Plant. On
8 October 24th, 2002 the Regional Board set the limit at 100
9 TMDL. It was adopted by you -- coincidence?

10 On September 14th, 2012 Water Quality Board page
11 15 regarding Newhall Ranch, construction by owner of Newhall
12 Ranch of interim chloride and demineralization facility
13 required a 1.6 acre brine disposal well, and also gave
14 Newhall Land & Farming Project water if they didn't have
15 enough to provide those units. A condition of approval by
16 the supervisors also was in there and said this needed to be
17 complete prior to the first building permit for Newhall
18 Ranch.

19 This was included in a revised water development
20 permit of the Valencia Water Reclamation Plant effective
21 December 5th, 2013. I can provide all those documents if
22 you would like. You have them all, actually.

23 Revision of the current -- what you're doing right
24 now -- current revision of the TMDL of chloride under
25 leakage (phonetic) analysis assumption to include future

1 development for Newhall Ranch. That's what you're saying
2 there. Then you jump down to other major NPDES permits.
3 "The Board may consider assigning conditions from other
4 permits Newhall Ranch." That was deleted, you deleted that
5 from that.

6 I want to know -- Sam Unger has stated that
7 Newhall Ranch will only pay connection fees. That's
8 contrary to what the Board of Supervisors had said. I would
9 like to know what actually is the status? I don't see
10 anything in this process that you're talking about that
11 interim plant that is supposed to be built by Newhall Ranch.

12 CHAIR STRINGER: Thank you for your comments.
13 Thank you very much, Ms. Noltemeyer.

14 Ms. Brown, Marta Brown, followed by Michael
15 Solomon.

16 MS. BROWN: Good afternoon, Chairman Stringer and
17 members of the Board. I am Marta Golding Brown. I am the
18 Government Affairs Director for the Building Industry
19 Association Los Angeles/Ventura counties chapter.

20 The Building Association is a non-profit trade
21 association with nearly 1,000 member companies in the
22 housing industry, construction trades, and affiliated
23 businesses throughout southern California. I speak today on
24 behalf of the members and the associates of the Building
25 Industry Association of Southern California.

1 The Building Industry Association supports the
2 efforts of the Santa Clarita Valley Sanitation District to
3 comply with the chloride TMDL and strongly supports the
4 Basin Plan Amendments, including the extension of the
5 construction schedule, which are needed to ensure that the
6 Santa Clarita Valley can meet the compliance requirements.

7 On behalf of the building industry, I thank Board
8 Member Diamond for meeting with Santa Clarita's business
9 leadership, and the Executive Director Sam Unger for
10 attending three public hearings in Santa Clarita. We
11 appreciate your responsiveness to the business community's
12 concerns

13 Our combined goal is one of managing the Santa
14 Clarita's Valley water resources in a way that helps bring
15 long-term local water sustainability. The initial dialogue
16 has been very helpful and we look forward to continuing our
17 work with the Regional Board.

18 The BIA requests the Regional Board's approval of
19 the -- and staff recommendation of the Basin Plan Amendment
20 and extension of the construction schedule. Thank you for
21 your time

22 CHAIR STRINGER: Thank you very much.

23 Michael Solomon followed by Carl Kanowsky.

24 MR. SOLOMON: Good afternoon Chair and Board
25 members. My name is Mike Solomon. I am the General

1 Manager of United Water Conservation District in Santa
2 Paula.

3 As Tony Morgan just mentioned, we do support the
4 Basin Amendment Plan, but with some caveats. We do believe
5 that regulatory action is always better than enforcement
6 action to resolve problems. Enforcement should be the last
7 case when regulatory efforts aren't succeeding.

8 In fact, basically what you're doing with this is
9 an enforcement action that's regulatory because they didn't
10 comply and now you got to stick them to a time line and get
11 things done.

12 Our big focus is let's get this done. Let's get
13 this water problem resolved and quit parking pollution in
14 Ventura County. I'm going to focus on our ultimate concern,
15 further delays. The Sanitation District wants four more
16 years to complete this project. Again, this is a project
17 that's only happening because they refused to comply with
18 the original TMDL site-specific objectives.

19 As your staff just noted that when May 2015 came
20 the TMDL was to revert to 100 milligrams per liter. Now,
21 with this that won't happen. And we've already parked a lot
22 of pollution and now we're going to do four more years of
23 pollution and it's not being reverted back. It's being
24 given another delay.

25 Because of the time limit, I'm just going to point

1 out a couple of quick things. The staff responded to our
2 comments very clearly. We're satisfied with them, other
3 than we just want to make sure that any kind of time lines,
4 triggers, and significant penalties are really clear so that
5 there's no delays. We want this moving.

6 And I'd also -- I'm not an engineer, so I don't
7 know -- in the time frame that Phil Friess showed there's
8 been a lot of discussion about water quality in Santa
9 Clarita. This isn't an issue about water quality and their
10 reuse of recycled water. It's about the water quality going
11 down. So if there's some delay because they're trying clean
12 up the water quicker, we support recycled water use. Don't
13 get us wrong. But if the delay is because we're trying to
14 get it perfect up there while we're being polluted, I have
15 some concerns about that.

16 So the focus is there. And there is damage being
17 done to our crops. It's like air pollution, the trees are
18 just falling over, the crops are just dying. It's like air
19 pollution, it causes lung problems, it causes growth
20 problems and everything. These plants are being affected.
21 Your science has shown that, and we support that science.

22 Thank you.

23 CHAIR STRINGER: Thank you very much.

24 Carl Kanowsky followed by Frank Ferry.

25 MR. PAUL: Good afternoon Chairman Stinger --

1 Stringer, excuse me, members of the Board.

2 CHAIR STRINGER: I deserve that.

3 MR. PAUL: Now I get to go on the record to say my
4 name is Chris Paul and I'm speaking on behalf of Carl
5 Kanowsky who had to leave.

6 CHAIR STRINGER: Okay.

7 MR. PAUL: Carl's representing the Valley
8 Industrial Association, a business membership organization
9 with approximately 300 members within the Santa Clarita
10 Valley.

11 I took the liberty to trim this, too --

12 CHAIR STRINGER: Great.

13 MR. PAUL: -- on the basis of time.

14 VIA, known as the Valley Industrial Association,
15 supports the Santa Clarita Sanitation District's efforts to
16 comply with the chloride TMDL and strongly supports the
17 Basin Amendment Plans.

18 This is much needed to ensure that the Santa
19 Clarita Valley can meet the compliance requirements
20 including its extension of the construction schedule. VIA,
21 as it's known, is committed to changing the way water is
22 managed in the Santa Clarita Valley and to making the best
23 use possible of high quality recycled water.

24 We're a founding member of the SCVOne Water and
25 additionally are collaborating with the SVC Sanitation

1 District, CAWL, the city, business leaders, and other
2 stakeholders to make this possible.

3 VIA strongly supports the Basin Plan Amendments
4 and the extension of the construction schedule, and requests
5 that the Regional Board approves this Basin Plan Amendment
6 and extensions.

7 Thank you very much.

8 CHAIR STRINGER: Thank you very much.

9 Frank Ferry followed by Dan Masnada.

10 MR. FERRY: Chair Stringer, Board.

11 My name is Frank Ferry. I served the past
12 16 years on the City of Santa Clarita City Council and
13 4 years on the Sanitation District. The beauty of not being
14 elected any longer is you get to look at things from a
15 different perspective.

16 On September 25th, I went to the meeting of the
17 Upper and Lower Santa Clara River planning meeting for the
18 basins. And one thing I found not wearing a hat as an
19 elected official, everyone before you is correct.

20 I made a mistake as an elected official not
21 collaborating and not looking for partnerships from other
22 electeds.

23 And what we came out of that meeting was, there
24 isn't enough discussion, there isn't enough collaboration
25 going on between upper and lower basins. So when I look now

1 after that meeting, United Water Conservation, they were
2 absolutely protecting their interests. The farming industry
3 was protecting their interests. The Regional Water Board,
4 you were acting on behalf as an advocate for those
5 downstream users.

6 The delay from Santa Clarita was never meant as
7 disrespect to you and your Board. In Santa Clarita, we've
8 had budgets in the black every single year with a 15-percent
9 reserve. We lowered our trash rates. We always look to
10 collaborate with the College of the Canyons and the
11 performing arts center, Castaic Lake water's agency and --
12 are a central part.

13 The difficult thing is you wear two hats. And so
14 I wanted to take time today to publicly thank Councilmember
15 Kellar and Councilmember West. It takes political courage
16 when you're elected as a city Councilmember in an area where
17 we have no business caps in our community. In our
18 community, we do everything we can to not raise rates.

19 So when you're looking at an initial billion
20 dollar plan that's now gone to \$140 million, thanks to Grace
21 Hyde and her staff, it was never done as a delay, as a
22 disrespect to you. It really was done -- there are just
23 mean people. You've heard some of these mean people today.
24 And those mean people, they don't see it as you're the Sam
25 person today, they see it as you're raising the largest tax

1 rate as a city Councilmember for the City of Santa Clarita.

2 And so, for us, we're always just looking for a
3 way to protect our ratepayers in that area.

4 So I wanted to take time today just for myself to
5 say to you, thank you. I do want to publicly apologize to
6 the Board for one thing: We've worked so hard as a council
7 to always work with other partners, such as, the Cross
8 Valley Connector and the Golden State Freeway and
9 Whittaker-Bermite and on this I think we did drop the ball
10 on your behalf. I think we should have opened a
11 conversation with the Ventura County supervisors, with the
12 farming community, with all the different water purveyors
13 and we may not have had such a delay.

14 So that's my interest now as a non-elected, is to
15 be able to help probably better than I could as an elected
16 official. So thank you.

17 CHAIR STRINGER: Thanks very much.

18 Dan Masnada followed by Holly Schroeder.

19 MR. MASNADA: Good afternoon Chairman Stringer,
20 Members of the Board, I'm Dan Masnada. I'm the General
21 Manager of the Castaic Lake Water Agency. The agency's the
22 regional wholesaler and state water project contractor for
23 the Santa Clarita Valley.

24 CLWA has been involved with the chloride TMDL
25 process dating back to the development of the original AWRM,

1 at least back to 2008, possibly even 2007. Now, why is CLWA
2 involved? Well, for a number of reasons. One, our
3 taxpayers and ratepayers are virtually the same ones served
4 by the Santa Clarita Valley Sanitation District.

5 Secondly, our capital improvement program moving
6 forward, the largest single component to that program is
7 roughly \$200 million of infrastructure to develop and
8 recycle water for the valley. And, obviously, we're
9 promoting implementation of recycled without in the valley.

10 Thirdly, our expertise in state water project
11 water quality was utilized in -- and we assisted the
12 Sanitation District in the modeling work that was done to
13 project future chloride loadings in the imported water
14 supply. That ended up reducing the cost, both the capital
15 and operating costs, of all four alternatives that the
16 Sanitation District Board ultimately considered before it
17 selected Alternative 2.

18 I'm here on behalf of the agency to express
19 support for Alternative 3 that staff has proposed to you
20 today. We fully support the proposed amendments of the
21 basin plan, its practical measures to accomplish the TMDL
22 and protect downstream beneficial uses. We also believe
23 that the combined flow-weighted averaging provisions in the
24 amendment is a legitimate cost-saving measure and will not
25 impact the TMDL as there are no beneficial uses along the

1 river between the two water reclamation plants.

2 The rolling three-month averaging period is a
3 sensible compromise for meeting the TMDL without unnecessary
4 expense. And the schedule extension is warranted for
5 reasons that you heard from Phil Friess earlier given the
6 complexity of the capital projects constructed to meet the
7 TMDL.

8 In closing, the project will facilitate local
9 water sustainability as the project's advanced treatment
10 processes move chloride, sulfate, and TBS and allow for
11 potential groundwater recharge projects upstream that could
12 augment our local supplies.

13 And we also understand there's more study required
14 to ensure the beneficial uses are protected from the
15 increased use of recycled water upstream. And we're
16 committed to performing the required investigation and will
17 partner with the Sanitation District and the Regional Board
18 to accomplish that goal.

19 Thank you very much.

20 CHAIR STRINGER: Thank you very much.

21 Holly Schroeder followed by Terri Crain.

22 MS. SCHROEDER: Good afternoon. I'm Holly
23 Schroeder. I'm President and CEO of the Santa Clarita
24 Valley Economic Development Corporation.

25 On behalf of business leaders in the Santa Clarita

1 Valley I want to express my support of the efforts of the
2 Sanitation District to comply with the TMDL and the
3 recommendation of staff to modify the basin plan.

4 I believe these amendments are both necessary and
5 appropriate and will enable the Santa Clarita Valley to take
6 the next final steps to comply with the TMDL. And as you've
7 heard multiple times today, those steps began long ago by a
8 commitment of this valley to lower the chloride content of
9 their discharge by removing water softeners, imposing a --
10 you know, passing a self-imposed ban on these water
11 softeners, which I think is the only the place in the
12 country that has done that. So we have taken aggressive
13 steps to improve the water quality.

14 But now as we move on with these next steps to
15 comply with the TMDL, the business community is very engaged
16 in these activities. And as we make this investment, we'll
17 be working to make sure that we make the most of it and
18 efficiently and responsibly manage water in the Santa
19 Clarita Valley, including use of recycled water, as you have
20 heard. We're going to stay engaged with all of the agencies
21 so that we take holistic solutions and integrate our water
22 management.

23 Thank you.

24 CHAIR STRINGER: Thank you very much.

25 Terri Crain followed by Jeanne Duarte.

1 MS. CRAIN: Hi, good afternoon. My name is Terri
2 Crain, and I'm the CEO of the Santa Clarita Valley Chamber
3 of Commerce, a business organization in the Santa Clarita
4 Valley with approximately 1,100 members living in the
5 valley.

6 The Santa Clarita Valley Chamber of Commerce
7 supports the Santa Clarita Valley Sanitation District's
8 efforts to comply with the chloride TMDL and strongly
9 supports the Basin Plan Amendments, which are needed to
10 ensure that the valley can meet the compliance requirements,
11 including extension of the construction schedule.

12 On behalf of the Chamber of Commerce, I'd like to
13 thank Board Member Fran Diamond for meeting with the Santa
14 Clarita business leadership, and the Executive Director Sam
15 Unger for attending three public hearings in Santa Clarita.

16 Thanks to both of you for being responsive to the concerns
17 of our business community. The dialogue has been very
18 helpful, and we look forward to continuing to work with the
19 Regional Board as we work to realize our goal of managing
20 the Santa Clarita Valley's water resources in a way where it
21 helps develop long-term local water sustainability.

22 The Chamber of Commerce is very committed to
23 changing the way water is managed in the Santa Clarita
24 Valley and for making the best use possible of high-quality
25 recycled water.

1 We are a founding of member of SCVOne Water and
2 additionally, are collaborating with the SCV, Sanitation
3 District, Castaic Lake Water Agency, the city, business
4 leaders, and other stakeholders to make this possible. As a
5 member of SCVOne Water, we understand the importance of
6 working with the Regional Board and for the water agencies
7 to collaborate to realize our goals.

8 We applaud the Sanitation District for its
9 extensive stakeholder public outreach over the last
10 three years and the District's efforts to provide excellent
11 communication materials that clearly explain the choices and
12 complex issues related to complying with the chloride TMDL.

13 The Chamber of Commerce strongly supports the
14 Basin Plan Amendments and extension of the construction
15 schedule and requests that the Board approves of the Basin
16 Plan Amendments and extension of the construction scheduled,
17 too.

18 Thank you for your time.

19 CHAIR STRINGER: Thank you very much.

20 Jeanne Duarte.

21 MS. DUARTE: It's afternoon now. Good afternoon,
22 and thank you Chair Stringer and the Board. My name is
23 Jeanne Duarte, and I'm here today representing SCVOne Water.
24 SCVOne Water is a business-focused, stakeholder-driven
25 coalition dedicated to fostering our collaboration and

1 creating synergy amongst our various agencies involved in
2 water resource management. Our steering committee is
3 comprised of our local public agencies responsible for
4 managing the water resources in the Santa Clarita Valley.

5 As we continue to face more and more stringent
6 regulations the business community recognizes our role and
7 how important it is for business to have a voice in the
8 water issues.

9 Costs have a direct impact on the Santa Clarita
10 Valley's economic health, which makes the business community
11 an important stakeholder in developing sustainable water
12 resource management.

13 We actively support planning programs and projects
14 that integrate surface water, groundwater, wastewater, and
15 stormwater into the future plans for the region's water
16 supply while reducing our future reliance on water supplies
17 conveyed through the delta.

18 To date, the Santa Clarita Valley has done a great
19 job in addressing the chloride issue that we are currently
20 addressing. However, we recognize that this is only the
21 first of many challenges we are to face as we move forward
22 with continuing drought conditions exacerbating the
23 challenges.

24 In support of an integrated approach to resource
25 planning, the Santa Clarita Valley's agencies are

1 cooperating in the preparation of a local water resource
2 reconnaissance study to identify water supply projects and
3 programs that integrate the use of local groundwater,
4 recycled water, and stormwater. This study is a 30,000-foot
5 view of water resources in the Santa Clarita Valley and will
6 provide the foundation for the future projects and programs
7 needed to secure our water future.

8 It's critical to our success that partnerships are
9 forged with local businesses, residents, the water agencies,
10 the city, the county, and the Regional Board to ensure that
11 we obtain the best use of our investment with long-term
12 integrated solutions that not only protect but enhance our
13 watershed.

14 SCVOne Water is working closely with the agencies
15 to maximize the efficient use of our water. This proposed
16 Basin Plan Amendment will help advance the goals of SCVOne
17 Water, which is seeking to foster that collaboration and
18 consensus between the private sector, the local state
19 agencies, including the Regional Board, in order to put in
20 place a holistic and sustainable management program for
21 Santa Clarita's water resources.

22 We strongly support the Basin Plan Amendment and
23 the construction extension schedule.

24 Thank you.

25 CHAIR STRINGER: Thank you very much.

1 Thank you all for your comments. We're going to
2 move now to questions, comments, and deliberations among
3 Board Members.

4 So, Madelyn, do you want to start?

5 BOARD MEMBER GLICKFELD: Thank you, Charlie.
6 Thank you. Thank everybody for their testimony.

7 I want to state upfront that it was my first
8 meeting as a Board Member when this came to us in 2008. And
9 there was an amazing array of stakeholders from Ventura
10 County -- some of the same people in the room -- and from
11 Santa Clarita talking about how they had come to a
12 consensus.

13 By the time our decision was done, the next thing
14 that happened is the Sanitation District appealed the very
15 decision that they were seeking here. And they didn't
16 succeed, but there hasn't been any cooperation at all
17 between the regional boards and the county Sanitation
18 Districts in Santa Clarita. There's been plenty between the
19 county Sanitation Districts outside of Santa Clarita.

20 So to see this finally come to a head where
21 there's finally a commitment to move forward -- it's taken
22 you a long time through a lot of discussion in your
23 community, but it's come full circle back to where you
24 should have been in -- the day after we approved your last
25 plan in 2008.

1 And, you know, I would like to ask Mr. Solomon if
2 he could come back up for a minute? One of the city
3 councilmen said that their EIRs -- and his understanding was
4 that there was no damage to the agricultural sector and to
5 the populations that draw on groundwater. Has there been
6 impacts of the surface water that's discharged from these
7 plants on your groundwater as well as your surface water or
8 not?

9 MR. SOLOMON: Well, as Tony Morgan, our
10 groundwater manager talked about, what we're seeing is the
11 use of groundwater by the cities of Santa Paula, Fillmore,
12 and Piru. Especially in Piru we're already seeing that rise
13 a little bit. They're having to deal with it --

14 BOARD MEMBER GLICKFELD: There are -- not that
15 there are rising amounts of groundwater, there are rising
16 salts in the groundwater?

17 MR. SOLOMON: The chloride and salts, correct.

18 BOARD MEMBER GLICKFELD: Right.

19 MR. SOLOMON: Yes.

20 BOARD MEMBER GLICKFELD: And do you attribute that
21 to agricultural operations? How do you attribute that?

22 MR. SOLOMON: It's a combination of everything. I
23 can't -- I mean, that's part of it's the state water we
24 bring down, there's all kind of things. We're not blaming
25 it just on this, but it is a main contributor and that's why

1 the TMDL is so important. Is that slug of chlorides that's
2 already been parked in the Piru Basin starts moving, and it
3 has started moving, and more comes in, that's going to move
4 down to Fillmore and Santa Paula, which I believe are
5 already in non-compliance for their chloride discharges as
6 it is. And they built new plants. They're paying
7 exorbitant amounts on their sanitation, so it is going to
8 affect them.

9 As far as crops, what people fail to understand is
10 the study didn't say that a tree is going to fall over,
11 okay? The strawberries are going to shrivel up and die.
12 What it does is -- and the example I try to use is air
13 pollution, that's the best I can do. Air pollution is
14 affecting us. Is it shortening our lives? Is it making our
15 lungs have less capacity? Are we less productive, because
16 we can't go out when it's smoggy, we can't run? It's the
17 same thing with this water --

18 BOARD MEMBER GLICKFELD: Are there reduced yields?

19 MR. SOLOMON: There are reduced yields and the
20 quality, the quality is an issue.

21 BOARD MEMBER GLICKFELD: And are there effects on
22 the soil?

23 MR. SOLOMON: The soil? Yes, because we have to
24 leach -- the farmer has to use more water to leach the salts
25 down and clean it up. It's the quality is poor. The life

1 of the tree and the fruits are shorter and that affects
2 their prices, the prices they get on the fruit. It gets a
3 lower rating than when stores want to buy it.

4 And the trees, for example, last longer. These
5 trees should be 30, 40 years, but they're going to have to
6 pull these trees out more often like 25, 30 years, you know,
7 shorter periods because they aren't producing as much.

8 BOARD MEMBER GLICKFELD: And any of the farmers
9 getting this water, using -- at their own expense
10 constructing desalters --

11 MR. SOLOMON: None of them are producing
12 desalters --

13 BOARD MEMBER GLICKFELD: -- are using, but they
14 could -- but do you think you'll make it through 2019
15 without having to do that? How are you going to make it
16 through the next four years?

17 MR. SOLOMON: That's one of the projects at
18 United. We're trying to figure out how are we going to
19 clean that area up? That's one of our concerns with losing
20 the AWRM project, because part of that project was a
21 facility that was there to help us pull that up, dilute it,
22 and clean it before it's sent down. Now we don't have that,
23 but we have to figure that out.

24 BOARD MEMBER GLICKFELD: So the alternate water
25 supply provision on page 15-36 that's in here, does that

1 basically put you into the same position that the AWRM would
2 have?

3 MR. SOLOMON: Can you remind me what that is?

4 BOARD MEMBER GLICKFELD: That is when the in-river
5 concentrations at Blue Cut, the Reach 4B, exceeds the water
6 quality objective of 100 on the three-month rolling average.
7 Agricultural diverters can provide records of the diversion
8 dates to the Board and to the Sanitation Districts and it
9 appears that there would be some measures available to have
10 alternative water for crops.

11 MR. SOLOMON: Yeah and that's in the current TMDL,
12 too, that the farmers can apply for.

13 BOARD MEMBER GLICKFELD: So this is nothing
14 different?

15 MR. SOLOMON: That's the same though, yes that is
16 correct. It's the same thing.

17 BOARD MEMBER GLICKFELD: But there isn't any
18 provision for them helping you to remediate the salt
19 problems.

20 MR. SOLOMON: It's already there. That's correct.

21 BOARD MEMBER GLICKFELD: Thank you very much,
22 Mr. Solomon.

23 MR. SMITH: But Board Member -- Board Member
24 Glickfeld?

25 BOARD MEMBER GLICKFELD: Yeah?

1 MR. SMITH: That alternative water supply is for
2 the Districts to be able to supply only to surface water
3 diverters if the water becomes at a problematic level. It
4 doesn't address --

5 BOARD MEMBER GLICKFELD: So it doesn't address --

6 MR. SMITH: -- replacing that yes.

7 BOARD MEMBER GLICKFELD: -- what happens when
8 people are pumping up groundwater that's been impacted by
9 surface water?

10 MR. SMITH: It's a surface water issue.

11 MR. MORGAN: It's more of a kamulos (phonetic)
12 issue where they have a diversion.

13 BOARD MEMBER GLICKFELD: And how much of United
14 takes -- how much of the water do United Farmers take from
15 the river as opposed to firm groundwater? Do you have any
16 idea?

17 MR. SOLOMON: Tony, do you know the diversion --

18 MR. MORGAN: I don't remember the diversion, but
19 the groundwater is way more than (inaudible).

20 MR. SOLOMON: That was at 60, 70 percent
21 groundwater, maybe the rest being surface water.

22 BOARD MEMBER GLICKFELD: Okay. Thank you.

23 EXECUTIVE OFFICER UNGER: Board Member Glickfeld,
24 may I just also?

25 BOARD MEMBER GLICKFELD: Sure.

1 EXECUTIVE OFFICER UNGER: Also upon -- it seems as
2 if your question is asking what is the difference between
3 the prior AWRM project and this project on the --
4 essentially the first large groundwater basin.

5 BOARD MEMBER GLICKFELD: Yeah, you know, on the
6 alternative -- you know, I'm focusing on how do we decide to
7 extend this? How do we decide it's not built? It's not
8 here. So we have to extend it, and what's the impact going
9 to be on the downstream users and -- in terms of four more
10 years of salted water coming down?

11 EXECUTIVE OFFICER UNGER: Well, there's --
12 actually, I think we have a very good prediction of what
13 that -- what will happen there because we've done the
14 groundwater surface water modeling, and that was done during
15 the whole AWRM situation.

16 I mean, so basically what you've seen now is the
17 elevation in the groundwater in the Piru basin. It's
18 essentially taken decades to get to the levels where it's
19 at, and it is above 100 milligrams per liter. It's not --
20 you know, it's in the 130 range, things like that. Not that
21 much higher essentially than what is in the top range of
22 agriculture of chlorine levels for salt-sensitive crops at
23 117. But I will say that both -- so the four years is
24 somewhat in the noise to some degree at these levels.

25 I would say, though, that both projects will have

1 the effect of improving the water quality in the Piru basin.

2 There's no doubt that the AWRM would have done it faster --

3 BOARD MEMBER GLICKFELD: Once it's -- once they're
4 completed?

5 EXECUTIVE OFFICER UNGER: Yes, actually. Once
6 they're completed and operational. Right.

7 BOARD MEMBER GLICKFELD: I'm more concerned about
8 about the fact that we were intending these to be done in
9 2015 and literally operating next year, and we will not
10 even, under their optimistic estimates, get to -- get to
11 full operation until 2019.

12 EXECUTIVE OFFICER UNGER: I understand.

13 BOARD MEMBER GLICKFELD: Given that we set these
14 objectives in 2008, that's a long time.

15 EXECUTIVE OFFICER UNGER: Right. Right. And what
16 I'm trying to say is that it -- there's been decades of
17 discharge from those plants really that have resulted in
18 the -- what we're seeing now.

19 BOARD MEMBER GLICKFELD: So the legacy problems --
20 I recognize the -- you're saying the legacy problems are
21 great enough that an additional four years is not going to
22 make it that much worse?

23 EXECUTIVE OFFICER UNGER: That's what I'm trying
24 to say. And we can run that -- certainly, we could run a
25 quasi-model for you again, but that's essentially what we're

1 saying, yes. And we -- yeah, we don't see that there's
2 going to be an immediate effect on the salinity levels for
3 drinking water in Piru due to the fact that this project is
4 being delayed four years.

5 And we will see an increase, I mean, due to this
6 project being delayed, but it's going to be at levels that
7 eventually will be turned around and reduced.

8 BOARD MEMBER GLICKFELD: On that issue, have you
9 determined was there a negative deck (phonetic) done for
10 this TMDL?

11 EXECUTIVE OFFICER UNGER: I'm going to let
12 Jenny --

13 BOARD MEMBER GLICKFELD: Have we complied with
14 CEQA?

15 MS. NEWMAN: Yes, we have.

16 BOARD MEMBER GLICKFELD: Good.

17 MS. NEWMAN: The 2008 TMDL, we conducted a
18 supplemental -- or I have forgotten --

19 EXECUTIVE OFFICER UNGER: Substitute environmental
20 project.

21 MS. NEWMAN: We did our CEQA in 2008. The
22 proposed project, all of the physical components of the
23 proposed project before you today are the same as the 2008
24 TMDL except there's no salt export facilities that were
25 AWRM, so we are relying on the CEQA that we conducted in

1 2008 for the proposed amendment before you now.

2 BOARD MEMBER GLICKFELD: So you're saying these
3 amendments have no substantial environmental impact?

4 MS. NEWMAN: No. We're saying they are and they
5 could, and that's why we did the substitute environmental
6 document.

7 BOARD MEMBER GLICKFELD: Okay, thank you. You
8 might as well stay up here, Jenny.

9 MS. NEWMAN: Okay.

10 BOARD MEMBER GLICKFELD: We have -- you have shown
11 us and Phil Friess has shown us a schedule for development
12 of the design phases. Is this schedule in any way put into
13 a -- what is the status in the TMDL of a schedule like this
14 and what happens if schedules are not met?

15 MS. NEWMAN: This schedule is included in --

16 BOARD MEMBER GLICKFELD: This one.

17 MS. NEWMAN: That schedule -- that was in my
18 presentation is included in the Basin Plan Amendment on page
19 22 and 23.

20 BOARD MEMBER GLICKFELD: Uh-huh.

21 MS. NEWMAN: And that's page 15-41 and 42 of your
22 Board agenda package. This will be incorporated into the
23 NPDES permits for the two plans.

24 BOARD MEMBER GLICKFELD: How soon?

25 MS. NEWMAN: When the permit is renewed by

1 May 2015.

2 BOARD MEMBER GLICKFELD: So it will be less than a
3 year from now.

4 EXECUTIVE OFFICER UNGER: One year.

5 MS. NEWMAN: Right. And in the first -- the first
6 deliverable is due September 30th, 2015.

7 BOARD MEMBER GLICKFELD: So we can then in the --
8 the Board that's there can then decide whether they want to
9 put a time schedule order in and how that would be enforced
10 if people -- if the time schedule ordered didn't match.

11 MS. NEWMAN: Yes. This -- from what I -- this the
12 schedule and the Basin Plan Amendment would go directly into
13 the NPDES permit and would be -- these deadlines would be in
14 the permit. And then if County San (phonetic) missed any of
15 these deadlines, we would be able to take action.

16 BOARD MEMBER GLICKFELD: So how does this affect
17 the interim plan that's being developed for the Newhall
18 Ranch & Farming? We have a provision that, for an interim
19 plan when we approve the 401 permits for --

20 EXECUTIVE OFFICER UNGER: We did, yes.

21 BOARD MEMBER GLICKFELD: -- Newhall Ranch? Are
22 they -- is that being built or do they anticipate waiting
23 now until they hook up to these new plants?

24 EXECUTIVE OFFICER UNGER: Our understanding I
25 think at this time is that there hasn't been physical

1 progress yet on those plants, but essentially the way the
2 WDRs and -- worked for the Newhall project was that they can
3 have an interim connection to the Valencia plant for the
4 first few homes, and then when they build their own
5 wastewater treatment plant, it is subject to the
6 100 milligrams per liter --

7 BOARD MEMBER GLICKFELD: But if they start
8 adding on houses and send it to these two plants before the
9 compliance is done, do they have to do any kind of
10 additional treatment?

11 EXECUTIVE OFFICER UNGER: Yes.

12 BOARD MEMBER GLICKFELD: Okay. That's what I'm
13 concerned about.

14 EXECUTIVE OFFICER UNGER: They will have to -- let
15 me --

16 BOARD MEMBER GLICKFELD: So basically we're not
17 going to send more effluent to these plants and then send
18 out more non-compliant treated effluent?

19 EXECUTIVE OFFICER UNGER: They will have to meet
20 the 100 milligram per liter water quality objective in the
21 effluent in the Newhall plants.

22 BOARD MEMBER GLICKFELD: Okay.

23 EXECUTIVE OFFICER UNGER: Or plant I should say.

24 BOARD MEMBER GLICKFELD: All right. I asked about
25 CEQA. So I think I've pretty much asked my questions,

1 Mr. Chair.

2 The only thing I can say to my colleagues here is
3 that we -- it was incredibly -- I have to commend all of our
4 staff and this Board and our predecessors on this Board for
5 being absolutely focused on making this happen today. If we
6 hadn't, I don't think that we would have seen the kind of
7 consensus come together here. So I think we have no choice
8 in my mind but to approve this, but I don't do it with a
9 great deal of trust yet. Trust is going to have to come
10 when actual deadlines are made.

11 So I would recommend to you -- at least I'm going
12 to be voting for this knowing that we're going to have an
13 NPDES permit coming up before the end of -- before May of
14 2015 which will allow us to codify and make enforceable
15 these deadlines.

16 CHAIR STRINGER: Thank you. Thanks a lot.

17 Irma?

18 VICE CHAIR MUNOZ: Well, I wasn't here in 2008,
19 but it's very disturbing and disappointing that a speaker
20 said it was a lack of political will. It also looks like
21 disregard for compliance and that's what bothers me. But I
22 don't know, I want to ask staff, were there any penalties or
23 fees when it was clear that they weren't going to -- that
24 they weren't going to meet the 2015?

25 EXECUTIVE OFFICER UNGER: Yes, the way it works

1 is it's almost a mirror of the way it's going to work in the
2 near future in the sense that we had to bring the TMDL
3 schedule that was adopted by this Board in 2008 into the
4 NPDES permits for both plans. I think we learned a bit of a
5 lesson there. We did bring that in.

6 And what happens is when we do TMDLs, we've
7 essentially less detailed schedules than we do oftentimes in
8 NPDES permits. I think we've learned a good lesson here,
9 that we put in interim milestones to those sort of broad
10 kind of milestones that are laid out in a longer term -- you
11 know, in a longer term TMDL.

12 So we plan to do that in May of next year. When
13 we bring this before you, we will have a first interim
14 milestone that is part of the permit 11 months after you
15 will be considering that. So we think by bringing that into
16 the permit we can have a rather robust discussion at that
17 time. Whether we bring it into the permit itself is
18 sufficient or whether we should accompany it with a TSL, but
19 either way we think we have -- we've learned lessons. And
20 we think we know what we need to do in order to bring this
21 plan into fruition from the regulatory standpoint, which is
22 to bring it into the permits that you'll be considering next
23 year.

24 VICE CHAIR MUNOZ: I do have a question for the
25 Sanitation District.

1 Can you elaborate a little more about the
2 deep-well injection and what exactly that means and if any
3 chemical is going to be used? And if you are going to use
4 chemicals, what they are and what can be the negative
5 impacts to the environment? I know you have the test well
6 scheduled for September 15th, but can you give me any sense
7 now of what all that means?

8 MR. FRIESS: I'm not sure that any chemicals are
9 going to be used as a part of this. This is not like
10 fracking where there are chemicals that are injected to
11 achieve a purpose of -- of loosening up subsurface
12 formations. We're just disposing of this brine waste that's
13 created. And I am -- I can't give you a for certain answer,
14 but I don't have any knowledge that any chemicals at all are
15 added to the brine before it's injected. I don't believe
16 there are any chemicals that are added.

17 VICE CHAIR MUNOZ: Okay. Thank you.

18 Well, I, along with my colleague, Board Member
19 Glickfeld feel that I'm going to vote for it, but with a lot
20 of hesitation. And I guess I'll be laser focused in the
21 future about what happens, because I am concerned about
22 what's happened in the past, and I just don't think we want
23 this to happen again.

24 CHAIR STRINGER: And we're down to Larry. Larry?

25 BOARD MEMBER YEE: I was not here in 2008 either,

1 but I do live in the region and I do know of the deep
2 frustration and disappointment that was felt by many of the
3 downstream stakeholders when the Sanitation District reneged
4 on the regional MOU leading to the AWRM that had been worked
5 on so hard and diligently by many.

6 I mean, the Sanitation District, you have to know,
7 lost a lot of respect, trust and integrity when that
8 happened. And so, you know, given the history and sensitive
9 nature of this watershed and the fact that we are now under
10 extreme drought conditions, I think four years is way too
11 long. But I do know, you know, practically thinking how
12 long it takes to design and build these kinds of facilities.

13 So I have to, you know, go along with the
14 four-year extension. But I too want to see some significant
15 teeth built into the permit, if there's any dragging of
16 heels or any delays in this whole process, so I'm also in
17 favor of Option 3.

18 CHAIR STRINGER: Thank you.

19 Fran?

20 BOARD MEMBER DIAMOND: Clearly, I've had a long
21 history on this particular issue in this particular region.
22 And I have known many of you for a long time, because of
23 this issue. And you've come before us many times.

24 It was actually even before the meeting that I had
25 in Santa Clarita, which I was happy to attend and I, you

1 know, thank you for acknowledging it, but it was very
2 important. I got a lot out of it myself. But even before
3 that, there was a TMDL passed by the Regional Board that
4 went all through the process, even to the point where the
5 USEPA adopted it.

6 And after that there was a meeting that I attended
7 at our Regional Board offices. I think Deb Smith was there
8 with me. I'm not sure Sam was there, but I know Deb was
9 there. And we met with Councilwoman West. And it was a
10 pretty heated conversation, I would say. There was all of
11 the frustration that my fellow Board members have spoken
12 about, there was a sense of, you know, this is so unusual,
13 I can't believe we're actually having to have this
14 conversation. And that was some years ago.

15 So we fast forward it and I was able to go last
16 year to meet with members of the community. And I would say
17 that we would all agree that it was a pretty open, honest,
18 direct conversation, because of the level of frustration
19 that I was feeling then years later was magnified. And the
20 business community really heard that.

21 And I came away with the sense they just want to
22 know what the rules are. They really want a sense of
23 certainty. It's not really an argument over what the levels
24 are, what the limits are, but, you know, What's the future
25 going to hold? What do we have to do?

1 And I think that really kind of got us going to
2 the point where we are today, which is we need to build the
3 trust that we're beginning -- and I really want to
4 acknowledge the work that's been done since by County San.
5 We've seen it here today. I think Grace Hyde and Phil
6 Friess have really come to a place and we see that now where
7 we're working together. There's collaboration now that
8 should have existed years ago.

9 And, you know, it's a place now where we have to
10 move forward. And while we -- there's tremendous
11 frustration that it's not here and that we don't -- we're
12 not going to see it next year. That there's still going to
13 be impacts on community, particularly communities like Piru
14 where they're disadvantaged communities that they're going
15 to have to wait four more years to see some kind of
16 improvement in the water there.

17 But I think, you know, we just need to move
18 forward. It's better to collaborate. We're doing that now.
19 We have to clean up the water. We need to remove the
20 chloride. We need to build a sustainable water future. And
21 I think that's what we're doing.

22 I think there are tremendous lessons learned over
23 this period. I don't think -- I hope we don't have to go
24 through this again in any other community, but I thank the
25 members of the community who have come together. I

1 particularly thank the people who I met at the business
2 community meeting. I think your input and your moving
3 forward helped everybody to move forward. So I'm going to
4 support this and I'm going to look forward to those
5 benchmarks and to make sure that we are really looking at
6 them as enforceable as we move forward.

7 And I'm really pleased by staff for all the work
8 that you've done and by bringing it back to us next year. I
9 think that's a really important thing because we'll be able
10 to implement this TMDL in the permit, and the sooner we're
11 able to do that, the better for everyone.

12 So I'm going to move that we adopt this
13 Alternative 3 as proposed by staff. And thank you all for
14 listening and for moving forward together.

15 CHAIR STRINGER: Is there a second?

16 BOARD MEMBER YEE: I second.

17 CHAIR STRINGER: Before I call for a vote I would
18 just like to briefly say I don't have anything substantive
19 to add, but I do want to just acknowledge Fran, your
20 leadership on this, and thank you for it.

21 I came into this sort of halfway through it, I
22 guess, if you will, between then and now. And I know how
23 frustrating it has been at times and I've watched you lead
24 us through this, and I've learned a lot, so I really
25 appreciate that. And, of course, the tremendous work of

1 staff to get us where we are.

2 So with that, all in favor?

3 BOARD MEMBER YEE: Aye.

4 BOARD MEMBER GLICKFELD: We have to do it. Do we
5 have to do it then --

6 CHAIR STRINGER: Not until January.

7 VICE CHAIR MUNOZ: Not yet.

8 BOARD MEMBER GLICKFELD: Okay. I'm jumping then,
9 yes. Yes, sorry about that. I'll try it again.

10 (Colloquy between Board Members)

11 CHAIR STRINGER: Yes. All in favor?

12 ALL BOARD MEMBERS: Aye.

13 CHAIR STRINGER: Okay. The motion carries. Thank
14 you.

15 So we're going to break for lunch and closed
16 session. I suspect it will take us about an hour and a
17 half, so we'll be back here about 2:30 for our workshop.

18 (Off the record at 12:59 p.m.)

19 (On the record at 2:31 p.m.)

20 CHAIR STRINGER: We're going to get started on our
21 Board Workshop, item number 17.

22 Thank you everybody for being here.

23 We're opening item 17 now if everyone could just
24 take a seat, please?

25 We've got a very interesting workshop coming up

1 and a lot of people who want to provide us with their
2 perspectives and comments and insights, and we're really
3 looking forward to hearing from everybody. To make sure we
4 hear from everyone we are going to try to do this in an
5 orderly process.

6 We'll start with a Staff Report from Renee Purdy,
7 and then move on from there. I've got a sheet of all the
8 speakers and with time allotments for each of them, but I
9 would like to just open with a brief statement from Sam to
10 open the workshop.

11 Sam, did you want to say something before we get
12 started?

13 EXECUTIVE OFFICER UNGER: No, I think we'll just
14 turn it directly over to Renee.

15 BOARD MEMBER GLICKFELD: Okay, great.

16 EXECUTIVE OFFICER UNGER: You know, basically you
17 all know that we have a watershed-based permit, probably one
18 of the first ones in the nation. And we're here today to
19 give you a report and let the permittees themselves report
20 to you some of the progress that they have made since the
21 permit has been adopted two years ago.

22 CHAIR STRINGER: Fantastic. So we are not making
23 any decisions today, correct?

24 EXECUTIVE OFFICER UNGER: That's correct. Yes,
25 that is correct.

1 CHAIR STRINGER: Yes. I knew that.

2 EXECUTIVE OFFICER UNGER: Yeah, we'll just get it
3 on the record.

4 CHAIR STRINGER: We're all on the same page.

5 MS. PURDY: Great. That is correct, we are not.

6 CHAIR STRINGER: We're here to listen and learn
7 and ask questions and get your perspectives and insights.

8 EXECUTIVE OFFICER UNGER: And we're hoping
9 everyone can, due to the late start we're getting here, make
10 their presentations as brief as they can.

11 CHAIR STRINGER: Great. Thank you. Thank you
12 very much.

13 MS. PURDY: I'm Renee Purdy. Good afternoon,
14 everybody.

15 And I will try to keep mine a little shorter than
16 I intended just because I really would like to give the
17 permittees the opportunity to really go over their programs
18 with you. That is the point of today's Board workshop, is
19 for you to hear from the permittees, especially about the
20 draft watershed management program they have submitted to us
21 earlier this year at the end of June of this summer.

22 So I did also just want to clarify that the focus,
23 as you all know, of the Board workshop today is on the draft
24 watershed management program that were submitted under the
25 Los Angeles County MS4 permit. And those, as I said, were

1 submitted at the end of June of this year.

2 And I wanted to just say, as you recall, the
3 permit gives two options for different types of watershed
4 management program. One is what we had referred to as a
5 "Standard Watershed Management Program," the other we refer
6 to as an "Enhanced Watershed Management Program."

7 And the enhanced programs have an extra year of
8 planning that they are allotted because there is a
9 requirement, and really the foundation of those programs, is
10 to comprehensively look at opportunities throughout the
11 watershed area to retain stormwater from what we call the
12 stormwater Design Storm.

13 So today's workshop is not focused on those
14 enhanced programs; it's just focused on the watershed
15 management program.

16 Additionally, just in the interest of time, I am
17 not going to be talking too much about the integrated
18 monitoring programs that have been submitted along with
19 these plans. There is such a volume, as you all probably
20 came to see from your Board package and the CD that was
21 included, there is such a volume of material that really
22 just to go through the draft watershed management program
23 today will probably be plenty of information. So that will
24 be the focus of today's workshop.

25 BOARD MEMBER GLICKFELD: Before you get started --

1 MS. PURDY: Yes, sure.

2 BOARD MEMBER GLICKFELD: -- when will the Board
3 get your assessment of progress to date in terms of
4 compliance?

5 MS. PURDY: Well, in part, I'm going to be sharing
6 with you some of the status of our review on the draft
7 watershed management program today. So I will be discussing
8 that a little bit later in my presentation.

9 And then in terms of the monitoring programs, we
10 are -- and some of that gets into the next steps, but we're
11 continuing our review of those monitoring programs as well
12 as continuing to work with permittees on the developments of
13 their EWMPs, the enhanced watershed management programs. So
14 those, you know we can talk about a potential update to the
15 Board with regard to those two things at a later date. It
16 was just too much to cover in one Board meeting,
17 particularly given the items that we had this morning.

18 BOARD MEMBER GLICKFELD: And at the end of today's
19 workshop will the entities that submitted their scopes of
20 work know whether they are going to be able to go ahead with
21 those or not? Have you -- when will you approve those
22 scopes of work?

23 MS. PURDY: Well, at this point, what we have is
24 we have draft watershed management program. The permit --
25 and this is a good thing that I actually didn't put in my

1 presentation and should have -- the permit set forth a
2 process for receiving these submittals from the permittees,
3 having us review them, provide comments -- because almost
4 always we have comments on submittals -- and we ask for
5 revisions.

6 And so the permit allowed for that process.

7 It gave us a four-month period to review the
8 submittals, and then it gives permittees a three-month
9 period to revise the submittals in response to our comments.
10 And then, after that, we have another three months to
11 finalize our review and then give them the green light or
12 not as to whether their submittals pass the requirements of
13 the permit.

14 So we are not quite at the end of this process
15 yet. We are at the process of giving them their initial set
16 of comments, and then they will have an opportunity to
17 revise the plan.

18 BOARD MEMBER GLICKFELD: Thank you. That helps.
19 Thank you.

20 MS. PURDY: Okay, so what I wanted to do is just
21 talk to you some about the draft watershed management
22 program and give you an overview of the submittals of those
23 draft watershed management program.

24 We have received 17. You might recall in previous
25 updates we had 29 watershed management groups that formed or

1 individuals that formed altogether. Seventeen of those were
2 for watershed management programs, the other 12 are for
3 enhanced watershed management programs, so I'm focusing on
4 the 17 today. They're the watershed management program.

5 Of those, we had ten where individual cities said,
6 "We just want to do our own watershed management program
7 just for our city." And then we have another 7 that decided
8 to form groups that ranged in size from 2 permittees to 13
9 permittees that wanted to do a watershed management program.
10 And all in all we've got 43 permittees. So, basically 50
11 percent of the permittees under the permit are participating
12 in watershed management program that you'll hear about
13 today.

14 So I wanted to just give you a little bit -- and I
15 don't know if I have any way of pointing or not. But you
16 all should be able to see on your -- the color copies that I
17 gave you of the presentation. I wanted to just show you the
18 location of the 17 watershed management programs. And you
19 can see that a number of them are in the San Gabriel Valley
20 area. There is one small group of four permittees that is
21 in the East San Gabriel Valley. And then there are a number
22 of individual cities that are engaging in a watershed
23 management program that are also in that vicinity.

24 And then you'll see we have quite a few that are
25 centered in the southeastern part of the county, so

1 basically the Lower Los Angeles River, the Lower San Gabriel
2 River, the Los Cerritos Channel area, and the Alamitos Bay
3 area. And then we have a group that is a little higher up
4 in the L.A. River Watershed in what's called the Upper Reach
5 2 area. And you'll see we also have a few individual cities
6 participating in the Dominguez Channel area.

7 So you'll see for the most part they're centered
8 on the eastern part, southeastern part, of the county. And
9 partly the reason for that is because, as I mentioned
10 earlier, the EWMPs are really focused on large regional
11 projects where you can infiltrate stormwater. And so in
12 this southeastern part of the county there just aren't as
13 many opportunities. It's a densely developed area. The
14 groundwater in some cases is shallow. So there just aren't
15 going to be as many opportunities for the regional projects
16 there. Though, I will say, and as you'll hear from the
17 permittees, many of them have gone ahead and evaluated some
18 of those opportunities anyway for some of these watershed
19 management program areas.

20 So the next thing that I wanted to do is I just
21 wanted to describe for you the approach that we, as staff,
22 have been taking to reviewing these watershed management
23 program and then give you a little bit of a status of our
24 review at this point, where we are in this process.

25 So I have gone over this a little bit before. And

1 I don't know if you remember, but about a little over a year
2 ago, I presented to you a project management plan for how we
3 were going to manage the implementation -- overseeing the
4 implementation of L.A. MS4 permit. And so what we have done
5 is we have lead staff that are assigned to each of the
6 watershed management program. And so they are the ones that
7 are really digging in in detail to all the elements of the
8 proposal, including the integrated monitoring programs that
9 were submitted as well.

10 And then we have a number of other Regional Board
11 staff experts, including -- you heard about Dr. C.P. Lai
12 this morning. We also have our watershed coordinator
13 involved, our GIS coordinator involved, and then, of course,
14 our TMDL program staff involved as well at the Regional
15 Board level.

16 And upon the recommendation of several people, I
17 can't remember who all recommended this, we have involved
18 EPA Region 9 as well. And so they are partnering with us on
19 the review of these draft watershed management program. We
20 have a team of people from EPA Region 9, and we meet weekly
21 amongst the Regional Board team and the EPA team to
22 basically talk about the status of our review, the things
23 that are arising. There are a lot of commonalities in many
24 cases as to what we're coming across. And so it's a good
25 chance for us to talk things over and also ensure that we're

1 providing a consistent review across the watershed
2 management program.

3 So in terms of the status of our review,
4 basically, we've completed our review of the ten individual
5 watershed management program. We are still wrapping up some
6 of the review letters for some of those ten, but for the
7 most part, we've wrapped up the review of the ten that are
8 doing just citywide watershed management program. And we're
9 continuing the review of the seven group programs, and we
10 anticipate having those seven group programs finished
11 probably within the next two to two-and-a-half weeks. So
12 we're getting close to being done with that review as well.
13 So our goal is to complete those by the end of this month.

14 And the other thing that I wanted to say about our
15 approach, and we did the same things with the Notification
16 of Intent, is we have come up with a set of criteria and
17 basically questions that we're all using to evaluate these
18 watershed management program. So not only are we meeting on
19 a weekly basis, but we are also all using the same set of
20 standard questions to ensure that we are getting a thorough
21 and consistent review across the programs.

22 Okay. So what I'd like to do now -- and it's
23 impossible to go into a huge amount of detail because there
24 are so many plans and so much detail, but I wanted to
25 highlight for you some of the key strengths that we are

1 seeing with the watershed management program. And these --
2 I mean, this is just a summary. And in some cases, this
3 doesn't apply to all. You know, some may have done a better
4 job than others with regard to this, but I wanted to
5 highlight some of the things we are seeing that most of the
6 plans are doing a good job of.

7 And the first is the water quality
8 characterization, which is -- and the prioritization, which
9 is a very important part of this watershed management
10 program process, is characterizing the water quality, then
11 identifying the water quality priorities, because it's then
12 those priorities that are addressed as to the reasonable
13 assurance analysis and for which watershed control measures
14 are being identified and commitments are made to
15 implementing those. So we are seeing that for the most part
16 that is really going well.

17 I will say the one side of that that is a
18 challenge for the permittees is there hasn't been a lot of
19 outfall monitoring yet. And, historically, in this program
20 it's been monitoring the receiving water. So there are some
21 limits to how much water quality characterization at the
22 outfall permittees are able to do at this stage. But that
23 will be addressed through the Adaptive Management process.

24 But I do want to highlight in one case a city
25 who's doing an individual program actually took the

1 initiative to go out -- and they didn't have any outfall
2 monitoring data -- and they went out, and before they
3 submitted their draft plan, they went and they did dry- and
4 wet-weather monitoring at two of their outfalls. And they
5 provided that as part of their water quality
6 characterization, which the permit did not require. It,
7 basically, required you use existing data. But that city
8 thought that it would be valuable to go that extra step to
9 do that.

10 Another strength is that the plans are doing a
11 good job of identifying water quality priorities beyond just
12 TMDL priorities, which was something that was really
13 critical to this approach, is we wanted to not sure address
14 TMDLs, but we also wanted to address receiving water
15 limitations and making sure that permittees are able to get
16 to compliance with those receiving water limitations. So I
17 think permittees are doing a very good job of really
18 thinking about the different water quality priorities, not
19 just for TMDLs.

20 The Reasonable Assurance Analysis is another area
21 where I think permittees have really put in a lot of effort,
22 and you'll hear some about that today. It is a lot of
23 technical modeling discussion, but, by and large, I think
24 that permittees are doing a good job with that. As you
25 know, we put out a guidelines document on how to do that

1 Reasonable Assurance Analysis and, for the most part,
2 permittees are following those guidelines when they're
3 conducting that modeling exercise.

4 The other thing that I would say is that we're
5 seeing, I would say, very customized multi-pronged tailored
6 approaches to water quality improvement, which was the point
7 of doing these watershed management program. And we're
8 seeing that. We're seeing that communities are customizing
9 their programs based on their characteristic --
10 characteristics, excuse me.

11 And then, finally, I would say we're seeing a
12 strong discussion of an Adaptive Management process, which
13 the permit requires as an element of these watershed
14 management program and is really critical given the long
15 timelines that we have for implementation of some of the
16 TMDL requirements. So we are seeing that permittees are
17 committing to that Adaptive Management process.

18 So the next thing I want --

19 BOARD MEMBER GLICKFELD: Wait. Could I --

20 Mr. Chairman, could I ask one question?

21 MS. PURDY: Sure.

22 BOARD MEMBER GLICKFELD: So I just realized that I
23 was confusing the Reasonable Assurance Analysis with the
24 Reasonable Potential Analysis, which is something that lay
25 people do.

1 The -- what are we getting here? Are these in the
2 plans that we have received? These are not in work -- these
3 are in plans? So --

4 MS. PURDY: Correct.

5 BOARD MEMBER GLICKFELD: -- so what kinds of -- is
6 this where the modeling comes in?

7 MS. PURDY: Yes. Yes. It's really -- Reasonable
8 Assurance Analysis is -- is the name that we call it because
9 that's what it's intended to do, as in, it's a modeling
10 exercise. And it's a modeling exercise that is meant to show
11 that we have a reasonable assurance that the watershed
12 control measures that are being proposed will result in the
13 water -- the required water quality outcomes. But it's a
14 modeling exercise, you're right.

15 BOARD MEMBER GLICKFELD: Okay.

16 MS. PURDY: That's exactly what it is. It's just
17 another --

18 BOARD MEMBER GLICKFELD: So they've gone through
19 and they've picked a model, they've calibrated the model,
20 they've put data into the model, and they have come up with
21 some conclusions that you think, based on your modeling
22 experts, they have done okay with that?

23 MS. PURDY: Well, I am not going to draw final
24 conclusions yet. We will -- as I said at the beginning, we
25 always have suggestions and areas where we want them to

1 maybe make some changes and that may include the modeling.
2 Dr. C.P. Lai is still in the process of really digging in.
3 I mean, literally, he is re-running these models for these
4 groups.

5 And so we are looking at their model results, but
6 then he is actually running the model. He has all the input
7 data and he has the output files, and he is basically
8 checking all of that. So it's a very big job for one
9 person, but he is doing a great job. I think he already
10 left so he can continue with his review, so he is not here
11 right now.

12 But, basically, what we're seeing so far is it
13 looks as though they have followed the guidelines that we
14 set for the Reasonable Assurance Analysis.

15 So the next thing I wanted to do is I did want to
16 talk about some other --

17 (Colloquy between Board Member Glickfeld and Ms. Purdy)

18 MS. PURDY: Okay. So I want to just go over some
19 of the areas that we're seeing where we probably will be
20 making some comments to some of the groups on their draft
21 watershed management program. And one of those, the first
22 one that I wanted to point out and I touched on it earlier,
23 is the permit does require a source assessment.
24 Particularly to determine whether MS4 discharges are
25 contributing to these pollutant problems or priorities or

1 whether it's another source and this is a challenge at this
2 stage because in many cases there isn't a lot of outfall
3 monitoring data.

4 So I think permittees have done the best they can
5 with the available data. I feel as though this is an area
6 that we're going to have a lot more data on with regard to
7 the outflow monitoring in the near future. And I think
8 permittees will be better able to address this source
9 assessment requirement of the draft watershed management
10 program at that point.

11 Another area that in some cases we're seeing that
12 needs improvement is sometimes the Reasonable Assurance
13 Analysis is not including all the water quality priorities.

14 So, for the most part, permittees are doing a good job of
15 addressing the TMDL requirements through the modeling
16 exercise, but in some cases some of the other water quality
17 priorities they're identifying have not been addressed
18 through the Reasonable Assurance Analysis.

19 And in some cases that is okay, because they have
20 identified that we call a "limiting pollutant" where they
21 know if they control that pollutant, then they are going to
22 address the other pollutants. But in other cases if it's a
23 pollutant that has different fate and transport
24 characteristics, they really need to go through that
25 modeling exercise for that pollutant as well.

1 Another thing that we have seen is that we are
2 probably going to need more detail on some of the watershed
3 control measures and the commitments that the permittees are
4 making in terms of the timing of those commitments and a
5 little bit more specificity on locations even if it's within
6 drainage areas.

7 And I would say some of the drafts do a pretty
8 good job of this, other drafts fall a little short in terms
9 of some of the detail that we need.

10 And then the other thing that I would say is that
11 a lot of permittees are relying on source control and
12 particularly product substitution, so we have a copper Brake
13 Pad Partnership that has done a lot of work in reducing
14 copper levels in brake pads. There is similar work going on
15 for lead in fuel waste and zinc in tires.

16 And some of those things actually are going to
17 require some legislation to make them happen. And so it may
18 be some years before we really realize those reductions, and
19 there's some uncertainty there. So that's another area
20 where I think, at this point, there's just not a lot of
21 certainty, and some groups are relying on that more heavily
22 than others. And I do think that we will see significant
23 reductions in those things, but it may take a number of
24 years before they get fully realized.

25 And then the last thing I have on the slide, which

1 I touched on a little bit, is just greater support for some
2 of the implementation timeframes. So the permit spells out
3 very clearly what the TMDL deadlines are because you adopted
4 those deadlines through the TMDL process. But in some cases
5 when they have identified a water quality priority for
6 something other than a TMDL, the permit requires them to
7 basically establish interim milestones and dates for their
8 achievement, and we have said that those need to be as short
9 as possible. So I think some additional justification for
10 some of the timelines may be needed.

11 All right. So the next thing I wanted to do --
12 and I am just going to hit a few highlights because you're
13 probably going to hear a lot from the groups with regard to
14 this, is I wanted to touch on some of the types of watershed
15 control measures that the permittees are proposing through
16 their drafts. And we're definitely seeing a lot of
17 permittees that are looking at opportunities for
18 implementing stormwater capturing in these BMP's.

19 A lot of those, they are looking at public parks,
20 they are looking very much so at right-of-ways, where they
21 can put in Green Street type BMPs. They are also looking at
22 things like infiltration to dry wells in some cases,
23 constructed wetlands, and infiltration.

24 And then we have some other interesting things
25 that some groups are proposing, for example, one group is

1 proposing what they call a "Vacant Lot Ordinance." Because
2 some of those cities have a lot of vacant lots, there's a
3 lot of basically sediment that's leaving those sites, and we
4 have a lot of the metals and other toxic pollutants are
5 bound to those sediments. And so actually controlling the
6 runoff of the sediment, will really help reduce the
7 pollutants.

8 So I think that's a really creative way to move
9 forward. Signal Hill is kind of a pilot city, and they
10 probably will talk to you some about that. And then they're
11 thinking about expanding that same Vacant Lot Ordinance
12 throughout their watershed area if they find it to be
13 effective in the Signal Hill area.

14 Of course, LID for new and redevelopment, and some
15 of the groups are really trying to look at the rate of new
16 and redevelopment so that they can put an estimate on the
17 pollutant load reduction or the runoff reduction that they
18 will be able to achieve from that.

19 And then a lot of the permittees are also looking
20 at things like enhanced street sweeping with what we call
21 the vacuum sweepers, which are much more effective than kind
22 of like the broom sweepers in picking up the sediment and
23 getting it out of the system, or looking at catch basin
24 retrofits as well. And I will just leave you at that list
25 for now, and you will hear more about it from the groups.

1 The last thing that I want to do before I kind of
2 summarize what our review is looking like right now, is talk
3 about the comments we received. We did publicly notice the
4 draft watershed management program as called for in the
5 permit, and we received four comment letters and we have
6 listed them here.

7 The first comment letter from NRDC Heal the Bay
8 and Los Angeles Waterkeeper came with multiple attachments,
9 and these four comment letters were all provided to you in
10 your Board package so you would have an opportunity to look
11 through those. Also the Ventura County Stormwater Management
12 Program provided comments. The Construction Industry
13 Coalition on Water Quality, and then Joyce Dillard also
14 provided comments on the draft.

15 So I wanted to just touch on some of the comments
16 that we've received. Some of those include that the
17 watershed characterization and source analyses lack
18 site-specific information. And, as I said, in some cases
19 because of how the groups divided themselves up, or in some
20 cases an individual city decided to do a plan on their own,
21 they may not have had a lot of water quality data available
22 for their area, and so they were somewhat limited. In some
23 cases, cities tried to look at adjacent areas or water
24 quality from representative sites that they could use for
25 water quality characterization. That was one of the

1 comments.

2 Another is that some of the water body pollutant
3 classifications and prioritization were insufficient in some
4 cases. And I do think that we -- I don't know how much I am
5 going to get into this detail -- but we broke pollutants
6 into three categories. Category 1 was TMDL pollutants.
7 Category 2 was basically pollutants that are identified as
8 impairing receiving waters on the Clean Water Act Section
9 303(d) list. And then Category 3 was other pollutants that
10 are exceeding the Water Quality Standards, but not to the
11 level of causing impairment that rises to placement on the
12 303(d) list.

13 And I think, for the most part, the Category 1 and
14 two pollutants have been addressed pretty well. But the
15 Category 3 pollutants, in some cases, the information, the
16 analysis to support that, has been a little insufficient.

17 The next is that some of the proposed projects to
18 address runoff and comply with the permit lacks specificity.

19 And you heard me talk about that. It's something that
20 we've noticed as well. In some cases there needs to be more
21 specificity, especially for some of those early watershed
22 control measures that we anticipate being implemented to
23 achieve deadlines in this permit term and the next permit
24 term. We understand that for ones that are further out,
25 there might not be as much specificity, but for at least the

1 early ones, there are some cases where we need some greater
2 specificity.

3 And then I also mentioned some of the assumptions
4 that are being made with regard to the expected pollutant
5 reductions, especially from some source control measures.
6 That's another area where we are going to be looking in some
7 cases for some additional support and justification for
8 that.

9 And that segues right into this next one about the
10 reliance on some of the future legislative and policy
11 changes that I spoke about. And the other thing is, again,
12 we received a comment that some of the compliance deadlines
13 are unreasonably long, especially, for pollutants that are
14 not addressed by a TMDL, but have been identified as a water
15 quality priority.

16 Then this last comment, I just wanted to explain
17 it a little bit more. This came from the Construction
18 Industry Coalition on Water Quality. And what they noted is
19 that there's a lot of individual plans going on, and they
20 have a lot of proposed control measures and that they're
21 going to be collecting a lot of data and there needs to be a
22 way to try to aggregate all this and come up with a picture
23 for the entire county. Which is no small task, but I think
24 may be a valuable exercise. I think we're going to be
25 learning a lot about outfall, you know, based on the outfall

1 data about MS4 discharge quality. We're going to be
2 learning and BMP performance. And some way to try to bring
3 all that information together at some point, I think is, you
4 know, what we're after.

5 The last two comments I wanted to touch on --
6 oops, there we go -- is that the one commenter said that the
7 timing of the monitoring and then the capital expenditures
8 for the watershed control measures should be -- or that the
9 two should be aligned so that the monitoring should really
10 match up with the implementation of the watershed control
11 measures. The point being that that way we can see the
12 effectiveness of those watershed control measures. And I
13 think that that will happen in these plans.

14 And then, lastly, just a comment that adaptive
15 management is very important throughout this process.

16 So, at this point, I want to talk to you about the
17 overview, basically give you an overview of our review to
18 date. And like I said we have basically finished our review
19 of the individual watershed management program. We did find
20 seven of the submittals to be deficient; basically, the
21 submittals did not meet the requirements for what
22 constitutes a watershed management program and that was
23 because there were significant omissions with regard to the
24 required elements that are laid out in the permit for those
25 submittals.

1 The remainder, what we feel at this point, and we
2 have read through them all at this point and are wrapping up
3 our review, is that they are on the right path with regards
4 to the draft watershed management programs. In some cases,
5 we are finding some technical issues: the modeling might
6 need to be adjusted somewhat, maybe looking at a different
7 condition to make sure they're looking at the critical
8 condition. And in some cases, we just need more specificity
9 and justification for one, specificity on their commitments,
10 and two, justification for the proposed timeframes that they
11 are providing.

12 And that's a very, very high-level review. We
13 have very detailed notes on each one of these as we are
14 reviewing, each staff is reviewing. Obviously, there's a
15 lot more to say about each one, but in the time we have
16 today, I'm just going to leave you with those thoughts about
17 our review to date.

18 And then I want to talk about the next steps,
19 which I talked a little bit about at the beginning. But the
20 next steps are to complete the review of the draft watershed
21 management program. And we'll provide comments to the
22 permittees. And then I said the permittees, where the
23 revisions are such that they can be addressed, the
24 permittees will provide us with a revised watershed
25 management program.

1 We will also be completing our review of the
2 monitoring programs. We'll be continuing to provide input
3 to the 12 groups that are conducting the enhanced watershed
4 management program planning process.

5 And, with that I guess the last thing that I just
6 want to say before I close and I hand it over to the
7 presentations is this. I feel as though, sort of standing
8 here now looking back to November 2012 when you all adopted
9 this permit, you know, you put this watershed management
10 program/enhanced management program option in there. And in
11 part I feel as though it's like the stormwater program is
12 all grownup now.

13 And we're giving permittees the opportunity to
14 really think about the best way to achieve the water quality
15 outcomes that are required and I think that we're seeing
16 that happen. I think we're seeing that communities are
17 customizing based on their characteristics, their priorities
18 for open space and things like that. And I do think that
19 you'll see that as you hear from the permittees today, is
20 that they picked their groups based on geography and
21 similarities in their priorities. And I think that it's
22 really showing that this is an effective way to move
23 forward.

24 So, with that, I would just like to close and
25 start with the presentations.

1 CHAIR STRINGER: Great. Thank you very much.

2 MS. PURDY: Unless you have any last questions for
3 me?

4 CHAIR STRINGER: Do we want to ask questions now
5 or --

6 BOARD MEMBER GLICKFELD: Just one.

7 CHAIR STRINGER: Okay. A quickie and then I would
8 like to hold questions and conversations mostly for after,
9 because I really want to hear from the permittees and other
10 stakeholders.

11 BOARD MEMBER GLICKFELD: Right.

12 So of the ten individual submittals 70 percent of
13 them were deficient; is that right?

14 MS. PURDY: Yes, that's right.

15 BOARD MEMBER GLICKFELD: What are we going to do
16 about that?

17 MS. PURDY: Well, so that's -- I should have taken
18 a little more time to explain what that means and I'm glad
19 you asked that question.

20 So what that means is that those seven cities are
21 now on what we call the "Baseline Program" of the permit, so
22 they will be implementing the standard requirements of the
23 permit. And they will be subject to the receiving water
24 limitations and the water quality-based effluent limitations
25 that were put in to address TMDLs as they are put in the

1 permit. So they will be collecting monitoring data, and we
2 will be looking at that monitoring data to see whether they
3 are complying with the receiving water limitations and the
4 water quality-based effluent limitations that pertain to
5 TMDLs.

6 So, essentially, this was always one of the
7 options in the permit, of course, to follow the Baseline
8 Program. And we do have one permittee that from the very
9 beginning opted to follow the baseline program. And we also
10 said that if the watershed management program was not
11 submitted or not approvable, then the permittee would be
12 subject to the Baseline Program. Which I will say that for
13 many of the seven is essentially what they were proposing to
14 implement anyway, is the Baseline Program.

15 So what we called -- you remember we talked about
16 the minimum control measures? So it's the public education,
17 it's the construction program, the industrial and commercial
18 facilities program, the public agencies activities program,
19 the planning and redevelopment program. So they were,
20 essentially, proposing to implement the Baseline Program for
21 the most part. There wasn't really any customization that
22 was proposed of that program. But that is what this means,
23 is that they are now on the Baseline Program.

24 BOARD MEMBER GLICKFELD: But they are on deadlines
25 to comply with the TMDLs as well?

1 MS. PURDY: Yes as well. Where there are
2 deadlines to comply with TMDLs that that city is subject to,
3 they are subject to those deadlines. And the other
4 permittees are subject to those deadlines as well, but what
5 they have done through the watershed management program
6 process is they have modeled the watershed control measures
7 they are proposing to show that those watershed control
8 measures will meet those deadlines, basically, that are in
9 the permit.

10 CHAIR STRINGER: Great. Thank you.

11 So there will be more time for questions
12 afterwards.

13 So the way we are structuring the next phase of
14 this is we're going to hear first from the individual
15 permittees and their presentations. One group of individual
16 permittees will be the subject of one presentation. We are
17 going to give that group ten minutes. The rest of the
18 individual permittees will be given five minutes each. And
19 then after that we're going to go into the group WMP
20 presentations and they will each have five or ten minutes or
21 so.

22 So I always like to say you don't have to use all
23 the time you're allotted, but we do look forward to hearing
24 from you.

25 So first is El Monte.

1 MR. SUHER: Good afternoon. My name is Ed Suher I
2 am with CASC Engineering and Consulting. And I am here to
3 make a short presentation on the draft watershed management
4 program for the City of El Monte, obviously.

5 And I rarely get this opportunity to blow my own
6 horn, but it was my program that did the initial monitoring
7 upfront, so maybe this is the first time in my life that
8 Renee set me up with that. So, anyway --

9 CHAIR STRINGER: Don't count on it.

10 MR. SUHER: As she's pointed out, we didn't have a
11 lot of other data to go on. So it wasn't entirely my
12 decision, but we had some very forward-thinking people at
13 the City of El Monte in Public Works and they said, "Hey,
14 how about we go out and collect some data first to see where
15 we are?" And so we did that, so guess where I was last --
16 the day after Christmas?

17 Anyway, next slide. Obviously, we are an
18 individual WMP or watershed management program, whichever
19 you want to use. Our watersheds are the Los Angeles River
20 and the San Gabriel River and our principle receiving waters
21 are the Rio Hondo, Legg Lake, and the San Gabriel River.
22 This gives you a little depiction of where we are.
23 Obviously, the City of El Monte is tucked up against the
24 San Gabriel River on the east, but we have drainage to
25 Los Angeles River via Rio Hondo. You can see the 605 there

1 on the east.

2 The slide on the right -- or the map on the right,
3 rather, shows kind of what drains to where. And that's very
4 important in these watershed management program, where are
5 we draining to? The light colored red drains to the San
6 Gabriel River, a little darker portion there at the bottom
7 drains to Legg Lake, the rest of the portion drains to the
8 Los Angeles River.

9 EXECUTIVE OFFICER UNGER: Isn't it easier to point
10 out the top there?

11 MR. SUHER: Oh, yeah. Good, yeah. Now I've made
12 the slide a little bit busier. And now I am showing you
13 where the catch basins are, catch basins and where they
14 drain. These dark lines are the catch basin drain lines
15 within those drainage areas. And that gives you a little
16 better picture. And it gives us as a city and us as a
17 consultant to the city, a little better idea of where to
18 focus our attention for those BMPs that Renee was talking
19 about.

20 Now, here's the laundry list of the things for
21 Category 1. Renee mentioned that Category 1 includes the
22 TMDL pollutants. Well, here is the list of TMDLs that
23 affect El Monte and kind of our actions over here to the
24 right, at least in the graph mode. The water body's in the
25 middle column ad you can see, it's kind of a daunting list.

1 We have got our work cut out for us.

2 Pollutant Reduction Strategy. As Renee again
3 mentioned, there's been a good deal of modeling going on,
4 that's gone on to help us decide what pollutants are of
5 concern, where they are, what the concentrations are, if
6 we're above limits, below limits. And also then the
7 monitoring is going to help us with that too, so we can --
8 as we do monitor, we can determine exactly if we're making
9 headway.

10 We'll generate some maps to guide that
11 implementation and again target those hotspots. Where do we
12 need to focus our attention first? Obviously install in the
13 watershed management program case for El Monte distributed
14 BMPs. We don't have a large regional project and/or
15 retrofit existing BMPs. Another thing would be to deal with
16 our non-structural BMPs. And those are things that we could
17 enhance, like it was mentioned, enhanced street sweeping,
18 maybe changes or modifications to ordinances, things like
19 that.

20 Going on to more watershed control measures, the
21 city adopted their LID ordinance back in June. They
22 implemented their Green Streets policy. Their minimum
23 control measures are under review for possible
24 customization. We have identified already some structural
25 BMPs that we think will work for the pollutants that we have

1 and the ones that we want to remove, obviously. Again, those
2 will be targeted for the highest pollutant concentration
3 areas first. And then things like eliminate over-watering
4 and, again, just these non-structural things that we can do
5 as a city -- or as a community that will help us eliminate
6 some of these pollutants.

7 It just goes without saying that if you eliminate
8 things like over-watering, you've solved part of the problem
9 right there. Things don't get carried to the storm drains.

10 Outreach and stakeholder input. It was already
11 mentioned that there are comments from various
12 organizations. We have received comments from Heal the Bay.

13 We have received a public comment and I believe that was
14 Joyce Dillard. Our city departments are talking. They are
15 receiving training on what are the elements of this
16 watershed management program. It's something new to them,
17 but yet it's not, because some of the elements are kind of
18 the same they have been seeing in other permits.

19 The citizens are being educated and notified.
20 That's part of this little thing down here. I thought it
21 was kind of cute. The City of El Monte put together a
22 little DVD and sent it out to all of their citizens. It
23 doesn't deal primarily with stormwater, but it does touch on
24 it and it gives them other ideas on how they can help.

25 And also we're involving local organizations and I

1 think I got a couple more. We did a project in Lambert
2 Park, which was part of Rio Hondo/San Gabriel River
3 Watershed Enhancement Project and it's now completed, porous
4 pavers, a well for the tree there and landscaped swales that
5 will allow for infiltration of stormwater.

6 And I think that's it, all we wanted to touch on
7 for today. All right, thank you very much.

8 CHAIR STRINGER: Thank you very much.

9 The City of La Habra?

10 MS. PURDY: They're not here.

11 CHAIR STRINGER: Sorry, they're not here.

12 MS. PURDY: They actually are just going to be
13 listening today.

14 CHAIR STRINGER: Oh, okay. Okay, good to know.
15 Walnut?

16 MR. HOWING: Good afternoon, Mr. Chairman and
17 Board Members, my name is Cody Howing. I am with RKA
18 Consulting Group, and I'm here on behalf of the City of
19 Walnut to discuss the city's watershed management plan.

20 I'd first like to say that the city is looking
21 forward to working in partnership with the Los Angeles
22 Regional Board and also other permittees in a partner --
23 excuse me -- to improve water quality in the region.

24 To give you some background information on the
25 city: The City of Walnut is located 20 miles east of

1 Downtown Los Angeles in the San Gabriel Valley, just west of
2 the 57/60 and 57/10 freeway interchanges. The city has a
3 population of approximately 30,000 residents, and a
4 jurisdictional area of roughly nine square miles.

5 Land use in the city is primarily devoted to
6 residential use, heavily in the single-family residence
7 development. That accounts for 65 percent of the city's
8 area.

9 There's also a fair amount of open space, which
10 accounts for 29 percent of the city's area. I would like to
11 note that this open space is typically concentrated at the
12 top of the city's catchment areas and does not provide much
13 opportunity for water treatment benefits. The remaining
14 land uses in the city are four-and-a-half percent for
15 commercial/industrial, and one-and-a-half is zoned for
16 agricultural use.

17 The city elected to develop an individual
18 watershed management plan and submit in OI (phonetic) to the
19 Regional Board and staff on June 27, 2013. The city is
20 located within the San Gabriel River Watershed and primarily
21 drains through Reach 1 of the San Jose Creek, then it
22 connects to Reach 3 of the San Gabriel River, and eventually
23 flows to the Pacific Ocean. Co-mingling of the city's
24 stormwater runoff is limited due to the city's location and
25 proximity to the San Jose Hills. The hills limit other

1 jurisdictions' stormwater from entering the city.

2 Currently, the city is subject to the San Gabriel
3 River's levels TMDL. And to give you an idea of the
4 pollutant categorization, Category 1 pollutants that the
5 city has identified are lead and selenium. There's also a
6 number of Category 2 pollutants that the city is subject to;
7 however, to make things short, bacteria is the primary focus
8 of this watershed management plan, with the understanding
9 that all the other pollutants will follow suit with
10 treatment towards bacteria.

11 As part of the watershed management plan
12 development the city conducted watershed pollutant modeling
13 in accordance with the Los Angeles Regional Board's
14 Reasonable Assurance Guidance document. The watering --
15 excuse me. The watershed modeling software utilized was
16 WMMS and SDPAT to form that analysis.

17 Results from the Reasonable Assurance Analysis
18 yielded a combination of structural and non-structural BMPs
19 necessary to achieve the modeled requirement of reduction.

20 The city's strategy to attaining compliance is a
21 multi-pronged approach. Programs focusing on education and
22 community outreach will help the city meet the load
23 reduction -- excuse me, help meet the city's load reduction
24 goals in addition to the structural BMPs that are proposed.

25 Structural BMPs that were modeled included a mix

1 of localized Green Street types of BMPs, be it infiltration
2 and infiltration when available. These BMPs will be
3 distributed throughout the neighborhood, and it is the
4 intent of these localized BMPs to enhance water quality,
5 limit the need for additional irrigation, and enrich
6 localized communities that they are placed in.

7 Additionally, there were some larger-scale
8 centralized BMPs that would treat neighborhoods that were
9 also modeled to supply the remaining reductions necessary
10 for full compliance.

11 The city submitted its draft watershed management
12 program to the Regional Board staff on this past June. And,
13 currently, the city has adopted the LID Ordinance and Green
14 Street policies in accordance with the permit requirements.

15 The city continues to maintain the existing NPDS
16 requirements and programs from the previous permit, and is
17 preparing to implement new programs and requirements once
18 the new draft is adopted.

19 With that, the city is looking forward to
20 receiving comments from the Regional Board staff and moving
21 on towards adoption and implementation of the city's draft
22 watershed management plan. Thank you.

23 CHAIR STRINGER: Thank you very much. We
24 appreciate it.

25 Next, I believe, Mr. Tahir is here to speak on a

1 number cities, so if we could set up ten minutes for Mr.
2 Tahir, that would be great.

3 MR. TAHIR: Can Mr. Tahir get 15?

4 CHAIR STRINGER: Let's start with ten, and see
5 what --

6 MR. TAHIR: Do you know why?

7 CHAIR STRINGER: Well, if you've got specific
8 things to specific cities, but my assumption is that you've
9 got a lot of things in common among all of those cities that
10 you may have.

11 MR. TAHIR: Yeah, but four of my cities are in
12 the -- are in separate watersheds. I have some cities on
13 Dominguez Channel and some that lead to the Rio Hondo and
14 some in the San Gabriel River. And beyond that, I need to as
15 you've probably guessed, on all seven where the submittals
16 were being done are deficient I need to explain why that is
17 the case.

18 So if I could get 15 minutes, I would really
19 appreciate it.

20 CHAIR STRINGER: Okay. Let's set it or 15.

21 MR. TAHIR: Thank you, sir. I appreciate it.

22 Okay. I'm also prepared for Carson, Compton,
23 Gardena, Lawndale, Irwindale, South El Monte, and West
24 Covina. The MS4 permit, as you know, provides the
25 compliance options as IWMP and EWMP. We opted for the IWMP

1 because (pause) Well, one of the downsides -- well, we
2 opted for the IWMP over the EWMP even though it carries the
3 disadvantage of providing limited compliance with TMDLs.

4 As you know, the WMPs only allow compliance with
5 interim waste load allocations to the implementation of that
6 program. Another concern that we have is this whole notion
7 of the safe harbor, which is supposed to provide immunity or
8 forgiveness in the event of an exceedance detected.

9 In this instance, we agree with the
10 environmentalists and NRDC in particular that there's no
11 such thing as a "safe harbor" that forgives violations. We
12 believe that the iterative process is the device that's used
13 to provide protection while these programs are being
14 implemented. And if there is an exceedance detected at the
15 outfall of the receiving water, then the iterative process
16 kicks in. The iterative process does not forgive
17 violations, it preempts them. And that's clearly stated
18 in -- actually, part 5(a)(1) through (4) in the permit,
19 which is based on State Water Board Order 99-05.

20 Here is what we propose. These are the, as Renee
21 noted, these are the basic programs we propose, these are
22 our Baseline Programs. However, we have modified these
23 SCREMTS (phonetic) to revise -- to reflect the changes of
24 each of the six programs that have been enhanced under the
25 current permit. And these include, Green Streets for the

1 Public Agency program and LID for development and planning.

2 GOWIN (phonetic) also reflects subwatershed
3 considerations such as TMDLs, real versus pseudo-TMDLs. For
4 example, Region 2 of the Rio Hondo is not subject to the
5 metals or trash TMDL because none of these pollutants are on
6 the DLTD (phonetic) list. We got criticized for that, but
7 this is an explanation of why we had to do what we did.

8 Cities, by the way, are not -- and this is a
9 comment that came from the environmental, cities are not
10 subject to hydromodification because they all drain to flood
11 control channels that have hard walls that prevent
12 streambank (inaudible).

13 The type and the extent of BMPs needed to meet the
14 TMDL waste allocations and other numeric water quality
15 standards is to be determined through a computer modeling,
16 which we have already done, by the way.

17 Adding more project categories to the LID list,
18 for example, requiring existing adjusted commercial
19 buildings to allow rooftop runoff areas to areas of
20 implication, improving parks and vacant properties within
21 cities so as to function as runoff collection areas.

22 The iterative process is meant to achieve water
23 quality standards over a period of time as noted in the
24 draft North Orange County and (inaudible).

25 Now, here's the basic iterative process that we

1 have laid out. It's based on the problem/resolution cycle.
2 We implement the stormwater management plan -- watershed
3 management program plan. We evaluate the effectiveness with
4 annual outfall monitoring against ambient standards. We
5 record all five exceedances for TMDL wasteload allocations.
6 We try to identify the cause of the exceedances and if the
7 city has control over the sources. We report those
8 exceedances to the Regional Board and discuss revisions to
9 the SWMP EWMP (phonetic) plan to be incorporated into the
10 MS4 permit.

11 Based on modeling results and recommended
12 revisions to the SWMP EWMP, that will be made on the next
13 (inaudible).

14 Computer modeling. The type and extent of the
15 BMPs needed to meet TMDLs wasteload allocations and other
16 numerical water quality standards will be determined through
17 computer modeling. For example, adding more project
18 categories to the LID list.

19 Computer modeling has resulted in demonstrating a
20 every once a week remodel, and demonstrated that cities are
21 meeting TMDL wasteload allocations between 70 and 77 percent
22 based on assumed values assigned to the Stormwater
23 Management Program that will reduce pollutants 15 TMDL
24 wasteload allocations.

25 These are based on estimates, to be sure.

1 However, what's going to provide more precise information is
2 future modeling based on outfall monitoring results, instead
3 of in-stream monitoring, measured, once again, against
4 ambient standards, which would reveal a more accurate TMDL
5 compliance picture for each of the cities.

6 In fact, we believe it would have been advisable
7 to defer the computer modeling after each of the cities'
8 MS4s have been characterized based on outfall monitoring.

9 As Renee indicated, we have very little data on
10 outfall monitoring. That's because in the previous MS4
11 permits compliance was determined -- incorrectly determined
12 in the receiving water. Now, we're going to do outfall
13 monitoring, and once we do the outfall monitoring, we're
14 going to check to what extent we are or are not meeting
15 TMDLs and other water quality standards. And once we
16 accomplish that, then we'll figure out what the solutions
17 are.

18 So getting back to NRDC'S or Heal the Bay's
19 comments about our -- my city is not being subject to
20 hydromodification. They're not. All of the cities have hard
21 walls. This is Compton Creek. You can see here the walls
22 are hard. And there's a soft bottom, as the NRDC and Heal
23 the Bay have noted. But the hard walls are to prevent
24 streambanking erosion. That's the whole purpose of
25 hydromodification. Having a soft bottom doesn't make any

1 difference.

2 Some other concerns that were raised, not only by
3 the NGOs but by the Regional Board -- and one of the other
4 things why we couldn't comply completely with the WMP
5 requirements is that we made a number of challenges against
6 requirements of the WMP. Those challenges are reflected in
7 administrative petitions that were filed with the State
8 Board a year and a half ago. And, as you probably know, the
9 State Board is going to issue a tentative order on our
10 administrative petition claims probably within the next four
11 weeks.

12 Now, some of the arguments that we raised are
13 reflected in our WMP, which do not, of course, comply with
14 some of its requirements include there is no clear iterative
15 process that's laid out in the WMP. And you have to have
16 the iterative process per 99-05.

17 We believe that the State Board is going to issue
18 a tentative order to come up with some sort of variation of
19 the iterative process for both the WMP and perhaps the EWMP.
20 It's going to be tough for the EWMP, but easier for the WMP.

21
22 Another issue for the cities is that we're only
23 required to comply with ambient and dry-weather standards,
24 not wet-weather standards. There's no such thing as
25 wet-weather standard per Water Quality Order 2001-15. For

1 the cities that are only required to comply with dealing
2 with TMDLs (inaudibles). I mentioned before, it's an
3 argument that we raised in our administrative petition.

4 Beyond that WQBELs cannot be the same as TMDL
5 wasteload allocations. This is because they translate
6 wasteload allocations into compliance actions, such as, BMPs
7 and surrogate parameters. This will aid in voiding the WMP
8 and EWMP, which should be covered by WQBELs but are not. A
9 WQBEL and a wasteload allocation cannot be the same. This
10 is per USCP guidelines.

11 The State Board indicated that the tentative order
12 will be, as I've mentioned, mid-November and so we should
13 know where our petitions stand.

14 For the Regional Board to reject a WMP -- and this
15 is what's already been done -- staff has opined that the
16 cities would be subject to a SWMP minimum control measure,
17 which require absolute compliance with TMDL wasteload
18 allocations. However, the permit under section VA (1)
19 through (4) makes it clear that the SWMP implementation in a
20 timely and complete manner together with permittee's
21 appropriate to response to reporting and responding with
22 exceedances prevents receiving water limitations. No such
23 provision exists for the WMP or the EWMP.

24 Now, the Executive Officer, as you know, has
25 denied our submittals. This means that compliance defaults

1 to Stormwater Management Program. But Regional Board staff
2 has concluded this option requires absolute compliance with
3 the TMDLs, but the permit clearly says that compliance will
4 be determined by implementing the SWMP which is subject to
5 the iterative process.

6 The staff disagrees for what are not compelling reasons.

7 Now, if you look right here, right in the permit
8 it says under "Receiving water limitations."

9 "This (inaudible) the cause that contribute to the
10 violation of receiving waters limitations are prohibited.
11 The permittees shall comply with part (a)(1) and (2)..." --
12 by the way, that has to do with nuisances "...through the
13 timely implementation of control measures and other actions
14 to reduce pollutants and discharges in the accordance with
15 the Stormwater Management Program and its components and
16 other requirements that support it including any
17 modifications.

18 "The Stormwater Management Program and its
19 components shall be designed to achieve compliance with
20 receiving water limitations. If exceedances of limitations
21 persist despite implementation of the Stormwater Management
22 Program and its components and other requirements of the
23 order, the permittee shall assure compliance with a
24 procedure that they adopt in the permit."

25 It's real clear.

1 I should point out, Mr. Yee, that the Ventura
2 County MS4 (phonetic) permit has the same language. And, by
3 the way, your county is also subject to TMDLs. It is not
4 subject to absolute compliance with wasteload allocations on
5 an interim -- I'm sorry -- on a final basis.

6 So that's exactly why, folks, our submittal was
7 kind of deficient. But what we intend to do, is once the
8 order is issued, if all of our arguments are denied, what we
9 plan to do is correct the (inaudible) to be in keeping with
10 WMP requirements and resubmit them to you for your approval.

11 But we cannot submit a plan that advocates
12 complying with things that we've objected to because it
13 undermines our legal argument. We just can't do that. So
14 we're hoping to get clearer information in another four
15 weeks. And once that happens, we can figure out what
16 whether we're good to go.

17 CHAIR STRINGER: Thanks.

18 MR. TAHIR: Thank you, sir. I appreciate it.

19 CHAIR STRINGER: If you could for the record just
20 state which cities you --

21 MR. TAHIR: Oh, I apologize, sir.

22 CHAIR STRINGER: No worries. Maybe you did, and I
23 missed it.

24 MR. TAHIR: No, here it is.

25 CHAIR STRINGER: City?

1 (Colloquy between Board Members and staff)

2

3 MR. TAHIR: You know, I thought I did. But,
4 anyway Carson, Compton, Gardena, Lawndale, Irwindale, South
5 El Monte, and West Covina.

6 CHAIR STRINGER: Okay. I just wanted to make sure
7 that that was on the record.

8 MR. TAHIR: Okay. Got it. Thank you, sir. Thank
9 you for your patience.

10 CHAIR STRINGER: All right. Thank you.

11 So moving on to the Group WMP presentations first
12 up is SMB Jurisdictional Group 7, which is an area within
13 the city of L.A.

14 (Colloquy between Board Members and Speaker)

15 MR. KHARAGHANI: Good afternoon, Mr. Chair, Board
16 Members, Mr. Unger, Mr. Smith, and everyone (inaudible). My
17 name is Shahram Kharaghani. I am the Watershed Protection
18 Manager for City of Los Angeles.

19 As you know, this city currently is leading in
20 four watersheds to create more enhanced watershed management
21 plans. But there is a piece of about 1,000 acres of the
22 city, Palos Verdes, that we decided to do watershed
23 management plan.

24 Very briefly, I will go over the outline as you
25 had requested. This is the metrics of the watershed for us,

1 for the City of L.A., is approximately about 1,000 acres, as
2 you see, and is about 17 percent of Jurisdiction Number 7.
3 And we are partnering with L.A. County Flood Control,
4 because they have pipes in that jurisdiction. And our
5 receiving water is the Santa Monica Bay.

6 The TMDLs of concern for us right now, this is the
7 site of (inaudible), so we are auditing compliance with
8 bacteria, but we have to make sure that our programs and our
9 projects are going to keep us in compliance. So that's what
10 Jurisdiction 7, for us, that 1,000 acres is all about.

11 As far as categories is concerned, for Category 1,
12 as you see, we have the both dry- and wet-weather activity
13 in there. And we have the Santa Monica Offshore and
14 (inaudible). Those are the dates that you see. And then we
15 have the Santa Monica Toxics, PCBs, and BDTs. That's the
16 EPA TMDL so there's no date, but we are working with your
17 staff to create that plan as well.

18 As far as Category 2 is concerned, there is no
19 TMDLs on that for us for that 1,000 acres.

20 And Category 3, based on our monitoring, we have
21 not seen an exceedance thus far.

22 Based on as far as the strategy above, we're
23 obviously in compliance with -- based on our monitoring of
24 bacteria already and. As far as the trash is concerned, we
25 are having a strategy working with your staff to basically

1 cover the catch basins that we have both with screens and
2 insert to make sure we are in compliance. And we are -- we
3 are going to be ahead of schedule based on the number of
4 catch basins we have. And we are maintaining the toxicity
5 compliance by just monitoring it.

6 As far as the LID is concerned, we have had
7 already LID for the longest time. Back in 2000 and -- which
8 we have provided you the ordinance and also a threshold of
9 almost zero. Anybody that does any development or
10 redevelopment in the city, we require them to do something
11 if you have 500 square feet, which is much, much lower than
12 the permit.

13 And I should also share with you, there is
14 currently a motion by Councilmember Fuentes that we are
15 working on to create mandate ordinance for every street in
16 the city for reconstruction and resurfacing, whether it is
17 public or private, to also apply to LID ordinance. I am
18 drafting that, and we are hoping that with help of all of
19 you here and people behind me who have that ordinance, also
20 adopted, very soon.

21 We have provided, obviously, we are doing the
22 minimum control measure that we have in this city as far as
23 enhanced street sweeping, catch basin cleaning, outreach.

24 As part of the enhanced watershed management plan,
25 we have had a number of workshops. One of them took place

1 in L.A. Zoo on the intent that we receive input on our
2 watershed management plan and also our enhanced watershed
3 management plan. And the next one, which I also invite
4 everyone behind me and also you, there's going to be another
5 one November 20th to also receive more input. And it is
6 going to be also in the L.A. Zoo same time 9:00 to 12:00.

7 In summary, as you see, we are meeting all the
8 Category 1 TMDLs that we have. And we are doing more
9 extensive monitoring. Our monitoring quantity is about
10 2,000 per year; but just for that 1,000 acres based on, you
11 know, the coordinated monitoring that we have submitted, we
12 are going to go -- the cost of that would go to 330,000. So
13 we are doing extensive monitoring. And as we get the
14 information, we will be sharing that, of course, with you
15 and everyone else who is interested.

16 And that concludes my presentation, Mr. Chair.

17 CHAIR STRINGER: Thank you very much.

18 Lower Los Angeles River. My list has you down for
19 ten minutes; is that right?

20 MS. PURDY: I just wanted to let you know the
21 Lower Los Angeles River, the Los Cerritos Channel Group, and
22 the Lower San Gabriel River are going to make, essentially,
23 a seamless joint presentation for 30 minutes.

24 CHAIR STRINGER: For 30?

25 MS. PURDY: Right. Ten minutes each.

1 CHAIR STRINGER: Okay. Do you need that much
2 time?

3 MR. MYRTER: We'll try to be faster than that.

4 CHAIR STRINGER: Okay. Yeah. I mean, don't -- we
5 want to hear from you.

6 MR. MYRTER: I understand.

7 CHAIR STRINGER: But don't feel obliged to use it
8 all.

9 MR. MYRTER: Mr. Chair, Members of the Board, I'm
10 Steve Myrter, Department of Public Works Director for the
11 City of Signal Hill, and I'm also the Chair of the Lower Los
12 Angeles River Watershed Committee. And, today, I am leading
13 off the joint presentation of three watershed tactical
14 groups. Also, we represent a major portion of the gateway
15 area of Los Angeles County, along with our partner, L.A.
16 County Flood Control District.

17 Of course, as shown on the screen, Lower Los
18 Angeles River Watershed, which is chaired by myself; Los
19 Cerritos Channel, which will be later in the presentation
20 and chaired by Anthony Arevalo, the chair and also the
21 Stormwater Ordinance Officer for the City of Long Beach; and
22 Lower San Gabriel River Watershed Committee, chaired by
23 Adriana Figueroa, who is with the City of Norwalk's City
24 Manager's Office.

25 And, essentially, I will be using the next set of

1 slides to further detail the hard work and collaboration
2 efforts among the city watershed' cities that have went into
3 the development of these WMPs, followed by an overview of
4 the Lower Los Angeles Watershed Management Plan presented by
5 John Hunter, John Hunter and Associates.

6 From there the presentation will be handed off to
7 Tony Arevalo to present the overview of the Los Cerritos
8 Channel WMP.

9 And finally, the presentation will be handed off
10 to Adriana Figueroa to present the overview of the
11 San Gabriel WMP.

12 Okay. As shown here, really this effort has been
13 a collaborative effort. I want to emphasize that.
14 Seventeen cities and our partner, Los Angeles County Flood
15 Control, of course, we have the three watersheds we worked
16 on, even though there were individual committees, a lot of
17 the cities share these watersheds. So it was a very
18 collaborative effort. And these are also formal -- these
19 committees were formalized with MOUs with Gateway Water
20 Management Authority, adopted by all our city councils.

21 This shows the map itself. We are up -- down on
22 the southeast area of L.A. County, as you can see, three
23 watersheds there. And multi-watershed cooperation was one
24 of my -- I'm talking about consistency. We realized early
25 on that it would be a more efficient process to collaborate,

1 and we all overlapped the various watersheds in the various
2 cities. And ease of implementation using simple
3 methodologies, computer modeling, watershed control measures
4 were used throughout the watersheds in consistency. And, of
5 course, this resulted in cost savings, a significant cost
6 savings.

7 Of course, these efficiencies, were kind of
8 highlighted here, used the same WMP development team, agreed
9 to do the same watershed database, which is a very
10 complicated database. And, of course, we all worked
11 together to create prescreened LID templates, which we have
12 all adopted -- we'll talk about that later -- and entered
13 into long-term MOUs as well. So we formalized all these
14 groups. And, again, we have established committees and
15 developed WMP for not only development but implementation.

16 Now, I'm going to go straight into the watershed
17 and the technical watershed group for L.A. River, Lower Los
18 Angeles River, and I'll present the first two slides. John
19 Hunter of John Hunter and Associates will kind of follow
20 with the technical aspects of the program.

21 Of course, this is -- we've been meeting as a
22 group since 2009. We represent eight cities, as shown here:
23 Downey, Lakewood, Long Beach, Lynnwood, Paramount, Signal
24 Hill, Pico Rivera, South Gate, and our partner Los Angeles
25 County Flood Control. And at this point, I will turn it

1 over to John.

2 MR. HUNTER: Thank you, Steve, Members of the
3 Board.

4 My name is John Hunter, and I will continue for a
5 few moments and I will try to be as brief as I can.

6 Just a few items, achievements to date: More than
7 90 percent of our catch basins have been retrofitted with
8 either the full capture trash screens or the automatic
9 retractable screens or a combination of both. That's a
10 total of over 7,300 systems that have gone in. And cities
11 are now spending over a half a million dollars a year just
12 on maintaining those. Because of the tightness of the
13 screens, we have to clean them out much more frequently to
14 prevent flooding.

15 The Board has seen this slide before. It's the
16 Dominguez Gap, but it is within our watershed, that drains
17 an area -- it's a wetlands operated by Los Angeles County
18 Flood Control, it drains an area of 2500 acres. So we have
19 a very efficient item there.

20 We have the South Gate Azalea project, which,
21 again, the Board has seen this slide before, where that
22 regional shopping center has a huge underground infiltration
23 system there.

24 So we are moving forward. We have got hundreds of
25 small- to mid-sized local low-impact development projects

1 throughout the area. And this is despite the fact that we
2 are economically disadvantaged. I won't go into the details
3 on this, but red is severely economically disadvantaged;
4 yellow is bad; white is "I guess it's okay."

5 But you can see that right down on the left side
6 of that is the L.A. River. So we have been moving forward
7 despite economic challenges.

8 We did divide the -- our water quality priorities
9 into three categories. And I won't go into too much detail
10 on this. I will say this -- and I apologize, I knew this
11 slide would be too hard to read, it's also kind of complex,
12 but it's really a nice chart. And, basically, on one slide
13 puts all of our water quality priorities together so you can
14 see how everything is related.

15 If you look at L.A. River Reach 2 in blue up the
16 top, you've got an item there you might not be able to read
17 that says "oil." That is exclusive to that. But if you
18 look down further, you see nitrogen compounds, trash,
19 metals, bacteria, that is common to all of them. So one
20 look at this chart and you know what all of the priority
21 groups are for all of the tributaries. And just for -- to be
22 clear, we left the Category 3 off this because it would make
23 the chart far too complex.

24 We are -- we did use the Reasonable Assurance
25 Analysis. We followed the Watershed Management Modeling

1 System, which is a USEPA approved and it was one of the
2 systems permit -- authorized by the MS4 permit. At the end
3 of the day, when we finished that, zinc was identified as
4 the primary pollutant. And what that means is that if we
5 design everything for zinc, everything else gets taken care
6 of. So that's kind of our target.

7 This is what we call our Compliance Queue. It
8 basically shows you how much water the RAA says we have to
9 capture or equivalently treat. And since oftentimes cubic
10 feet and acre feet are not readily conceptual to -- well,
11 it's hard to visualize -- 262 million gallons of runoff.
12 And you can see the two people there to kind of give you a
13 reference. That's not the two people. That little arrow
14 points to the real two people, and that's how much water we
15 have to capture.

16 We have looked at potential projects. And this
17 one here is only for the City of Downey, and this is only
18 for the L.A. River portion. Downey is one of the cities
19 that's in three watersheds, so their -- they have got an
20 equivalent chart for all the other watersheds. But
21 we show -- you know, these are potential projects for
22 potential capture. We did come up with a cost there, and it
23 was staggering. We did take a look at how much it was gonna
24 cost to capture all that water, and we looked at real
25 projects. Some of these projects on that chart have been

1 built, others I don't believe have been. But they all have
2 been costed by engineers for budgetary purposes.

3 And we came up with a per-acre foot. If we assume
4 two thirds would be regional projects, the remaining one
5 third would be Green Street type projects, and we came up
6 with another formula not shown that says, if we assume some
7 are big, some are small, some are mid-sized, we came up with
8 a cost that could be as much as 293 million to capture all
9 that water.

10 Large projects have a long lead time. If we were
11 to start one of the things, like the Dominguez Gap, like we
12 showed you today, it would not be built for years. So what
13 are we going to do in the meantime? We are going to -- the
14 WMP calls for implementing control measures. And I want to
15 draw your attention to the note. Let me see if I can work
16 this correctly -- yes. Right there. For all three
17 watersheds, these are above and beyond the minimum control
18 measures that are in the permit. So we are doing all of
19 these extra, extra items.

20 And I do want to draw your attention -- I don't
21 want to steal the next speaker's thunder, but copper
22 reduction through implementation of SB 346, Rich Watson, who
23 will be talking in the next segment has a -- will make a
24 nice presentation on that.

25 But all of these are things that we have in the

1 WMP that are in addition to what is specified in the MS4
2 permit. Won't spend any time on this. We've all adopted
3 the LID or the Green Streets. One caveat that will be
4 repeated, Long Beach is doing their Complete Streets, and
5 they are under a different permit cycle, but their Green
6 Streets will be incorporated in that.

7 Just real quickly, we're doing a ton of control
8 measures, progressive enforcements written into the WMP. We
9 have an integrated test management template that's written
10 into the WMP. We have enhanced construction programs. We
11 have non-stormwater reporting measures.

12 We're also proposing to prioritize, if cities want
13 to, inspections. So instead of getting every inspection all
14 the time -- and I can see I'm running out of time, so I'm
15 going to probably close up really super quick. If cities
16 want to do an inspect -- hit the high priority sites five
17 times instead of once a year and do less on the low priority
18 sites, that's in there.

19 And public participation, we did send out this
20 notifying interested parties, and on May 1st, 2014, we had a
21 public stakeholder meeting.

22 And with that, I will turn it over to Mr. Arevalo.

23 MR. AREVALO: Thank you.

24 Good afternoon, Chairman Stringer, Members of the
25 Board, Mr. Sam Unger, and your staff.

1 Now, we're switching off to me to talk about the
2 Los Cerritos Channel. A lot of the things that both Steve
3 and John talked about have -- are very similar to what's in
4 this Los Cerritos Channel, so you might see some duplication
5 going on.

6 So with that, I want to show you our portion of
7 it. I don't know how clear it is for you, but the yellow
8 portion is the Los Cerritos Channel (inaudible). It's in
9 between the Lower Los Angeles River and the San Gabriel
10 River.

11 Our watershed involves the City of Bellflower,
12 Cerritos, Downey, Lakewood, my city of Long Beach,
13 Paramount, Signal Hill, and the Los Angeles County Flood
14 Control District. We wanted to take pictures so that you can
15 see that we're real people that were out there. So some --
16 you're going to see duplications, some of them, but -- and
17 we're all trying to look really busy and stuff. But that's
18 to show you that we're there.

19 So, now, the thing about our identification of
20 water quality priorities, we had an opportunity that we have
21 run monitoring data on this. So in getting this data for
22 the last ten years, we were able to put together a list of
23 what our priority pollutants are, such as, our highest
24 priority pollutants, that include metals and a few legacy
25 organics, such as, DDTs and PCBs. Another -- the next

1 priority, a high priority of pollutants such as bacteria,
2 trash. And the medium-priority pollutants, which are MEAs
3 and enterococcus.

4 One thing we also want to point out is our
5 acknowledgement of our milestones of the drainage areas that
6 are served by our MS4 and the effective dates as to when
7 we'll be meeting the wasteload allocations for dry weather,
8 which is 30 percent in September of 2017, 70 percent in
9 September of 2020. As well as for wet weather, which is ten
10 percent by September 30, 2017, and 35 percent by September
11 30, 2020.

12 Now, here's our queue. We have the largest area
13 that if we had to go for compliance, if we had to treat,
14 make the equivalent of treating, how much water it would be.
15 We have 592 acre feet that we have to deal with. And, as
16 you can see, what John was relating to, that's little people
17 and that's how much water we have to deal with in dealing
18 with that.

19 So, with that, I am going to turn this over to
20 Rich Watson, who's going to go into detail on our strategy
21 on what we could be doing with this as well.

22 MR. WATSON: Thank you, Tony.

23 I am going to talk a little bit about this slide,
24 about what our improvement strategy -- as Renee mentioned,
25 we were using a multi-pronged strategy, and our case

1 initially focused on source control, runoff management, and
2 some work on total suspended solids. I'll say more about
3 that in a minute. But the strategy also includes LID, Green
4 Streets, Stormwater Capture and Treatment.

5 And a particular emphasis for us at first is true
6 source control for metals. I am going to say a little bit
7 more about that in a second. You've heard about SB 346.

8 The second one is zinc in tires. And that has to
9 do with the safer consumer product regulations that were
10 adopted by DTSC and became effective last October 1.

11 We have actually already met with the tire
12 industry and the DTSC on this issue, and there's some work
13 coming out of CASC that will be published in the next two
14 months which will help provide some of the extra information
15 I think the staff wants.

16 And as I noted on here, basically, there is no
17 additional work required for LID. But we did get -- is this
18 the one that does it, or this one? No, this one. We did
19 get some great news this week. There's the Society of
20 Automotive Engineers is meeting -- they have an
21 International Brake Colloquium up in the Bay Area -- and
22 Ford -- this is a slide that came out of that -- Ford has
23 announced that by January 1, 2016, which is less than 16
24 months from now, every single F-150 will have copper-free
25 brake pads. And that's a major breakthrough. And I am

1 going to come back later and tell you more about this
2 colloquium and what's been said by other folks.

3 I do want to spend a little bit of time on this.
4 This is our hierarchy improvement -- or our water quality
5 improvement hierarchy. You can see the base of it is true
6 source control. And we've talked about copper a little bit.
7 Pesticides is also involved there. Zinc I have mentioned.
8 Trash, the State just took action on plastic bags.
9 Packaging becomes important.

10 We have been supporting the California Products
11 Stewardship Council, and we look forward to some possible
12 work with the air boards because they have got some
13 authorities that we don't.

14 Runoff reduction, continued water conservation.
15 In our case, it's been interesting. In 2009, we had
16 something like 2.35 cubic feet per second at the bottom of
17 the Los Cerritos Channel. Now we have half the CFS. So
18 water conservation has been really effective, particularly
19 by the City of Long Beach. If you saw the article in the
20 L.A. Times yesterday, they got called out for having a
21 particularly good program.

22 We're also looking at rainwater capture, lawn
23 replacement, et cetera. The TSS reduction, again Renee
24 mentioned the vacant lot ordinances, Signal Hill has agreed
25 to be the guinea pig and do a pilot for us. It's already

1 underway. They're looking at each of the seven
2 neighborhoods of that city, and going into very great
3 detail.

4 And one of the reasons we picked on Signal Hill is
5 because of the historic and current oil industry, a lot of
6 vacant land, and a hill is a hill, and water runs downhill.

7 So there's a potential for a lot of sediment, and so we're
8 starting here.

9 We're also working with the utilities and Caltrans
10 because they have a lot of sediment to contribute.

11 Under LID and Green Streets, obviously,
12 redevelopment and build-out watershed is much more important
13 than new development.

14 We're also now working with the Gateway Cities'
15 COG. They have a strategic transportation plan underway.
16 And as it turns out, that can be an opportunity plan for
17 planning and funding Green Streets. So we are working
18 closely with them.

19 Operational source control is sort of the
20 traditional cover and contain for industries, restaurants,
21 et cetera. And then the two -- capture and infiltration
22 where soils permit and where soils are not good, we think we
23 can use the water for irrigation, particularly in parks and
24 golf courses.

25 So every one of the cities has adopted the LID

1 ordinance. All but Long Beach has adopted the Green Streets
2 ordinance. They are under a different permit, so they will
3 be changing their Complete Streets program to a Green
4 Streets policy here shortly.

5 Minimum control measures. I don't think I need to
6 talk more about that. One thing we did do is make sure they
7 were consistent in all three watersheds. Because, as we
8 mentioned, there's a lot of overlap among the cities.

9 I have already talked about those particular
10 non-structural control measures, but I did want to make sure
11 they were listed in this particular spot.

12 But I do want to talk a bit about control measures
13 here. We're focusing on the water capture projects, could
14 cost as much as 332 million, particularly if we depend
15 entirely on the issue of stormwater capture. And using that
16 pyramid, if we are able to be successful in that lower base
17 areas, that will cut that 332 million.

18 So, right now, we are working primarily on three
19 sites. One of the things that's a critical element to this
20 right now is funding, and our watersheds are actually taking
21 the lead on that. The contract cities in the league have got
22 a study underway -- it's about to come out -- led by Ken
23 Farfsing, City Manager of Signal Hill. And the final --
24 it's on my computer right now. It will be out Monday.

25 This shows some of the initial projects that we're

1 dealing with. And you can't read that map, but I can point
2 to some of them. The numbers got -- oh, excuse me -- the
3 numbers got left off of here, but that's one, that's
4 Progress Park. But we're looking right now, there is a park
5 here in Lakewood, Mayfair Park. Caruthers Park right here
6 in Bellflower. And then we've got an interesting site right
7 down here in the Skylinks Golf Course in Long Beach. It
8 turns out that gold course is owned by the airport.

9 We went to the airport thinking we could do
10 something on their site. And they said, Do you realize that
11 we own the golf course?" And we said, No, but we are very
12 pleased to hear that. So we're actually looking at two
13 sites in the golf course.

14 Now I will turn it over to Adriana to discuss the
15 Lower San Gabriel.

16 CHAIR STRINGER: You've got one more slide.

17 MR. WATSON: Oops, I forgot about that. Thank
18 you. I do.

19 We, too, had a public participation meeting. This
20 was a joint meeting that we held with the Lower San Gabriel
21 River. We had about 20 people in the room. And it was,
22 actually, I think, a very productive session because we got
23 some good input back, particularly from some of the
24 environmental groups.

25 Thank you.

1 CHAIR STRINGER: Thank you.

2 MS. FIGUEROA: Thank you.

3 Mr. Chair, Members of the Board, my name is -- and
4 staff, of course. My name is Adriana Figueroa, and I'm with
5 the City of Norwalk but I am also the Chair of the Lower San
6 Gabriel River Watershed Group.

7 As Steve indicated earlier, our group has been
8 formed -- I'm sorry. Let me turn to this. Our group has
9 been formed -- I don't need to show you the map, you're
10 probably very familiar with the map -- was formed a few
11 years back. And we are formally established with an MOU.
12 So we are a very well structured group.

13 The Lower San Gabriel includes the City of
14 Artesia, Bellflower, Cerritos, Diamond Bar, Downey, Hawaiian
15 Gardens, La Mirada -- on and on and on. I am not going to
16 list them all. And our partners -- of course if I control
17 this -- so in total there is 14 agencies. And we do meet,
18 as Tony had indicated. It is real people. We do meet
19 monthly, and sometimes even more often than monthly, since
20 2011. And for those who are not able to attend physically
21 in person, we do accommodate them through conference call
22 capability, so we have input from all of our members.

23 We have followed again a very similar WMP
24 approach, or watershed management program approach. We have
25 the same Reasonable Assurance Analysis team, the computer

1 modeling that was indicated before, the same watershed
2 control measures team, and, of course, we are now employing
3 the same GIS-based watershed management database.

4 So with that, I am going to turn it over to John
5 so he can explain that complicated --

6 MR. HUNTER: Thank you, Adriana.

7 Just real briefly, you can just see if you compare
8 the two, it's a different shape. So we didn't do cut and
9 paste. We actually took the time to look at all the
10 different Category 1, 2, and 3 pollutants and the water
11 bodies and river segments that they are on.

12 That's our compliance queue. Ours is the least of
13 the group, and we attribute that to the fact that we have
14 less TMDLs and a lot more soft-bottom areas on our river
15 channels.

16 We have established water-capture targets, and we
17 broke them down by San Gabriel River area and Coyote Creek
18 area. And I just grabbed Norwalk's. For example, every
19 city has got a chart just like that says, you know, these
20 are your targets. So, for example, just to read off that
21 top one, for Norwalk and San Gabriel River, our ten-percent
22 milestone by 2017, we do not have to meet one. We are
23 already meeting that. The RAA predicts 35 percent by 2020.

24 We have to capture for Norwalk, San Gabriel River Watershed
25 .1 acre-feet. And it goes on -- and, like I say, this is

1 the same for all the cities.

2 We've listed all the potential project sites that
3 are available in these areas, and we are in the process of
4 doing our walkthroughs this coming year just to make sure
5 that when we say it's a potential site, that it is or, on
6 the other hand, it wouldn't be. Again, I won't reiterate
7 other than to say you've seen this slide before, just
8 different characters. LID and Green Streets being adopted.

9 You've seen this slide before many times, but
10 just to let you know Downey's Discovery Park is in the San
11 Gabriel River Watershed. Huge retention basin. And, again,
12 this same flyer went out because it was a Los Cerritos and
13 Lower San Gabriel River stakeholder meeting.

14 What are our next steps? Well, take a look at all
15 three of those dots here. We've got red dots, we've got
16 green, dots and we've got a -- sort of a brownish line
17 there. Those are all going to be our biofiltration systems
18 that are going in at or near major intersections. And
19 that's already underway. It's a grant through the State.
20 But we are progressing with this, and we have milestones
21 that we are meeting. So we are making progress.

22 In summary, for all three watersheds, we have
23 long-term management committees. We have agreements. Some
24 of the agreements -- which are being revised actually, but
25 they went on through 2028, so it's not like the agreements

1 go through next week or next year. Shared resources to
2 develop the WMPs. That's why we spent about a combined 1.8
3 million dollars to develop these documents. We have
4 identified potential project sites. If you add up all
5 potential costs, it could be as much as 688 million. And to
6 be honest, that's going to be a real obstacle; that's lot of
7 money. Agencies are working with the league and contract
8 cities to identify funding solutions. Funding formulas for
9 regional projects within the watershed groups remain to be
10 worked out. And, as I mentioned in a previous slide, the
11 projects are already underway. You have seen projects have
12 been built, projects are underway, so we're moving ahead.

13 I definitely wanted to just show you this one last
14 slide. It's something I never expected to see. In a
15 concrete-lined section of the San Gabriel River, right in
16 the low-flow channel, was a turtle. That was when we out
17 doing our outfall screening.

18 And that is our presentation. Thank you very
19 much.

20 (Colloquy between Board Members and Staff)

21 CHAIR STRINGER: Thank you. I -- you know, we
22 have a lot more to come. But I just want to pause and say
23 we're all kind of side-barring up here about how impressive
24 this is, about how this is exactly what we had hoped for
25 that. Thank you.

1 Next up is Alamitos Bay.

2 MR. JOHNSON: Good afternoon, Chair Stringer and
3 Members of the Board.

4 My name is Bill Johnson, and I am an Associate
5 Civil Engineer with the Los Angeles County Department of
6 Public Works. I am here on behalf of the County of Los
7 Angeles, and the Los Angeles County Flood Control District
8 to discuss the approach we took on the Alamitos Bay/Los
9 Cerritos Channel Watershed Management Program.

10 So the focus of this WMP is on a small
11 unincorporated County Island in the Los Cerritos Channel
12 Watershed. The Los Cerritos Channel Watershed is located in
13 the southern portion of L.A. County adjacent to the San
14 Gabriel River.

15 The unincorporated County Island is only 95 acres,
16 and it's including land offed by the City of Long Beach.
17 For comparison, Disneyland Park is 85 acres. The County
18 Island is predominately a single-family residential
19 neighborhood, as shown in this photo. There's also a small
20 medical office complex located on the island, and there's
21 really limited infrastructure, we only have three catch
22 basins.

23 There are two TMDLs applicable to the County
24 Island, the Los Cerritos Channel metals TMDL and the Harbor
25 toxics TMDL. These give us our highest priority pollutants.

1 Using these TMDLs, the 303(d) list, and existing
2 monitoring data from the mass emission site at the bottom of
3 the watershed, water quality priorities were determined.

4 During the preparation of the plan, we held a
5 joint -- we partnered with two nearby groups to hold a joint
6 stakeholder outreach meeting. At the meeting, we received
7 positive feedback from the stakeholders. That was a meeting
8 that was mentioned in a previous presentation.

9 BOARD MEMBER GLICKFELD: I'm a little confused.

10 MR. JOHNSON: Yes.

11 BOARD MEMBER GLICKFELD: This is -- is this the
12 same watershed group that the City of --

13 MR. JOHNSON: No. No.

14 BOARD MEMBER GLICKFELD: All right. Please clear
15 it up.

16 MR. JOHNSON: I can go back and clear it up.

17 BOARD MEMBER GLICKFELD: Sorry about that.

18 MR. JOHNSON: We have just this unincorporated
19 County Island here --

20 BOARD MEMBER GLICKFELD: Oh, that's -- but you're
21 not part of the other group?

22 MR. JOHNSON: We're not, no. But we are working
23 very close with them on almost everything. Let's go back
24 here.

25 So this group for the unincorporated County

1 Island, 95-acre island, we taking the following -- we used
2 the computer modeling and we determined the island itself
3 needs about a 72 percent reduction in zinc by 2026.

4 So we've laid out the following approach to meet
5 the TMDL limits. The WMP and SMP were submitted in June of
6 this year. And we've already begun to implement watershed
7 control measures. In July 2015, we will begin monitoring
8 two downstream locations. The nearest station is just over
9 a mile downstream from the County Island.

10 We will be continually evaluating the data that
11 comes in. If the data that comes in is within the TMDL
12 limits, we'll continue to implement the planned control
13 measures. If the downstream data shows exceedances, we'll
14 implement a program to monitor just the 95-acre County
15 island.

16 So if we move into that phase and we monitor just
17 the County Island, and we identify exceedances coming from
18 the County Island, then we will move to implement additional
19 watershed control measures.

20 The final compliance dates for the metals TMDL are
21 2023, for the dry weather, and 2026 for the wet weather. So
22 we will have adequate time to address any potential issues.

23 We don't suspect the dry-weather compliance will
24 be an issue for the County Island. We had four storm drain
25 outfalls that are within the County Island's jurisdiction, a

1 new sample runoff from the County Island, from Long Beach,
2 and from Lakewood. And we've already done two screenings of
3 these outfalls, and we haven't seen any significant
4 dry-weather flow. In fact, pretty much all the outfalls
5 have been dry.

6 So for the County Island, we've already begun to
7 implement watershed control measures. The contractor who is
8 sweeping the County Island is using the vacuum sweeper. The
9 vacuum sweepers capture fine sediments that metals and
10 toxics are often bound to.

11 We only have three catch basins in this County
12 Island, but we've already started planning the design to
13 install automatic retractable screens and full-capture
14 devices on them. These devices reduce trash, and they also
15 reduce sediment from entering the storm drain system. As
16 part of this effort, we are also going to increase the
17 frequency that we clean out these storm drain catch basins.

18 The County's Green Streets policy -- which is
19 captured in our Green Infrastructure Guidelines -- is in
20 place. Throughout the County we have already begun to
21 implement Green Street design elements for new construction
22 and reconstruction of the transportation corridor. The
23 streets in this County Island are subject to that Green
24 Streets policy.

25 And the County's Low-Impact Development Manual is

1 approved and adopted. We expect LID to affect property
2 owners to modify over 50 percent of the impervious area of
3 their site, and if there's redevelopment of a property
4 that's over 5,000 square feet.

5 So what I was discussing earlier, the approach
6 that we're taking. If we do find there are exceedances
7 originating from the County Island, we have identified a few
8 potential control measures that we could put in place. We
9 could install these previous catch basins. They are catch
10 basins that aren't connected to the storm drain system, and
11 they have a river rock type bottom, which allow infiltration
12 of the stormwater into the ground. We've successfully
13 installed these elsewhere in the County. They are a good
14 option considering the limited land area we have.

15 Another potential option -- just got one more --
16 is Modular Wetlands. We've also recently installed these in
17 the County. These are flow-through BMPs that filter out
18 various pollutants, including zinc, that could be installed
19 in our roads and parkways.

20 So, in conclusion, the Alamitos Bay/Los Cerritos
21 Channel Group has submitted its WMP and SMP, and we've
22 already begun implementing control measures. Monitoring
23 efforts have begun and will continue with an approved SMP
24 scheduled for July of 2015. After a defined period, if
25 monitoring data shows exceedances from the County Island,

1 additional watershed control measures will be implemented.

2 Is there any questions?

3 CHAIR STRINGER: Thank you very much. Thanks a
4 lot.

5 Los Angeles River Upper Reach 2.

6 MR. GREENE: Good afternoon, Chair Stringer --
7 yes.

8 CHAIR STRINGER: Good afternoon.

9 MR. GREENE: Good afternoon. Okay. Thank you.
10 Good afternoon, Chair Stringer and Board Members.

11 My name is Gerry Greene, Dr. Gerry Greene. I'm
12 with CWE. I'm here representing the Los Angeles Upper Reach
13 2 watershed management area today. And this is basically
14 the lower end of the area. If you look just beyond that
15 bridge, that's about where the Upper Reach 2 comes in and
16 you would get this view from Firestone Boulevard.

17 And which is the one? There it goes. I didn't
18 press it hard enough.

19 The Upper Reach 2 is composed of the cities of
20 Bell, Bell Gardens, Commerce, Cudahy, Huntington Park,
21 Maywood, and Vernon, as well as the Flood Control District.
22 And we basically discharge into two receiving water bodies,
23 which is the Los Angeles River Reach 2 and the Rio Hondo
24 Reach 1.

25 Kind of if you look carefully, you can see our

1 area is this yellow box around what you might call the knee
2 of the watershed. And that total area is about 22.2 square
3 miles divided by the seven cities, tells you that the cities
4 are on average around three-square miles, relatively small.

5 And, in fact, two of them are just barely over one, Maywood
6 and Cudahy. So they are relatively small communities. We
7 only make up 2.7 percent of the whole watershed.

8 All right. Our water quality priorities, those
9 Category 1 TMDLs are the drivers, our nutrients, which the
10 deadlines have already come; trash, which we are ready to --
11 like some of the other communities, we have full-capture
12 devices going in and we expect to be compliant by 2016.

13 The metals -- copper, lead, and zinc. And I've
14 highlighted in green over here those dates, because you are
15 going to see that come back on our schedule later on. The
16 '24 being the dry weather, and the '28 wet weather.

17 And then bacteria, we are 30 and 37 will be our
18 identified (inaudible) schedule. I'm giving you a nice
19 little example of a type of Green Street.

20 Category 2 -- there's a picture there below -- -
21 I'm sorry.

22 Our Category 2 pollutants include oil in that
23 Reach 2 of L.A., and PH which may be nutrient related,
24 toxicity is on our 303(d) listing, although, again,
25 unfortunately we have that challenge that everybody does,

1 we're not sure what toxicity is as a pollutant. It could be
2 a lot of different things.

3 Then Category 3, we have no mass emissions or
4 tributary data to this point, so we haven't been able to put
5 anything into that.

6 Our pollution reduction strategy. I mentioned the
7 total capture compliance for trash. For the other
8 pollutants, we are going to be implementing the watershed
9 control measures, and I've called out a couple of the best
10 or more effective ones, including the LID ordinances, Green
11 Streets Policy. I am going to talk more about LID street
12 design in a few minute.

13 We wanted to be sure to identify these separately,
14 because unlike Green Streets in the permits, those apply to
15 one group. Well, these LID Streets actually apply to a
16 different set of land uses and categories. We're using them
17 in our commercial and residential areas where we have
18 bacterial issues.

19 The RAA analysis excluded some partials that have
20 other regulatory programs. And, unfortunately, this doesn't
21 come in particularly well. But especially in our north
22 area, you can kind of see different shades of yellow there.

23 Those are things that were on other pertinent 4:14:17, such
24 as Caltrans, industrial permits. And so they have kind of a
25 different regulatory program in -- I split, by the way --

1 the two colors here, this would be the side that leads into
2 the Rio Hondo, and this would be the side that leads into
3 the L.A. River -- or drains into the L.A. River.

4 I wanted to also mention that we're going to be
5 trying to distribute our BMPs -- use our distributed BMPs in
6 areas where our regional BMPs are difficult to cite. And
7 you'll see an example later on where this is important. A
8 lot of this area all comes down to one BMP that we're
9 planning here, so that would be an area where we would want
10 to put in a lot of our distributed BMPs along that area.

11 The RAA analysis for the L.A. River. First off,
12 it's kind of interesting for us. I was a little surprised
13 by this. Our RAA had DLA, or the driving pollutant, in the
14 L.A. River as bacteria, but on the Rio Hondo it was zinc.
15 And you've heard both those groups of pollutants measured.
16 And at first I was thinking, Why is this? Why is this?
17 Well, it probably turns out that we're using the right BMP
18 to handle the Rio Hondo, and so it takes care of the
19 bacteria while taking care of the zinc. So it's kind of an
20 interesting example. I'm going to show you that in a little
21 while.

22 But here is the results of the RAA analysis. And
23 the bottom line is that we wanted to get above this 289
24 trillion number. By the way, if you want me to round that
25 first number, that's a quadrillion up there. We're talking

1 big numbers. Bacteria, there's a lot of them.

2 And so we then started cutting down to get to that
3 289 and finding the things that we could implement that
4 would reduce it and averaging those up and, sure enough, we
5 were able to get to our 307 and demonstrate that we've got
6 control of the bacteria.

7 Watershed control measures. The LID ordinance has
8 been adopted by most of the cities, as has the Green Street
9 policies. We have identified some customized minimum
10 control measures. We talked about enhanced street sweeping?

11 Well, one of the enhancements of enhanced street sweeping
12 is actually to lower the velocity of street sweepers. So we
13 are actually planning to put into future municipal contracts
14 a requirement that they keep their street sweepers moving at
15 a lower velocity of around three miles per hour where the
16 efficiency is higher and they pick up more of the debris.
17 Obviously, if you drive that street sweeper real fast down
18 the street, he doesn't pick up very much. So we're planning
19 to put that into the contract.

20 Improved inspect tracking software. Let me see.
21 And then we're -- we need to increase the catch basin
22 maintenance schedules with all of those CPS units going into
23 it for the trash controls.

24 Let's see. Oh, non-structural BMP and source
25 controls. As I alluded to, we seem to be finding additional

1 challenges with bacteria, so one of the areas to highlight
2 that is with where the sources are, land use -- it's
3 commercial areas. And so we think that by doing a better
4 job of identifying trash controls around the bins in
5 commercial areas where a lot of restaurants are that we will
6 be able to demonstrate an impact on the bacteria. And
7 another example of the LID Green Street picture down at the
8 bottom, one of the ones that could be utilized.

9 Okay. These are some of the regional BMPs that we
10 have identified. And, no, it's not the big green area,
11 that's the tributary coming in, but those red areas. So
12 speaking back to the example I gave earlier, here is a
13 fairly large BMP who we identified called John Anson Ford,
14 that is dealing with 71 percent of the catch loads that goes
15 to the Rio Hondo. So that would be an example of the
16 regional BMP. This area would be where we were put those
17 distributed BMPs out to make sure that we're getting the
18 difference. Together these -- this is about 20 percent of
19 the watershed area would be going into one of those seven --
20 sorry -- six BMPS.

21 Here's that implementation schedule. We're
22 starting out with things like the LID ordinances and the
23 Green Streets. And the LID start getting -- LID streets
24 start getting constructed.

25 Then our first major project would be John Anson

1 Ford Park. At least that's what our planning is, assuming
2 that we can get through all the permits and things on it.
3 And that becomes important in 2024 for dry weather and in
4 2028 for wet weather to control zinc.

5 Then we have a couple of more projects coming up
6 in '28 and '30. As I mentioned, again, to deal with the
7 wet-weather bacteria. It's basically two big projects by
8 '28, two big projects by '30, and two big projects by '37 in
9 order to achieve the Reasonable Assurance Analysis.

10 I want to mention briefly about rotating
11 monitoring sites. Because these cities are so small, the
12 request to put in a monitoring site per city adversely
13 impacts them. They're very small communities and you got
14 one area and you have to put it in; it's problematic. So we
15 thought about another approach, which is to actually rotate
16 our sites around. And it turns out that a relatively small
17 number of watersheds gets most of the area. This one over
18 here is an example. It's about 28 percent of the area.

19 So by monitoring at these three locations that
20 I've identified here, we're actually seeing annually about
21 58 percent of the area. So that we're not monitoring the
22 same thing over and over again, multiple times a year, we're
23 going to be actually looking at what is coming out of the
24 watershed annually.

25 We also have a number of industrial sites up in

1 here. We have one, two, and three that end up getting about
2 another 12 percent.

3 So together -- oh, and I mentioned John Anson Ford
4 over here. That's another 12-and-a-half percent. So,
5 together, we essentially are going to be looking at
6 80 percent of the watershed management area annually, taking
7 a sample from that. So that's why we switched over and
8 decided to push for this rotating monitoring approach so
9 that we don't miss that bad guy hidden in the watershed.

10 And, just again, we've identified projects. We
11 have a footprint of those projects. We have the tributary
12 area coming in. We have a depth. We have a volume of water
13 coming in. We have a cost estimate. We have those LID
14 Green Streets. These are round numbers, but we have a lot
15 to accomplish, and we'll be trying to get it scheduled. And
16 we'll be definitely needing a lot of support to help make
17 these things happen in this region.

18 And with that, I'm open for questions, but it's a
19 little early in the session, so I apologize. We'll go ahead
20 and address that later. And those are a couple more of the
21 regional-type projects and Green Streets.

22 Thank you.

23 CHAIR STRINGER: I appreciate it. Thank you very
24 much.

25 East San Gabriel Valley.

1 MS. BRESCIANI: Good afternoon Chairman, Members of
2 the Board, staff and my fellow stormwater professionals.

3 My name is Nicola Bresciani. I'm from the City of
4 La Verne, and as the lead agency for the East San Gabriel
5 Valley Watershed Management group I wanted to take this time
6 to introduce our consultant. This is Bronwyn Kelly from MWH
7 Global, and she will be giving our presentation.

8 Thank you.

9 MS. KELLY: Hello. Good afternoon.

10 So the East San Gabriel Valley Watershed
11 Management Agreement is consistent -- consists of Claremont,
12 La Verne, San Dimas, and Pomona. And it really -- it sits
13 high up in the San Gabriel River Watershed -- where is
14 that -- right here. It is collectively approximately
15 55 square miles in area. And the primary receiving waters
16 are the Walnut Creek Wash, San Dimas Wash, San Jose Creek,
17 San Gabriel River, and San Gabriel River Estuary.

18 The water quality priorities were categorized per
19 the permit requirements into three categories. And this is
20 an example table that was pulled from our plan. I won't to
21 go into details here, but just to point out they're
22 consistent with typical MS4 constituents that you've heard
23 earlier today: Metals, bacteria, some legacy pollutants,
24 such as, PCBs, pesticides, and nutrients.

25 The East San Gabriel Valley Group has identified

1 four receiving water sights, one per city jurisdiction, so
2 to speak, and with some collaborating on those locations, as
3 well as, three stormwater outfall sites.

4 This group was very limited in the data collected
5 to date, so these sites will be very important in their
6 future implementation of BMPs in this region.

7 The Reasonable Assurance Analysis was conducted
8 utilizing the County's WMMS system, model system. And the
9 group ultimately decided to move forward with a design-storm
10 approach instead of a pollutant-load approach utilizing BMPs
11 that retain the 85th percentile.

12 And, collectively, they're going to look at
13 utilizing the BMPs to meet that percentile that implements
14 Green Streets, LID on public parcels, residential programs.

15 They've already implemented LID on new development,
16 redevelopment, as well as, implementing and identifying
17 regional BMPs within their jurisdictions.

18 Each of these was identified on a subwatershed
19 base -- level. Here is an output from but on a model. And
20 these are identifying locations for implementations to meet
21 the metals TMDL milestones with the dark purple for the
22 30 percent and moving to the light purple for a hundred
23 percent compliance.

24 Those selected watershed measures also included
25 BMPs that have been implemented since permit adoption and

1 are planned. There's quite a bit of these ranging in small
2 parcel sizes to catch basins to large multi-acre facilities,
3 in total of approximately 67 BMPs being implemented.

4 Non-structural BMPs consist of the rooftop runoff
5 program. This is a downspout disconnect program, incentive
6 program for residents. They've already started employing
7 these throughout their jurisdictions.

8 They have the LID in place for new development and
9 redevelopment. They've elected to do additional inspections
10 for construction sites and verification of post-construction
11 BMPs.

12 Source control has been ongoing for these cities.

13 And because data was very limited in dry-weather discharges
14 for this area, that is ongoing and will be dependent on the
15 results of the dry-weather discharges.

16 All four cities, as I've mentioned, have the LID
17 ordinances and the Green Street policy in place and have
18 been adopted.

19 And the adaptive management portion and the BMP
20 pacing and locations of implementation will be based on
21 monitoring data. As I mentioned, this area was very limited
22 in the data in this region, and adaptive management will be
23 key in ensuring compliance with the permit.

24 Outreach and Stakeholder Input. The group has
25 been actively participating in workgroups. They've seeked

1 [sic] out solicitation from stakeholders, and informational
2 fliers, presentations at city council meeting that have been
3 televised, as well as, conducting a video presentation for
4 viewing.

5 In closing, I just want to mention that the BMPs
6 that have been identified as aggressive for this group, it
7 does increase a significant budget for them in
8 implementation and, you know, they're really working towards
9 that. They're really working towards how to find that.
10 They'll need significant amount of community involvement and
11 community support in identifying funding sources.

12 Thank you.

13 CHAIR STRINGER: Great. Thank you so much.

14 MS. KELLY: Uh-huh, (inaudible).

15 EXECUTIVE OFFICER UNGER: We appreciate that.
16 Thank you very much. That's really exciting stuff.

17 We are now going to move to some of the
18 stakeholders. We have Heal the Bay, NRDC, and L.A.
19 Waterkeeper, I believe, have a joint presentation; is that
20 correct? Is that right?

21 MS. DYER: Yes.

22 EXECUTIVE OFFICER UNGER: I think we discussed 15
23 minutes or so, so why don't you put up 15 minutes. Thank
24 you.

25 MR. GARRISON: We didn't realize haggling was an

1 option, though.

2 CHAIR STRINGER: I'm a professional haggler. I've
3 learned to choose my battles very carefully.

4 MR. GARRISON: All right.

5 MS. DYER: Good afternoon, Mr. Chair, and Members
6 of the Board.

7 I am Johanna Dyer, and I'm with the Natural
8 Resources Defense Counsel. We thank you for the opportunity
9 to discuss our substantive comments on the WMPs and
10 monitoring programs that permittees have submitted.

11 Please note that we maintain that several
12 provisions of the 2012 MS4 permit fail to meet the
13 requirements of the Federal Clean Water Act and the
14 California Chloroform Act and are otherwise inconsistent
15 with both state and federal law.

16 As you know, we filed a petition to the State
17 Water Resources Control Board outlining our concerns. And I
18 understand that the Board will be releasing a draft order in
19 the coming months.

20 I would also like to note that in -- our comments
21 today are not addressing any specific WMP or a particular
22 issue in a WMP, and shouldn't be taken as an indication of
23 our agreement with the WPMs or terms. Today, we're just --
24 we're discussing only a limited subset of examples, and we
25 urge you to review all of the submitted management plans in

1 light of our comments.

2 So, as you know, in August we submitted two joint
3 letters, joint comment letters. One regarding the group
4 WMPs and associated monitoring programs and another
5 regarding the individual WMPs and associated monitoring
6 perhaps.

7 Heal the Bay also submitted letters on the City of
8 La Habra Heights and the City of El Monte.

9 The 2012 permit requires -- or allows for
10 permittees to develop watershed management programs to
11 implement the requirements of the permit on a watershed
12 scale through customized strategies, control measures, and
13 BMPs.

14 So the purpose of the MS4 permits, voluntary
15 watershed management program process, is to allow permittees
16 to determine how they'll implement the permit's
17 requirements. In exchange, permittees are allowed
18 additional time for their implementation schedules.

19 Critically, this drastic extension of the amount
20 of time to meet water quality standards requires permittees
21 to undertake rigorous analysis and set up strong plans.

22 In particular, permittees must ensure that
23 discharges from the permittee's MS4 do not cause or
24 contribute to exceedances of receiving water limitations or
25 applicable TMDL provisions.

1 From what we've seen in some of the WMPs, the
2 extra time seems not to have been warranted in these
3 circumstances. While in many cases the permittees have put
4 significant effort into these WMPs, we still don't always
5 see an assurance that water quality standards will be met.

6 As Ms. Purdy touched on earlier, there are a
7 number of deficiencies in the WMPs. Many of them improperly
8 rely on conjecture and assumptions; uncertain, proposed, or
9 future solutions, such as, upcoming or hoped for legislative
10 and policy changes; adaptive management; and also improperly
11 relying on data that fail match the permittee's discharge
12 systems.

13 So because of these numerous deficiencies, the
14 draft WMPs that we discussed today, therefore, don't ensure
15 that discharges from the permittee's MS4 systems do not
16 cause or contribute to exceedances of receiving water
17 limitations or TMDL limitations and otherwise fail to meet
18 permit requirements. My colleagues will discuss many of the
19 common problems among the WMPs in more detail.

20 And I would now like to introduce my colleague,
21 Noah Garrison, who will address some of the deficiencies in
22 the individual WMPs.

23 Thank you.

24 CHAIR STRINGER: Thank you.

25 MR. GARRISON: Good afternoon, Mr. Chair, and

1 Members of the Board.

2 I'll be very quick about this point. I think Ms.
3 Purdy has addressed some of these issues before, especially,
4 related to the individual WMPs. And we fully support the
5 Notices of Deficiency that were sent out by the Board to
6 many of these permittees.

7 Specifically, there were a number of individual
8 WMPs that were submitted by the cities of Carson, Compton,
9 Gardena, Irwindale, Lawndale, South El Monte, and
10 West Covina that flatly were either missing or had grossly
11 deficient sections of their WMPs in terms of meeting the
12 permit's requirements.

13 We noted that Reasonable Assurance Analysis were
14 either missing altogether or failed entirely to provide the
15 adequate analysis required to demonstrate that water quality
16 standards or TMDL requirements would be met. Water body
17 pollutant classifications and prioritizations were either
18 missing or were only partially fulfilled. In a number of
19 cases, the cities flatly stated that they would not perform
20 monitoring that was required under the permit.

21 In all these cases, the cities have every right to
22 comment or make whatever claims they want to about the
23 legality or other processes under the WMPs, but in order to
24 gain the protections that are offered by the WMPs, they have
25 to meet the permit requirements. And they utterly failed to

1 do so here.

2 We fully stand with Board staff on the Notices of
3 Deficiency that were sent out. And we would submit that for
4 these particular permittees, they should simply be required
5 to meet the otherwise applicable provisions of the receiving
6 water limitations or TMDL sections and simply just meet
7 water quality standards through the -- Section 5 of the
8 permit.

9 Thanks very much.

10 MS. JAMES: Good afternoon.

11 Kirsten James with Heal the Bay. I'm going to get
12 a little bit more into some of our specific comments
13 briefly. But we do want to acknowledge the significant work
14 that went into a number of these plans. However, as is the
15 case with these, the devil is really in the details, and
16 there are a lot of details.

17 We reviewed thousands of pages of documents. So
18 in doing so, we sort of saw some common themes that came out
19 of many of the different WMPs. And so we just wanted to
20 share those with you today. I'm not going to have time to
21 go into all of the details on these, but I strongly
22 encourage you to review our letters, which go into much more
23 detail.

24 I am going to highlight a few of these, and it was
25 good to note that Renee also touched on some of these

1 deficiencies as well. So it sounds like we're on the
2 similar page in some of these areas.

3 So, first off, just as far as the requirement for
4 data characterization of the watershed. The permittees --
5 the permit requires that the permittees evaluate existing
6 water quality conditions. And we're concerned that in a
7 number of cases alternate data sets were used without any
8 justification.

9 As you can imagine, different land uses and
10 different runoff volumes and heavily developed areas versus
11 undeveloped areas can be quite different. And so in a
12 number of cases there were other data sets that were used
13 and there was no justification. And so this -- this is just
14 inappropriate, and the letter goes into some of these
15 specific cases.

16 Again, Renee touched on this, but the permit sets
17 up a scheme for prioritization of different pollutants. And
18 what we found in a number of the WMPs is that these weren't
19 prioritized correctly in line with what the permit
20 requirements are. So, again, these are addressed in our
21 letter.

22 Also, in a number of cases, we felt as though the
23 data were misinterpreted and so this lead into an
24 inappropriate characterization or maybe, you know, in some
25 cases was completely left off the prioritization scheme. So

1 this needs to be remedied in a number of WMPs as well.

2 Obviously, the Reasonable Assurance Analysis, the
3 RAA as we call it, is a key element to all of these WMPs,
4 and that's where we concentrated a lot of our review effort.

5 This is the attempt to see if a suite of projects and
6 programs is going to get you towards your goals. And so
7 it's really important that the assumptions made within these
8 RAAs are solid. And we found in a number of the WMPs that
9 there were just random assumptions made that had no
10 scientific justification.

11 Just a couple of examples, a number of folks said
12 that there was going to be a ten-percent reduction based on
13 non-structural BMPs. But they didn't discuss how the BMPs
14 were going to be any different than those required in the
15 previous MS4 permits. So that was the baseline. What are
16 they going to do in addition? And there's just no
17 justification. Another one alleges that 25-percent
18 irrigation reduction will result in 60-percent reduction in
19 overall dry weather pollutant loading. Well, where is this
20 from? That's no substantiation of this claim. There's no
21 strategy, how they're going to get to this 25-percent
22 reduction. And then the 60 percent seems to appear out of
23 thin air.

24 So we need more scientific justification because
25 these percentages add up and are really going to be key in

1 ensuring that we have the strongest RAA possible.

2 So there's other concerns with the RAA as well, as
3 for many us who work in Sacramento on a regular basis, there
4 is definitely no guarantees in the State legislature, and so
5 we can't presume that bills are going to pass. We can't
6 just hope and cross our fingers. This was another common
7 thing that we saw, was relying on potential action by
8 agencies, potential action by the State legislature, making
9 assumptions that previous legislation, like the copper
10 tires, is going to get us a certain amount. Well, where is
11 the justification? We hope that is the case, but we need
12 the justification there as well.

13 And then, finally, I'm just going to touch upon
14 the concern with the compliance deadlines. The permit
15 requires both interim and final deadlines for achieving the
16 receiving water limits and the water quality-based effluent
17 limits, TMDLs obviously must meet their deadlines, and
18 non-TMDLs must be met as soon as possible. While dates
19 suggested such as 2037 in L.A. River, 2040 in Los Cerritos,
20 those just don't meet the ^laugh test.

21 So, you know, we -- there's no justification or
22 adequate explanation of why there are those extensive
23 periods. And, you know, another issue is that we're not
24 seeing that specificity in what the projects really are. So
25 that ties into that, too. If we don't know what these

1 projects are, where is the justification and how do we know
2 that the Reasonable Assurance Analysis is actually correct.

3 So we need specificity in the projects, and we need much
4 shortened time frames as well.

5 So, again, we urge you to read our full comments
6 because we go into much more detail than we have time for
7 here today. But we believe that these items are really
8 critical to be addressed before the Regional Board approves
9 them, and so we urge your support there. And with that,
10 I'll turn it over to Laura Meeker.

11 CHAIR STRINGER: Thank you.

12 MS. MEEKER: Good afternoon.

13 My name is Laura Meeker, and I'm here from
14 Los Angeles Waterkeeper. I'm going to actually just speak
15 on some of the common concerns with the group WMPs
16 monitoring programs and only go over just a few examples
17 because of time.

18 So, for example, one of our concerns is with
19 regards to the maps. No map, for example, delineating
20 outfall monitoring catchment drainage areas with an overlay
21 of land use was submitted for the Lower Los Angeles River.
22 Knowing the proposed outfall monitoring locations' drainage
23 areas and corresponding land use is necessary to evaluate
24 the monitoring plan's effectiveness to identify pollutant
25 loading sources, whether the chosen outfall monitoring

1 locations are representative of land use and whether the
2 appropriate number of outfall locations are included in the
3 monitoring plan.

4 Other concerns we have relate to the monitoring
5 locations themselves. Receiving water monitoring locations
6 proposed in some of the monitoring programs are inadequate
7 for determining whether receiving water limitations are
8 being achieved. For example, the Los Angeles River Upper
9 Reach 2 monitoring program does not include a receiving
10 water monitoring location for the Rio Hondo Reach 1, which
11 is the largest tributary in this section of the L.A. River.

12 Regardless if the Rio Hondo tributary runs dry most of the
13 year, a wet-weather receiving water sample of the Rio Hondo
14 will be necessary to determine compliance with Rio Hondo's
15 specific wet-weather TMDLs and receiving water limitations.

16 Also in terms of monitoring frequencies, receiving
17 water monitoring frequencies, for example, for the
18 Los Cerritos Channel permits use proposed that
19 Los Cerritos Channel drain -- will be monitored three times
20 during wet-weather events each year. This is insufficient
21 because the Los Cerritos Channel metals TMDL requires
22 wet-weather monitoring during four storm events per year

23 Also, in regards to the Upper L.A. River Reach 2's
24 rotating outfall monitoring scheme does not meet the permit
25 requirements. Permittees proposed rotating between the six

1 sites in the watershed, so that only two outfalls are
2 monitored during any given wet-weather event. However, each
3 permittee is required to monitor at least one major outfall
4 per subwatershed drainage area at minimum of three times per
5 year, including the first rain event of the year.

6 So given the placement of these outfall monitoring
7 sites, all six outfalls should be monitored three times per
8 year as the permit requires.

9 The last common concern that I will mention is
10 that several draft monitoring plans actually fail to
11 acknowledge that permittees are required to obtain Regional
12 Board approval before removing non-stormwater pollutant
13 monitoring after the first year.

14 I'm just going to complete there and thank you.
15 And now I'll leave it for Tatiana Gauer will be presenting
16 on our concluding comments.

17 CHAIR STRINGER: Great. Thank you.

18 MS. GAUER: Hello Members of the Board and
19 Mr. Chair.

20 So what we're talking about here today is the MS4
21 permit, which as your Board has many times said, is the most
22 important permit in L.A. County given the fact that we know
23 and we always hear of stormwater pollution as the largest
24 source of water quality degradation in L.A. County.

25 The WMPs that we're discussing today, they are an

1 important tool under the permit, and permittees have been
2 given extra time to develop that tool. But the goal of the
3 WMPs is in the monitoring programs under the permit is to
4 ensure that discharges from the MS4 achieve applicable
5 WQBELs and do not cause or contribute to exceedances of
6 receiving water limitations and measure accurately
7 permittee's compliance with the permit

8 So what do we have? As has been pointed earlier
9 by Ms. Purdy and by our comments and our presentation, the
10 WMPs and monitoring programs, unfortunately, fail to achieve
11 permit requirements and, most importantly, will not ensure
12 as drafted compliance with water quality-based effluent
13 limitations and receiving water limitations.

14 Specifically, a lot of permittees rely adaptive
15 management. That's an unwarranted reliance because at the
16 time permittees do Reasonable Assurance Analysis, this is
17 the moment where they have to demonstrate that water quality
18 standards will be met. I'm sorry. I need one more
19 minute --

20 CHAIR STRINGER: That's fine.

21 MS. GAUER: -- or like 30 seconds.

22 CHAIR STRINGER: I'm sorry. That's fine.

23 Can you please turn that off?

24 MS. GAUER: So for that reason, permittees cannot
25 postpone this demonstration that must be accomplished

1 through their Reasonable Assurance Analysis, that they
2 actually will meet -- the measures they propose will meet
3 water quality standards, will achieve water quality-based
4 effluent limitations.

5 So, in conclusion, we believe -- and we strongly
6 ask the Board not to approve the WMPs until they have
7 revised significantly and address the numerous deficiencies
8 and basically be the tool that we need to improve water
9 quality in L.A. County.

10 Thank you.

11 CHAIR STRINGER: Thank you very much.

12 We have one speaker card from Joyce Dillard.

13 Is Ms. Dillard here?

14 So three minutes for Ms. Dillard, please.

15 MS. DILLARD: And I talk from a public view, not
16 an industry view or agency view. FEMA was -- no. National
17 Advisory Council was just in town two weeks ago, and I
18 attended. And Greg Fugay (phonetic), who was their
19 administrator, said, We have to do something about the
20 building codes across the country. I agreed with him. I
21 said, Let's not build on historic landsites. We're all for
22 that out here, because that's what we are seeking with our
23 codes.

24 His second in command said, Watersheds are the
25 answer. Totally agreed with him. I said, But our elected

1 officials don't know what they are.

2 And with that what I see is really you're trying
3 to embrace a problem through the Clean Water Act that really
4 is about management of cities, and the very poor management
5 of cities, and the misunderstanding of their duties and
6 obligations in general plans, of consistency, of collecting
7 their trash, things like that.

8 The public isn't going for this rain tax. We're
9 -- there's some many of us that are against it, and growing.
10 I even have people that want to do it -- you know, people
11 want to -- individually want to do something. And one was
12 told, Don't do an LID, put a septic tank underneath so you
13 can flush it out. Why? Because there are disease issues
14 here, which isn't your purview.

15 When Jeffrey Mattin (phonetic) was in town, he
16 said, I hear stormwater capture is happening here. And I
17 said, Not really. We have a disease issue. We have a
18 vector control issue. We have a lot of issues that aren't
19 be addressed. Maybe not under your purview, but under other
20 agencies. And definitely the public has to consider it.

21 So I think a lot of things lack in the consistency
22 of different agencies working together, including air
23 quality, which was mentioned. There is a total lack of
24 data. Dr. Ron Flick, who's your -- out of Scripps is very
25 adamant on water issues and data, and you just don't have

1 it. You're just now collecting it. You're just now
2 beginning to look at areas that should have been looked at
3 for years. So that puts the public at a disadvantage,
4 thinking this is really going to happen. I have a real
5 problem with ecosystems never being a part of a watershed
6 discussion or natural lands are being part of it where your
7 BMPs are usually a built environment and a park built
8 environment.

9 In the City of L.A., we've laid a lot of money
10 out. A lot of these areas can't really afford it. We have
11 laid money out that we just can't consistently do anymore.
12 Everyone is stressed out with what's going on and with --
13 we're getting really taxed in ways that aren't Prop. 13, but
14 we're being taxed.

15 So I think this is -- this whole conception of
16 this permit has to be readdressed whether it's a court date
17 or whatnot. I listened to the Supreme Court on the last
18 permit and they said it was a bad permit and they weren't
19 going to really, you know, adjudicate a bad permit.

20 I think you may have the same thing here. I think
21 you really have to address the issues that are needed to get
22 some results in relationship to commerce. That's what we're
23 talking about here: Clean Water Act; commerce -- things
24 like that. And what I'm seeing is kind of like a process
25 with really an open-end result that isn't economically

1 feasible.

2 So though I heard some good suggestions in some of
3 these presentations, on the overall, I don't see a change or
4 the results you want from this.

5 Thank you.

6 CHAIR STRINGER: Thank you for your comments.

7 Okay. So, Renee, do you want to come back up?

8 And I suspect there may be some questions or comments from
9 up here that --

10 Larry, do you want to -- do you have anything you
11 want to ask or say?

12 BOARD MEMBER YEE: I really don't have a lot of
13 questions at this point. I mean, one of the recurring
14 thoughts in my little pea-picking brain up here this
15 afternoon listening to these presentations was, Geez, if
16 only the public knew, if only the public knew the staggering
17 amount of work that has gone into this and the staggering
18 amount of work that still needs to be done.

19 I wish there was an easy way to write a compelling
20 narrative about all of this and tell the story like in the
21 L.A. Times because I think more people need to know about
22 the tremendous amount of work that is being done to preserve
23 water quality in this region.

24 Even though there are a lot of, you know, gaps and
25 deficiencies and things that still need to be worked on, I'm

1 -- I'm just really impressed with the leadership that's been
2 taken and the amount of collaboration and joint work in a
3 number of areas. And you've probably heard me say before,
4 you know, there's an old Scottish -- Scottish definition of
5 "leadership," which says: "Go forth and show the way."
6 And I think we really are doing that in this region.

7 I think we took a big step forward with this MS4
8 permit, and now we're, you know, trying to implement in a
9 huge way and to take a lot of leadership in doing that.
10 There is still a mountain of work, you know, to do, but
11 we've taken the first big step. And thank you and
12 congratulations.

13 BOARD MEMBER DIAMOND: Well, you know, there
14 probably are a lot of questions, but there are almost too
15 many questions that I have to go -- to actually go through
16 it right now because I think we'd be here for a long time if
17 each of us asked all the questions that were prompted today
18 from the -- from the presentations.

19 I'm very impressed with -- also with all of the
20 work, the work from staff which, of course, we've all been
21 aware of for quite a while now since 2012. And it's amazing
22 that you've all -- you've gotten all of these plans; they've
23 been presented to you in really interesting ways with lots
24 of fascinating ideas, modeling and, you know, a lot of -- I
25 guess I would feel a lot of hope from what I've heard today.

1 But, again, there's so many details that need to be worked
2 out.

3 So I think today's discussion and presentations
4 were very useful. At the end of the day, you know, it's all
5 about whether we reach water quality standards. It's not
6 about how, you know, beautiful and wonderful and detailed or
7 not the plans are. So I guess I'm concerned about a few
8 things. I'll just throw out a few concerns that I have.
9 And that is, are there assumptions being made that are not
10 being justified, either scientifically or, you know, with
11 hoped for legislation? You know, we all hope for a lot of
12 things. I hope that the water bond passes. You know,
13 there's all kinds of things that I guess I'm concerned
14 about.

15 One of the things that I'm concerned about, a big
16 thing, is the funding. I mean, if all of these plans work
17 out and the justifications are done, the modeling is
18 correct, the science is correct, where will the funding come
19 from? And somebody mentioned, you know, we have to look to
20 the community for that. In some ways, yes, we do. That's
21 all about public education and buy in.

22 But we also have to look for the municipalities.
23 We need (inaudible) helping them, but they also need to make
24 some, you know, hard choices and decisions about bonds and,
25 you know, making -- figuring out how to find the money to do

1 these plans. Because the plans sound -- many of the
2 features sound very good, but how are we going to pay for
3 them?

4 We've been disappointed in the past about hoped
5 for funding mechanisms that haven't panned out. So that's a
6 big issue. And I think we need to be hopeful, too, but it's
7 really going to be municipalities and the county that have
8 to go out there and find that.

9 And the last thing, and someone mentioned that, is
10 I am very concerned about listening to the time line as
11 well. 2037 and 204 is so far out, I can't -- I mean, that
12 is way, way, way out into the future. Yes, we'll be working
13 on stormwater and cleaning up our water and hopefully having
14 more water supply because of all that we're doing, but
15 that's a very long time line to be looking at now. So I'm
16 concerned about that.

17 But, by and large, I am impressed by so much of
18 what I am seeing from everybody, all of the stakeholders:
19 The cities, the -- everybody who has presented here today
20 has given me some hope. But I think we really have to get
21 down into the details, find the funding, make sure the
22 science is there, and figure out whether that time line
23 really makes sense, because it seems a little bit long to
24 me.

25 MS. PURDY: And if I could just respond to a

1 couple of those things.

2 First, with regard to your question about the
3 assumptions that is are being made about reductions that can
4 be anticipated by some of the things, I would say, you know,
5 in some cases -- take, for example, you heard me and others
6 speak about the copper Brake Pad Partnership. And that's
7 something that is well on its way. We know that -- I mean,
8 it's going to happen in a phased manner. And so I think
9 that we can have a good deal of confidence in some levels of
10 reduction during that the next couple of years. It's
11 basically going to be phased in, and others in this room
12 know the phasing much better than I do. But I think for
13 some things it's reasonable to anticipate certain
14 pollutant-load reductions because we know we've got the
15 legislation, there's a plan for set reductions to occur over
16 a series of years.

17 Then there are others where maybe we're a little
18 more unsure about. For example, zinc in tires. And we
19 still have more work to do. It's not nearly as far along as
20 the copper in brake pads is.

21 And so I think that in large part what permittees
22 are anticipating in terms of pollutant-load reductions in
23 the next couple of years are often pretty well supported. I
24 think as we get further out -- and there's some anticipation
25 that we will get legislation about zinc in tires and things

1 like that -- there is more uncertainty as we move to further
2 out deadlines.

3 So, I mean, you heard that is a comment that in
4 some cases we will be giving back to the groups on some of
5 those assumptions. Where we really feel like it's an
6 unreasonable assumption, we'll be letting them know that we
7 don't see the supporting documentation for that and we'll be
8 asking for that if they want to continue to use that
9 anticipated reduction.

10 With regard to the financing, I agree with you.
11 It's a big challenge. I think the hope is that as now
12 you're seeing that there's more specifics with regard to
13 project, project locations, types of projects, that maybe in
14 the public eye it will be more meaningful. They'll actually
15 be able to see what is -- you know, with like the water
16 quality funding initiative, they'll actually be able to have
17 some examples of some projects that could actually happen in
18 their communities and what is that money going towards.

19 So I think we're all hopeful that that will help
20 in future efforts to secure funding because now there's
21 really going to be examples of what are these projects and
22 what are the benefits to the community.

23 And then, lastly, with regard to the time frames,
24 some of them are long. The 2036 is actually a time line in
25 a TMDL. And so we have some TMDLs that have very long time

1 lines. That's the time line for bacteria in the L.A. River.

2 And so they are long in many cases. They are
3 going to happen over multiple permit terms. Others that are
4 related to achieving receiving water limitations that aren't
5 addressed by a TMDL, we're going to be taking a very close
6 look at does that really seem reasonable. You know, a 2040
7 deadline, is that really a reasonable thing. And we agree,
8 in some cases, we think those time lines are too long, and
9 we'll be making that comment back to the permittees on some
10 of those things.

11 BOARD MEMBER DIAMOND: Thank you.

12 VICE CHAIR MUNOZ: First of all, I think I was
13 very impressed and taken by the coordination of many of the
14 cities, the cooperation, which is what we wanted. And so it
15 was wonderful with the three groups that came together and
16 realized that they need to connect the dots.

17 So it's -- but as I listen to other presentations,
18 it was very clear to me, very glaring, that there is a
19 difference between larger cities that have the resources and
20 the capacity to put together those kinds of plans as opposed
21 to smaller cities, very small cities, that have high
22 immigrant populations that don't even have maybe a member of
23 their city staff that can do these plans and have to maybe
24 hire a consultant. So the challenge for them is going to be
25 greater for raising money, acquiring money, et cetera.

1 So I think we have to be real thoughtful about
2 that. The reality is that these -- those cities are being
3 challenged by -- they're on the verge the bankruptcy or have
4 filed bankruptcy in the past. So that's the concern I have,
5 is that, you know, there may not be the intention of not
6 wanting to comply, not wanting the things to be better, but
7 it's a matter of the lack of resources.

8 So that's the dilemma I'm walking with is, what
9 can we do there. I mean, do we ask the more capable cities
10 with more capacity to see how they might be able to connect
11 a dot towards them and pull them in? I don't know what the
12 answer is, but that's maybe a possibility.

13 MS. PURDY: That's a good -- good comment.

14 BOARD MEMBER GLICKFELD: Well, I couldn't agree
15 more with my colleague's comments. That really stuck out to
16 me, and I really appreciate the -- particularly the groups
17 in the Upper and Lower L.A. River pointing out to us that
18 these are very poor communities. Not all of them -- I think
19 Vernon on Commerce are doing just fine. But some of the
20 others are not. Maybe the combination there is pretty good.

21 So -- but I do -- I want to point it out -- I want
22 to ask the representatives for both of those groups if you
23 could come up and talk to us a little bit about the dilemma
24 of trying to implement these plans in these cities. And one
25 of the things I'm concerned about is that since it doesn't

1 appear that there's going to be a county-wide stormwater
2 fee, that many places are going on their own to do their own
3 fees and who is going to take care of these communities that
4 can't afford to put fees out on -- by themselves at this
5 scale. So I want -- I'm concerned about that. I don't
6 except you to have the answers, but I do want you to talk
7 about what your concerns are.

8 MR. GREENE: Again, I'm Gerry Greene, and I'm
9 helping with the Los Angeles River Upper Reach 2 today.

10 MS. NILO: And Gina Nilo representing the City of
11 Commerce.

12 BOARD MEMBER GLICKFELD: Oh, sorry. Did you bring
13 pocketbook?

14 MS. NILO: It's pretty empty.

15 MR. GREENE: As you alluded to, we don't have
16 answers. We have concerns. And we made presentations to
17 each of the city councils to help them understand what this
18 commitment is. This is something that they're very nervous
19 about. They are wanting -- like everybody else in the room,
20 they would love to have clean water today. It's not going
21 to happen quickly and it's going to be challenging.

22 We've tried to come up with a plan that allows
23 them to implement things over time. As measures change,
24 i.e., the LID street that we mentioned, over the next
25 quarter century, there will be redevelopment of streets.

1 And that is something that happens in the cities. And so we
2 can include that as part of it and do a better design in the
3 next go-round when we restructure streets.

4 But the regional BMPs are stand-alone big
5 projects. And they -- we've heard that. I -- I can
6 remember one particular city councilwoman coming to me and,
7 you know, during the presentation she was quite adamant
8 about it, and I basically had to say, This is a planning
9 document. Last time we didn't have an idea to help you
10 sell. Now, we'd like you to go forth and we'll work with
11 you to try to sell these in the future.

12 There's a Prop. 1, as you have already alluded to.
13 Hopefully, that will pass and hopefully some of that will
14 come to this area. My friend, Ken, over at Signal Hill, I
15 mean, we've worked together on a lot of things to benefit a
16 lot of communities and he's tried to highlight and help
17 people to make choices.

18 Hopefully, with some of the water coming back into
19 the ground through these projects that you've identified, I
20 mean, the nice thing about that cube is that cube is also
21 holding water. It's also -- so to the degree that we can put
22 that back in, there may be a benefit to everybody of getting
23 that. But it probably won't pay. It's only a contribution
24 towards the costs. But hopefully as we find enough of those
25 contributions and people see the value, we will be able to

1 be.

2 BOARD MEMBER GLICKFELD: So would it help you if
3 the water districts in your area were paying cities to put
4 water into the ground? Helping you -- putting a portion of
5 their revenues towards getting water into the ground and
6 helping you do that. Is that something that you've had a
7 dialogue with them on?

8 MR. GREENE: Well, most of them are pretty small
9 and, you know, I hate to phrase it this way, there's some
10 degree of "Why buy the cow when we get the milk for free."

11 BOARD MEMBER GLICKFELD: Okay. Thank you. Thank
12 you.

13 Was there a comment in the Upper -- from the Lower
14 Watershed as well?

15 MR. SUHER: Yes.

16 BOARD MEMBER GLICKFELD: Thank you.

17 MR. SUHER: Just a quick one. You know, I showed
18 you our flagship projects, the Dominguez Gap and the South
19 Gate Azalea projects. Those don't come along that often.
20 And to be honest, most of what we call the low hanging fruit
21 has been taken. Where we have these opportunities, we
22 insist on the LIDs and the regional projects. But we're
23 moving into an area where the projects are going to get much
24 harder to find and fund.

25 And that's a real challenge. And I know -- you

1 know, I'll point to Rich, who is behind Steve, who held up
2 the -- his funding document that's going to be released on
3 Monday. We're working really hard to come up with funding
4 sources, because it is really going to be a challenge.

5 So it's not that we're ignoring it. We are very
6 cognizant to that. That is probably the crux of where the
7 effort is.

8 BOARD MEMBER GLICKFELD: Thank you. So -- thank
9 you both very much. Really, I think my questions have been
10 answered.

11 UNIDENTIFIED MALE: I would like to say a couple
12 of things if I might about that. You brought up the idea of
13 water agencies paying for water going in. That's one of the
14 recommendations that we've got in this study is how to look
15 at -- at that whole element of how -- if we're paying to put
16 the water in the ground, can we get some money back from the
17 water agencies. So that's something that is -- monetizing
18 of the stormwater, it's a legal question right now, and
19 we're looking at that.

20 BOARD MEMBER GLICKFELD: Well, it's also that
21 these same water agencies are putting urban runoff on the
22 ground as they -- you know, as they flush out lines, as they
23 do other things.

24 UNIDENTIFIED MALE: Right.

25 BOARD MEMBER GLICKFELD: So there's a circular

1 connection there. But thank you very much. Thank you.

2 UNIDENTIFIED MALE: And one other quick thing
3 about that. One of the things that we were able to get
4 through this year was AB 2403, which was a bill that Senator
5 Rendon sponsored and worked with Heal the Bay on this. And
6 that allows the stormwater that's used for water supply to
7 be treated differently under 218 than stormwater normally
8 is. 218 is one of the biggest problems we have, not just in
9 the poor cities, but everybody. There are some things going
10 on, and maybe we should come back and report to you more
11 fully on that.

12 BOARD MEMBER GLICKFELD: I think you should.
13 Thank you.

14 So, you know, one of the -- I guess the
15 recommendation to the Board and to the staff is that I'm a
16 little -- I don't see that much progress on the funding
17 since the last -- in the last two years. There's this one
18 bill. But I -- you know, we expect all the MS4 permittees
19 to find the money to do this expedited way. We expect it to
20 be done.

21 And the other point is we ought to be working with
22 our own Division of Financial Assistance because they are
23 very focused on disadvantaged communities and our
24 communities should be getting their share of those funds.
25 So that's my concern.

1 The other thing that I wanted to ask Renee about
2 is this whole -- this whole thing is built on these
3 Reasonable Assurance Documents. And that's all built on
4 these one or two different models that each group is using.
5 Has any national-level board of experts reviewed these
6 models to see if they're robust enough to come out with
7 saying, Oh, it's the zinc; if we fix the zinc, it's all
8 okay. Is that really the -- in terms of the estimates of
9 the water that needs to be treated and the estimates of
10 which are the key pollutants, do you feel confident -- does
11 our modeling expert feel confident that these models can do
12 this?

13 MS. PURDY: So the answer to that is yes. Most of
14 them are using what is called the L.A. County Watershed
15 Management Modeling System. Not all of them, but the
16 majority are using that, as well, as the enhanced watershed
17 management program groups.

18 And, in fact, Mr. C.P. Lai was on the technical
19 advisory committee for the development of that model along
20 with a number of USEPA representatives as well. So that
21 modeling system was vetted heavily amongst experts across
22 the country and was specifically designed for this purpose.

23 I mean, really, I think L.A. County saw that they
24 were going to need a tool like this. As they saw more and
25 more TMDLs getting adopted and they knew we were looking

1 towards the next permit cycle and incorporating those TMDLs,
2 they knew that they would need to have a tool that could be
3 used throughout the county. And so they developed that
4 modeling system to do the work that -- exactly what is
5 needed through a Reasonable Assurance Analysis.

6 And then other models that are being used, there
7 are some other ones that are being used that have also been
8 developed in the region. The SDPAT you heard about. That
9 was a -- also a coordinated project amongst the City of
10 Los Angeles and the County of Los Angeles, as well as,
11 USEPA. And I think actually Heal the Bay helped oversee
12 that as well.

13 And then there are some that are models that were
14 developed by USEPA themselves that some other groups are
15 using.

16 So these are all -- the permit required that all
17 of the models that are used be publicly available in the
18 public domain. And, basically, all the data that goes into
19 them, the data that's been peer reviewed, and -- we have a
20 high level of confidence in.

21 So these models are models that have been used
22 across -- in many cases across the nation. When we're
23 talking about some of the EPA models that are just
24 off-the-shelf models that the municipalities can take and
25 use for the pollutant, both the hydrology of the watershed,

1 as well as, the pollutant loading. And, also, then most of
2 them have a BMP component where you can then run scenarios
3 with a variety of BMPs to see what sort of load reductions
4 you're expected to get for different types of pollutants.

5 So, I mean, all the models that are being used are
6 very well-known, well-established models that were designed
7 to do this kind of work.

8 BOARD MEMBER GLICKFELD: Okay. Thank you.

9 So my other issue -- my other concern is that I
10 think we have two different kinds of plans being submitted
11 to us today. One is seven cities submitted a plan that I
12 think you've sent out letters of non-compliance on, and
13 they'll be reverting back to the TMDL approach. And the
14 other, what we saw was what I thought were very strong
15 efforts to try to comply with the intent of the watershed
16 planning effort that we wrote -- that you wrote and we
17 approved in our -- in our MS4 permit.

18 I think that the question there, as I understand
19 it, is whether or not the details have been actually done in
20 the right way. So you'll be working with them.

21 Can you tell us what you are learning about this
22 process as the big enhanced watershed management area plans
23 come in next year?

24 MS. PURDY: Well, that's a big question. What am
25 I learning?

1 BOARD MEMBER GLICKFELD: No. I mean, the point --
2 whether you have that answer now, I think that this is the
3 time to think about what kind of direction and what kind of
4 communication you have with this -- the groups that are
5 engaged in the large-scale plans about what -- to give them
6 a better idea of what we're expecting. I think they should
7 be watching this as well.

8 MS. PURDY: Yes. And they are. I know they are.
9 And I think I even said we had a TAC meeting or -- you
10 know, the permit requires us to -- required us to form or
11 convene a technical advisory committee to help with the
12 development of these watershed management programs and
13 enhanced watershed management program. And we've been
14 continuing to meet with that group, and we had an -- I think
15 our last meeting was -- I believe it was at the end of
16 August or maybe it was in September. I can't -- I'm losing
17 track of time. It was recent. It feels like it was very
18 recent. And we had a discussion about that, that many of
19 the things that we're -- you know, we're verbally providing
20 feedback to the groups you've heard from today. And we're
21 doing that through the TAC. We're doing that through
22 individual meetings; they're coming in and sitting down with
23 us so we can give them our preliminary comments.

24 And the groups that are doing the enhanced
25 watershed management program are getting to hear those

1 comments as well. So they know that we want to make sure
2 that there's enough specificity with regard to watershed
3 control measures that are going to be implemented to meet
4 early deadlines.

5 We know that they know that we want to make sure
6 that their time frames are well justified when they're --
7 you know, they're time lines that don't relate to TMDLs but
8 other water quality priorities.

9 So I think that all of the groups are listening
10 very carefully. I also know that in some cases we have
11 entities like the County of Los Angeles and the City of
12 Los Angeles who are participating in both watershed
13 management program and enhanced programs. And so there's
14 that continuity. They're taking the things that they're
15 hearing from us related to the watershed management program
16 and they're able to then apply them as they're continuing to
17 work on the enhanced programs.

18 So I think that the lessons that we are learning
19 along the way and the areas where we are intending to have
20 comments back to these groups, the enhanced groups are
21 hearing that. And it is my greatest hope that they will
22 take that to heart and make sure when they submit their
23 drafts to us that they will have addressed a lot of things
24 that we've been talking about with the watershed management
25 program.

1 BOARD MEMBER GLICKFELD: And my last thing is, I
2 would request that all of the people that are leading these
3 watershed management plans really sit down and invite the
4 environmental groups in to talk with you about what their
5 concerns are and try to resolve those concerns. I think
6 that with the issues that they raised in terms of wanting to
7 be sure that you're heading in the right direction, you
8 know, it's only a model, and wanting to make sure that you
9 don't wait until the last deadline to -- to try to comply
10 but also pay attention to the earlier interim deadlines. I
11 think those are very important issues and that you'll get a
12 lot further if you work with them.

13 So thank you.

14 EXECUTIVE OFFICER UNGER: Ms. Glickfeld, may I
15 just -- I'm trying to add some words to your question about,
16 you know, how staff is essentially regulating this. And it
17 really -- and what we have learned -- and it has been quite
18 a challenge in the sense that I can't think of a program at
19 the Board where, essentially, overnight we're regulating a
20 program in a totally different manner than we've regulated
21 previously.

22 And I think what we're seeing, at least on the
23 management side, is that staff has answered the call
24 admirably and very, very well. And kudos to Renee, kudos to
25 all of our -- and the people now who have joined their unit

1 and are working on this. Because we're doing regulations
2 now in a totally different manner than we've done before,
3 and we've been able to make that transition I think as
4 you've seen by the letters that went out earlier this week.

5 And I have every confidence that we'll be able to use these
6 tools, like RAAs and the models and things like that, to
7 come to grips with them and provide you good
8 recommendations.

9 BOARD MEMBER GLICKFELD: And I'll -- we're going
10 to be in a position where we, if we have to enforce, the --
11 the cities and permittees that are not complying will know
12 well in advance of us doing that.

13 EXECUTIVE OFFICER UNGER: Yes. And let me just be
14 clear that the seven letters that we sent out were not for
15 non-compliance. They were just for deficient plans for
16 entering essentially the watershed management program. So
17 we haven't crossed that other bridge yet.

18 BOARD MEMBER GLICKFELD: Thank you.

19 EXECUTIVE OFFICER UNGER: But I just wanted to be
20 clear on that.

21 But staff has done -- again, kudos to Renee and
22 Ibar (phonetic) and the staff who've chosen to join them in
23 this endeavor of regulating stormwater in a new manner.

24 CHAIR STRINGER: So thank you. I thank everybody.

25

1 I really don't have much to add. I will just
2 briefly say that I'm really encouraged by what I've heard
3 today. I appreciate so much the efforts that the cities and
4 groups are putting forth that have put their plans in and
5 are getting feedback.

6 I deeply appreciate the role of the stakeholder
7 groups and Heal the Bay and NRDC and the Waterkeeper to hold
8 people's feet to the fire. It's a very, very important role
9 that they are playing, a critical role.

10 And I appreciate the cities who chose to take a
11 different route. I was encouraged by Mr. Tahir's statement
12 that they would be submitting plans or programs, WMPs, when
13 the court -- when things ran through the courts as we expect
14 they will. There is a process for that as well.

15 So, as far as I'm concerned, things seem to be
16 very much on track. I don't want perfection to be the enemy
17 to the good. We're moving forward here. Obviously, we need
18 more information and we need more data, at the same time, we
19 need to move forward.

20 My deepest concern is, as others have stated, the
21 lack of resources. That needs to be figured out. To the
22 extent that we can play a role in that, I'd like to
23 understand what role we can play in that. Otherwise, we're
24 going to just see a lot of very pretty PowerPoint
25 presentations with a lot of very inspirational and

1 aspirational ideas without the resources, that's pretty much
2 as far as we're going to get. And I don't think anybody
3 wants that.

4 So it's a monumental effort, and one that's going
5 to take a lot of very strong leadership from those in this
6 room and probably more significantly those not here right
7 now.

8 So thank you all very much for coming. It was
9 extremely helpful and educational, and great work. That
10 should conclude our meeting I think.

11 Oh, we have an EO report.

12 EXECUTIVE OFFICER UNGER: Yes. I was going to say
13 I am not --

14 CHAIR STRINGER: Oh, sorry. We saved the best for
15 last.

16 EXECUTIVE OFFICER UNGER: Well, I don't know.

17 EXECUTIVE OFFICER UNGER: So Sam's EO report is up
18 next.

19 EXECUTIVE OFFICER UNGER: All right. Is this on?

20 CHAIR STRINGER: Yeah.

21 EXECUTIVE OFFICER UNGER: Well, we were hoping
22 that -- here we are with the -- so I really just have four
23 items I want to report out to you on.

24 The first, I want to let you know about our
25 progress on Carousel. I want to mention that the -- there's

1 been a notice for the State drinking water permit for
2 discharges into the MS4 systems and where we are sitting
3 with that at the moment. I also want to talk to you a
4 little bit the Sullivan Canyon this week and give you some
5 news, just because we haven't talked about it in a long
6 time, on Ujima Village and what is going on there.

7 So, first, Carousel. Really, our activities are
8 really focused on planning of the cleanup, including the
9 review of the revised RAP, the Remedial Action Plan, that
10 was submitted by Shell. Preparation of an environmental
11 impact report to talk about the impacts during the cleanup
12 and planning for community outreach.

13 In brief summary, the revised RAP is based on the
14 use of several cleanup technologies, including excavation of
15 areas around the homes to a minimum depth of five feet. And
16 if contaminants are still found at the five-foot depth,
17 continued excavation at those properties to a ten-foot
18 depth.

19 In addition to the excavation, the Remedial Action
20 Plan proposed soil vapor extraction and bioremediation to
21 address contaminants that may not be accessed by excavation.

22 And as I've reported to you before, a major
23 concern of ours in the environmental investigation is the
24 issue of potential vapor intrusion into the homes from
25 vapors that may be emanating from the soil.

1 And, although, over five-plus years now of
2 extensive data collection there's no evidence of vapor
3 intrusion to date, the revised draft also includes an offer
4 to install a sub-slab mitigation system at any home in the
5 tract whose owners request such a system.

6 Further, the revised RAP also includes what I
7 would call a loss compensation program for residents who
8 wish to sell their houses but cannot receive full market
9 value due to the contamination on-site.

10 We expect to have the draft EIR completed in about
11 a month and then start our public outreach in the middle of
12 November. In public outreach, we have a couple of key
13 goals. Really what we want to do is give residents a better
14 understanding of the proposed RAP and EIR. We want to
15 essentially try to have a dialogue with the Regional Board
16 staff about the cleanup process and time line. And we want
17 to let the community know that there's going to be a public
18 comment period of about 45 days where they'll have an
19 opportunity for questions and answers and to provide us
20 written comments.

21 Our UCLA community outreach partners have advised
22 us that small-group, neighborhood-type meeting are the most
23 productive way to achieve those goals and for the Regional
24 Board staff to present and explain the proposed RAP and the
25 EIR to the Carousel residents.

1 Details of those planning is, Paul is taking the
2 lead on planning, being greatly assisted by Suzanna and,
3 again, our UCLA public outreach.

4 One of the six meetings that we are planning by
5 invitation only will be held totally in Spanish for
6 residents.

7 So we're working on getting all those planned for
8 the middle of November maybe slipping into early December.
9 That will start a 45-day comment period. Essentially, when
10 we get all the comments that we have, and then we'll be in a
11 position to either concur or not concur or concur with
12 revisions to Remedial Action Plans. So we'd hoped to have
13 that done by the end this year; it looks like we're probably
14 about a month behind, like I said, from the schedules'
15 standpoint.

16 BOARD MEMBER GLICKFELD: Sam --

17 EXECUTIVE OFFICER UNGER: Yes.

18 BOARD MEMBER GLICKFELD: If I could?

19 EXECUTIVE OFFICER UNGER: Sure. Yeah.

20 BOARD MEMBER GLICKFELD: When is it that the
21 Board -- usually this would be no question that this would
22 be something that you would decide --

23 EXECUTIVE OFFICER UNGER: Uh-huh.

24 BOARD MEMBER GLICKFELD: -- as an Executive
25 Officer.

1 EXECUTIVE OFFICER UNGER: Right.

2 BOARD MEMBER GLICKFELD: We have never had the
3 discussion about whether we want to have this brought to the
4 Board because it's such a big issue and whether or not we
5 want to have -- in addition to these small meetings, we want
6 to have a big -- at least a big public hearing at this
7 point. So that the -- so that the communities knows that
8 this Board is engaged and we consider this not a routine
9 matter.

10 I don't know -- I don't know how my colleagues
11 feel about that. I think we shouldn't be discussing or
12 deciding that now, but I want to make sure that before the
13 decision point comes, we should be aware that we need to
14 decide whether we want to take it up ourselves.

15 CHAIR STRINGER: It's very much on our radar.

16 BOARD MEMBER GLICKFELD: Okay.

17 CHAIR STRINGER: So it's something that, you know,
18 I know Sam is thinking about and --

19 BOARD MEMBER GLICKFELD: So when is the Board
20 going to talk about it?

21 EXECUTIVE OFFICER UNGER: Well, I don't think -- I
22 think at this point we should wait until we have the
23 comments in from the 45-day comment period at least before
24 any -- and then possibly to allow staff time to respond to
25 those comments, so we have responses in hand to you. And

1 that would probably be the time to start thinking about
2 whether you wanted it to be a Board decision or whether you
3 wanted to keep the decision delegated to staff.

4 CHAIR STRINGER: Just to be clear, the decision,
5 about what time frame we talking about in terms of the
6 decision being made?

7 EXECUTIVE OFFICER UNGER: 45 days. I'm thinking
8 early spring; March, April --

9 CHAIR STRINGER: Yeah.

10 MR. UNGER: -- somewhere in that time frame.

11 BOARD MEMBER GLICKFELD: So I didn't want to say
12 that I felt one way or the other. I think we have to decide
13 what the best way is for this community.

14 CHAIR STRINGER: Yeah, and we will. And it's very
15 much on -- I know it's very much on Sam's radar. So thank
16 you.

17 EXECUTIVE OFFICER UNGER: But I think we just --
18 we want to have all the comments in for you, so -- yeah.

19 State-wide drinking water permit -- excuse me.
20 The State Board issued a draft permit for public review on
21 Monday regarding discharges from drinking water systems that
22 reach MS4s.

23 As you know, this Board held an information item
24 earlier this year when Mr. Don Ortega and Dr. David
25 Kimbrough addressed you with their concerns regarding NPDES

1 permits for these types of discharges. And at that meeting,
2 you encouraged us to pursue a local solution. And we have
3 been working with -- to develop an MOU between the drinking
4 water system operators and MS4 permittees for the L.A. MS4
5 permit.

6 We've essentially been brokering those discussions
7 because we don't intend to enter into that MOU. But we've
8 been working with a small group of people that Dr. Kimbrough
9 and Mr. Ortega put together with L.A. County Flood Control
10 staff. So, basically, those discussions are ongoing. We've
11 made a lot of progress in MOU language. We're having an
12 additional discussion this week coming forth. And we hope
13 to have something that would be a draft that could be
14 essentially acceptable to both the water purveyors and to
15 the MS4 permittees.

16 But back to the State Board permit, since we just
17 received the draft this week, we've not been able to do a
18 thorough review. It appears that there are two provisions
19 that directly affect the regulation of these discharges by
20 the regions. First, the monitoring and reporting
21 requirements. In an early draft, it was discussed that the
22 Regional Board Executive Officers would have authority to
23 revise the monitoring and reporting requirements for
24 discharges in specific regions. Again, we know we like
25 TMDLs and we would have some more of those requirements in

1 this region. The draft version that is out on the street at
2 this point, though, has limited that authority to the
3 Director of Water Quality at the State Board.

4 However, on the other side, TMDLs are referenced
5 in the permits, and the permit does allow the Regional Board
6 to issue its own permit if necessary to ensure compliance
7 with TMDRs.

8 And so, basically, we're -- we're in discussions
9 on both of those issues internally. We haven't yet decided,
10 you know, how we're going to interface with State Board on
11 this. There's -- you know, there is a preference for how
12 they'd like to receive their input if we do have comments
13 during this public comment period, and Deb and I will be
14 working with that to try to ensure that what we have heard
15 from the Board to date and anything that we may hear now or
16 anything you may want to tell us during this comment period
17 is reflected.

18 BOARD MEMBER GLICKFELD: Mr. Chairman, I have been
19 in conversations with some of the State Board Members on
20 this for other reasons, not to do with us. And I feel very
21 strongly that they're -- the staff -- State staff is being
22 driven in this by their concern for a lot of very small,
23 very poor water agencies in the Central Valley who they hear
24 from a lot because they're in the Central Valley.

25 So what I don't think they fully appreciate is

1 that we have water agencies that are doing water treatment
2 and putting 10 million gallons a day of runoff out onto the
3 streets here. And I think that -- I'm concerned that
4 they're going to create a one-size-all thing that will
5 preempt the very thing that we're trying to do, which is
6 engage the water districts in helping our MS4 permittees.

7 You know, we don't want them to be responsible for
8 all of the water that the water districts are putting in
9 there, but if that State permit goes through the wrong way,
10 they will be. And I just hope that you -- and you work with
11 Sam over these next few days and perhaps maybe you sign the
12 comments as well? I don't know. I just think that they
13 haven't been very -- very easy to influence on this.

14 CHAIR STRINGER: Yeah, I understand. I've had
15 similar conversations.

16 So, Sam, we can talk about it.

17 EXECUTIVE OFFICER UNGER: Yes.

18 Onto Sullivan Canyon. Last week -- or this week
19 actually -- well, last week, we were informed by Board
20 Member Diamond of removal of mature oak trees in the south
21 Sullivan Canyon Watershed. We know it's in the Santa Monica
22 Mountains just west of the UCLA area between UCLA and the
23 ocean.

24 Board staff prioritized an inspection of the site,
25 sending out Core 1 staff. And it appeared that all of the

1 requirements of a 401 certification that we issued were not
2 met. Essentially -- the staff's inspection essentially
3 served to halt the work for several days, but over this past
4 weekend we heard that the work restarted again and many of
5 the oak trees were removed.

6 We issued a Notice of Violation for 401
7 certification violations and also have completed an
8 inspection for stormwater issues that Mr. Marley is now
9 looking at that inspection report for possible other
10 noticing and possible other compliance.

11 However, I would say that just the day before
12 yesterday we did conduct a second 401 certification --
13 excuse me -- 401 inspection, and we were accompanied by Fish
14 and Wildlife staff. And they had their own approvals of
15 this project. And the Fish and Wildlife staff determined
16 that the project proponents did not have a valid Streambed
17 Alteration Agreement or quote, unquote, an Operation of Law
18 letter from Fish and Wildlife.

19 The Warden instructed the proponents to stop
20 clearing until they had a valid SSA. It's generally about
21 90 days to take this, so -- to essentially resolve this
22 issue of the cease and desist that was issued by Fish and
23 Wildlife.

24 So I think our staff was very effective in
25 bringing in another State agency. As you may have heard,

1 they've also issued -- there were also calls made to the
2 City of Los Angeles, and apparently there is an oak tree
3 ordinance. It's not clear to us at this point whether that
4 was being enforced.

5 I do have a photo from where the site looks right
6 now if you just want to see it.

7 Jerry, if you could pull that up.

8 Quickly, but that's -- that's what's going on
9 there. You'll see that not all the oak trees have been
10 removed yet, but still there are quite a number of debris
11 and -- a lot of debris that was in the streambed
12 constituting the violations that we've noticed and we're
13 considering further.

14 BOARD MEMBER GLICKFELD: Oh.

15 EXECUTIVE OFFICER UNGER: Yeah.

16 BOARD MEMBER DIAMOND: I'll just add that it was
17 about 55 trees that were removed. I don't know how many
18 more there are. But just so that everybody -- I've already
19 shared it with our Board and just wanted to make sure
20 everyone hears it that the people who contacted me and who
21 reported that have been so complimentary about staff. And
22 it should be noted that -- you know, that we were really
23 responsive.

24 And I want to thank you for doing that. It's
25 heartbreaking to see all those mature oak trees torn down,

1 especially during a drought when we know that trees are
2 really cisterns. And so it's very damaging to water as well
3 as to habitat.

4 But thank you again for all that staff did and
5 please thank Valerie.

6 EXECUTIVE OFFICER UNGER: Yes. Valerie
7 (inaudible) they call them. They've been working on it very
8 diligently and they've done a great job.

9 And then finally, just to let you know on Ujima
10 Village, we haven't talked about it in a long time, but we
11 had a very -- what I consider a very positive meeting with
12 representatives from the Los Angeles County Department of
13 Parks and Recreation and discussed the plans for a future
14 Earvin Magic Johnson regional park.

15 And I have to say that they brought in some of
16 their consultants, and they're looking worldwide at other
17 parks and things like that for different concepts that
18 they'll be bringing out to the community. It's going to be
19 absolutely amazing if they can get the funding for it and
20 things like that, but there are several options on the
21 table.

22 To me, one is more recreational based with
23 athletic facilities; one is more on a cultural base based on
24 the community; and one is more ecologically based with
25 trying to build constructed wetlands. But in all cases --

1 and they are going to be going out essentially to the
2 community with a series of meetings and trying to gauge what
3 the community is interested in.

4 What -- the reason they approached us for this
5 meeting is they wanted to be sure that the remediation that
6 is going to be going on for decades would be compatible
7 essentially with this. And we were happy to inform them
8 that it is indeed. We're looking at soil vapor extraction
9 as the major instrument, technology that will be used, all
10 of that can be placed underground. Maintenance of it,
11 essentially of the piping and the wells, can be subsurface.
12 So and we have some flexibility in the location of where
13 those wells are. And so we could work with various site
14 features.

15 So it's all on a rather conceptual scale, but, you
16 know, basically it's, you know, a very positive type of
17 outreach to them.

18 And just one last piece on the remediation that
19 was conducted under our order, is that the surface
20 excavation was all done last summer, the previous summer
21 before this. And I think I've reported out to you and that
22 before. And that was done with minimal impact to operation
23 of the park. Now --

24 BOARD MEMBER GLICKFELD: If I could, Mr. Chairman?
25 Mr. Chairman, can I ask a question?

1 CHAIR STRINGER: Of course.

2 BOARD MEMBER GLICKFELD: Just is it possible that
3 part of this park could be retaining stormwater? Is it
4 too --

5 EXECUTIVE OFFICER UNGER: Oh, absolutely. We
6 talked about that at the meeting, too, and so that's on
7 their radar, too. And so we're working actually with
8 Supervisor Ridley-Thomas' office --

9 BOARD MEMBER GLICKFELD: Just point them to the
10 right watershed group.

11 EXECUTIVE OFFICER UNGER: Yes, okay or, you know,
12 enhanced watershed group perhaps?

13 And then I would also say that we -- also on
14 September 13th of this year we participated with DTSC in
15 successfully conducting a community open house. The
16 Regional Board staff engaged in one-on-one dialog with those
17 in attendance answering questions, discussing the status of
18 our investigation, monitoring any cleanup of the site. The
19 agencies also in attendance were the federal Agency for
20 Toxic Substances and Disease Registry, the California
21 Department of Public Health, and the Los Angeles County
22 Assessor's Office, who also took part in the open house.

23 And, again, we are starting -- we completed and
24 started up Phase 1 of the SVE System 2, which is the area
25 east -- a residential area east of the site. We're going to

1 be going out and looking at the area south of the park at
2 this point to see if soil vapor extraction is also needed in
3 that area.

4 And I think that's about it. But I'll try to
5 bring back possibly (indiscernible 5:35:54) we may get
6 copies of some of the plans, the conceptual plans, try to
7 get those to you and -- if you're interested in seeing them.

8 But it's really quite impressive, and I think everyone came
9 away from our meeting feeling that we would work with them
10 to essentially have our remediation system operating in
11 conformance and working within the park that they're going
12 to rebuild at some point, so --

13 CHAIR STRINGER: Great. Thank you very much, Sam.

14 EXECUTIVE OFFICER UNGER: And that's it.

15 CHAIR STRINGER: Any questions or comments from
16 anyone? Thank you.

17 BOARD MEMBER GLICKFELD: Thank you.

18 CHAIR STRINGER: Thank you everybody, long day.

19 BOARD MEMBER GLICKFELD: Thank you, Renee.

20 CHAIR STRINGER: Good day.

21 (The Los Angeles Regional Water Quality Control Board
22 adjourned into Closed Session at 5:36 p.m.)

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REPORTER'S CERTIFICATE

RB-AR2562

I do hereby certify that the testimony in the foregoing hearing was taken at the time and place therein stated; that the testimony of said witnesses were reported by me, a disinterested person, and was under my supervision thereafter transcribed into typewriting.

And I further certify that I am not of counsel or attorney for either or any of the parties to said hearing nor in any way interested in the outcome of the cause named in said caption.

IN WITNESS WHEREOF,

I have hereunto set my hand this 9th day of December, 2014

Jacqueline Denlinger

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I do hereby certify that the testimony in the foregoing hearing was taken at the time and place therein stated; that the testimony of said witnesses were transcribed by me, a certified transcriber and a disinterested person, and was under my supervision thereafter transcribed into typewriting.

And I further certify that I am not of counsel or attorney for either or any of the parties to said hearing nor in any way interested in the outcome of the cause named in said caption.

IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of December, 2014.



Terri Harper
Certified Transcriber
AAERT No. CET**D-709