



San Gabriel Valley Council of Governments
AGENDA AND NOTICE OF THE JOINT MEETING OF THE WATER
POLICY COMMITTEE & WATER TECHNICAL ADVISORY
COMMITTEE (TAC)

Tuesday, September 8, 2020, 10:00 AM

Teleconference Meeting: Livestream available via sgvcog.org

**Water Policy
Chair**
Diana Mahmud
 City of South Pasadena

Vice-Chair
Gloria Crudgington
 City of Monrovia

MEMBERS
Claremont
Glendora
Monrovia
Rosemead
Sierra Madre
South Pasadena
LA County District 1

**Water TAC
Chair**
Tom Love
 Upper San Gabriel Valley
 Municipal Water District

Vice Chair
Alex Tachiki
 City of Monrovia

MEMBERS
Alhambra
Arcadia
Bradbury
Covina
Duarte
Glendora
Monrovia
Pomona
Sierra Madre
LA County DPW
Upper San Gabriel Valley
MWD

EX-OFFICIO
LA County Sanitation
Districts
SG Basin Watermaster

Thank you for participating in today’s meeting. The Water Committee encourages public participation and invites you to share your views on agenda items.

MEETINGS: *Regular Meetings of the Water Committee are held on the second Tuesday of each month at 10:00 AM at the Upper San Gabriel Valley Municipal Water District Offices (602 E. Huntington Drive, Suite B Monrovia, CA 91016).* The agenda packet is available at the San Gabriel Valley Council of Government’s (SGVCOG) Office, 1000 South Fremont Avenue, Suite 10210, Alhambra, CA, and on the website, www.sgvcog.org. Copies are available via email upon request (sgv@sgvcog.org). Documents distributed to a majority of the Committee after the posting will be available for review in the SGVCOG office and on the SGVCOG website. Your attendance at this public meeting may result in the recording of your voice.

PUBLIC PARTICIPATION: Your participation is welcomed and invited at all Water Committee and Water TAC meetings. Time is reserved at each regular meeting for those who wish to address the Committee. SGVCOG requests that persons addressing the Committee refrain from making personal, slanderous, profane or disruptive remarks.

TO ADDRESS THE COMMITTEE: At a regular meeting, the public may comment on any matter within the jurisdiction of the Committee during the public comment period and may also comment on any agenda item at the time it is discussed. At a special meeting, the public may only comment on items that are on the agenda. Members of the public wishing to speak are asked to complete a comment card or simply rise to be recognized when the Chair asks for public comments to speak. We ask that members of the public state their name for the record and keep their remarks brief. If several persons wish to address the Committee on a single item, the Chair may impose a time limit on individual remarks at the beginning of discussion. **The Water Committee and Water TAC may not discuss or vote on items not on the agenda.**

AGENDA ITEMS: The Agenda contains the regular order of business of the Water Committee and the Water TAC. Items on the Agenda have generally been reviewed and investigated by the staff in advance of the meeting so that the Committee/TAC can be fully informed about a matter before making its decision.

CONSENT CALENDAR: Items listed on the Consent Calendar are considered to be routine and will be acted upon by one motion. There will be no separate discussion on these items unless a Committee member or citizen so requests. In this event, the item will be removed from the Consent Calendar and considered after the Consent Calendar. If you would like an item on the Consent Calendar discussed, simply tell Staff or a member of the Committee.



MEETING MODIFICATIONS DUE TO THE STATE AND LOCAL STATE OF EMERGENCY RESULTING FROM THE THREAT OF COVID-19:

On March 17, 2020, Governor Gavin Newsom issued Executive Order N-29-20 authorizing a local legislative body to hold public meetings via teleconferencing and allows for members of the public to observe and address the meeting telephonically or electronically to promote social distancing due to the state and local State of Emergency resulting from the threat of the Novel Coronavirus (COVID-19).

To follow the new Order issued by the Governor and ensure the safety of Board Members and staff for the purpose of limiting the risk of COVID-19, in-person public participation at the Water Committee/TAC meeting scheduled for Tuesday, September 8 at 10:00 a.m. will not be allowed. Members of the public may view the meeting live at <https://youtu.be/8z7bJpAHkeE>.

Submission of Public Comments: For those wishing to make public comments on agenda and non-agenda items you may submit comments via email or by phone.

- Email: Please submit via email your public comment to Samantha Matthews at smatthews@sgvcog.org at least 1 hour prior to the scheduled meeting time. Please indicate in the Subject Line of the email “FOR PUBLIC COMMENT.” Emailed public comments will be part of the recorded meeting minutes but will not be read aloud. A copy of all public comments will be forwarded to the Committee.
- Phone: Please email your name and phone number to Samantha Matthews at smatthews@sgvcog.org at least 1 hour prior to the scheduled meeting time for the specific agenda item you wish to provide public comment on. Please indicate in the Subject Line of the email “FOR PUBLIC COMMENT.” You will be called on the phone number provided at the appropriate time, either during general public comment or specific agenda item. Wait to be called upon by staff, and then you may provide verbal comments for up to 3 minutes.

Any member of the public requiring a reasonable accommodation to participate in this meeting should contact Samantha Matthews at least 48 hours prior to the meeting at (626) 457-1800 or email smatthews@sgvcog.org.

PRELIMINARY BUSINESS

1. Call to Order
2. Roll Call
3. Public Comment (*If necessary, the Chair may place reasonable time limits on all comments*).
4. Changes to Agenda Order: Identify emergency items arising after agenda posting and requiring action prior to next regular meeting.

CONSENT CALENDAR (*It is anticipated that the Water Committee/TAC may act on the following matters*)

5. Water Committee/TAC Meeting Minutes – Page 1
Recommended Action: Approve July 14, 2020 Water Committee/TAC meeting minutes.

ACTION ITEM

6. Election of Chair and Vice Chair
Recommended Action: Elect Chair and Vice Chair of Water Policy Committee.

PRESENTATIONS

7. Upper Los Angeles River and Rio Hondo Watershed Area Fire Effects Study – Matt Rich, Program Manager, Wood PLC – Page 5
Recommended Action: For information only.

DISCUSSION ITEMS

8. 2020 Municipal Separate Storm Sewer System (MS4) Draft Permit – Page 23
Recommended Action: For discussion.

UPDATE ITEMS (*It is anticipated that the Water Committee/TAC may act on the following matters*)

9. Safe Clean Water Program – Page 25
Recommended Action: For information only.
10. Legislative Updates – Page 38
Recommended Action: For information only.
11. Litigation Update
Recommended Action: For information only
12. E/WMP Updates
Recommended Action: For information only.
13. Water TAC Chair Report
Recommended Action: For information only.
14. Water Supply Update
Recommended Action: For information only.
15. Water Boards Update
Recommended Action: For information only.

CHAIR'S REPORT

ANNOUNCEMENTS

ADJOURN



**SGVCOG Joint Water Policy Committee/TAC Meeting
Unapproved Minutes**

Date: July 14, 2020
Time: 10:00 AM
Location: Zoom/YouTube teleconference meeting

PRELIMINARY BUSINESS

1. Call to Order: The meeting was called to order at 10:03 A.M.
2. Roll Call

Water Policy Committee Members Present

J. Stark; Claremont
G. Boyer, J. Nelson; Glendora
G. Crudgington; Monrovia
M. Clark; Rosemead
D. Mahmud; South Pasadena

Water Policy Committee Members Absent

LA County District #1
Sierra Madre

Water TAC Members Present

D. Dolphin; Alhambra
K. Kearney; Bradbury
S. Costandi, S. Gallant; Covina
A. Hamilton; Duarte
R. Wang; LA County Public Works
A. Tachiki; Monrovia
J. Carver; Pomona
J. Carlson; Sierra Madre
E. Reyes; SGVWMD
T. Love, P. Cortez; USGVMWD

Water TAC Members Absent

Arcadia
Glendora

Ex Officio Members Present

K. Gardner, L. Augino; SG Basin Watermaster

Ex Officio Members Absent

LA County Sanitation Districts

Guests

N. Espinoza, C. Novell, E. Lee; The Energy Coalition
M. Lyons; Amm. Holden's Office
S. Armenta Lopez; Sen. Rubio's Office
V. Murphy; Sen. Portantino's Office

SGVCOG Staff

S. Matthews
C. Sims
A. Bordallo

3. Public Comment
No public comment.
4. Changes to Agenda Order.

No changes to agenda order.

CONSENT CALENDAR

- 5. Water Committee/TAC March Meeting Minutes
There was a motion to approve the consent calendar.
(M/S: G. Crudgington/J. Stark)

[MOTION PASSED]

AYES:	Claremont; Glendora; Monrovia; Rosemead; South Pasadena; Alhambra; Bradbury; Covina; Duarte; Monrovia; Pomona; Sierra Madre; LA County Public Works; USGVMWD
NOES:	
ABSTAIN:	
ABSENT:	Arcadia; Sierra Madre; LA County District 1

PRESENTATIONS

- 6. Southern California Regional Energy Network (SoCalREN) Public Agency Programs
 N. Espinoza provided an overview of the SoCalREN Public Agency Programs and the Energy Coalition, the implementor of SoCalREN chosen by LA County. C. Novell provided an overview of energy services for water agencies and he work SoCalREN has completed with the City of Monrovia. There were clarifying questions on stormwater infrastructure project energy savings and on Edison’s Time-of-Use rate plans. There was a discussion on Edison’s upcoming rate increase.

ACTION ITEMS

- 7. H.R. 2 (DeFazio) – INVEST in America Act
 S. Matthews provided an overview of the bill which would invest \$1.5 trillion in federal spending across a range of infrastructure areas including wastewater and drinking water, transportation, clean energy, affordable housing, healthcare, schools, and broadband. There was a discussion on the bill, on concerns with earmarks, and on the bill’s job creation.

There was a motion to recommend the Governing Board support H.R. 535.
(M/S: G. Crudgington /J. Stark)

[MOTION PASSED]

AYES:	Claremont; Monrovia; South Pasadena
NOES:	Glendora; Rosemead
ABSTAIN:	
ABSENT:	Sierra Madre; LA County District 1

[MOTION PASSED]

AYES:	Bradbury; Covina; Duarte; Monrovia; Pomona; Sierra Madre; USGVMWD
NOES:	
ABSTAIN:	Alhambra
ABSENT:	Arcadia; Glendora

DISCUSSION ITEMS

8. MS4 Permit Coordination

S. Matthews requested feedback on the COG's procurement of technical consultant services to assist the Committees with negotiating the MS4 Permit and integrating the Safe Clean Water Program into the Permit. There were concerns about consultant conflict of interest. Technical Advisory Committee will consist of 4 external staff members. If TAC members were interested in being on interview committee, they were to email S. Matthews.

9. S.B. 205 (Hertzberg) Implementation and the Industrial General Permit

G. Crudgington asked the Committee for feedback on SB 205 implementation in the cities, response from the Regional Board, and if there were any problems we should address. Regional Board has been slow to responding to requests of businesses. There needs to be better coordination between the Regional Board and businesses. Cities discusses implementing business license fees. S. Matthews will follow-up with multi-language FAQs and contact information.

UPDATE ITEMS

10. Safe Clean Water Program

D. Mahmud provided an update on call with Supervisor Barger's staff to discuss concerns with the program's scoring criteria and scoring committee vacancy. There were updates on the San Gabriel Valley SIPs and the municipal transfer agreement templates.

11. MS4 Monitoring Data Review Report

S. Matthews provided an update on the Regionwide Trends section of the MS4 Monitoring Data Review Report.

12. Legislative Updates

S. Armenta Lopez provided an update on legislative schedule. There will be no committee hearings until the end of July.

13. Litigation Update

No updates.

14. E/WMP Updates

D. Dolphin provided update on E/WMP website that will outline projects. The E/WMP is working on an Annual Report and will meet in August via Zoom.

15. Water TAC Chair Report

The TAC has discussed SCW updates, the MS4 permit, and SB 205.

16. Water Supply Update

T. Love announced there have been no significant changes. While the Colorado River Basin system received 100% of average precipitation, there has only be only 62% runoff due to warm weather earlier in the Spring and evapotranspiration. K. Gardner provided an

update on local water supply, which saw a slight uptick in key well. Production will be higher this year than last year with more handwashing and home and garden water usage.

17. Water Boards Update

CHAIR'S REPORT

D. Mahmud announced that the Committee will not meet in August.

ANNOUNCEMENTS

ADJOURN

Meeting adjourned at 12:13 p.m.

REPORT

DATE: September 8, 2020
TO: Water Policy Committee/TAC
FROM: Marisa Creter, Executive Director
RE: **UPPER LOS ANGELES RIVER AND RIO HONDO WATERSHED AREA
FIRE EFFECTS STUDY**

RECOMMENDED ACTION


For information only.


BACKGROUND

Fires have been shown to increase levels of contaminants, particularly metals, nutrients, and sediment, in subsequent surface water runoff. Downstream water quality can be affected for years following a fire. Wildfires have been increasing in frequency and size in the areas surrounding Los Angeles and upstream of the Upper Los Angeles River (ULAR), in part due to climate change. In response to upcoming TMDL deadlines, the proposed fire effects study will collect and analyze water quality data for three years and develop models for the fate and transport of fire-related contaminants in the ULAR watershed. This research will be used to promote scientifically sound regulations and develop strategies for addressing metals and nutrients in the ULAR. Discussions with the Regional Water Quality Control Board have begun, and the Board indicated interest in the proposed study and a willingness to cooperate throughout.

This scientific study will be submitted for the upcoming Fiscal Year 2021-22 Safe, Clean Water Program call for projects. The study will be submitted by the SGVCOG on behalf of the Upper Los Angeles River (ULAR) Watershed Management Group (WMG).

Matt Rich, Program Manager, Wood PLC will provide a brief presentation at this meeting.

Prepared by: 
Samantha Matthews
Management Analyst

Approved by: 
Marisa Creter
Executive Director

ATTACHMENTS

Attachment A – Presentation



Upper Los Angeles River and Rio Hondo Watershed Area Fire Study

Implementing Scientific Studies to Address Nutrients and Metals in the MS4 from Wildfires

August 2020

Project Team and Roles

wood.



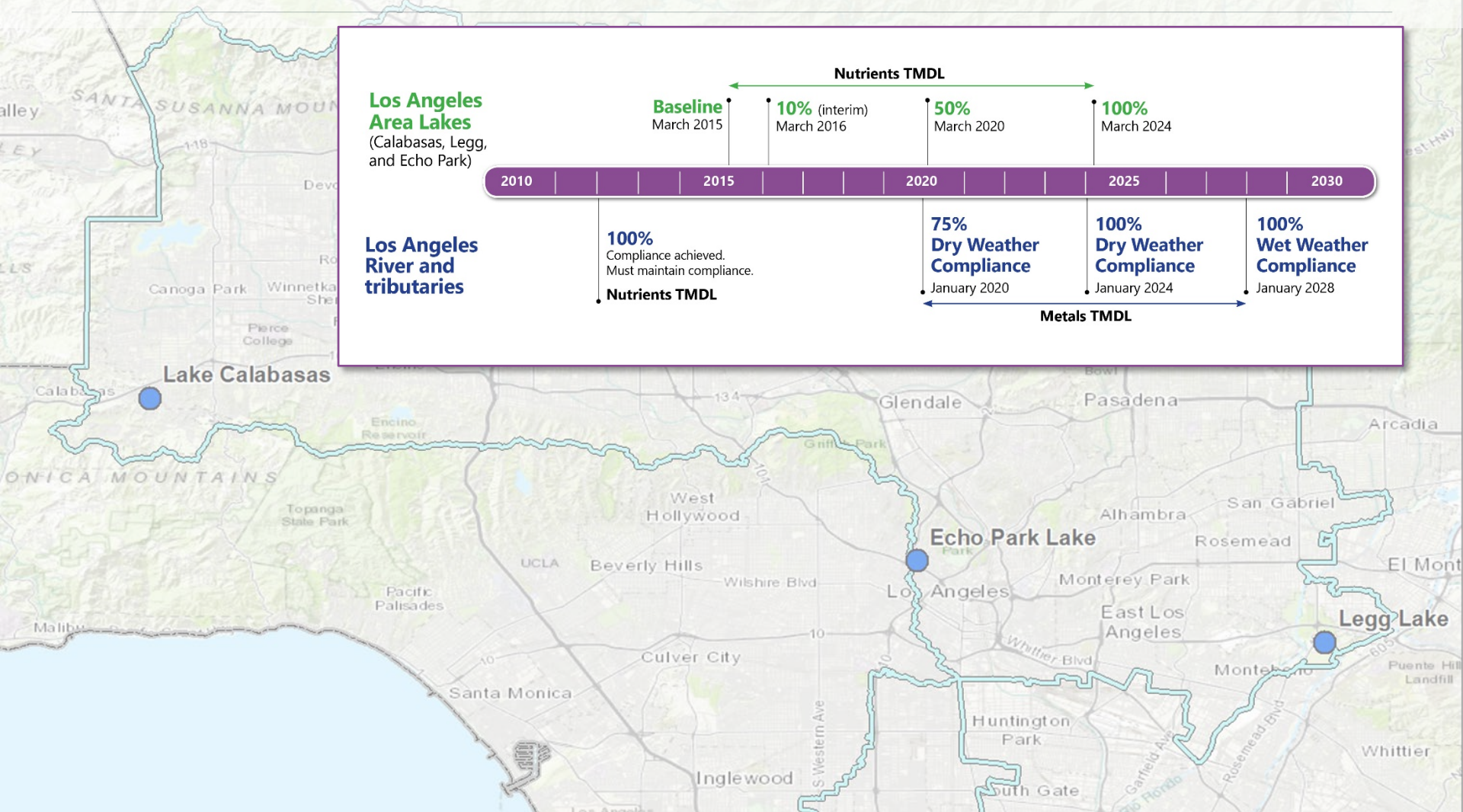
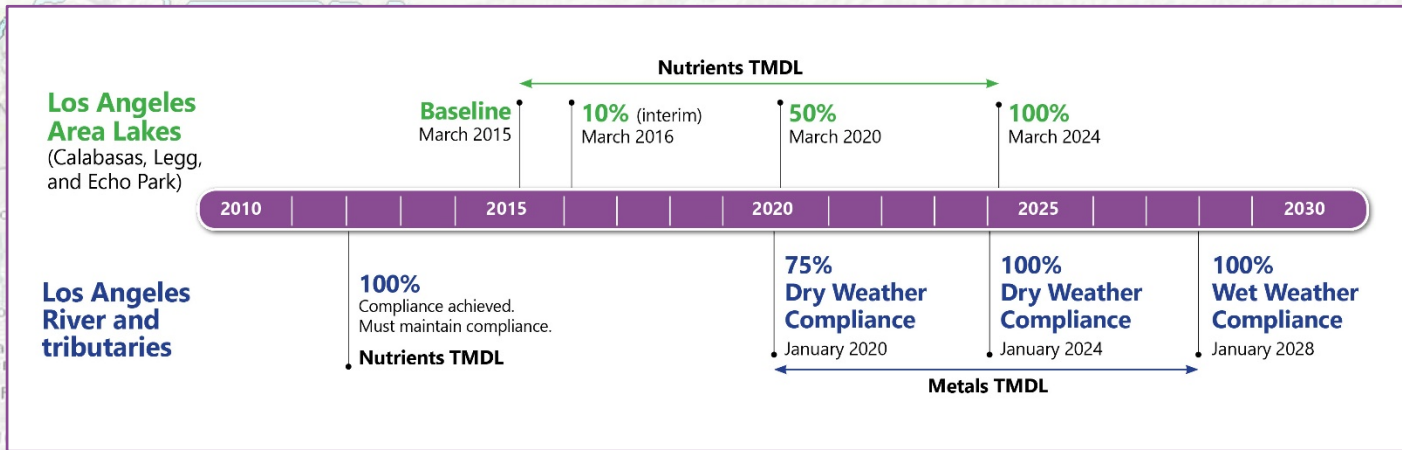
craftwater[™]
engineering, inc.

Regulatory
Collaboration and
Modeling

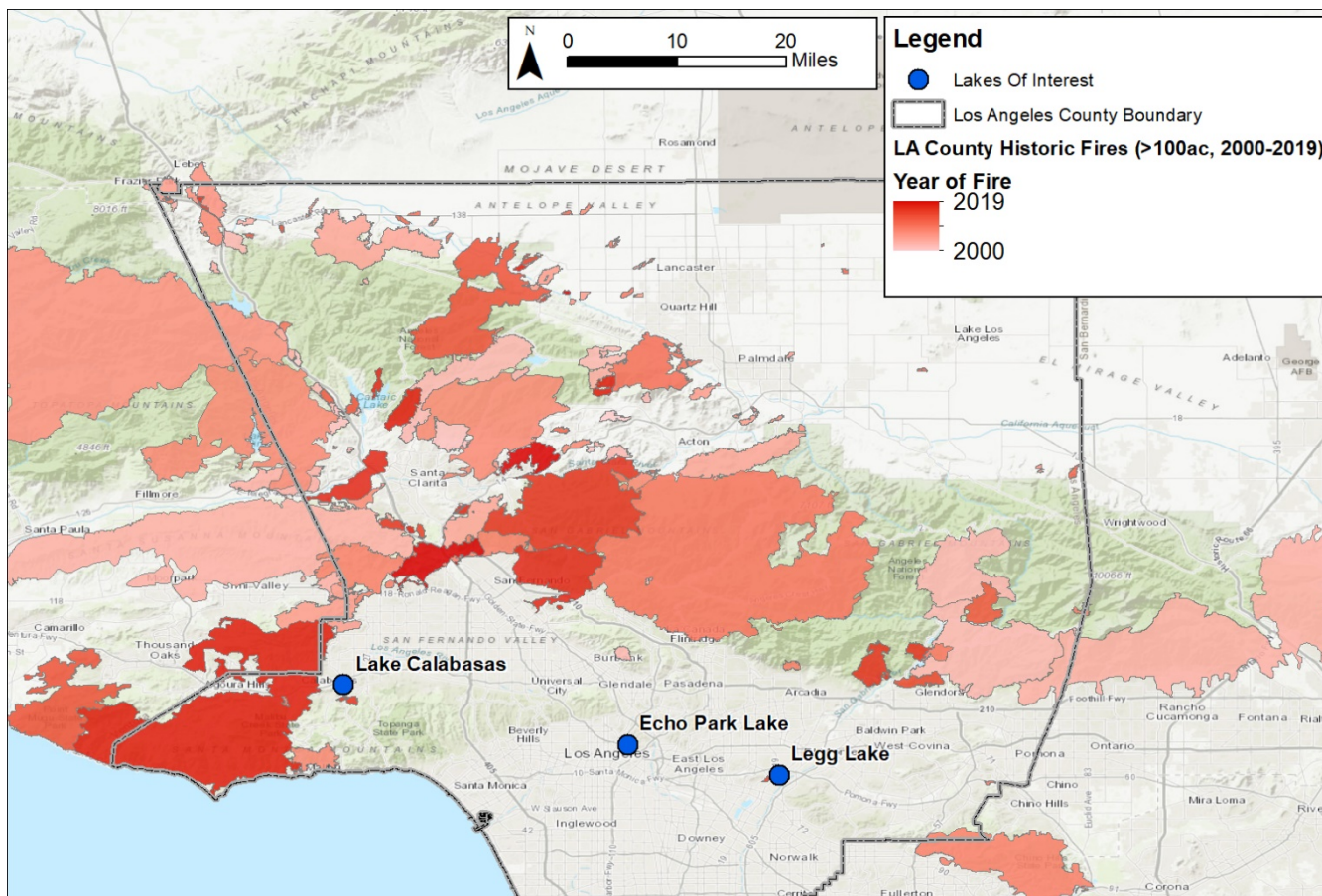
On behalf of the Upper Los Angeles River WMG:

The Cities of Alhambra, Burbank, Calabasas, Glendale, Hidden Hills, La Canada, Flintridge, Los Angeles, Montebello, Monterey Park, Pasadena, Rosemead, San Fernando, San Gabriel, San Marino, South El Monte, South Pasadena, Temple City, the Los Angeles County Flood Control District and Unincorporated areas of Los Angeles County

Background: Fires affect water quality and TMDL compliance



LA Basin is surrounded by recent wildfires



Year	# of Fires
2000	9
2001	3
2002	20
2003	14
2004	6
2005	12
2006	10
2007	19
2008	11
2009	15
2010	13
2011	19
2012	14
2013	17
2014	5
2015	19
2016	27
2017	35
2018	19
2019	37

Source: Los Angeles County Fire Department; historic fire perimeters from 1966 through Jan 2020

Fires from 2000-2019 burned over 429,633 acres

Fires produce multiple sources of post-fire pollutants

- Gasses, aerially-deposited particulates
- Fire retardants/fire suppression chemicals
- Sediment
- Ash and partially burned organic matter

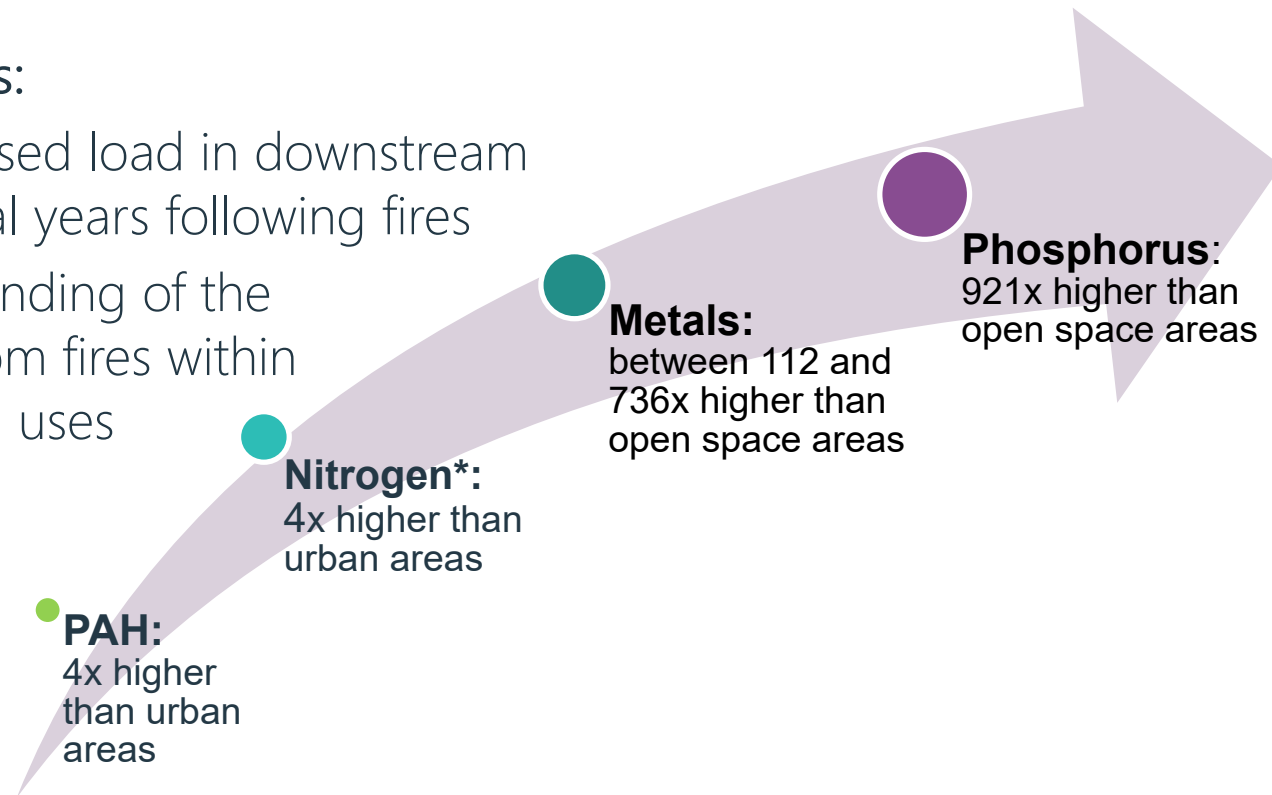


Special studies demonstrate an increase of pollutants in storm water after wildfires

Project Example: Effects of California Wildfires on Storm Water

Benefits of studies:

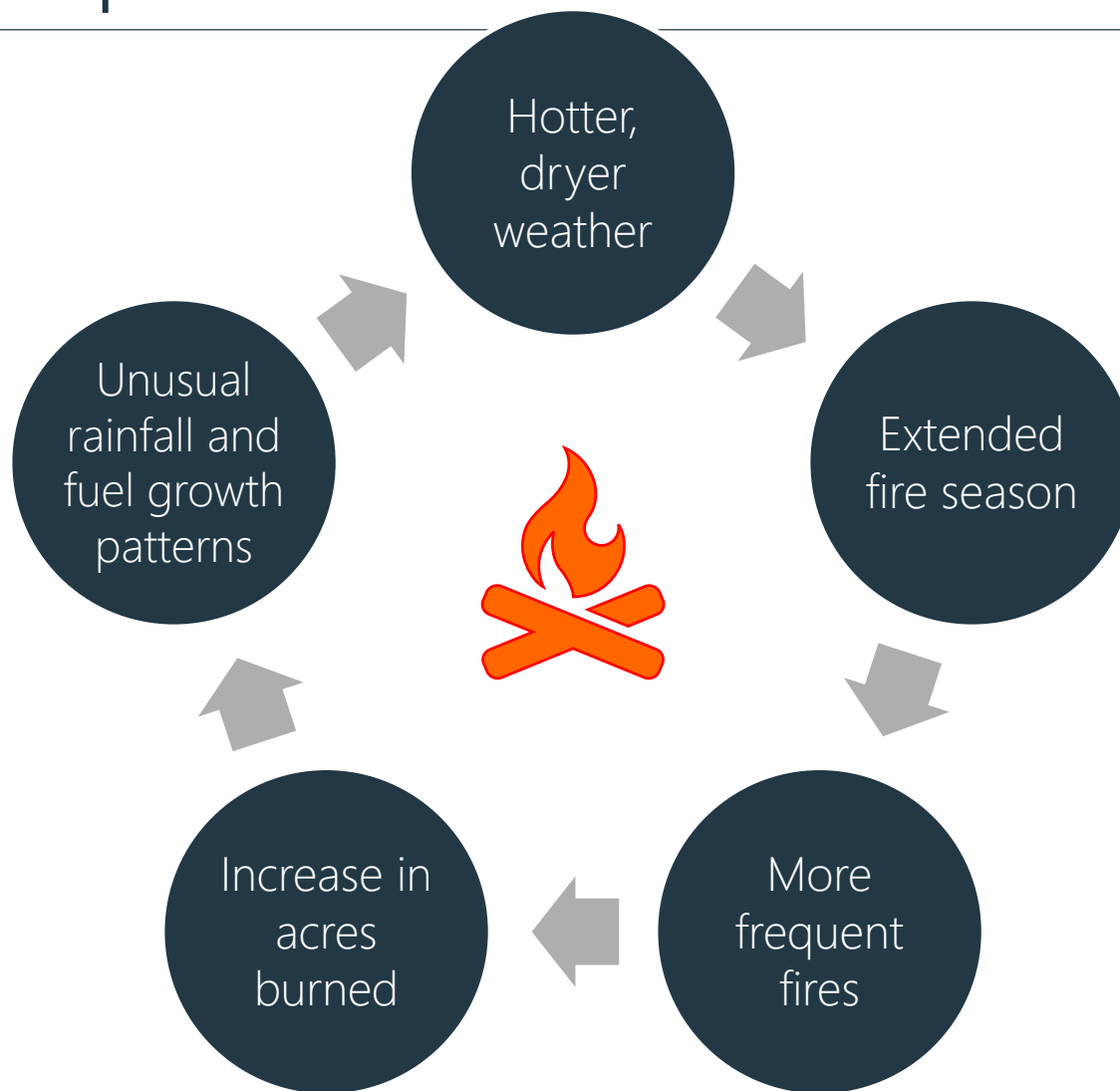
- Quantify increased load in downstream areas for several years following fires
- Better understanding of the contribution from fires within developed land uses



— Baseline = Unburned areas —

*Nitrogen as Nitrate+Nitrite

Climate Change may increase fires and fire-related pollutants

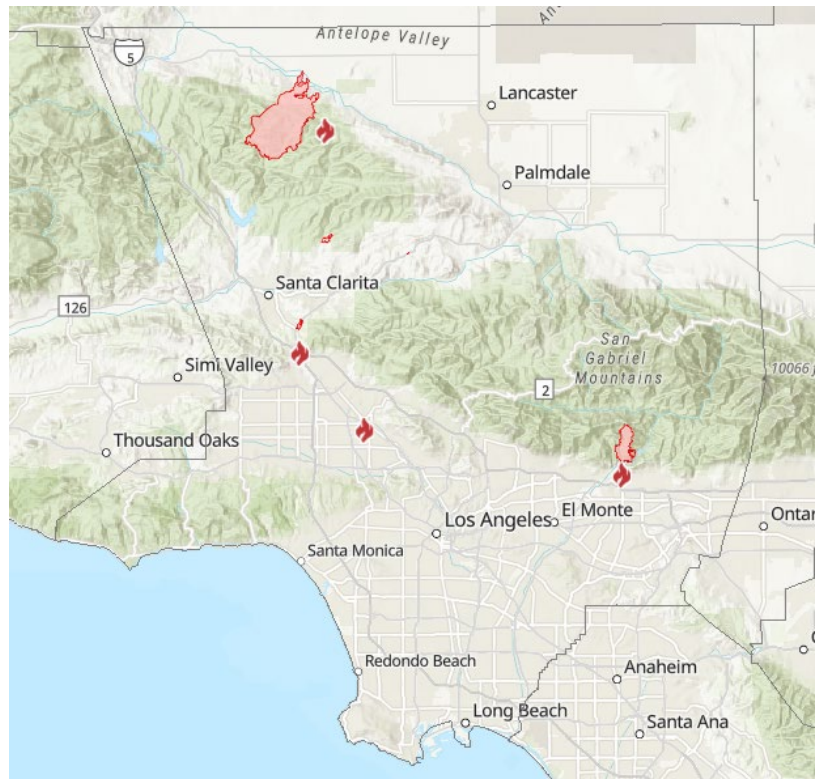


Major fires burning in California-August 2020



Immediate investment by ULAR WMG to evaluate current fires

Rapid Response Monitoring before SCWP grant to evaluate fires burning right now



Active Incidents (as of 8/17/20)

Lake Fire

18526 acres and 31% contained as of 9:04am

Elsmere Fire

200 acres and 30% contained as of 8/05/2020

Post Fire

120 acres and 35% contained as of 8/03/2020

Management questions define goals of study

Source Characterization

- Do fires contribute to loading of nutrients and metals into waterbodies in the ULAR Watershed? (Existing studies and monitoring)

Fate

- Where do these pollutants go? How do they migrate? (Monitoring)

Prediction

- How does the data gathered from this study help anticipate future impacts to water quality? (Data Analysis and Modeling)
- How do land use changes from fires impact baseline pollutant loading? (Modeling)
- How do climate change scenarios impact baseline pollutant loading? (Modeling)

Regulatory Collaboration

- How can this study help achieve compliance?

Multi-faceted approach answers study questions



Historical data
review



Conduct new
monitoring



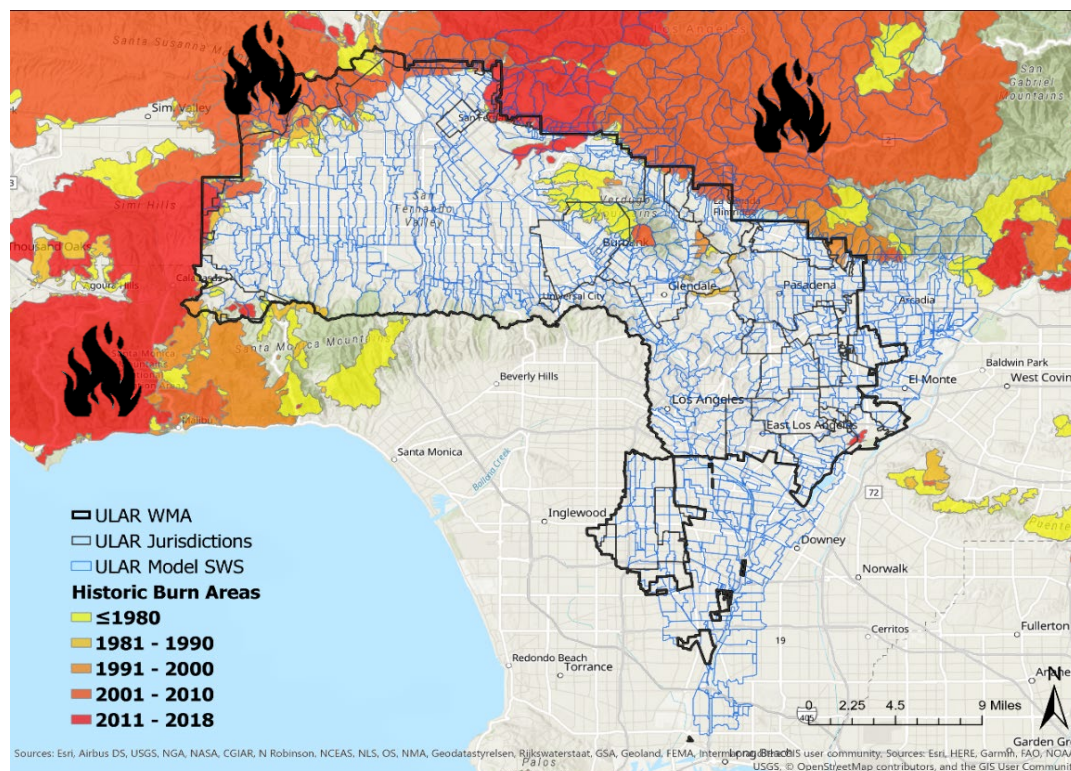
Technical advisory
and data analysis



Modeling fire effects
and climate change

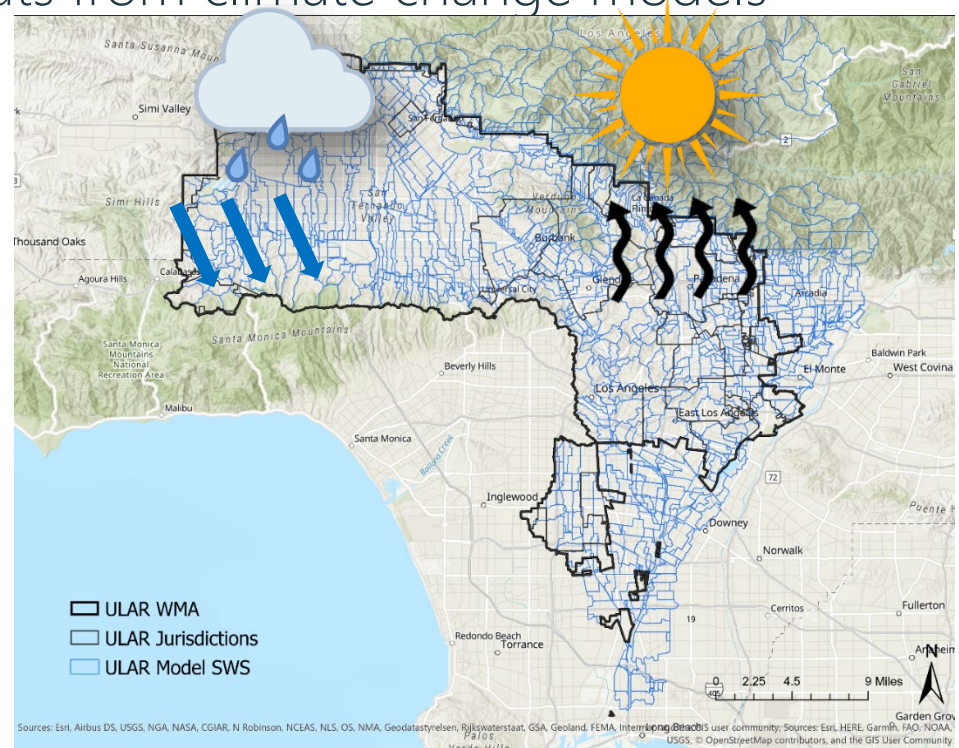
Modeling phase will evaluate range of fire impacts on pollutant loads

- Land use change scenarios:
 - Represent in specific subwatersheds
 - Parameterization based on monitoring findings



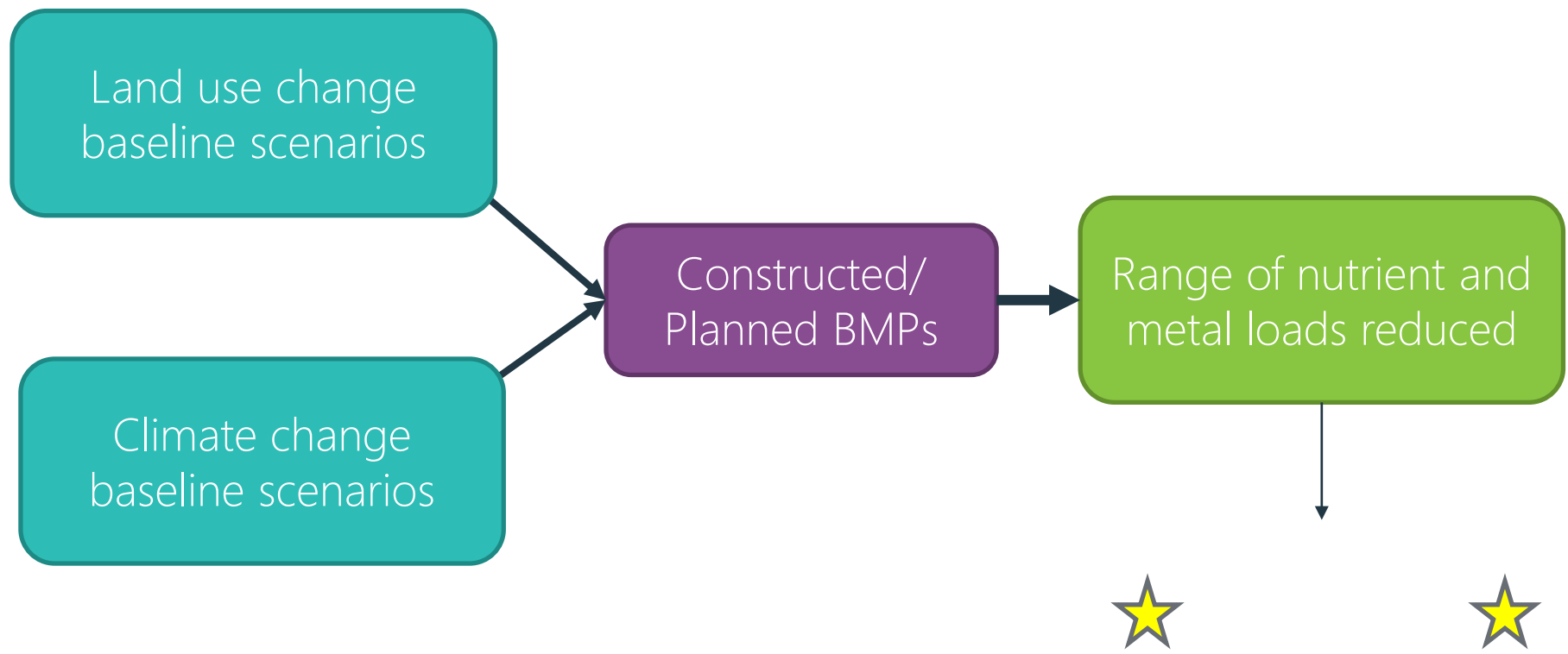
Modeling phase will evaluate range of fire impacts on pollutant loads

- Climate change scenarios:
 - Historic extremes (e.g. dry periods, intense storms)
 - Precipitation and ET inputs from climate change models

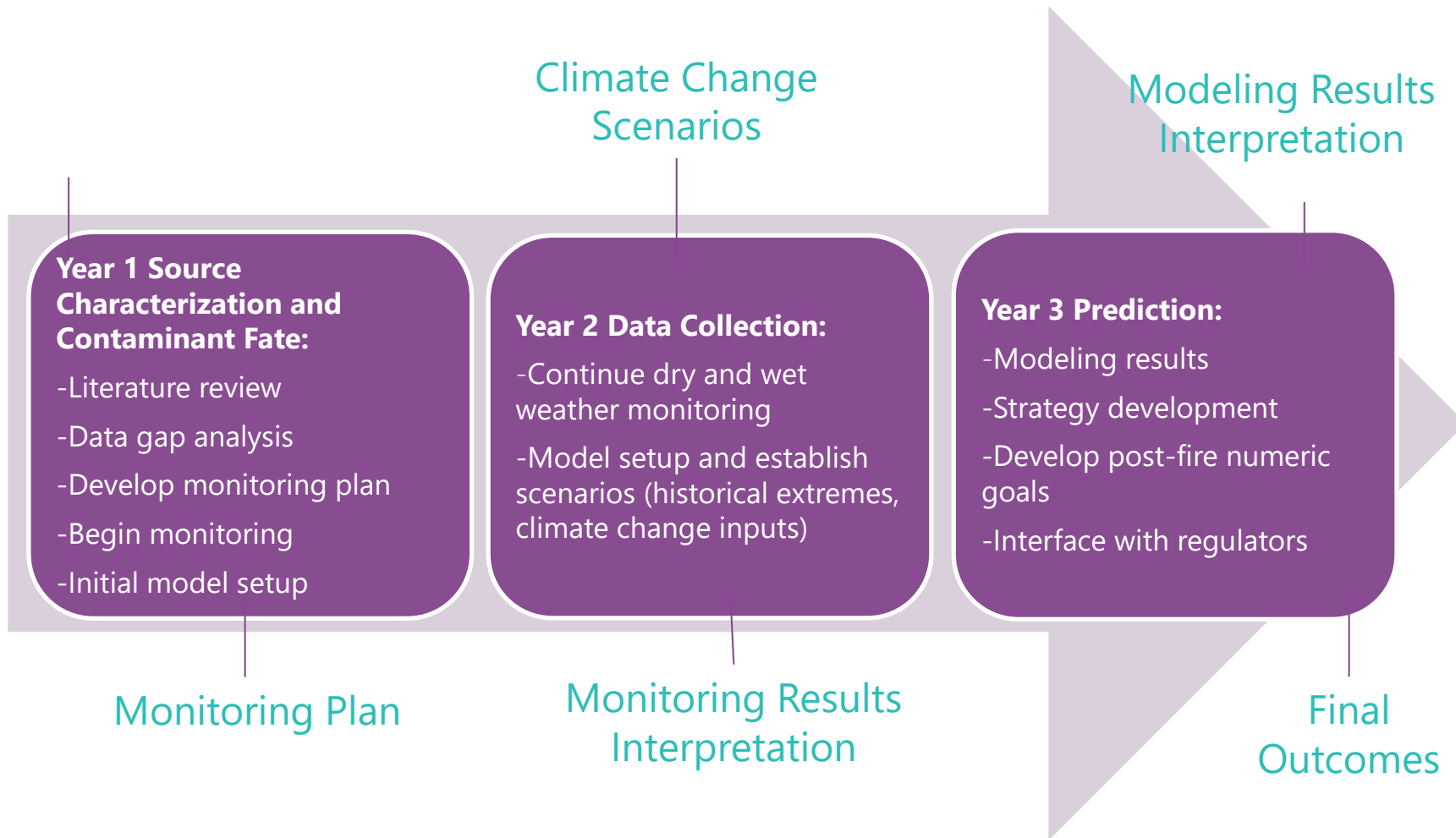


Modeling phase will evaluate range of fire impacts on BMP performance

Route range of baseline condition scenarios through select BMPs



Engagement with Water Board begins today



Discussion items and next steps

- *How can this research improve water quality and achieve TMDL goals?*

Thank you!

wood.



craft water™
engineering, inc.

DATE: September 8, 2020
TO: Water Policy Committee/TAC
FROM: Marisa Creter, Executive Director
RE: **2020 MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) DRAFT PERMIT**

RECOMMENDED ACTION

For discussion.

BACKGROUND

On August 24, 2020, the Los Angeles Regional Water Quality Control Board (Board) released the draft 2020 Municipal Separate Storm Sewer System (MS4) Permit. In February, the SGVCOG submitted a letter to the Board on the “Working Proposal” of the MS4 Permit. The key concerns raised in that letter included the trash TMDL of zero, reporting and monitoring, the compliance schedule, Industrial General Permit (IGP) training and inspections, fiscal resources, toxicity, and Safe, Clean Water Program integration. SGVCOG staff has begun its initial review of the draft MS4 Permit to assess which comments have been incorporated.

Comments Incorporated

- Changes to the Draft Permit include those related to employee training and the annual report deadline. The Draft Permit no longer requires Permittees to train employees in targeted positions (whose interactions, jobs, and activities affect storm water quality), but rather Permittees must ensure that employees are trained. It is not clear who is responsible for conducting the trainings. The “Working Proposal” included an annual report submittal deadline of October 15 which was opposed by many Permittees. These reports are now due annually on December 15.

Comments Not Incorporated

- Several of the requested changes were not adopted. For example, the trash TMDL remains at zero. An approved WMP must still submit a notice of intent (NOI) by the effective date of the Order. The Draft Permit still requires that each Permittee enumerate the sources of funds used in the past year and proposed in the future year in order to comply with the Permit. And annual report forms continue to be included in the Permit itself.

Most notably, the Draft Permit continues to require greater integration with the Safe, Clean Water Program, especially with a better understanding of the initial benefits and concerns of the implementation of the Safe, Clean Water Program. This includes but is not limited to better aligning compliance schedules with the SCW Program’s Stormwater Investment Plans, to the extent possible, mimicking the SCW Program reports with the Permit’s reporting requirements. By aligning the reporting requirements of the permit and the Safe Clean Water Program, permittees will be able to be more efficient in reporting on their compliance schedule and BMPs.

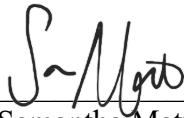
REPORT

SGVCOG staff will continue to work with City staff and stakeholders to discuss the finalized comments and on the Draft Permit. This effort will be supported by additional technical support. In addition, staff will also provide public comment at the LA Regional Water Quality Control Board meeting on September 10 consistent with the SGVCOG's previously submitted letter, highlighting the need to better integrate the SCW Program and MS4 Permit and the need to have sufficient engagement (e.g. meetings and workshops) with Permittees and stakeholders prior to the end of the public comment period.

The Draft Permit can be found at this link:

https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/regional_docs/1_Order.pdf.

Prepared by:



Samantha Matthews
Management Analyst

Approved by:



Marisa Creter
Executive Director

DATE: September 8, 2020

TO: Water Policy Committee/Water TAC

FROM: Marisa Creter, Executive Director

RE: **SAFE CLEAN WATER PROGRAM UPDATES**

RECOMMENDED ACTION

For information only.

PROGRAM AND WASC UPDATES

On July 20, the Regional Oversight Committee (ROC) approved the revised Upper San Gabriel River Watershed Area Steering Committee (WASC) Stormwater Investment Plan (SIP). All 9 Watershed Area SIPs have now been reviewed and advanced to the Board of Supervisors by the ROC. The Upper Los Angeles River WASC, Rio Hondo WASC, and Upper San Gabriel River WASC SIPs are included as Attachment A. Of 86 projects submitted, 61 are being recommended for approved funding, including 41 capital improvement projects, 16 feasibility studies, and 4 scientific studies. The Board of Supervisors is expected to approve all SIPs on September 29, 2020.

The Scoring Committee met on September 1 to discuss updates for feasibility study guidelines and scoring criteria. There was a presentation on the short-term recommendations for scoring criteria. That presentation is included as Attachment B. The focus of the recommendations is on linear conversion of scoring criteria to limit large jumps in project scores. The discussion on long-term recommendations was pushed to the following meeting.

The Scoring Committee also held a Regional Program Call for Projects Info Session on September 3 and will hold a second information session on Thursday, September 10 at 9:00 a.m. The call for projects for round two will end on October 15.

WATERSHED COORDINATORS

Watershed Coordinator solicitation closed on August 5, 2020. LA County Public Works is evaluating each Statement of Qualification (SOQ) based on experience, work plan, price, performance history, and references. Proposers that receive a qualifying score will be placed on a Qualified Proposer List for that Watershed Area. The proposers on the Qualified Proposer List will be invited to provide a presentation to the applicable WASC who will conduct an interview at a public meeting. WASCs will begin interviewing candidates in late October or early November and the contracts are expected to be executed in January 2021.

TRANSFER AGREEMENTS

All municipalities received the template agreement and instructions for execution in late June or early July. Four municipal transfer agreements have been executed to date (Calabasas, Gardena,

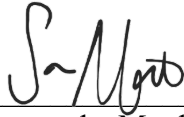
REPORT

Hawthorne, and Malibu) and LA County Public Works is waiting for those cities to submit their annual plans (Exhibit A of the Transfer Agreement). All annual plans will be posted online.

UPCOMING MEETINGS

- FY 2021-22 Regional Call for Projects Info Session 2 – Thursday, September 10 at 9am
- Regional Oversight Committee – TBD
- Scoring Committee – Tuesday, October 6, time TBD
- Upper Los Angeles River WASC – TBD
- Upper San Gabriel River WASC – TBD
- Rio Hondo WASC – TBD

Prepared by:



Samantha Matthews
Management Analyst

Approved by:



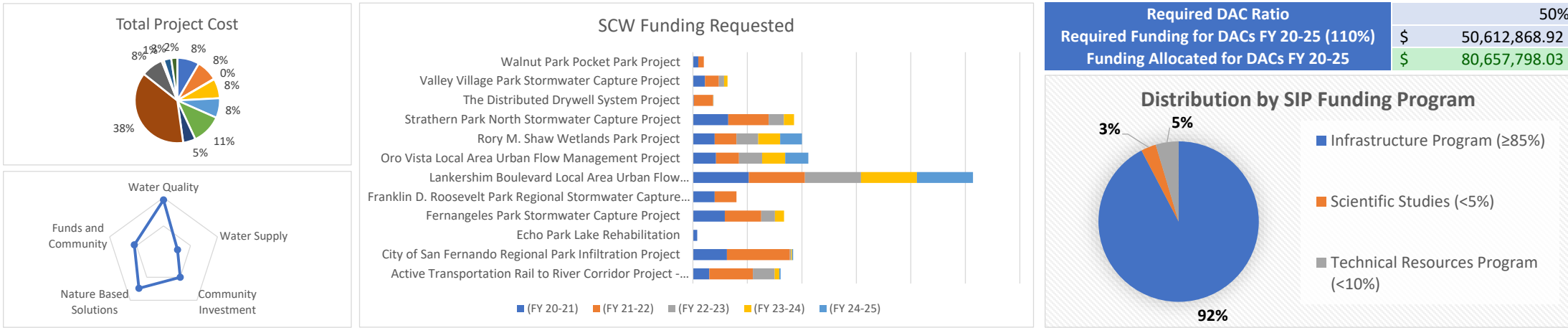
Marisa Creter
Executive Director

ATTACHMENTS

Attachment A – San Gabriel Valley WASC SIPs

Attachment B – Short-Term Recommendations - Water Quality and Water Supply

Project Details

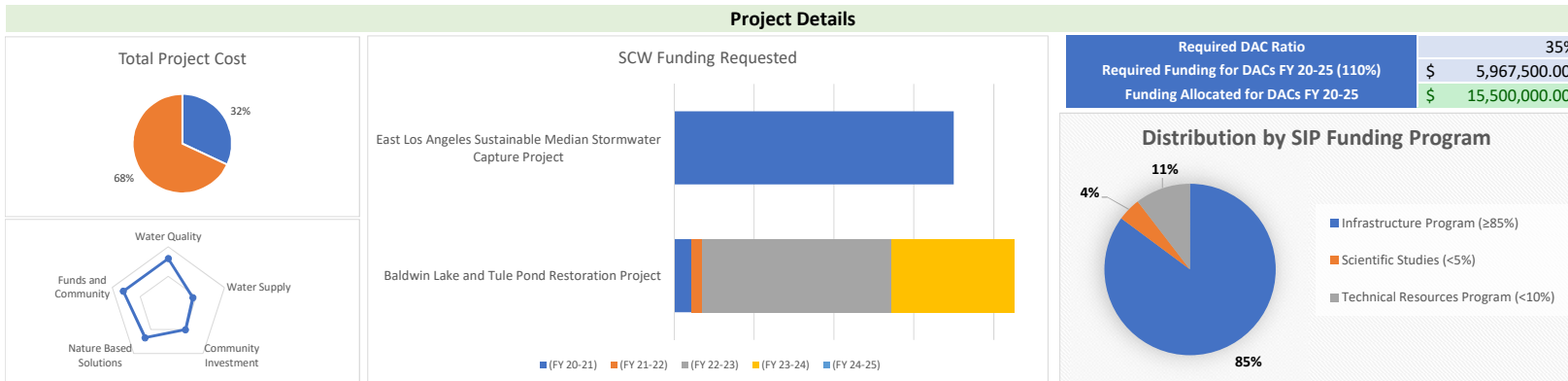


Stormwater Investment Plan Preview

	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
A. Anticipated Annual Regional Program Funds Collected	\$38.63 M	\$38.63 M	\$38.63 M	\$38.63 M	\$38.63 M		\$193.13 M
B. Anticipated Annual Regional Program Funds Available (A+D)	\$38.63 M	\$49.94 M	\$55.10 M	\$77.80 M	\$103.94 M		
C. Total Allocated in the SIP	\$27.32 M	\$33.46 M	\$15.93 M	\$12.48 M	\$10.10 M	\$0.38 M	\$99.29 M
D. Remaining Balance/Rollover Funds (B-C)	\$11.31 M	\$16.48 M	\$39.17 M	\$65.32 M	\$93.84 M		
E. Percent Allocated (C/B)	71%	67%	29%	16%	10%		51%

Row Labels	DAC	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
Infrastructure Program		\$ 24,135,094.32	\$ 31,634,429.21	\$ 14,497,404.70	\$ 11,881,569.80	\$ 9,499,900.00	\$ 375,000.00	\$ 92,023,398.03
Active Transportation Rail to River	Yes	\$ 1,500,000.00	\$ 4,000,000.00	\$ 2,000,000.00	\$ 425,000.00	\$ 125,000.00	\$ 375,000.00	\$ 8,425,000.00
City of San Fernando Regional Park	Yes	\$ 3,115,000.00	\$ 5,785,000.00	\$ 100,400.00	\$ 100,400.00	\$ 100,400.00	\$ -	\$ 9,201,200.00
Echo Park Lake Rehabilitation	No	\$ 400,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000.00
Fernangeles Park Stormwater Capture	Yes	\$ 2,926,261.89	\$ 3,344,299.31	\$ 1,254,112.24	\$ 836,074.83	\$ -	\$ -	\$ 8,360,748.27
Franklin D. Roosevelt Park Regional Stormwater	Yes	\$ 2,000,000.00	\$ 2,000,000.00	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000.00
Lankershim Boulevard Local Area Urban Flow	Yes	\$ 5,139,380.00	\$ 5,139,380.00	\$ 5,139,380.00	\$ 5,139,380.00	\$ 5,139,380.00	\$ -	\$ 25,696,900.00
Oro Vista Local Area Urban Flow Management	No	\$ 2,118,120.00	\$ 2,118,120.00	\$ 2,118,120.00	\$ 2,118,120.00	\$ 2,118,120.00	\$ -	\$ 10,590,600.00
Rory M. Shaw Wetlands Park Project	Yes	\$ 2,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00	\$ -	\$ 10,000,000.00
Strathern Park North Stormwater Capture	Yes	\$ 3,247,511.94	\$ 3,711,442.21	\$ 1,391,790.83	\$ 927,860.55	\$ -	\$ -	\$ 9,278,605.53
The Distributed Drywell System Project	Yes	\$ 76,750.00	\$ 1,765,250.00	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00	\$ -	\$ 1,893,000.00
Valley Village Park Stormwater Capture	Yes	\$ 1,112,070.49	\$ 1,270,937.69	\$ 476,601.63	\$ 317,734.42	\$ -	\$ -	\$ 3,177,344.23
Walnut Park Pocket Park Project	Yes	\$ 500,000.00	\$ 500,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000.00
Scientific Studies		\$ 980,707.00	\$ 1,226,133.00	\$ 831,491.00			\$ -	\$ 3,038,331.00
LRS Adaptation to Address the LA River	(blank)	\$ 192,500.00	\$ 385,000.00	\$ 308,000.00			\$ -	\$ 885,500.00
preSIP: A Platform for Watershed Science	(blank)	\$ 700,000.00	\$ 700,000.00	\$ 400,000.00			\$ -	\$ 1,800,000.00
Recalculation of Wet Weather Zoning	(blank)	\$ 88,207.00	\$ 141,133.00	\$ 123,491.00			\$ -	\$ 352,831.00
Technical Resources Program		\$ 2,200,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ -	\$ 4,600,000.00
Green Street Demonstration Project	(blank)	\$ 300,000.00					\$ -	\$ 300,000.00
Hay Canyon Channel / FIS Sports Facility	(blank)	\$ 300,000.00					\$ -	\$ 300,000.00
Pasadena Unified School District	(blank)	\$ 300,000.00					\$ -	\$ 300,000.00
Watershed Coordinator #1	(blank)	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Watershed Coordinator #2	(blank)	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Watershed Coordinator #3	(blank)	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Winery Canyon Channel / Descanso Gorge	(blank)	\$ 300,000.00					\$ -	\$ 300,000.00
Arroyo Seco Projects: Construction	(blank)	\$ 400,000.00					\$ -	\$ 400,000.00
Grand Total		\$ 27,315,801.32	\$ 33,460,562.21	\$ 15,928,895.70	\$ 12,481,569.80	\$ 10,099,900.00	\$ 375,000.00	\$ 99,661,729.03

Rio Hondo Watershed Area SIP



Watershed Area

Central Santa Monica Bay
Lower Los Angeles River
Lower San Gabriel River
North Santa Monica Bay
Rio Hondo
Santa Clara River
South Santa Monica Bay
Upper Los Angeles River
Upper San Gabriel River

Projects

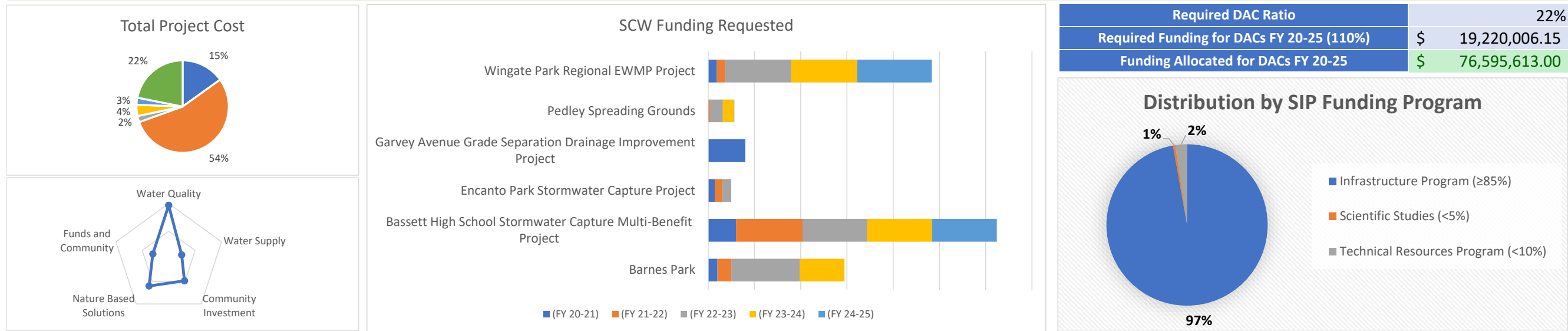
IP 1-East Los Angeles Sustainabl...
IP 3-Baldwin Lake and Tule Pon...
SS 4-LRS Adaptation to Address ...
SS 5-preSIP: A Platform for Wat...
SS -Regional Scientific Study to S...
TRP 2-Arcadia Wash Water Cons...
TRP 6-Ranchito Sierra Vista Infil...
TRP -Monrovia Unified School D...
TRP -Vincent Lugo Park Stomwa...
TRP -Watershed Coordinator #1

Stormwater Investment Plan Preview

	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
A. Anticipated Annual Regional Program Funds Collected	\$11.54 M	\$11.54 M	\$11.54 M	\$11.54 M	\$11.54 M		\$57.71 M
B. Anticipated Annual Regional Program Funds Available (A+D)	\$11.54 M	\$14.28 M	\$25.02 M	\$31.42 M	\$39.70 M		
C. Total Allocated in the SIP	\$8.81 M	\$0.80 M	\$5.14 M	\$3.26 M	\$0.20 M	\$0.00 M	\$18.20 M
D. Remaining Balance/Rollover Funds (B-C)	\$2.73 M	\$13.48 M	\$19.88 M	\$28.16 M	\$39.50 M		
E. Percent Allocated (C/B)	76%	6%	21%	10%	1%		32%

Row Labels	DAC	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
Infrastructure Program		\$ 7,440,000.00	\$ 270,000.00	\$ 4,730,000.00	\$ 3,060,000.00	\$ -	\$ -	\$ 15,500,000.00
Baldwin Lake and Tule Pond Restoratio	Yes	\$ 440,000.00	\$ 270,000.00	\$ 4,730,000.00	\$ 3,060,000.00	\$ -	\$ -	\$ 8,500,000.00
East Los Angeles Sustainable Median St	Yes	\$ 7,000,000.00		\$ -	\$ -	\$ -	\$ -	\$ 7,000,000.00
Scientific Studies		\$ 267,500.00	\$ 325,000.00	\$ 212,000.00			\$ -	\$ 804,500.00
LRS Adaptation to Address the LA River	(blank)	\$ 57,500.00	\$ 115,000.00	\$ 92,000.00			\$ -	\$ 264,500.00
preSIP: A Platform for Watershed Scien	(blank)	\$ 210,000.00	\$ 210,000.00	\$ 120,000.00			\$ -	\$ 540,000.00
Technical Resources Program		\$ 1,100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 1,900,000.00
Arcadia Wash Water Conservation Dive	No	\$ 300,000.00					\$ -	\$ 300,000.00
Ranchito Sierra Vista Infiltration Projec	No	\$ 300,000.00					\$ -	\$ 300,000.00
Vincent Lugo Park Stomwater Capture	(blank)	\$ 300,000.00					\$ -	\$ 300,000.00
Watershed Coordinator #1	(blank)	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Grand Total		\$ 8,807,500.00	\$ 795,000.00	\$ 5,142,000.00	\$ 3,260,000.00	\$ 200,000.00	\$ -	\$ 18,204,500.00

Project Details



Stormwater Investment Plan Preview

	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL (5 yr)
A. Anticipated Annual Regional Program Funds Collected	\$18.91 M	\$18.91 M	\$18.91 M	\$18.91 M	\$18.91 M		\$94.54 M
B. Anticipated Annual Regional Program Funds Available (A+D)	\$18.91 M	\$26.60 M	\$34.72 M	\$29.61 M	\$28.14 M		
C. Total Allocated in the SIP	\$11.22 M	\$10.79 M	\$24.01 M	\$20.38 M	\$15.31 M	\$0.00 M	\$81.71 M
D. Remaining Balance/Rollover Funds (B-C)	\$7.69 M	\$15.81 M	\$10.70 M	\$9.24 M	\$12.84 M		
E. Percent Allocated (C/B)	59%	41%	69%	69%	54%		86%

Row Labels	DAC	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
Infrastructure Program		\$ 9,734,762.00	\$ 10,589,423.00	\$ 23,812,652.00	\$ 20,177,894.00	\$ 15,106,782.00	\$ -	\$ 79,421,513.00
Barnes Park	Yes	\$ 1,000,000.00	\$ 1,500,000.00	\$ 7,400,000.00	\$ 4,835,690.00	\$ -	\$ -	\$ 14,735,690.00
Bassett High School Stormwater Capture Project	Yes	\$ 3,000,000.00	\$ 7,200,000.00	\$ 7,000,000.00	\$ 7,000,000.00	\$ 7,000,000.00	\$ -	\$ 31,200,000.00
Encanto Park Stormwater Capture Project	Yes	\$ 702,860.00	\$ 827,000.00	\$ 952,388.00	\$ -	\$ -	\$ -	\$ 2,482,248.00
Garvey Avenue Grade Separation Drainage Improvement Project	Yes	\$ 4,000,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000.00
Pedley Spreading Grounds	No	\$ 102,760.00	\$ 154,140.00	\$ 1,330,180.00	\$ 1,212,120.00	\$ 26,700.00	\$ -	\$ 2,825,900.00
Wingate Park Regional EWMP Project	Yes	\$ 929,142.00	\$ 908,283.00	\$ 7,130,084.00	\$ 7,130,084.00	\$ 8,080,082.00		\$ 24,177,675.00
Scientific Studies		\$ 385,000.00	\$ -	\$ -			\$ -	\$ 385,000.00
San Gabriel Valley Regional Confirmation		\$ 385,000.00	\$ -	\$ -			\$ -	\$ 385,000.00
Technical Resources Program		\$ 1,100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 1,900,000.00
Fairplex Regional Stormwater Project		\$ 300,000.00					\$ -	\$ 300,000.00
Glendora Avenue Green Street Feasibility Study		\$ 300,000.00					\$ -	\$ 300,000.00
MacLaren Hall Property Park and Sports Field		\$ 300,000.00					\$ -	\$ 300,000.00
Watershed Coordinator #1		\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Grand Total		\$ 11,219,762.00	\$ 10,789,423.00	\$ 24,012,652.00	\$ 20,377,894.00	\$ 15,306,782.00	\$ -	\$ 81,706,513.00

SCW - Regional Scoring Criteria Potential Update Recommendations

1

Section	Score Range	Scoring Standards			
A.1 Wet + Dry Weather Water Quality Benefits	50 points max	The Project provides water quality benefits: A.1.1: For Wet Weather BMPs Only: Water Quality Cost Effectiveness (Cost Effectiveness) = (24-hour BMP Capacity) ¹ / (Capital Cost in \$Millions) <ul style="list-style-type: none"> • <0.4 (acre feet capacity / \$-Million) = 0 points • 0.4-0.6 (acre feet capacity / \$-Million) = 7 points • 0.6-0.8 (acre feet capacity / \$-Million) = 11 points • 0.8-1.0 (acre feet capacity / \$-Million) = 14 points • >1.0 (acre feet capacity / \$-Million) = 20 points <p>¹. Management of the 24-hour event is considered the maximum capacity of a Project for a 24-hour period. For water quality focused Projects, this would typically be the 85th percentile design storm capacity. Units are in acre-feet (AF).</p>			
	20 points max	A.1.2: For Wet Weather BMPs Only: Water Quality Benefit - Quantify the pollutant reduction (i.e. concentration, load, exceedance day, etc.) for a class of pollutants using a similar analysis as the E/WMP which uses the Districts Watershed Management Modeling System (WMMMS). The analysis should be an average percent reduction comparing influent and effluent for the class of pollutant over a ten-year period showing the impact of the Project. Modeling should include the latest performance data to reflect the efficiency of the BMP type. <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><u>Primary Class of Pollutants</u></td> <td style="text-align: center;"><u>Second or More Classes of Pollutant</u></td> </tr> <tr> <td> <ul style="list-style-type: none"> • >50% = 15 points • >80% = 20 points (20 Points Max) </td> <td> <ul style="list-style-type: none"> • >50% = 5 points • >80% = 10 points (10 Points Max) </td> </tr> </table>	<u>Primary Class of Pollutants</u>	<u>Second or More Classes of Pollutant</u>	<ul style="list-style-type: none"> • >50% = 15 points • >80% = 20 points (20 Points Max)
<u>Primary Class of Pollutants</u>	<u>Second or More Classes of Pollutant</u>				
<ul style="list-style-type: none"> • >50% = 15 points • >80% = 20 points (20 Points Max)	<ul style="list-style-type: none"> • >50% = 5 points • >80% = 10 points (10 Points Max)				
- OR -					
A.2 Dry Weather Only Water Quality Benefits	20 points	A.2.1: For dry weather BMPs only, Projects must be designed to capture, infiltrate, treat and release, or divert 100% (unless infeasible or prohibited for habitat, etc) of all tributary dry weather flows.			
	20 points max	A.2.2: For Dry Weather BMPs Only: Tributary Size of the Dry Weather BMP <ul style="list-style-type: none"> • <200 Acres = 10 points • >200 Acres = 20 points 			
B. Significant Water Supply Benefits	25 points max	The Project provides water re-use and/or water supply enhancement benefits B1. Water Supply Cost Effectiveness: The Total Life-Cycle Cost ² per unit of acre foot of Stormwater and/or Urban Runoff volume captured for water supply is: <ul style="list-style-type: none"> • >\$2500/ac-ft = 0 points • \$2,000-2,500/ac-ft = 3 points • \$1500-2,000/ac-ft = 6 points • \$1000-1500/ac-ft = 10 points • <\$1000/ac-ft = 13 points <p>². Total Life-Cycle Cost: The annualized value of all Capital, planning, design, land acquisition, construction, and total life O&M costs for the Project for the entire life span of the Project (e.g. 50-year design life span should account for 50-years of O&M). The annualized cost is used over the present value to provide a preference to Projects with longer life spans.</p>			
	13 points max	B2. Water Supply Benefit Magnitude: The yearly additional water supply volume resulting from the Project is: <ul style="list-style-type: none"> • <25 ac-ft/year = 0 points • 25 - 100 ac-ft/year = 2 points • 100 - 200 ac-ft/year = 5 points • 200 - 300 ac-ft/year = 9 points • >300 ac-ft/year = 12 points 			

- Linear Scale
- Keep ratios until more data

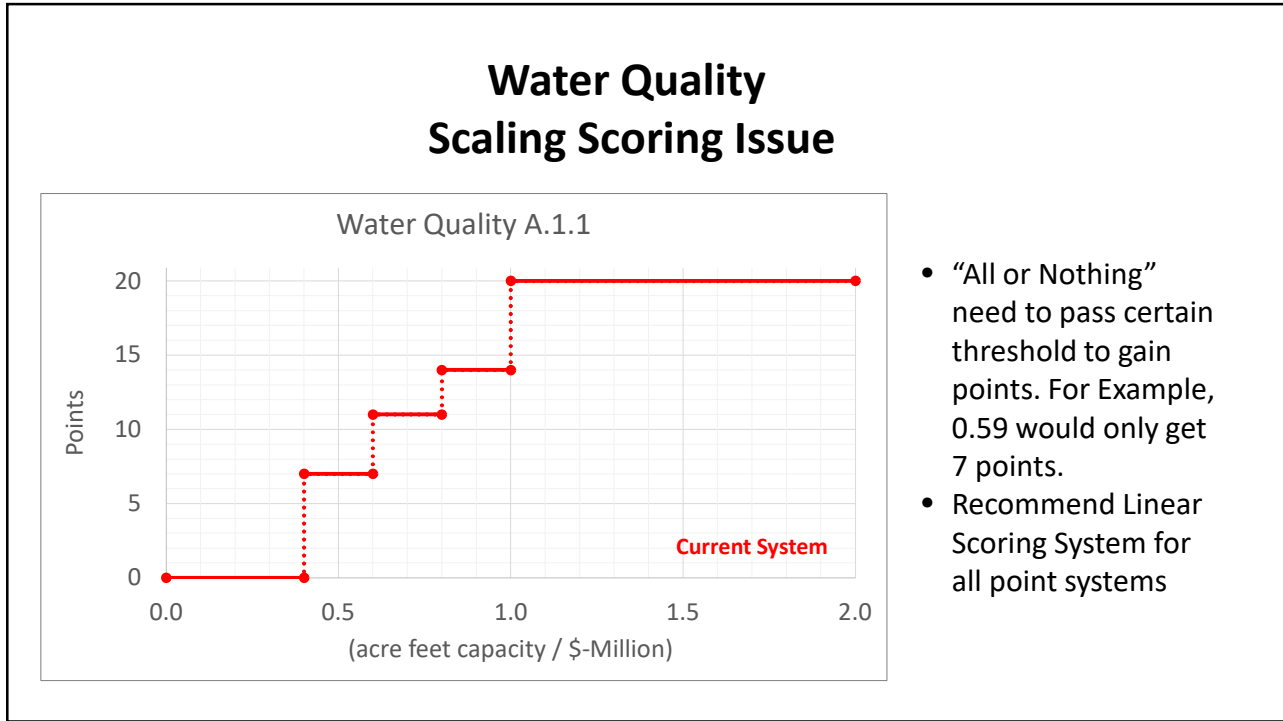
- Linear Scale
- Large non 85th percentile project do not score well

- No Cost-effectiveness
- Large non 85th percentile projects are applying as dry weather

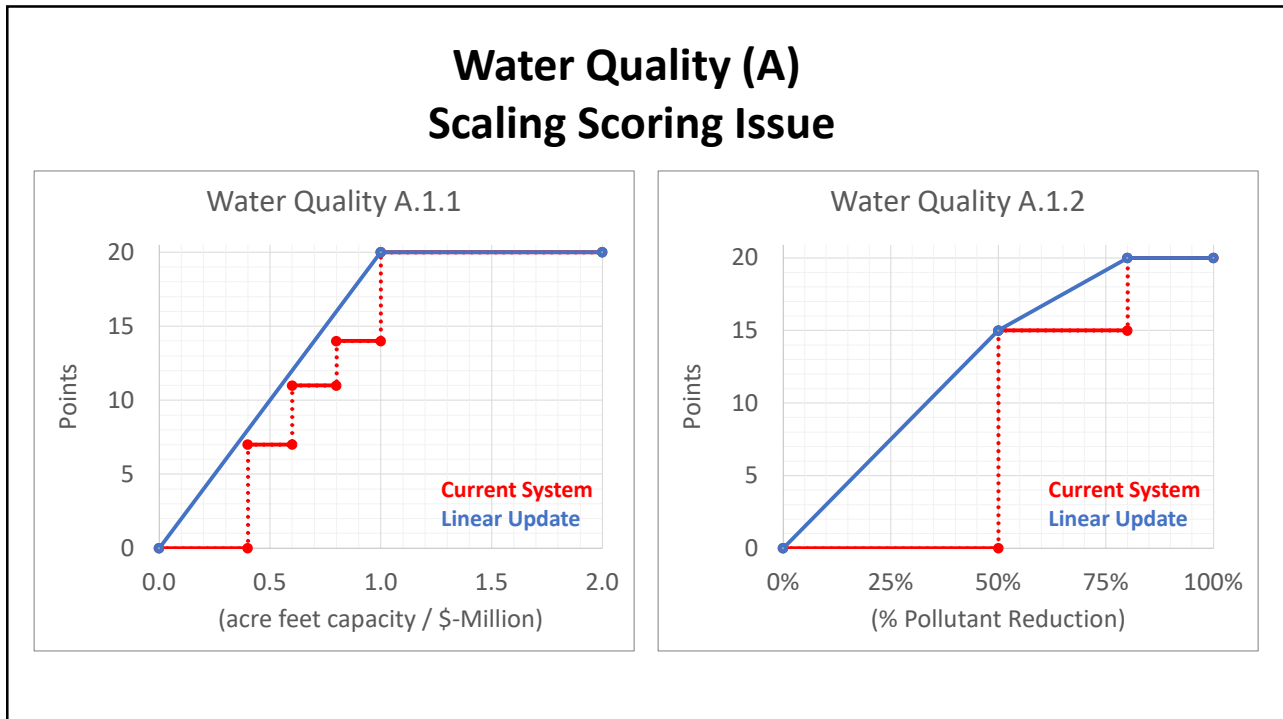
- Linear Scale
- Keep ratios until more data

- Linear Scale
- Keep ratio until more data

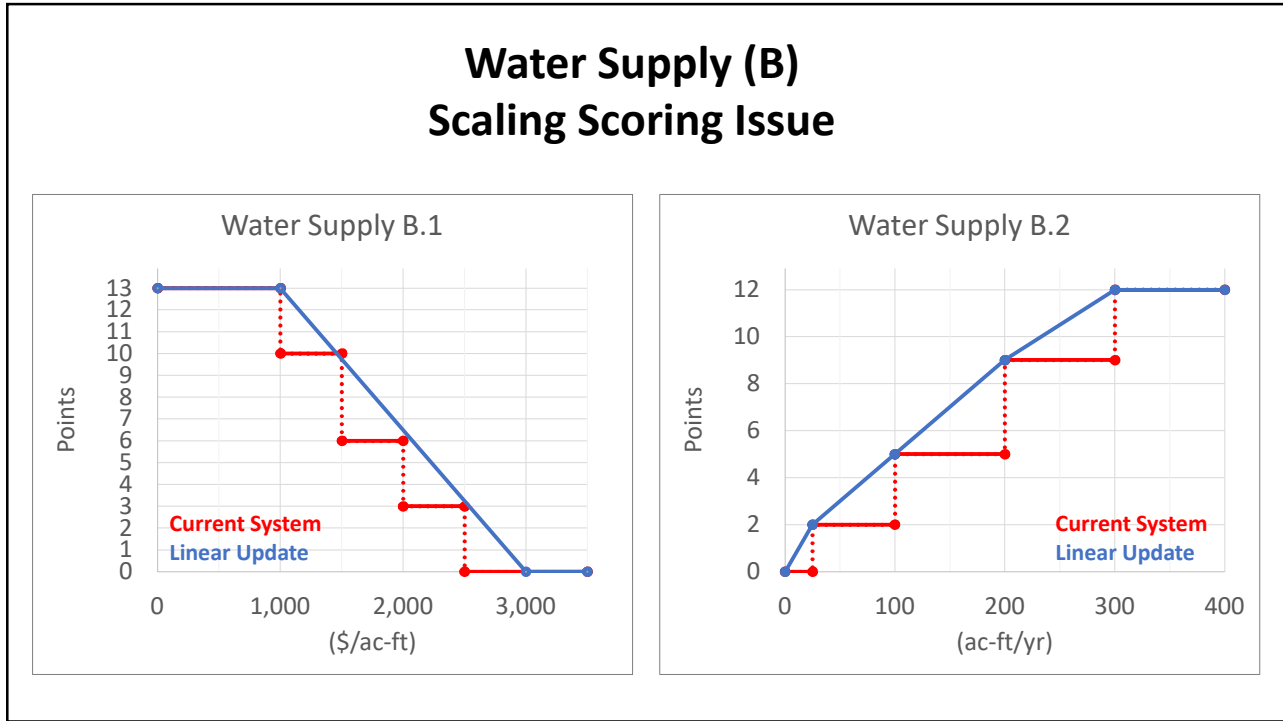
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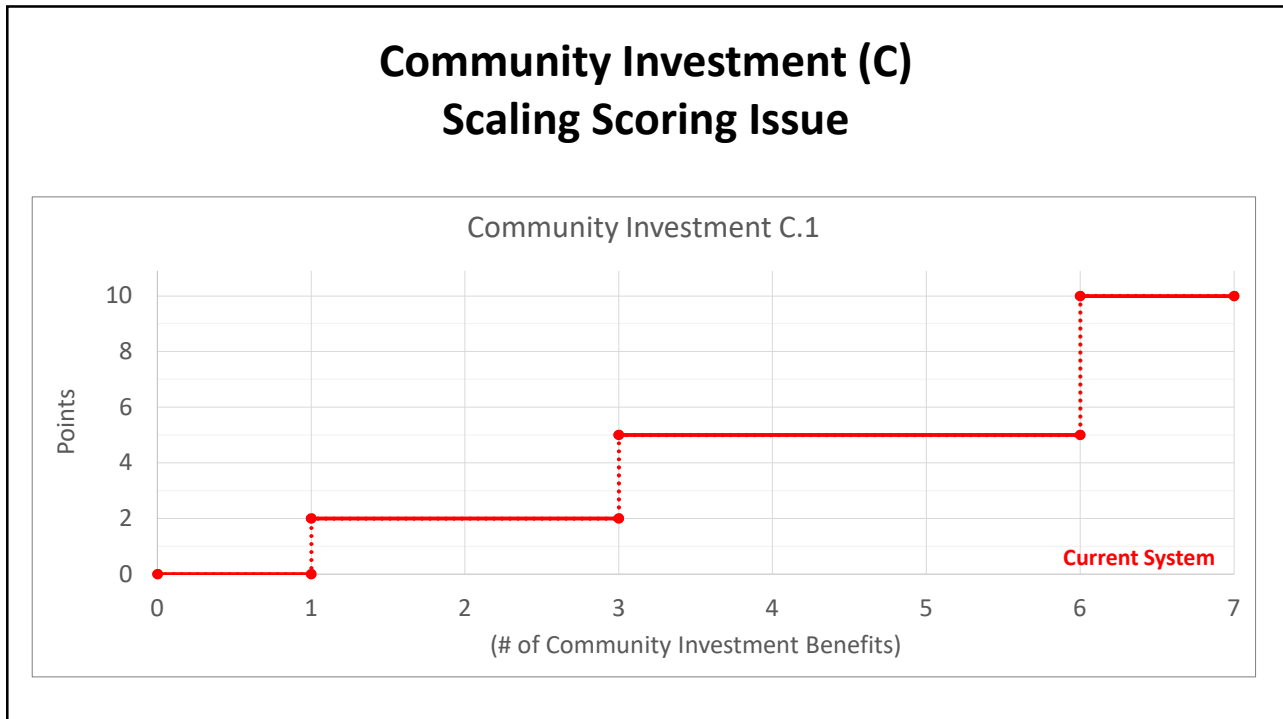
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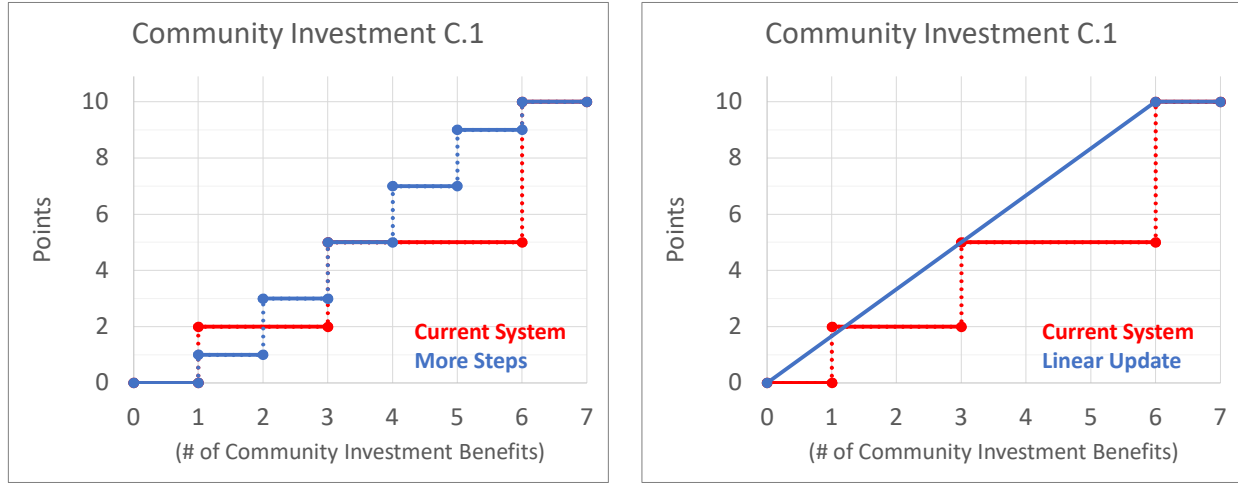


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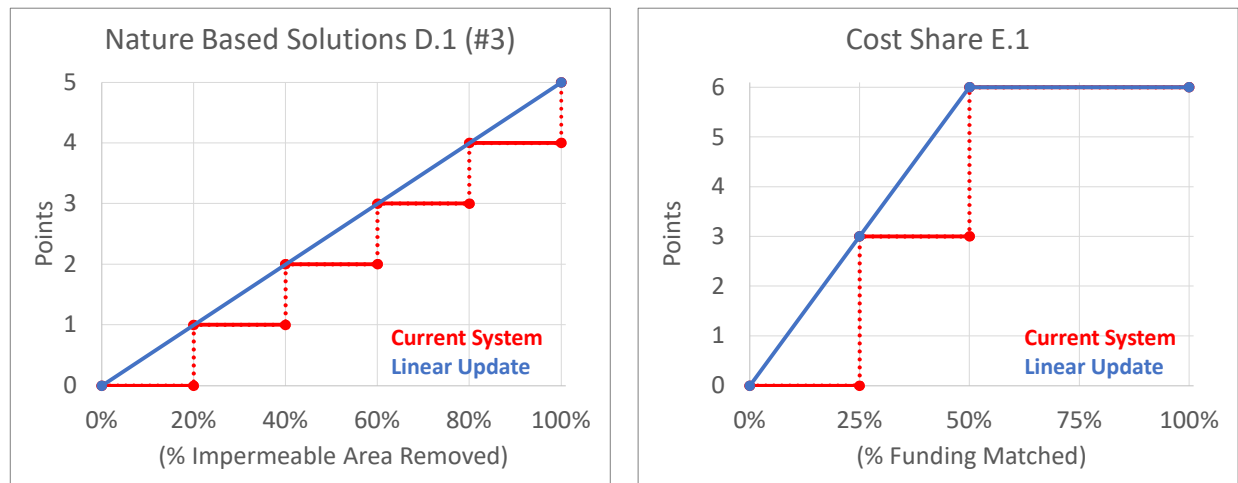
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Community Investment (C) Scaling Scoring Issue



7

NBS & Cost Share (D, E) Scaling Scoring Issue



8

Water Quality A1.2 Current

Option 1

Dry Weather
(0.25" or less)

- Large drainage area projects would apply as dry-weather to maximize points

Option 2

Wet Weather

Pollutant Reduction

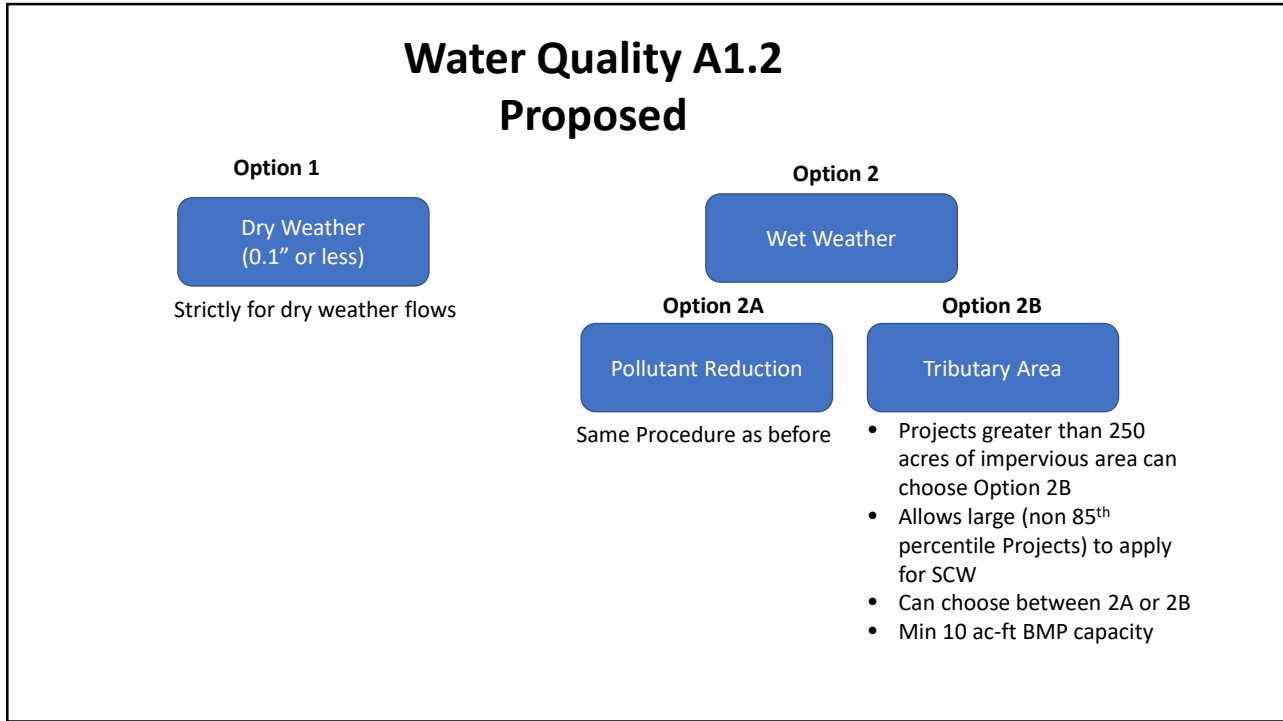
- Highest Points for 85th Percentile Reduction
- Ideal for Projects less than 200 acres (or 10 ac-feet BMP capacity)
- Large Projects that address large drainage area, does not score well

9

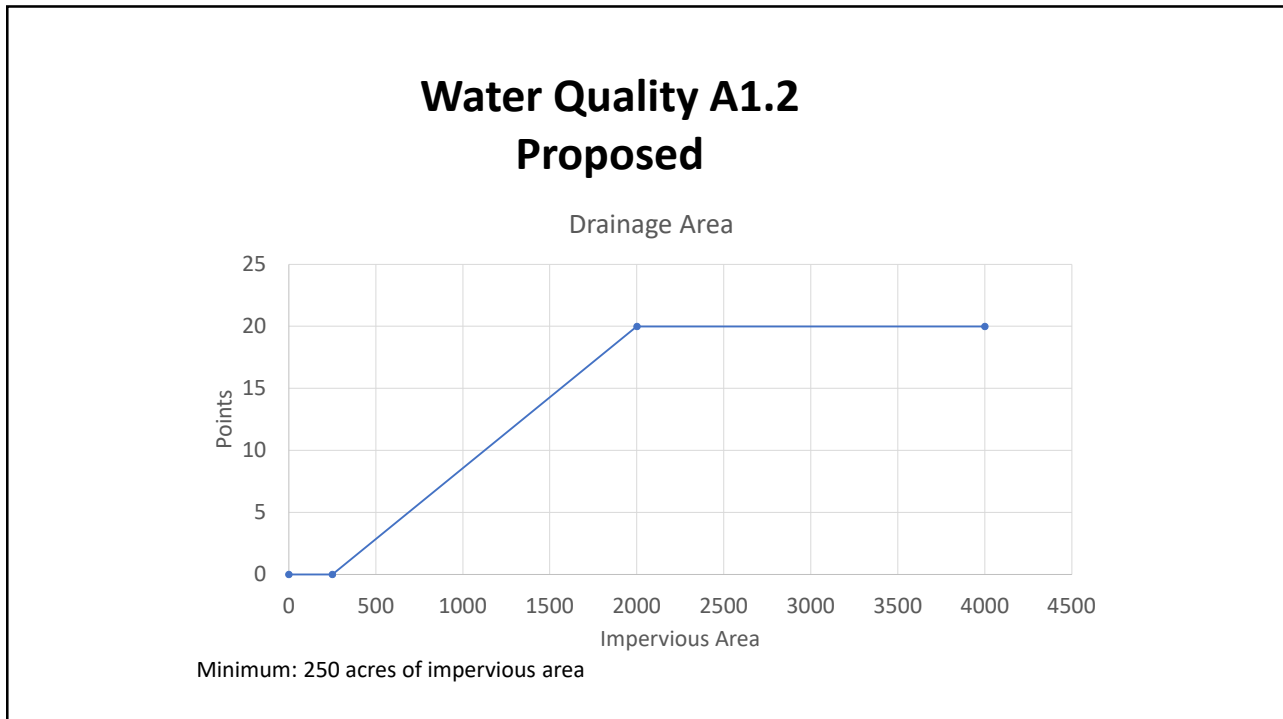
SCW Projects Large (Non 85th Percentile) Projects

Watershed Area2	Project Name	Project Type	Total Capt	Impervious Area	24hr Capacity
Lower Los Angeles River	John Anson Ford Park Infiltration Cistern	Load	2,295	1,809	45.02
Lower Los Angeles River	Salt Lake Park Infiltration Cistern	Load	605	424	33.92
Lower Los Angeles River	Spane Park	Load	1,338	858	26.75
Lower San Gabriel River	Bellflower Simms Park Stormwater Capture Project	Load	758	505	26.35
Lower San Gabriel River	Bolivar Park	Load	3,018	2,013	16.74
Lower San Gabriel River	Caruthers Park	Load	3,256	2,013	
Lower San Gabriel River	Hermosillo Park	Load	2,580	1,628	84.93
Lower San Gabriel River	Mayfair Park	Load	2,301	1,454	
Lower San Gabriel River	Skylinks Golf Course at Wardlow Stormwater Capture	Load	1,655	1,001	22.26
Lower San Gabriel River	El Dorado Regional Project	Load	2,924	1,664	29.75
Rio Hondo	East Los Angeles Sustainable Median Stormwater	Load	3,000	1,344	
South Santa Monica Bay	Alondra Park Multi Benefit Stormwater Capture	Load	4,945	3,219	
Upper San Gabriel River	Finkbiner Park Multi-Benefit Stormwater Capture	Load	1,638	272	26.22
Upper San Gabriel River	Wingate Park Regional EWMP Project	Load	1,100	534	18.2
Upper San Gabriel River	Adventure Park Multi Benefit Stormwater Capture	Load	6,900	3,277	

10



11



12

Water Quality A1.2 Dry Weather Issues

- Dry Weather projects receive all 40 points if they serve drainage area greater than 200 acres
- No Cost-effectiveness calculation similar to wet weather projects
- Large Non 85th Percentile Projects are taking advantage and getting 40 points without any consideration to cost effectiveness or reduction

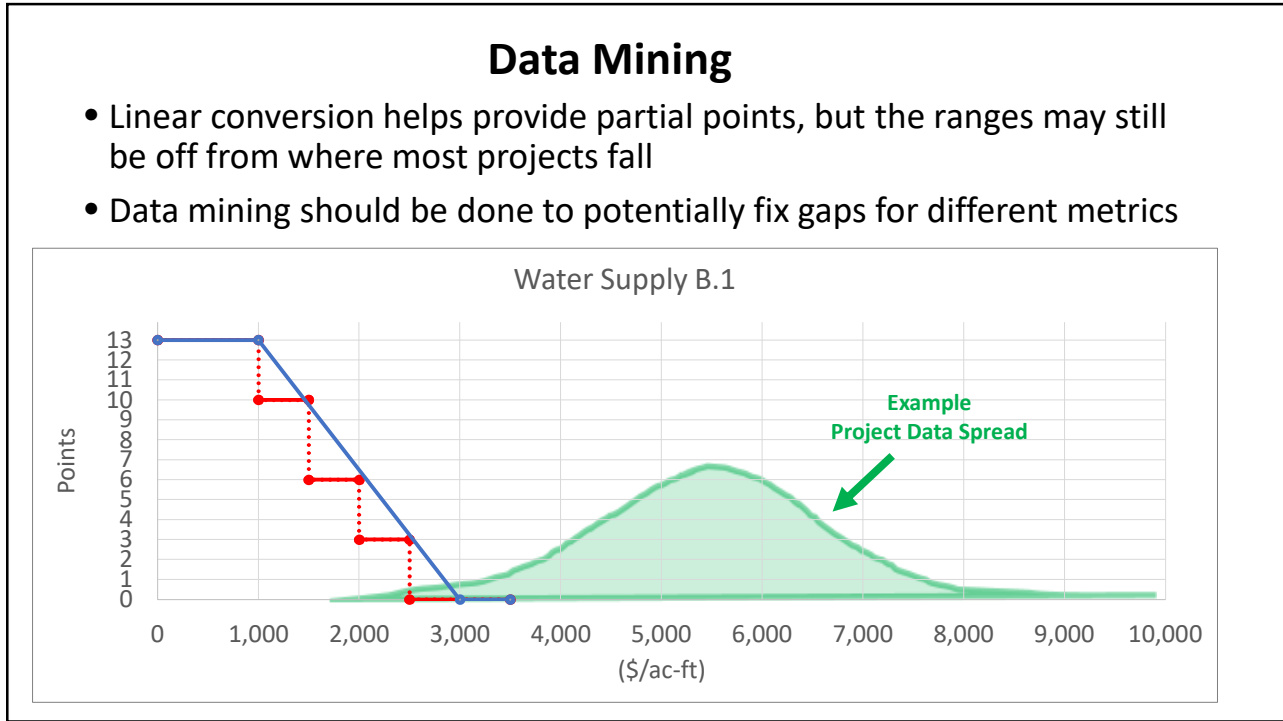
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Water Quality A1.2 Dry Weather Cost Effectiveness

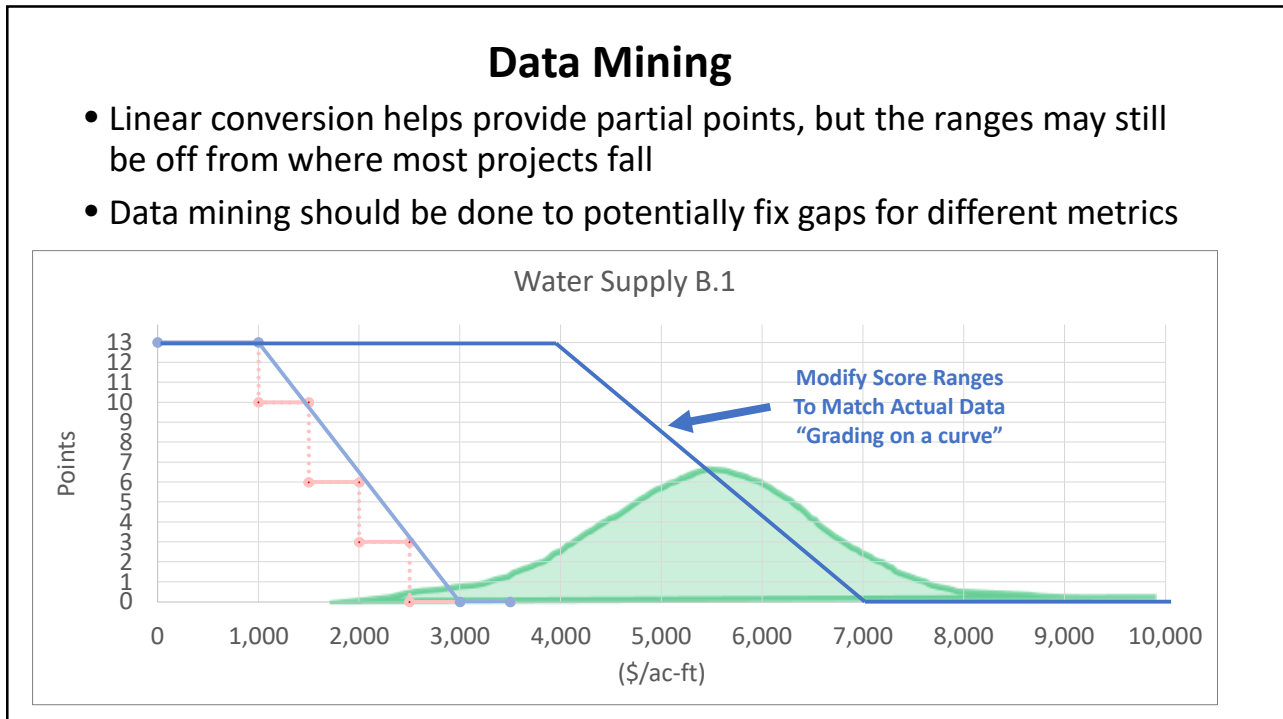
Watershed Area2	Project Name	Project Type2	Total Capture Area	LFD Capacity (MGD)
Central Santa Monica Bay	Ballona Creek TMDL Project	Dry	69,460	29
Central Santa Monica Bay	Culver City Mesmer Low Flow Diversion	Dry	6,288	0.64
Lower Los Angeles River	Long Beach Municipal Urban Stormwater Treatment (LB MUST) - Phase 1	Dry	12,636	2

Only three TRUE dry weather diversion projects were submitted. Need more data to develop cost effectiveness

14



15



16

DATE: September 8, 2020

TO: Water Policy Committee/Water TAC

FROM: Marisa Creter, Executive Director

RE: **LEGISLATIVE UPDATES**

RECOMMENDED ACTION

For information only.

BACKGROUND

The State Legislative Session ended on August 31, 2020 and none of the SGVCOG's watched bills passed. Below is an overview of State legislation that the Water Committee and Water TAC tracked, as well as federal legislation that the Committee and TAC are currently tracking.

H.R. 7617 (Visclosky) – 2021 Appropriations Act

- **Summary:** The Fiscal Year 2021 Energy and Water Appropriations bill includes \$384,900,000 to fix the Whittier Narrows Dam as part of the U.S. Army Corps of Engineers' Dam Safety and Seepage Program.
- **Status:** Approved by the U.S. House of Representative on a 217-197 vote. Received in the Senate on August 12, 2020. Bill must be funded within the next 6 months.
- **SGVCOG Position:** TBD

SB 45 (Allen, Portantino, and Stern) – Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020

- **Summary:** This bill would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$5,510,000,000 pursuant to the State General Obligation Bond Law to finance projects for a wildfire prevention, safe drinking water, drought preparation, and flood protection program.
- **Status:** Died on August 31, 2020.
- **SGVCOG Position:** TBD

SB 971 (Hertzberg) – Small Water Supplier and Countywide Water Shortage Contingency Planning

- **Summary:** This bill would require small water suppliers to prepare and adopt a water shortage contingency plan and would require a county at risk of drought or water shortage to take specified actions related to water shortage planning and response, including establishing a county drought and water shortage task force. This bill would impose requirements on the department and the state board to support implementation of the recommendations of the department's County Drought and Advisory Group.
- **Status:** Died on August 31, 2020.

- **SGVCOG Position:** TBD

SB 996 (Portantino) – State Water Resources Control Board: Constituents of Emerging Concern Program

- **Summary:** This bill would require the State Water Board to establish a Constituents of Emerging Concern (CEC) Drinking Water Program which would identify, evaluate, and prioritize actions for CECs in drinking water sources. A dedicated funding source would be created to establish and maintain the program. This fund would additionally support the creation of a Science Advisory Panel to assist the State Water Board in its considerations when prioritizing and making regulatory determinations for CECs, as well as a Stakeholder Advisory Group that would advise the State Water Board in meeting the purposes of the CEC program.
- **Status:** Died on August 31, 2020.
- **SGVCOG Position:** TBD

SB 1217 (Dahle) – Urban Water Use Targets: Indoor Residential Water Use:

- **Summary:** This bill would eliminate the prescribed per capita use standards for indoor residential water use (55 gallons per capita daily), but would still require the department and board to conduct studies and investigations and provide a recommendation and a report to the Legislature regarding a standard for indoor residential water use that more appropriately reflects best practices. The bill would require the department and board to allow individual urban water suppliers the flexibility to consider existing local hydrologic conditions on an annual basis. The bill would extend the date the report is due to January 1, 2022.
- **Status:** Died on August 31, 2020.
- **SGVCOG Position:** TBD

AB 2182 (Rubio) – Emergency Backup Generators: Water and Wastewater Facilities: Exemption

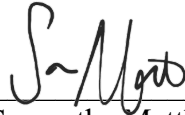
- **Summary:** This bill was introduced to address the unintended consequences of Public Safety Power Shutoff (PSPS) events for water and wastewater agencies. The bill proposes a narrow exemption from existing laws that limit the emissions of air contaminants when operating an alternative power source during events.
- **Status:** Died on August 31, 2020.
- **SGVCOG Position:** TBD

AB 2364 (Rubio) – Municipal Separate Storm Sewer Systems: Financial Capability Analysis

- **Summary:** This bill would require the State Water Resources Control Board, by July 1, 2021, to establish financial capability assessment guidelines for municipal separate storm sewer system permittees that are adequate and consistent when considering the costs to local jurisdictions. The bill would require the state board and the regional boards to continue using available regulatory tools and other approaches to foster collaboration with permittees to implement permit requirements in light of the costs of implementation.
- **Status:** Died on August 31, 2020.
- **SGVCOG Position:** TBD

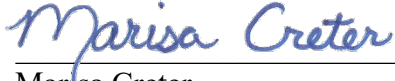
REPORT

Prepared by:



Samantha Matthews
Management Analyst

Approved by:



Marisa Creter
Executive Director