

The Metropolitan Water District of Southern California

Agenda

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

EOT Committee

D. Erdman, Chair
S. Faessel, Vice Chair
D. Alvarez
G. Bryant
J. Crawford
B. Dennstedt
L. Fong-Sakai
R. Jay
J. Lewitt
C. Miller
M. Petersen
K. Seckel

Engineering, Operations, and Technology Committee

Meeting with Board of Directors *

July 13, 2026

9:00 a.m.

**Monday, July 13, 2026
Meeting Schedule**

**09:00 a.m. EOT
11:00 a.m. LEG
01:00 p.m. BREAK
01:30 p.m. OWA
02:30 p.m. OPE**

To livestream the meetings on the internet: [click here](#).

Members of the public may present their comments to the Board and Committees on matters within their jurisdiction in real-time during the public comment section of the meeting by teleconference and in-person. To attend remotely or to provide public comment dial 1-877-853-5257 and enter meeting ID: 862 4397 5848 or to join through the internet [click here](#).

Written public comments sent to BoardPublicComment@mwdh2o.com and received by 3:00 p.m. the business day before the meeting is scheduled are sent to the Board and will be posted under the Submitted Items and Responses tab available here: <https://mwdh2o.legistar.com/Legislation.aspx>. Written comments not received on time will not be included in the record for that meeting. Comments within the subject matter jurisdiction will be sent after the meeting for the record of the next meeting.

Disclaimer: Written and oral public comments are received in compliance with the Ralph M. Brown Act. Please note that Metropolitan does not endorse or ensure the accuracy or reliability of the information provided as public comment or by third parties.

MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012
Teleconference Locations:
3008 W. 82nd Place • Inglewood, CA 90305

* The Metropolitan Water District's meeting of this Committee is noticed as a joint committee meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board who are not assigned to this Committee may participate as members of the Board, whether or not a quorum of the Board is present. In order to preserve the function of the committee as advisory to the Board, members of the Board who are not assigned to this Committee will not vote on matters before this Committee.

* Translated Agendas [21577](#)

Attachments: [07132026 EOT Agenda - Armenian](#)
[07132026 EOT Agenda - Chinese Mandarin](#)
[07132026 EOT Agenda - Spanish](#)

Agendas are translated by a digital translation service. Metropolitan does not guarantee accuracy of any translation.

1. Opportunity for members of the public to address the committee on matters within the committee's jurisdiction (As required by Gov. Code Section 54954.3(a))

**** CONSENT CALENDAR ****

2. COMMITTEE ACTION (ONLY)

A. Approve the Minutes of the Engineering, Operations, and Technology Committee of June 8, 2026 [21-5609](#)

Attachments: [07132026 EOT 2A \(06082026\) Minutes](#)

3. COMMITTEE ITEMS (FOR BOARD CONSIDERATION)

7-1 Award a \$7,159,500 contract to Shimmick Construction Company Inc. to replace two radial gates along the San Diego Canal and authorize an increase of \$515,000 to an agreement with Lee & Ro Inc. for a new not-to-exceed amount of \$1,419,000 for technical support during construction; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA [21-5988](#)

Attachments: [07142026 EOT 7-1 B-L](#)

7-2 Authorize an increase of \$2,750,000 to an existing agreement with Pure Technologies U.S. Inc. for a new not-to-exceed amount of \$9,750,000 million for inspections and analysis of Prestressed Concrete Cylinder Pipe; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA [21-5989](#)

**** END OF CONSENT CALENDAR ******4. COMMITTEE ITEMS (ACTION FOR BOARD CONSIDERATION)**

- 8-1 Award a \$16,525,536 contract to Wood Bros Inc. to construct a wetland on Webb Tract; and authorize a \$1,988,400 agreement with MBK Engineers to provide construction management services; an increase of \$864,000 to an existing agreement with Environmental Science Associates for a new not-to-exceed total of \$1,844,000 for environmental monitoring; an increase of \$260,000 to an existing agreement with GEI Consultants Inc. for a new not-to-exceed total of \$1,760,000 for technical support; an increase of \$145,000 to an existing agreement with HydroFocus Inc. for a new not-to-exceed total of \$600,000 for scientific monitoring; and an increase of \$100,000 to an existing agreement with J.A. Spezia Consulting for a new not-to-exceed total of \$300,000 for public outreach and tribal coordination; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA [21-5986](#)

5. COMMITTEE ITEMS (INFORMATIONAL FOR BOARD CONSIDERATION)

NONE

6. COMMITTEE ITEMS (INFORMATIONAL)

- a. Update on Alternative Project Delivery Methods [21-5991](#)
Attachments: [07132026 EOT 6a C-L](#)
- b. Reservoir Management Update [21-5992](#)
- c. Update on District Housing and Property Improvements Program [21-5993](#)

7. MANAGEMENT ANNOUNCEMENTS AND HIGHLIGHTS

- a. Engineering Services activities [21-5610](#)
Information Technology activities
Water System Operations activities
Attachments: [07132026 EOT 7a Engineering Services activities](#)

8. FOLLOW-UP ITEMS

NONE

9. FUTURE AGENDA ITEMS

10. ADJOURNMENT

NOTE: This committee reviews items and makes a recommendation for final action to the full Board of Directors. Final action will be taken by the Board of Directors. Committee agendas may be obtained on Metropolitan's Web site <https://mwdh2o.legistar.com/Calendar.aspx>. This committee will not take any final action that is binding on the Board, even when a quorum of the Board is present.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <https://mwdh2o.legistar.com/Calendar.aspx>.

Requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

The Metropolitan Water District of Southern California

Agenda

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

ԵՕՏ կոմիտե

- Դ. Էրդման, նախագահ
- Ս. Ֆասել, փոխնախագահ
- Դ. Ավարես
- Գ. Բրայանտ
- Ջ. Զրոուֆորդ
- Բ. Դենսթեդտ
- Լ. Fong -Sakai
- Ռ. Ջեյ
- Ջ. Լյուիթ
- Զ. Միլեր
- Մ. Պետերսեն
- Կ. Սեբել

Ինժեներական, գործառնական և տեխնոլոգիական կոմիտեի -եզրափակիչ

Հանդիպում տնօրենների խորհրդի հետ *

2026 թվականի հուլիսի 13-ին

9:00-ին

Երկուշաբթի, 13 հուլիսի, 2026թ.

Հանոհաման

09:00 (արևելյան ժամանակով)

11:00 a.m. LEG

13:00 ԸՆԴՄԻՋՈՒՄ

13:30 OWA

14:30 Բաց է

Հանդիպումները ինտերնետում ուղիղ հեռարձակմամբ դիտելու համար [սեղմեք այստեղ](#) :

Հանրության անդամները կարող են իրենց իրավասությանը ենթակա հարցերի վերաբերյալ իրենց մեկնաբանությունները ներկայացնել խորհրդին և կոմիտեներին՝ -նիստի հանրային մեկնաբանությունների բաժնի ընթացքում՝ հեռախոսակապով և անձամբ: Հեռակա մասնակցելու կամ հանրային մեկնաբանություն տալու համար զանգահարեք 18778535257 հեռախոսահամարով և մուտքագրեք հանդիպման ID-ն՝ 862 4397 5848, կամ ինտերնետի միջոցով միանալու համար [սեղմեք այստեղ](#) :

[BoardPublicComment@mwdh 2 o . com](mailto:BoardPublicComment@mwdh2o.com) հասցեին ուղարկված և նիստից մեկ աշխատանքային օր առաջ՝ ժամը 15:00-ին ստացված գրավոր հանրային մեկնաբանությունները ուղարկվում են խորհրդին և կտեղադրվեն «Ներկայացված նյութեր և պատասխաններ» բաժնում, որը հասանելի է այստեղ՝ [https://mwdh 2 o . legistar . com / Legislation . aspx](https://mwdh2o.legistar.com/Legislation.aspx) : Ժամանակին չստացված գրավոր մեկնաբանությունները չեն ներառվի տվյալ նիստի արձանագրության մեջ: Թեմայի իրավասության շրջանակներում մեկնաբանությունները կուղարկվեն նիստից հետո՝ հաջորդ նիստի արձանագրության համար:

Հրաժարում պատասխանատվությունից. Գրավոր և բանավոր հանրային մեկնաբանությունները ստացվում են Ռալֆ Մ. Բրաունի օրենքի համաձայն: Խնդրում ենք նկատի ունենալ, որ Մետրոպոլիտենը չի հաստատում կամ չի ապահովում հանրային մեկնաբանությունների կամ երրորդ կողմերի կողմից տրամադրված տեղեկատվության ճշգրտությունը կամ հուսալիությունը:

MWD գլխավոր գրասենյակի շենք • 700 Հյուսիսային Ալամեդա փողոց • Լոս Անջելես, Կալիֆոռնիա 90012
Հեռախոսաժողովի վայրեր՝
3008 Արևմտյան 82-րդ տեղ • Ինգվուդ, Կալիֆոռնիա 90305

Էջ 2

* Այս կոմիտեի Մետրոպոլիտեն ջրային շրջանի նիստը համարվում է տնօրենների խորհրդի հետ համատեղ կոմիտեի նիստ՝ Բրաունի ակտի պահանջներին համապատասխանելու նպատակով: Այս կոմիտեին չնշանակված խորհրդի անդամները կարող են մասնակցել որպես խորհրդի անդամներ՝ անկախ նրանից, թե խորհրդի քվորումը ներկա է, թե ոչ: Կոմիտեի՝ որպես խորհրդի խորհրդատվական գործառույթը պահպանելու համար, այս կոմիտեին չնշանակված խորհրդի անդամները չեն քվեարկի այս կոմիտեի քննարկմանը ներկայացված հարցերի վերաբերյալ:

* Թարգմանված օրակարգեր 21 -6023

Օրակարգերը թարգմանվում են թվային թարգմանչական ծառայության կողմից: Մետրոպոլիտենը չի երաշխավորում որևէ թարգմանության ճշգրտությունը:

1. Հանրության անդամների համար հանձնաժողովին դիմելու հնարավորություն հանձնաժողովի իրավասության ներքո գտնվող հարցերի վերաբերյալ (ինչպես պահանջվում է Կառավարական օրենսգրքի 54954.3(a) բաժնի համաձայն):

****ՀԱՄԱՁԱՅՆՈՒԹՅԱՆ ՕՐԱՑՈՒՅՑ****

2. ՀԱՆՁՆԱԺՈՂՈՎԻ ԳՈՐԾՈՂՈՒԹՅՈՒՆ (ՄԻԱՅՆ)

Ա. Հաստատել ճարտարագիտության, շահագործման և տեխնոլոգիաների կոմիտեի 2026 թվականի հունիսի 8-ի արձանագրությունը: 21 -5609

3. ՀԱՆՁՆԱԺՈՂՈՎԻ ՀԱՐՑԵՐ (ԽՈՐՀՐԴԻ ՔՆՆԱՐԿՄԱՆ ՀԱՄԱՐ)

7 -1 Շիմմիք շինարարական ընկերությանը շնորհել 7,159,500 դոլարի պայմանագիր՝ Սան Դիեգոյի ջրանցքի երկայնքով երկու ճառագայթային դարպասները փոխարինելու համար, և թույլատրել Lee & Ro Inc.-ի հետ կնքված համաձայնագրի 515,000 դոլարով ավելացում -շինարարության ընթացքում տեխնիկական աջակցության համար նախատեսված նոր, չգերազանցող 1,419,000 դոլար գումարի համար: Գլխավոր տնօրենը որոշել է, որ առաջարկվող գործողությունը ազատված է կամ այլ կերպ չի ենթարկվում CEQA-ին: 21 -5988

Կից Ֆայլեր` [07142026 EOT 7 -1 BL](#)

7 -2 Հաստատել Pure Technologies US Inc.-ի հետ գործող համաձայնագրի 2,750,000 ԱՄՆ դոլարի չափով ավելացումը՝ նախալարված բետոնե գլանային խողովակների ստուգման և վերլուծության համար նախատեսված նոր, չգերազանցող -գումարի համար: Գլխավոր տնօրենը որոշել է, որ առաջարկվող գործողությունը ազատված է կամ այլ կերպ չի ենթարկվում CEQA-ին: 21 -5989

**** ՀԱՄԱՁԱՅՆՈՒԹՅԱՆ ՕՐԱՑՈՒՅՑԻ ԱՎԱՐՏ ****

4. ՀԱՆՁՆԱԺՈՂՈՎԻ ԿԵՏԵՐ (ԳՈՐԾՈՂՈՒԹՅՈՒՆ ԽՈՐՀՐԴԻ

8 -1 Շնորհել 16,525,536 դոլարի պայմանագիր Wood Bros Inc.-ին՝ Ուեբ Թրակտում ճահճուտ կառուցելու համար, և հաստատել 1,988,400 դոլարի պայմանագիր MBK Engineers-ի հետ՝ շինարարության կառավարման ծառայություններ մատուցելու համար, Environmental Science Associates-ի հետ գործող պայմանագրին ավելացնել 864,000 դոլարով՝ շրջակա միջավայրի մոնիթորինգի համար՝ ընդհանուր առմամբ 1,844,000 դոլար, GEI Consultants Inc.-ի հետ գործող պայմանագրին ավելացնել 260,000 դոլարով՝ տեխնիկական աջակցության համար՝ ընդհանուր առմամբ 1,760,000 դոլար, -HydroFocus Inc.-ի հետ գործող պայմանագրին ավելացնել 145,000 դոլարով՝ գիտական մոնիթորինգի համար ընդհանուր -առմամբ 600,000 դոլար, և JA Spezia Consulting-ի հետ գործող պայմանագրին ավելացնել 100,000 դոլարով՝ հանրության հետ կապերի և ցեղային համակարգման համար՝ ընդհանուր առմամբ 300,000 դոլար: Գլխավոր տնօրենը որոշել է, որ առաջարկվող գործողությունը ազատված է կամ այլ կերպ չի ենթարկվում CEQA-ին:

21 -5986

5. ՀԱՆՁՆԱԺՈՂՈՎԻ ԿԵՏԵՐ (ՏԵՂԵԿԱՏՎԱԿԱՆ՝ ԽՈՐՀՐԴԻ ՔՆՆԱՐԿՄԱՆ ՀԱՄԱՐ)

ՈՉԻՆՉ

6. ՀԱՆՁՆԱԺՈՂՈՎԻ ԿԵՏԵՐ (ՏԵՂԵԿԱՏՎԱԿԱՆ)

ա. Ծրագրի իրականացման այլընտրանքային մեթոդների վերաբերյալ թարմացում **21 -5991**

Կից Ֆայլեր՝ [07132026 EOT 6a C -L](#)

բ. Ջրամբարի կառավարման թարմացում **21 -5992**

գ. Շրջանի բնակարանային և գույքային բարելավման ծրագրի վերաբերյալ թարմացված տեղեկատվություն **21 -5993**

7. Ղեկավարության հայտարարություններ և կարևորագույն փաստեր

ա. Ինժեներական ծառայությունների գործունեություն **21 -5610**
 Տեղեկատվական տեխնոլոգիաների գործունեություն
 Ջրային համակարգի շահագործման գործունեություն

Կից Ֆայլեր՝ [07132026 EOT 7a Ճարտարագիտական ծառայությունների](#)

8. Հետևողական -նյութեր

ՈՉԻՆՉ

9. Ապագա օրակարգի կետեր

10. ՀԵՏԱԶԳՈՒՄ

Էջ 4

ՆՇՈՒՄ. Այս հանձնաժողովը քննարկում է հարցերը և վերջնական որոշում կայացնելու առաջարկություն է անում տնօրենների խորհրդին: Վերջնական որոշումը կկայացնի տնօրենների խորհուրդը: Հանձնաժողովի օրակարգերը կարելի է ստանալ Մետրոպոլիտենի կայքէջում՝ <https://mwdh2o.legistar.com/Calendar.aspx>: Այս հանձնաժողովը չի կայացնի որևէ վերջնական որոշում, որը պարտադիր է խորհրդի համար, նույնիսկ եթե խորհրդի անդամները ներկա են:

Բաց նիստի օրակարգի հարցերի վերաբերյալ գրավոր նյութերը, որոնք տնօրեններին տրամադրվել են հերթական նիստից 72 ժամ առաջ, հասանելի են հանրային ծանոթացման համար Մետրոպոլիտենի գլխավոր գրասենյակի շենքում և Մետրոպոլիտենի կայքում՝ <https://mwdh2o.legistar.com/Calendar.aspx>:

Հաշմանդամության -հետ կապված փոփոխության կամ հարմարեցման, այդ թվում՝ օժանդակ միջոցների կամ ծառայությունների վերաբերյալ հարցումները, որոնք նախատեսված են նիստին մասնակցելու կամ մասնակցելու համար, պետք է ներկայացվեն խորհրդի գործադիր քարտուղարին նիստից առաջ՝ պահանջվող ծառայության կամ հարմարեցման հասանելիությունն ապահովելու համար :

The Metropolitan Water District of Southern California

Agenda

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

EOT委员会

D. Erdman, 主席
S. Faessel, 副主席
D. 阿尔瓦雷斯
G. 布莱恩特
J. 克劳福德
B. 丹斯泰特
酒井方
R. 杰伊
J. 莱维特
C. 米勒
M. 彼得森
K. 塞克尔

工程、运营和技术委员会-最终版

与董事会会议*

2026年7月13日

上午9:00

2026年7月13日, 星期一

会议日程

上午 9:00 EOT
上午 11:00 腿部
下午 1:00 休息
下午 1:30 OWA
下午 2:30 开放

要通过互联网直播会议, [请点击这里](#)。

公众可通过电话会议或现场参会, 在会议的公众评议环节实时向理事会和各委员会就其管辖范围内的事项发表意见。如需远程参会或发表公众意见, 请拨打 18778535257 并输入会议 ID: 862 4397 5848; 或-[点击此处](#)通过网络加入会议。

公众提交的书面意见, 请发送至BoardPublicComment@mwdh2o.com, 并在会议召开前一个工作日的下午 3:00

前收到。这些意见将提交给委员会, 并发布在“已提交事项及回复”标签页下, 该标签页可在此处查看: [https :](https://mwdh2o.legistar.com/Legislation.aspx)

[//mwdh2o.legistar.com/Legislation.aspx](https://mwdh2o.legistar.com/Legislation.aspx)。未按时收到的书面意见将不被纳入本次会议的记录。与会议主题相关的意见将在会后提交, 以供下次会议记录。

免责声明: 根据《拉尔夫·M·布朗法案》, 公众可提交书面和口头意见。请注意, 大都会医疗中心不对公众意见或第三方提供的信息的准确性或可靠性进行认可或保证。

MWD总部大楼·北阿拉米达街700号·洛杉矶, 加利福尼亚州 90012

电话会议地点:

加利福尼亚州英格尔伍德市西82街3008号, 邮编90305

*
 为遵守《布朗法案》，大都会水务局的本委员会会议将与董事会联合召开。未分配到本委员会的董事会成员可以作为董事会成员参加会议，无论董事会是否达到法定人数。为确保委员会作为董事会咨询机构的职能，未分配到本委员会的董事会成员将不参与本委员会审议事项的投票。

* 翻译议程 21 -6023

议程由数字翻译服务翻译。大都会酒店集团不保证任何翻译的准确性。

1. 公众有机会就委员会管辖范围内的事项向委员会发言（根据政府法典第54954.3(a) 条的规定）

****同意书日历****

2. 委员会行动（仅限）

一个。批准2026年6月8日工程、运营和技术委员会会议纪要 21 -5609

3. 委员会事项（供董事会审议）

7 -1 授予Shimmick Construction Company 21 -5988
 Inc.一份价值7,159,500美元的合同，用于更换圣地亚哥运河沿线的两座弧形闸门；并授权
 将与Lee & Ro
 Inc.签订的协议金额增加515,000美元，使-施工期间的技术支持费用总额不超过1,419,000
 美元；总经理已确定拟议行动属于豁免范围，或不受《加州环境质量法案》（CEQA）的约
 束。

附件： [07142026 EOT 7 -1 BL](#)

7 -2 批准将与 Pure Technologies US Inc. 的现有协议金额增加 2,750,000 21 -5989
 美元，使新协议-金额不超过 9,750,000
 美元，用于预应力混凝土管的检查和分析；总经理已确定拟议行动属于豁免范围或不受《
 加州环境质量法案》(CEQA) 的约束。

****同意书日历结束****

4. 委员会事项（供董事会审议）

8 -1 授予 Wood Bros Inc. 一份价值 16,525,536 美元 的合同, 用于在 Webb Tract 上建造湿地; 授权与 MBK Engineers 签订一份价值 1,988,400 美元的协议, 用于提供施工管理服务; 将与 Environmental Science Associates 签订的现有协议金额增加 864,000 美元, 使新的协议-总额不超过 1,844,000 美元, 用于环境监测; 将与 GEI Consultants Inc. 签订的现有协议金额增加 260,000 美元, 使新的协议总额不超过 1,760,000 美元, 用于技术支持; 将与HydroFocus Inc. 签订的现有协议金额增加 145,000 美元, 使新的协议总额不超过600,000-美元, 用于科学监测; 将与 JA Spezia Consulting 签订的现有协议金额增加 100,000 美元, 使新的协议总额不超过 300,000 美元, 用于公众宣传和部落协调; 总经理已确定拟议行动属于豁免范围或不受《加州环境质量法案》(CEQA) 的约束。 **21 -5986**

5. 委员会事项 (供董事会参考)

没有任何

6. 委员会事项 (信息性)

一个。 关于替代项目交付方式的最新进展 **21 -5991**

附件: [07132026 EOT 6a C -L](#)

b. 水库管理最新进展 **21 -5992**

c. 地区住房和物业改善计划最新进展 **21 -5993**

7. 管理层公告及亮点

一个。 工程服务活动 **21 -5610**
信息技术活动

附件: [07132026 EOT 7a 工程服务活动](#)

8. 后续-事项

没有任何

9. 未来议程项目

10. 休会

注：本委员会负责审核各项议题，并向全体董事会提出最终行动建议。最终行动由董事会做出。委员会议程可在Metropolitan网站<https://mwdh2o.legistar.com/Calendar.aspx>上查阅。即使董事会达到法定人数，本委员会也不会做出任何对董事会具有约束力的最终决定。

与公开会议议程项目相关的书面材料，如果在例会召开前不到 72 小时分发给董事，则可在大都会总部大楼和大都会网站 <https://mwdh2o.legistar.com/Calendar.aspx> 上供公众查阅。

如需残疾-相关的调整或便利措施（包括辅助工具或服务）以便参加会议，应提前向董事会执行秘书提出申请，以确保所要求的服务或便利措施能够提供。

The Metropolitan Water District of Southern California

Agenda

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

Comité EOT

D. Erdman, Presidente
S. Faessel, Vicepresidente
D. Álvarez
G. Bryant
J. Crawford
B. Dennstedt
L. Fong -Sakai
R. Jay
J. Lewitt
C. Miller
M. Petersen
K. Seckel

Final del Comité de Ingeniería, Operaciones y Tecnología-

Reunión con la Junta Directiva *

13 de julio de 2026

9:00 a. m.

Lunes, 13 de julio de 2026
Calendario de reuniones

09:00 am EOT
11:00 am LEG
13:00 h DESCANSO
13:30 OWA
14:30 h OPE

Para ver las reuniones en directo por internet: [haga clic aquí](#).

Los miembros del público pueden presentar sus comentarios a la Junta y a los Comités sobre asuntos de su competencia en tiempo real durante la sección de comentarios públicos de la reunión, tanto por teleconferencia como en persona. Para asistir de forma remota o para presentar comentarios públicos, marque 18778535257 e ingrese el ID de la reunión: 862 4397 5848 o, para unirse por internet, [haga clic aquí](#).

[escrito](#) enviados a BoardPublicComment@mwdh2o.com y recibidos antes de las 15:00 horas del día hábil anterior a la reunión programada se enviarán a la Junta y se publicarán en la pestaña "Elementos y respuestas presentados", disponible aquí: <https://mwdh2o.legistar.com/Legislation.aspx>. Los comentarios por escrito que no se reciban a tiempo no se incluirán en el acta de esa reunión. Los comentarios que se encuentren dentro de la jurisdicción temática se enviarán después de la reunión para el acta de [la siguiente reunión](#).

Descargo de responsabilidad: Los comentarios públicos, tanto escritos como orales, se reciben de conformidad con la Ley Ralph M. Brown. Tenga en cuenta que Metropolitan no respalda ni garantiza la exactitud ni la fiabilidad de la información proporcionada en los comentarios públicos ni por terceros.

Edificio de la sede central de MWD • 700 N. Alameda Street • Los Ángeles, CA 90012
Ubicaciones para teleconferencias:
3008 W. 82nd Place • Inglewood, CA 90305

* La reunión de este Comité del Distrito Metropolitano de Agua se convoca como una reunión conjunta con la Junta Directiva para el cumplimiento de la Ley Brown. Los miembros de la Junta que no estén asignados a este Comité podrán participar como miembros de la Junta, independientemente de si hay o no quórum. Para preservar la función consultiva del Comité ante la Junta, los miembros de la Junta que no estén asignados a este Comité no votarán en los asuntos que se presenten ante él.

* Agendas traducidas 21 -6023

Los programas se traducen mediante un servicio de traducción digital. Metropolitano no garantiza la exactitud de ninguna traducción.

1. Oportunidad para que los miembros del público se dirijan al comité sobre asuntos dentro de la jurisdicción del comité (Según lo exige la Sección 54954.3(a) del Código Gubernamental).

**** CALENDARIO DE CONSENTIMIENTO ****

2. DECISIÓN DEL COMITÉ (SOLO)

A. Aprobar las actas del Comité de Ingeniería, Operaciones y Tecnología del 8 de junio de 2026. 21 -5609

3. ASUNTOS DEL COMITÉ (PARA CONSIDERACIÓN DE LA JUNTA)

7 -1 Adjudicar un contrato de \$7,159,500 a Shimmick Construction Company Inc. para reemplazar dos compuertas radiales a lo largo del Canal de San Diego y autorizar un aumento de \$515,000 a un acuerdo con Lee & Ro Inc. por un nuevo -monto que no exceda los \$1,419,000 para soporte técnico durante la construcción; el Gerente General ha determinado que la acción propuesta está exenta o no está sujeta a la CEQA. 21 -5988

Archivos [07142026 EOT 7 -1 BL](#)

7 -2 Autorizar un aumento de \$2,750,000 a un acuerdo existente con Pure Technologies US Inc. por un nuevo -monto que no exceda los \$9,750,000 para inspecciones y análisis de tuberías cilíndricas de hormigón pretensado; el gerente general ha determinado que la acción propuesta está exenta o no está sujeta a la CEQA. 21 -5989

**** FIN DEL CALENDARIO DE CONSENTIMIENTO ****

4. ASUNTOS DEL COMITÉ (PARA CONSIDERACIÓN DE LA JUNTA)

- 8 -1** Adjudicar un contrato de \$16,525,536 a Wood Bros Inc. para construir un humedal en Webb Tract; y autorizar un acuerdo de \$1,988,400 con MBK Engineers para proporcionar servicios de gestión de construcción; un aumento de \$864,000 a un acuerdo existente con Environmental Science Associates para un nuevo -total que no exceda los \$1,844,000 para monitoreo ambiental; un aumento de \$260,000 a un acuerdo existente con GEI Consultants Inc. para un nuevo total que no exceda los \$1,760,000 para soporte técnico; un aumento de \$145,000 a un acuerdo existente con HydroFocus Inc. para un nuevo total que no -exceda -los \$600,000 para monitoreo científico; y un aumento de \$100,000 a un acuerdo existente con JA Spezia Consulting para un nuevo total que no exceda los \$300,000 para divulgación pública y coordinación tribal; El gerente general ha determinado que la acción propuesta está exenta o no está sujeta a la CEQA. **21 -5986**

5. ASUNTOS DEL COMITÉ (INFORMACIÓN PARA LA CONSIDERACIÓN DE LA JUNTA DIRECTIVA)

NINGUNO

6. PUNTOS DEL COMITÉ (INFORMATIVOS)

- a. Actualización sobre métodos alternativos de entrega de proyectos **21 -5991**
Archivos [07132026 EOT 6a C -L](#)
- b. Actualización sobre la gestión de embalses **21 -5992**
- c. Actualización sobre el programa distrital de mejoras en viviendas y **21 -5993**

7. ANUNCIOS Y ASPECTOS DESTACADOS DE LA GERENCIA

- a. Actividades de servicios de ingeniería **21 -5610**
 Actividades de tecnología de la información
 Actividades de operación del sistema de agua
Archivos [07132026 EOT 7a Actividades de servicios de ingeniería](#)

8. TEMAS DE SEGUIMIENTO-

NINGUNO

9. PUNTOS DEL ORDEN DEL DÍA FUTURO

10. APLAZAMIENTO

NOTA: Este comité revisa los asuntos y formula una recomendación para su aprobación final ante la Junta Directiva en pleno. La Junta Directiva tomará la decisión final. Las agendas de los comités pueden consultarse en el sitio web de Metropolitan: <https://mwdh2o.legistar.com/Calendar.aspx>. Este comité no tomará ninguna decisión final vinculante para la Junta Directiva, incluso cuando haya quórum.

Los documentos relacionados con los puntos del orden del día de las sesiones públicas que se distribuyen a los directores con menos de 72 horas de antelación a una reunión ordinaria están disponibles para su consulta pública en el edificio de la sede de Metropolitan y en el sitio web de Metropolitan: <https://mwdh2o.legistar.com/Calendar.aspx>.

Las solicitudes de modificaciones o adaptaciones relacionadas con la discapacidad -, incluidas las ayudas o servicios auxiliares, para asistir o participar en una reunión, deben dirigirse al Secretario Ejecutivo de la Junta con antelación a la reunión para garantizar la disponibilidad del servicio o la adaptación solicitada.

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

MINUTES

ENGINEERING, OPERATIONS & TECHNOLOGY COMMITTEE

June 8, 2026

Chair Erdman called the meeting to order at 9:00 a.m.

Members present: Directors Bryant, Dennstedt, Erdman, Fong-Sakai, Jay, Lewitt, McMillan (teleconference posted location), Miller (alternative teleconference), Petersen (entered after rollcall), and Seckel

Members absent: Directors Alvarez, Crawford, and Faessel

Other board members present: Directors Camacho, Crane, Denham, Gray (teleconference posted location), Paule, and Shepherd Romey

Director Miller stated he was participating using alternative teleconferencing because he was caring for a family member and was alone in the room.

Committee staff present: Bednarski, Chapman, Chaudhuri, Deshmukh, Hattar, Hudson, Martinez, Miller, Nobriga, Parsons, Rhoads, and Rubin

Director Petersen entered the meeting.

1. OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE COMMITTEE ON MATTERS WITHIN THE COMMITTEE'S JURISDICTION (As required by Gov. Code Section 54954.3(a))

None

CONSENT CALENDAR ITEMS – ACTION

2. COMMITTEE ACTION (ONLY)

- A.** Approval of the Minutes of the Engineering, Operations, and Technology Committee for May 11, 2026.

3. COMMITTEE ITEMS (FOR BOARD CONSIDERATION)

7-1 Subject: Award a \$698,352.64 contract to Tintometer Inc. to furnish 128 turbidity meters for the Robert A. Skinner and Robert B. Diemer Water Treatment Plants; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Presented by: No presentation was given.

Motion: Award a \$698,352.64 contract to Tintometer Inc. to furnish 128 turbidity meters for the Robert A. Skinner and Robert B. Diemer Water Treatment Plants.

7-2 Subject: Award a \$4,542,000 construction contract to J.F. Shea Construction Inc. for upgrades to the Hollywood Tunnel North Portal Pressure Control Structure; amend Metropolitan's Project Labor Agreement to include the subject project; and authorize the General Manager to acquire a temporary construction easement for an amount not to exceed \$60,000; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Presented by: No presentation was given.

Motion: a. Award a \$4,542,000 construction contract to J.F. Shea Construction Inc. for upgrades to the Hollywood Tunnel North Pressure Control Structure;
b. Amend Metropolitan's Project Labor Agreement to include the subject project; and
c. Authorize the General Manager to acquire a temporary construction easement for an amount not to exceed \$60,000.

Director Miller asked a question regarding 7-2.

Item 7-3 was deferred.

7-4 Subject: Approve the resolution adopting the Hazard Mitigation Plan; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Presented by: No presentation was given.

Motion: Approve the resolution adopting the Hazard Mitigation Plan

7-9 Subject: Award a \$789,356 contract to Ortiz & Son Inc. to rehabilitate the toe of the slope supporting Basin No. 8 at the Robert B. Diemer Water Treatment Plant; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Presented by: No presentation was given.

Motion: Award a \$789,356 construction contract to Ortiz & Son Inc. to rehabilitate the toe of the slope supporting Basin No. 8 at the Robert B. Diemer Water Treatment Plant.

Director Seckel made a motion, seconded by Director Dennstedt, to approve the consent calendar consisting of items 2A and 7-1, 7-2, 7-4, and 7-9.

The vote was:

Ayes: Directors Bryant, Dennstedt, Erdman, Fong-Sakai, Jay, Lewitt, McMillan, Miller, Petersen, Seckel
Noes: None
Abstentions: Fong-Sakai for item 2A
Not voting: None
Absent: Directors Alvarez, Crawford, and Faessel

The motion for item 2A passed by a vote of 9 ayes, 0 noes, 1 abstention, and 3 absent.

The motion for items 7-1, 7-2, 7-4, and 7-9 passed by a vote of 10 ayes, 0 noes, 0 abstentions, and 3 absent.

Director Miller stated he was alone.

**** END OF CONSENT CALENDAR ITEMS ****

4. COMMITTEE ITEMS (ACTION FOR BOARD CONSIDERATION)

None

5. COMMITTEE ITEMS (INFORMATIONAL FOR BOARD CONSIDERATION)

9-1 Subject: Capital Investment Plan Quarterly Report for period ending March 2026

Presented by: Jeff Nikolas, Sr Engineer, Capital Program Management Unit, Engineering Services

Mr. Nikolas reported on the following:

- Informational summary of the Capital Investment Plan (CIP) for period ending in March 2026.
- Board award of 2 construction contracts totaling \$62M.
- Total grant amounts for this period received for Pure Water, Drought Mitigation, Webb Tract Wetland Restoration, and Diemer Helicopter Hydrant projects.
- Status of construction & procurement contracts.
- Performance metrics for 3rd quarter of FY 2025/26.

The following Directors provided comments or asked questions.

1. Seckel
2. Lewitt
3. Fong-Sakai

Staff responded to the Directors' questions and comments.

6. COMMITTEE ITEMS (INFORMATIONAL)

a. Subject: Update on Metropolitan's Prestressed Concrete Cylinder Pipe Rehabilitation Program

Presented by: Tom Campbell, Unit Manager, C&D Program Management Unit, Engineering Services

Mr. Campbell reported on the following:

- PCCP management strategy, continuing regular inspections and monitoring, planning and execution of long-term rehabilitation.
- Update on PCCP rehabilitation projects underway including Second Lower Feeder, Allen-McColloch Pipeline, Sepulveda Feeder, Rialto Pipeline, and Calabasitas Feeder.
- Construction sequence based on latest inspection data.

The following Directors provided comments or asked questions.

1. Lewitt
2. Bryant
3. Fong-Sakai
4. Erdman
5. Seckel
6. Miller

Staff responded to the Directors' questions and comments.

7. MANAGEMENT ANNOUNCEMENTS AND HIGHLIGHTS

- a. Subject: Engineering Services, Information Technology, and Water System
 Operations Activities
 Presented by: John Bednarski, Assistant General Manager, Water and Technical
 Resources
 Shane Chapman, Assistant General Manager, Operations

Mr. Bednarski reported on the following:

- Desert Microwave Communication Tower Site Construction contract completed.
- Fabrication contract for slide gates for San Diego Canal East bypass completed.
- Damage Assessment Team (DAT) completed functional exercises.
- Update on Engineering Services' Mentoring Program.

Mr. Chapman reported on the following:

- All-hands managers' meeting was held to reconnect, learn, and share ideas for continued effectiveness in delivering high-quality water supplies.

The following Director provided comments or asked questions.

1. Seckel
2. Bryant
3. Fong-Sakai
4. Shepherd Romey

Staff responded to the Directors' question.

8. FOLLOW-UP ITEMS

None

9. FUTURE AGENDA ITEMS

Director Fong-Sakai inquired about the condition of Metropolitan's section of San Diego Pipeline No. 4.

Director Seckel requested that Metropolitan look at possible storage solutions to prepare for wet years.

10. ADJOURNMENT

The next meeting will be held on July 13, 2026.

Meeting adjourned at 9:58 a.m.

Dennis Erdman
Chair



- **Board of Directors**
Engineering, Operations, and Technology Committee

7/14/2026 Board Meeting

7-1

Subject

Award a \$7,159,500 contract to Shimmick Construction Company Inc. to replace two radial gates along the San Diego Canal and authorize an increase of \$515,000 to an agreement with Lee & Ro Inc. for a new not-to-exceed amount of \$1,419,000 for technical support during construction; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Executive Summary

The San Diego Canal supplies raw water to Lake Skinner and the San Diego County Water Authority. Radial gates V-06 and V-08 are used to shut down, isolate, and divert flows along the aqueduct and canal. These gates have been in continuous operation for 30 years, exhibit severe corrosion and material loss, and require replacement.

This action awards a construction contract to remove and replace the two radial gates and authorizes an increase to an existing agreement with Lee & Ro Inc. for technical support during construction. See **Attachment 1** for the Allocation of Funds, **Attachment 2** for the Abstract of Bids, **Attachment 3** for the Subcontractors for Low Bidder, and **Attachment 4** for the Location Map.

Proposed Action(s)/Recommendation(s) and Options

Staff Recommendation: Option #1

Option #1

- Award a \$7,159,500 contract to Shimmick Construction Company Inc. to replace the two radial gates along the San Diego Canal; and
- Authorize an increase of \$515,000 to an agreement with Lee & Ro Inc. for a new not-to-exceed total of \$1,419,000 for technical support during construction.

Fiscal Impact: Expenditure of \$10.9 million in capital funds. Approximately \$10.7 million in capital funds will be incurred in the current biennium and have been previously authorized. The remaining capital expenditures will be funded from the next capital investment plan budget.

Business Analysis: This option will increase operational reliability of the San Diego Canal delivery system and reduce the risk of uncontrolled and unplanned release of water to the surrounding areas.

Option #2

Do not proceed with the project at this time

Fiscal Impact: None

Business Analysis: This option would forego an opportunity to enhance the reliability of the San Diego Canal delivery system. Further deterioration of any of the gates could lead to excessive leakage, more extensive repairs, and increased costs.

Alternatives Considered

Staff considered deferring this project and continuing to inspect the gates annually to closely monitor their level of deterioration. An inspection in 2021 determined that the gates were heavily corroded and needed timely replacement. Interim repairs were performed on radial Gate V-08, consisting of patch plates welded over cracks to reinforce the gate. These weld repairs were temporary fixes to prevent catastrophic failure and keep the gate functioning until a new gate is installed. Staff recommend replacing the gates, which have exceeded their service life, with new gates that provide greater reliability and less maintenance.

Applicable Policy

Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

Related Board Action(s)/Future Action(s)

By Minute Item 52731, dated March 8, 2022, the Board authorized the final design to rehabilitate the V-06 and V-08 radial gates.

By Minute Item 54446, dated April 14, 2026, the Board appropriated a total of \$1.025 billion for projects identified in the Capital Investment Plan for Fiscal Years 2026/2027 and 2027/2028.

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

The proposed action is exempt from CEQA because it involves the operation, repair, and maintenance of existing public structures, facilities and mechanical equipment involving negligible or no expansion of existing or former use and no possibility of significantly impacting the physical environment. In addition, the proposed action is exempt from CEQA because it consists of the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. Finally, the proposed action is exempt from CEQA because it consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes. (State CEQA Guidelines Sections 15301, 15302, and 15304.)

CEQA determination for Option #2:

None required

Details and Background

Background

The San Diego Canal is located in Riverside County and supplies raw water to Lake Skinner and the San Diego County Water Authority. Radial gates V-06 and V-08 are key parts of the San Diego Canal system and are used to shut down, isolate, and divert flows along the canal. Each radial gate is constructed of a steel framework that resembles a slice of pie, with a curved plate that rotates to block flow when the gate is in the closed position. An electric motor actuator pivots the gate upward from the closed to the open position. The electric motor, hoisting mechanism, and radial gate are mounted on a concrete structure.

Gate V-06 has a width of 30 feet and a height of 15 feet, while Gate V-08 has a width of 15 feet and a height of 15 feet. Gate V-06 controls flow from the San Diego Canal into Lake Skinner and has been in continuous service since its original installation more than 45 years ago. During that time, the gate has received routine maintenance. Gate V-08 is located at the turnout from the Casa Loma Canal to the San Diego Canal. This gate was originally installed 45 years ago and was replaced during the San Diego Canal Enlargement Project in the early 1990s.

Inspections have identified that the gates' structural members are severely corroded and require replacement. Protective coatings on various components of the gates have begun to fail. The gates have a fiberglass laminate applied to the curved plate's face in contact with water. This laminate is deteriorating and has pulled away from the curved plate in several instances. Significant metal loss has occurred on portions of the steelwork and mounting brackets. Interim repairs were needed on radial gate V-08, consisting of patch plates welded over cracks to reinforce the gate. These weld repairs were temporary fixes to prevent catastrophic failure and keep the gate functioning until a new gate is installed. The existing motor actuators used to open and close the gates have also deteriorated. The final design for replacement of the gates is now complete, and staff recommend awarding a construction contract at this time.

San Diego Canal Radial Gates Rehabilitation – Construction

The scope of construction includes fabricating and installing new stainless-steel radial gates, fabricating drop gates which will be used to facilitate radial gate installation, replacing the gate actuators, electrical upgrades, and paving and grading improvements. Metropolitan forces will perform shutdown work on the canal, including dewatering in preparation for the contractor's work. The work will be performed over two planned shutdowns scheduled for February 2027 and 2028. During the first shutdown, the contractor will take detailed measurements and install guide rails for the new gates. The contractor will demolish the existing gates and install the replacement gates in the second shutdown.

A total of \$10.9 million is allocated for this work including the amount of the contract and \$515,000 for construction support by Lee & Ro, Inc. Allocated funds for Metropolitan staff include: \$880,000 for Metropolitan force activities as described above; \$946,000 for construction management and inspection; \$486,000 for submittal review, technical support during construction, responding to requests for information, and archiving record drawings; \$453,000 for contract administration, environmental monitoring, and project management; and \$460,500 for remaining budget. **Attachment 1** provides the allocation of the required funds.

Award of Construction Contract (Shimmick Construction Company Inc.)

Specifications No. 2130 for the San Diego Canal Radial Gates Rehabilitation was advertised for bids on March 20, 2026. As shown in **Attachment 2**, five bids were received and opened on May 14, 2026. The low bid from Shimmick Construction Company Inc., in the amount of \$7,159,500, complies with the requirements of the specifications. The other bids ranged from \$7,737,000 to \$9,490,000, while the engineer's estimate for this project was \$8,800,000. For this contract, Metropolitan established a Small Business Enterprise (SBE) participation level of at least 25 percent of the bid amount. Shimmick Construction Company Inc. has agreed to meet this level of participation. The subcontractors for this contract are listed in **Attachment 3**.

This action awards a \$7,159,500 contract to Shimmick Construction Company Inc. to replace two radial gates along the San Diego Canal. As described above, Metropolitan staff will perform construction management and inspection. Engineering Services' performance metric target range for construction management and inspection of projects with construction costs greater than \$3 million is 9 to 12 percent. For this project, the anticipated inspection cost is approximately 11.8 percent of the total construction cost. The total cost of construction for this project is \$8,039,500, which includes the contract amount (\$7,159,500) and Metropolitan force activities (\$880,000).

Engineering Services (Lee & Ro Inc.) – Amendment of Existing Agreement


Lee & Ro Inc. was prequalified via Request for Qualifications No. 1215 and performed final design for the replacement of the radial gates along the San Diego Canal under an existing board-authorized professional services agreement. As the engineer of record, Lee & Ro Inc. is recommended to provide technical support during construction. Planned activities include responding to contractor information requests, reviewing submittals, advising staff on technical issues as they arise during construction, and preparing record drawings. The estimated cost for these services is \$515,000.


This action authorizes an increase of \$515,000 to the existing agreement with Lee & Ro Inc. for a new not-to-exceed total of \$1,419,000 to provide technical support during construction. For this agreement, Metropolitan has

established an SBE participation level of 100 percent. Lee & Ro Inc. is an SBE firm and thus achieves 100 percent SBE participation.

Project Milestone

April 2028 – Completion of construction

	6/17/2026
_____ Mai M. Hattar Chief Engineer Engineering Services	Date

	6/17/2026
_____ Shivaji Deshmukh General Manager	Date

Attachment 1 – Allocation of Funds

Attachment 2 – Abstract of Bids

Attachment 3 – Subcontractors

Attachment 4 – Location Map

Ref# es12709335

Allocation of Funds for San Diego Canal Radial Gates Rehabilitation

	Current Board Action (July 2026)
Labor	
Studies & Investigations	\$ -
Final Design	-
Owner Costs (Program mgmt., envir. monitoring)	453,000
Submittals Review & Record Drwgs.	486,000
Construction Inspection & Support	946,000
Metropolitan Force Construction	880,000
Materials & Supplies	-
Incidental Expenses	-
Professional/Technical Services	
Lee & Ro Inc.	515,000
Right-of-Way	-
Equipment Use	-
Contracts	
Shimmick Construction Company Inc.	7,159,500
Remaining Budget	460,500
Total	\$ 10,900,000

The total amount expended to date is approximately \$2.65 million. The total estimated cost to complete the installation of the two radial gates, including the amount appropriated to date, and funds allocated for the work described in this action, is \$13.6 million.

The Metropolitan Water District of Southern California

Abstract of Bids Received on May 14, 2026, at 2:00 P.M.

**Specifications No. 2130
San Diego Canal Radial Gates Rehabilitation**

The work includes replacement of the existing radial gates with new stainless-steel radial gates, fabrication of drop gates to facilitate the radial gate installation, replacement of the actuators, electrical upgrades, and paving and grading improvements.

Engineer's estimate: \$8,800,000

Bidder and Location	Total	SBE \$	SBE %	Met SBE¹
Shimmick Construction Company Inc. Irvine, CA	\$7,159,500	\$1,759,500	25%	Yes
J.F Shea Construction Inc. Walnut, CA	\$7,737,000	-	-	-
Environmental Construction Inc. Woodland Hills, CA	\$8,535,244	-	-	-
MMC Inc. La Palma, CA	\$8,854,000	-	-	-
Caliagua Inc. Anaheim, CA	\$9,490,000	-	-	-

¹ Small Business Enterprise (SBE) participation level established at 25 percent for this contract.

The Metropolitan Water District of Southern California

Subcontractors for Low Bidder

**Specifications No. 2130
San Diego Canal Radial Gates Rehabilitation**

Low bidder: Shimmick Construction Company Inc.

Subcontractor	Service Category; Specialty
Hardy & Harper Inc. Lake Forest, CA	AC Paving
Southern Contracting Company San Marcos, CA	Electrical

Distribution System





Engineering, Operations, and Technology Committee

7/13/2026 Committee Meeting

6a

Subject

Update on Alternative Project Delivery Methods

Executive Summary

In addition to traditional design-bid-build (DBB) project delivery methodology, Metropolitan has the authority to utilize alternative project delivery methods for eligible public works projects. Recent California legislation has expanded Metropolitan's authority as a local agency to use these additional methods for water and related infrastructure projects. When compared to the traditional DBB process, these alternative methods, which include progressive design-build (PDB), Construction Manager/General Contractor (CM/GC), and design-build (DB), provide the opportunities for better project collaboration, greater contracting flexibility, and early contractor involvement during the design of a project. PDB and CM/GC are collaborative delivery methods that can accelerate project schedules, improve cost certainty, and mitigate risks compared to DBB delivery. Staff is providing an overview of each delivery method, the applicable legislative authorities, and the status of existing and upcoming Metropolitan projects that will use these alternative delivery methods.

Fiscal Impact

None

Applicable Policy

Not applicable

Related Board Action(s)/Future Action(s)

August 2026 – Authorize Phase 2B amendment to the PDB contract for the Sepulveda Feeder Pump Stations project

August 2026 – Authorize Phase 1 PDB agreement for the Lake Mathews Pressure Control Structure and Electrical Upgrades Project

Early 2027 – Authorize Phase 1 PDB for the Mills Plant Control System Upgrade

Early 2027 – Authorize a CM/GC alternative project delivery agreement for Pure Water Southern California's (PWSC) Direct Potable Reuse Testing Facility

Details and Background

Background

Historically, Metropolitan's most prevalent approach to delivering projects within the Capital Investment Plan is the DBB model. Under DBB, Metropolitan designs a project (either with in-house staff, or with consultants, or a combination of resources), solicits competitive bids, and awards a construction contract to the lowest responsive and responsible bidder. This traditional process has been used successfully for decades at Metropolitan to deliver virtually all of its infrastructure projects. While DBB is well understood, staff recognizes that time-sensitive, risk-

oriented, or specialized construction projects can benefit from an alternative project delivery approach. Alternative delivery approaches have the opportunity to enhance innovation and engender better collaboration with the contractor. Examples of such projects at Metropolitan include Sepulveda Feeder Pump Stations, Lake Mathews Pressure Control Structure and Electrical Upgrades, Pure Water Southern California, and Mills Plant Control System Upgrade.

As provided in recent state legislation, Metropolitan is permitted to use alternative project delivery methods, including PDB, CM/GC, and DB. Using these methods, Metropolitan solicits and selects a firm using a qualification-based selection process. A summary of the different alternative project delivery methods is outlined below.

- **Progressive Design-Build** – The PDB method facilitates a collaborative relationship between Metropolitan and the design-build entity (DBE). Under this approach, Metropolitan selects a DBE based on qualifications through an RFQ process and enter into a PDB contract that prices design work with a not-to-exceed design-phase contract amount. Metropolitan collaborates with the DBE to develop a project scope, budget, and schedule that meets Metropolitan’s requirements. Once the DBE has sufficiently advanced project design, it must propose a guaranteed maximum price (GMP) for construction. Metropolitan typically negotiates with the DBE on the GMP. Once the parties agree to a GMP, they will, with the Board’s approval, amend the PDB contract to include the construction cost. The DBE will then complete the remaining design and construction activities. The DBE will not be paid for costs in excess of the GMP, absent an agreement to share these proceeds. If the parties cannot agree on a GMP, Metropolitan may require the DBE to finish the design work so that Metropolitan can bid the work using DBB; award a contract to another DBE to finish design and construction; or complete some or all of the remaining work with its own forces.
- **Construction Manager/General Contractor** – The CM/GC method differs from PDB in that the CM/GC firm provides project construction activities but not design. Metropolitan will lead the project design, either using its own staff or contracting with a consultant. The CM/GC contractor provides design advice through constructability inputs and reviews, value engineering, construction cost estimates, and other construction-related recommendations as design progresses. CM/GC also enables a general contractor (GC) to expedite project delivery by allowing the GC to serve as a construction manager and perform preconstruction activities, such as early procurement of equipment and materials before the construction phase commences. Selection of the CM/GC for contract award is also qualifications-based through an RFQ process. Once preconstruction activities are completed and Metropolitan opts to proceed with the project, Metropolitan will negotiate a GMP or fixed price for construction activities. If the parties cannot agree to a GMP or fixed-price contract, Metropolitan will either bid out the construction work as DBB or perform the work with its own forces.
- **Design-Build** – The DB method is distinct from PDB and CM/GC in that the selection process results in a contract with a fixed price for design, preconstruction, and construction services. In the simplest terms, it merges the design and construction components of a project, which are typically performed by unrelated entities under separate contracts. The DB method allows for very little collaboration, and often the DBE undertakes design and construction with limited input from the owner. Fixed-price DB is usually targeted for projects with basic, standardized requirements in a low-risk setting with minimal constraints. The procurement process involves Metropolitan’s release of project-related information sufficient to enable a DBE to respond to both an RFQ, which results in a shortlist of prequalified DBEs, and a Request For Proposal, which results in a fixed-price contract award. Metropolitan may select a DBE based on either low bid or best value.

Legislative Authority

Three legislative authorities codified under the California Public Contract Code (PCC) currently govern Metropolitan’s use of alternative project delivery methods:

1. **PCC Chapter 1.5, Article 121.1 – Metropolitan Water District of Southern California-Alternative Project Delivery Program (AB 1845)**: Authorizes PDB, CM/GC, or DB for regional recycled water projects or other water infrastructure projects to address water supply shortages attributable to drought or climate

change. The statute is effective January 1, 2023, through January 1, 2028, for up to 15 total combined projects. Projects do not need to be completed within the statutory timeframe, and Metropolitan may continue using the delivery method provided that the PDB, CM/GC, or DB agreement is executed before the sunset date.

2. PCC Chapter 4.1 – Local Agency Progressive Design-Build Contracting (SB 991): Authorizes PDB for local agencies for projects exceeding \$5 million involving production, storage, supply, treatment, or distribution of water from any source. The statute is effective January 1, 2023, through January 1, 2029, for up to 15 projects. Projects do not need to be completed within the timeframe, and Metropolitan may continue using this delivery method, provided the PDB agreement is executed before the sunset date.
3. PCC Chapter 4.7 – Local Agency Design-Build Contracting (SB 706): Authorizes PDB for any projects exceeding \$5 million, excluding state-owned or state-operated facilities. The statute is effective from January 1, 2024, through January 1, 2030, for up to 10 projects.

Staff will investigate extending the sunset dates for alternative project delivery methods through future legislative efforts.

Existing Alternative Project Delivery Efforts to Date

Sepulveda Feeder Pump Stations (PDB)

As a result of the historically low State Water Project (SWP) water supplies during the 2020-2022 drought, SWP-dependent service area agencies were under mandatory conservation due to the inability to access available Colorado River Aqueduct and Diamond Valley Lake supplies. This project will construct two pump stations to reverse flows in the Sepulveda Feeder and deliver 30 cubic feet per second (cfs) of alternative supply from the Common Pool area to provide access to available supplies, with provisions for future expansion to 160 cfs.

PDB was selected as the delivery model, authorized under AB 1845, to enable early contractor involvement and collaborative design development. The DBE of J.F. Shea Construction Inc./Tetra Tech was selected in September 2023 under a qualifications-based RFQ process, which authorized Phase 1 design activities. Board-authorized amendments in 2024 enabled the procurement of additional long-lead equipment to expedite the project schedule. GMP No. 1 was authorized in July 2025 for completion of design at both sites, full construction at the Venice site pump station, and demolition work at the Sepulveda Canyon site.

Metropolitan is currently in final negotiations with the selected DBE and plans to return to the Board in August 2026 to recommend approval of GMP No. 2, covering slope remediation and construction at the Sepulveda site pump station. The total program cost for the Sepulveda Feeder Pump Stations is estimated at \$250–\$300 million. Carollo Engineers Inc., acting as the owner’s advisor, and Parametrix Inc., acting as Metropolitan’s independent cost estimator, are supporting the project. The project is expected to be completed by mid-2030.

Lake Mathews Pressure Control Structure and Electrical Upgrades (PDB)

The Lake Mathews facility, constructed in the 1930s, houses aging pressure-control infrastructure, including 10 32-inch Howell-Bunger valves, five 54-inch butterfly valves, and four outlet tower slide gates, all of which exhibit deterioration, including cracked concrete, corroded steel reinforcement, and degraded valves. The electrical distribution system, expanded in the 1960s, is similarly at capacity and requires replacement. Because the facility operates continuously with limited ability to schedule lengthy shutdowns, conventional rehabilitation approaches are not feasible.

The project will construct a new pressure control structure (PCS) alongside the existing forebay, allowing maintenance shutdowns and eliminating a single point of failure at this critical node. The new PCS and facility-wide electrical upgrades have been combined into a single contract to avoid conflicts between separate contractors, leverage early procurement advantages, and expedite the overall schedule. Planned work includes large-diameter control and isolation valves, a new building with mechanical and electrical systems, a bypass pipeline requiring tunneling and open-cut tie-ins, replacement of electrical distribution lines, and new/upgraded unit power centers.

PDB was selected as the delivery model for this project, authorized under SB 991, to enable early contractor involvement and collaborative design development. Metropolitan is currently in negotiations with the selected DBE and plans to return to the Board in August 2026 to recommend approval of Phase 1 design activities. The total program cost is estimated at \$300–\$350 million. Carollo Engineers Inc., acting as the owner’s advisor, and Parametrix Inc., acting as Metropolitan’s independent cost estimator, are supporting the project. The project is expected to be completed by 2033.

Pure Water Southern California (PDB and CM/GC)

At full buildout, PWSC would purify up to 150 million gallons per day (mgd). Implementation of PWSC would provide regional benefits by: (1) reducing reliance on imported water; (2) diversifying locally available supplies; (3) improving resilience to climate change and other water supply stressors; and (4) enhancing operational reliability and flexibility.

PWSC comprises several distinct projects, including the Advanced Water Purification Facility in Carson, 39 miles of backbone conveyance pipeline (divided into multiple reaches), several pump stations, various direct potable reuse treatment and conveyance facilities, and groundwater recharge facilities. While some of these projects, such as cut-and-cover pipeline reaches, may still be best suited for traditional DBB delivery, complex projects like the Advanced Water Purification Facility and Reaches 1 and 2 are well suited for PDB or CM/GC delivery under AB 1845. Pending the CAMP4W evaluation process and subsequent board decisions on program implementation, staff plan to release several qualifications-based solicitations for PDB and CM/GC firms. The tentative solicitation schedules for near-term PWSC work activities are listed below, with dates for the second and third bullets below being tied to Board deliberations of the PWSC project through the CAMP4W process:

- Release of Direct Potable Reuse Testing Facility CM/GC solicitation – summer 2026
- Release of the Advanced Water Purification Facility PDB solicitation – late 2026
- Release of Conveyance Reaches 1 and 2 CM/GC solicitations – late 2026

Mills Plant Control System Upgrade (PDB)


Metropolitan’s control system is used to operate, monitor, and collect critical information from Metropolitan facilities throughout Southern California. The existing system is nearing the end of its service life and needs to be upgraded to enhance the reliability and operating efficiency of Metropolitan’s core facilities. A comprehensive upgrade of the entire control system is needed to maintain reliable water deliveries over the long term. Replacement of the control system at the Henry J. Mills Water Treatment Plant is the first step in a planned upgrade of Metropolitan’s entire control system spanning the Colorado River Aqueduct, the five water treatment plants, and the entire conveyance and distribution system.

The planned work includes replacing computer servers, distributed field computers, input/output devices, software, and communication equipment at the Mills plant and Metropolitan’s chemical unloading facility. The control system upgrades will adopt industry-standard technology, programming, and modern architecture.

PDB was selected as the delivery model, authorized under SB 991, to enable collaborative design development, early contractor involvement, and procurement of specialized equipment by a DBE with established vendor relationships. Metropolitan is currently developing an RFQ and plans to return to the Board in early 2027 to recommend approval of Phase 1 design activities. The total cost for the Mills Plant Control System Upgrade is estimated at \$30–\$35 million. The project is expected to be completed by 2029.

Summary

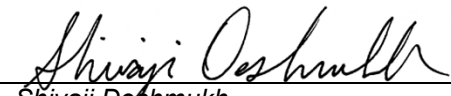
Alternative project delivery is proving to be a valuable tool for Metropolitan in delivering time-sensitive, risk-oriented, and complex projects such as those described above. Since the PDB implementation in 2023, the Sepulveda Feeder Pump Stations project has benefited from better collaboration and cost control/forecasting with Metropolitan and the DBE. The attributing factors include opportunities to lock in prices and delivery schedules for critical long-lead equipment, financial flexibility during the design and construction process through open-book accounting, risk-based allowances, and contingencies negotiated between the parties, and the ability to modify the work scope to address unforeseen conditions.



Mai M. Hattar
Chief Engineer
Engineering Services

6/22/2026

Date



Shivaji Deshmukh
General Manager

6/22/2026

Date

Ref# es12708124



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Board Report

Engineering Services Group

• **Engineering Services Group Monthly Activities Report – June 2026**

This monthly report provides highlights and a summary of Engineering Services Group activities for June 2026 in the following key areas:

- Colorado River Aqueduct Program
- Dams & Reservoirs Program
- Distribution System Program
- Additional Facilities and Systems Program
- Prestressed Concrete Cylinder Pipe Program
- Water Treatment Plants Program
- Pure Water Southern California
- Drought Mitigation – State Water Project Dependent Areas

Purpose

Informational

Attachments

Detailed Report – Engineering Services Group’s Monthly Activities for June 2026

Engineering Services' Monthly Activities for June 2026

Highlights

In the month of June, Engineering Services completed the following major actions in support of the General Manager's business plan for Fiscal Year 2025/2026:

Goal: Complete Follow Through on Business Model Refinement Recommendations

Outcome: Initiate an Integrated Strategy for Infrastructure Reliability (ISIR)

- ISIR Workshop #5 was held on June 12 to update member agencies on the development of equitable supply reliability projects, demonstrate the effectiveness of the projects through scenario runs and reliability analysis, report the progress of two system-wide studies, and preview the coming board information item on the development of the Strategic Infrastructure Resilience Plan.
- Staff reported at ISIR Workshop #5 that five member agencies have been interviewed to facilitate the process of identifying potential improvements to system flexibility.

Goal: Execute CAMP4W Implementation Strategy to Integrate Climate Adaptation District-Wide

Outcome: Identify climate adaptation strategies

- Staff presented the latest status of the drought mitigation projects at the ISIR Workshop #5. A scenario run and a reliability analysis were also provided to demonstrate that balancing available supplies with system capacity would yield the most effective investments. The results will inform the upcoming CAMP4W evaluation.
- At ISIR Workshop #5, staff identified the sites that will continue to be evaluated in the next phase of the surface reservoir study. The list includes both conventional canyon sites and quarry sites. The information will facilitate the CAMP4W evaluation of a reservoir south of the Delta.
- Staff presented the preferred alignments for a raw-water pipeline to enhance regional conveyance and an updated cost estimate at ISIR Workshop #5 to receive feedback from member agencies. The information will be submitted for an upcoming CAMP4W evaluation.

In support of the General Manager's Business Plan goal of providing organizational stability and delivering operational excellence, Engineering Services manages and executes projects within the

adopted CIP to maintain infrastructure resilience, ensure regulatory compliance, enhance sustainability, and provide flexibility in system operations to address uncertain water supply conditions. In addition, Engineering Services provides technical services to enhance reliable system operation and real property planning, valuation, acquisition, and disposition services to protect Metropolitan's assets. Engineering Services empowers our staff and partners with our business partners and the communities we serve to accomplish Metropolitan's mission.

Recent key activities on CIP programs and other key engineering functions are described below.



Protect public health, the regional economy, and Metropolitan's assets

Colorado River Aqueduct (CRA) Program

The CRA program includes CIP projects to replace or refurbish facilities and components of the CRA system to convey water from the Colorado River to Southern California reliably.

- **CRA Storage Buildings** — This project furnishes and installs pre-engineered storage buildings at Hinds, Eagle Mountain, and Iron Mountain pumping plants and constructs associated site improvements. The contractor is completing punch-list items at all three pumping plants. Construction is 99 percent complete and is scheduled to be completed by June 2026.
- **CRA Motor Protection Relay Panels Replacement** — This project replaces the existing motor protection relays that protect the main pump motors at the CRA pumping plants. District forces completed construction of the Intake Unit 6 motor protection relay panel in June 2026.
- **CRA Eagle and Hinds Utilities** — This project will replace the existing potable water, non-potable water, and sewer lines at the Eagle Mountain and Hinds pumping plants. The contractor is excavating and installing accessways and sewer lines in the villages, and potable water lines in the vicinity of the pumphouse buildings at both pumping plants. Construction is seven percent complete and is scheduled to be completed by October 2027.
- **Brushless Motor Exciter** — This pilot project will replace the existing main pump motor exciter at the Gene Pumping Plant with a new brushless motor exciter. The installation by Metropolitan forces is complete. The exciter is undergoing testing and commissioning and is scheduled to be completed by July 2026.
- **CRA Pump Plant Sumps Rehabilitation** — This project rehabilitates the sump and circulating water systems at all five CRA pumping plants. The scope of work also includes replacement of structural support systems, piping, valves, motors, and electrical equipment. Final design is complete. A board action to award a construction contract is planned for fall 2026.



**CRA Eagle and Hinds Utilities
Hinds Crew using a Walk-behind Roller Compactor to Consolidate Material**

Dams & Reservoirs Program

The Dams & Reservoirs Program includes CIP projects to upgrade or refurbish Metropolitan's dams, reservoirs, and appurtenant facilities to reliably meet water storage needs and regulatory compliance.

- **Garvey Reservoir Rehabilitation** — This project will replace the aging reservoir floating cover and liner; strengthen the structure of the reservoir outlet tower to reduce the risk of damage following a major seismic event; and upgrade the reservoir's rainwater collection, pumping, and subdrain systems. The contractor demolished the existing 51-inch diameter circulating waterline and began deformation monitoring of the Outlet Tower. Construction is 10 percent complete and is scheduled to be completed by September 2028.
- **Lake Skinner Tower Valve Procurement** — This project will procure two valves for the Lake Skinner Outlet Tower, which no longer operate properly. These valves are used if dewatering the reservoir is needed. Fabrication of the replacement valves is 92 percent complete, and they are scheduled for delivery in July 2026. The valves are anticipated to be installed by spring 2027.

- **Lake Mathews Pressure Control Structure (PCS) and Electrical System Upgrades** — This project will replace the aging Lake Mathews discharge facility and electrical system. It includes the construction of a new PCS with a bypass pipeline alongside the existing forebay, a new chlorination facility, and electrical system upgrades to accommodate future power needs. The project utilizes a progressive design-build project delivery method. Negotiations with the selected design-build entity are ongoing. A board action to authorize the Phase 1 agreement is planned for August 2026. The project is anticipated to be complete by 2033.



**Garvey Reservoir Rehabilitation
Completed Demo and Peel Back on Reservoir Floor, Facing North**



**Lake Skinner Tower Valve Procurement
Performance Testing of 42-Inch Butterfly Valves**

Distribution System Program

The Distribution System Program includes CIP projects to replace, upgrade, or refurbish existing facilities within Metropolitan's distribution system—including PCSs, hydroelectric power plants, and pipelines—to reliably meet water demands.

- **Auld Valley and Red Mountain Control PCS Valve Replacement** — This project will rehabilitate one 42-inch sleeve valve and procure one 42-inch sleeve valve for the Red Mountain PCS. It will also rehabilitate two 42-inch sleeve valves for the Auld Valley PCS. The rehabilitation of one valve at the Auld Valley PCS has already been completed, and the second one is currently being rehabilitated by Metropolitan forces, to be completed in the fall of 2026. Metropolitan is currently reviewing submittals from the vendor, and the engineering team inspected the fabrication of the new 42-inch sleeve valve for Red Mountain, which is planned to be installed in the fall of 2026.
- **Hollywood Tunnel Valve Replacement** — This project will replace two 24-inch sleeve valves operated by electric actuators for pressure control and two 24-inch bonneted knife gate valves for flow isolation at the Hollywood Tunnel North Portal along the Santa Monica Feeder. The Board awarded the valve procurement contract in March 2025. The valves are in fabrication, and delivery is expected in summer 2026. The Board awarded the construction contract in June 2026.
- **Service Connection B-01 Rehabilitation** — This project will replace the venturi flowmeter, one 18-inch-diameter conical plug valve, and one 18-inch-diameter check valve at the B-01 service connection that serves treated water from the Weymouth Water Treatment Plant to the city of Burbank. A board action for the award of a procurement contract for a conical plug valve is scheduled for September 2026. Final design is 30 percent complete and is expected to be complete by June 2027.
- **Skinner Bypass Channel Improvements** — This project will replace three existing cast-iron slide gates at the East Lake Skinner Bypass (ELSB) inlet channel and rehabilitate a portion of the West Lake Skinner Bypass (WLSB) inlet channel. The existing gates at the ELSB are heavily corroded and bind during lifting operations. The existing gates will be replaced with three stainless steel gate assemblies and new actuators. The new gates and actuators have been procured and are being stored onsite at the Skinner Plant. At the WLSB, existing concrete foundations for a screening structure that is no longer in use will be removed, and the channel liner will be rehabilitated. Final design for the contract package is ongoing and is expected to be completed in June 2026.

Additional Facilities and Systems Program

The Additional Facilities and Systems Program includes CIP projects to refurbish, replace, upgrade, or provide new facilities and systems that support Metropolitan's business and district-wide operations.

- **La Verne Shops Improvements** — This project will improve the La Verne Shops building and install Metropolitan-furnished shop equipment. Construction for the project was completed in May 2026.
- **Colorado River Aqueduct (CRA) Manufactured Homes** — This project will procure and install up to 21 manufactured homes at four CRA pumping plants to support the onboarding of new desert staff: Gene, Iron Mountain, Eagle Mountain and Julian Hinds. A procurement contract for up to 21 manufactured houses will be brought to the Board for consideration/approval in August 2026.

Prestressed Concrete Cylinder Pipe (PCCP) Program

The PCCP Program includes CIP projects to refurbish or upgrade Metropolitan's PCCP feeders to maintain water deliveries without unplanned shutdowns.

- **Sepulveda Feeder PCCP Rehabilitation Reach 2** — This project installs steel lining along 3.8 miles of PCCP in the cities of Torrance and Los Angeles. The Board awarded a construction contract in January 2026. The contractor has started fabrication of the 81-inch steel liner, acquisition of permits, setting up the construction trailer, and potholing. Construction is five percent complete, and completion is expected by mid-2027.
- **Electromagnetic Inspections** — Regular inspections of the PCCP feeders are a critical step in evaluating the condition of each pipeline and assist staff in prioritizing the relining work on each feeder. This project conducts the fifth cycle of electromagnetic and visual inspections of Metropolitan's approximately 146.4 miles of PCCP pipelines. All planned PCCP electromagnetic inspections for the 2025–2026 shutdown season have been completed. A total of nearly 18 miles of PCCP were inspected this season. In July, the Board will consider an amendment to an existing PCCP inspection agreement so that the fifth cycle of inspections can be completed.

Water Treatment Plants Program

The Water Treatment Plants Program includes CIP projects to replace or refurbish facilities and components at Metropolitan's five water treatment plants to continue to reliably meet treated-water demands.

- **Weymouth Administration Building Upgrades** — This project upgrades the Weymouth Administration Building to withstand a significant earthquake. The planned upgrades include structural strengthening consistent with current seismic standards for essential facilities, accessibility, and fire/life safety improvements, architectural modifications near the areas of structural upgrades, and improvements associated with the preservation of historic architectural features. The Notice to Proceed was issued, and the pre-construction meeting was held in June 2026.
- **Diemer Chemical Feed Facility Improvements** — This project rehabilitates the Diemer plant's chemical feed facility to maintain operational reliability, meet Metropolitan's current chemical safety standards, and enhance worker safety. The contractor is continuing the form and foundation work in preparation for concrete placement for the multipurpose feed facility. Construction is 25 percent complete and is scheduled to be completed by October 2027.
- **Water Quality Lab Building Upgrades** — This project upgrades the Michael J. McGuire Water Quality Laboratory in La Verne to increase its seismic resiliency and to efficiently address new and evolving water quality issues and regulations. Planned improvements include strengthening the existing structure to meet current seismic criteria for essential facilities; expanding and improving the building's layout; replacing specialized laboratory equipment; and implementing technology upgrades to support current and future water quality regulations. Final design is approximately 25 percent complete and is scheduled to be completed in the spring of 2028.
- **Mills Finished Water Reservoir Rehabilitation** — This project will replace the aging floating covers and liners at the Mills plant's finished water reservoirs; upgrade the rain removal system, piping, and valving to enhance reservoir operational flexibility and mixing improvements; refurbish the reservoir slide gates; and install a new drop gate. Final design is approximately 45 percent complete and is scheduled to be completed in the spring of 2027.

- **Jensen Mechanical Dewatering Facility** —This project will construct a new mechanical dewatering facility at the Jensen Plant, including associated solids conveyance piping, chemical feed, and electrical and control systems, to improve the plant’s residual solids processing and address the plant’s long-term solids handling needs. Final design is approximately 18 percent complete and is scheduled to be completed in the spring of 2027.



Adapt to changing climate and water resources

Pure Water Southern California

Pure Water Southern California (Pure Water) is a large regional recycled water program that will provide a new local source of safe and reliable drinking water for Southern California. Pure Water currently focuses on five areas: program management, environmental planning, advanced water purification facility (AWPF) planning, demonstration testing, and preliminary design of initial pipeline reaches. Pure Water will produce up to 150 million gallons per day of purified water from the AWPF in Carson for indirect potable reuse (IPR) and direct potable reuse (DPR) applications.

- **Program Management** — Program management activities include project controls, scheduling, budget development, risk management, coordination with program partners and stakeholders, grants and funding, and preparation of various plans and studies. The Pure Water program management team was engaged in the following activities during this reporting period:
 - Continued coordination and grant reporting efforts with the United States Bureau of Reclamation (USBR) for the \$125,472,855 Large-Scale Water Recycling Program grant and the \$5 million WaterSmart Title XVI Planning Grant. Metropolitan has received a total of approximately \$28.7 million to date. Staff are working with USBR to amend the grant agreement to realign project scope and extend the period of performance.
 - The \$80 million state grant is also used to support the current phase of program work; approximately \$58.5 million is spent as of end of March.
 - Continued to coordinate with the CAMP4W assessments.
- **Environmental Planning** — In February 2026, Metropolitan’s Board certified the program’s final EIR and approved PWSC for CEQA purposes. Staff plan to prepare a NEPA document to address the realigned project scope to be funded by USBR’s Large-Scale Water Recycling Program grant.
- **Advanced Water Purification Facility** — The AWPF will purify treated wastewater from the Los Angeles Sanitation District’s (Sanitation Districts’) A.K. Warren Water Resource Facility using membrane bioreactors (MBR), reverse osmosis, and ultraviolet/advanced oxidation. With its expertise in biological wastewater treatment, the Sanitation Districts will be responsible for implementing the AWPF pretreatment, including the MBR facilities. A final draft of the Conceptual Facilities Report has been prepared. This document records key assumptions of AWPF components and will be used to prepare RFQs for progressive design-build contracts. The RFQ package is planned to be ready this summer.

- **Demonstration Testing** — Staff continued testing the IPR processes and planning for expansion for DPR testing. Market-sounding interviews were conducted with contractors to gauge industry interest in an alternative delivery approach, such as a Construction Manager/General Contractor (CM/GC), to procure and install the DPR testing equipment and construct the necessary facilities. DPR testing equipment will include membrane filtration, reverse osmosis, UV/AOP, ozone with granular and biological activated carbon, a lime stabilization system, and a carbon dioxide system. An advertisement for a CM/GC contract is anticipated this summer. Construction and installation are anticipated to commence in 2028. Information from this DPR testing will allow Metropolitan to assess both treated-water and raw-water augmentation alternatives.
- **Conveyance System** — The PWSC Conveyance Facilities Conceptual Design Report for the entire conveyance system has been completed and is available on Metropolitan's public website: <https://www.mwdh2o.com/building-local-supplies/pure-water-southern-california/technical-resources/>. In addition, preliminary designs of Reaches 1 and 2 through the cities of Carson, Long Beach, and Lakewood are underway. Preparation of bid documents for one or more CM/GC firms for the first two reaches is also underway. Staff would be ready to advertise these packages after the CAMP4W assessments have been completed, and if the Board decides to proceed with the design of the initial stage of PWSC.

In addition, staff recently authored a technical paper and presented at the North American Tunneling Conference in Anaheim on June 17, which was also published in the June issue of the Tunneling and Underground Construction magazine: <https://tucmagazine.org/>.

Drought Mitigation — State Water Project Dependent Areas

The Drought Mitigation—State Water Project Dependent Areas Program includes CIP projects to replace, refurbish, upgrade, or construct new facilities, which are identified to mitigate the vulnerability experienced by specific member agencies that are affected during shortages of State Water Project supplies.

- **San Bernardino Valley Municipal Water District Pump Stations** — This project will connect Metropolitan's Inland Feeder to San Bernardino Valley Municipal Water District's Foothill Pump Station. The project is one of four Rialto Pipeline service area supply reliability improvement projects. Foothill Pump Station will provide the hydraulic lift needed for direct water delivery from Diamond Valley Lake to the Rialto Pipeline. The project will install supply and discharge bypass pipelines, isolation valves and their vault, and a surge protection system. Design and permitting of the project is 95 percent complete, and board award of a contract is planned for November 2026.
- **Sepulveda Feeder Pump Stations** — This project installs new pump stations at the existing Venice and Sepulveda Canyon pressure control facilities, providing the ability to reverse flow in the Sepulveda Feeder and deliver 30 cubic feet per second from the Central Pool to portions of the western State Water Project exclusive area. This project utilizes the progressive design-build project delivery method. Construction of the Venice Pump Station is approximately 24 percent complete. The contractor has completed excavations for the Venice supply piping and has begun demolition of the large tank at the Sepulveda PCS. Negotiations for the guaranteed maximum price for Sepulveda Canyon Pump Station work are currently ongoing, and a final negotiated value is anticipated by July 2026, with board authorization of Phase 2B planned for August 2026.



**Sepulveda Feeder Pump Stations
Contractor, J.F. Shea Placing the Suction Pipeline**