October 21, 2019

Attention: Water Planning and Environmental Committee

Claude “Bud” Lewis Carlsbad Desalination Plant Water Purchase Agreement Contract Administration Memorandum Regarding Second Phase of Intake and Discharge System Modifications (Action)

Staff recommendation
Authorize the General Manager to execute a Water Purchase Agreement Contract Administration Memorandum (CAM) between the Water Authority and Poseidon Resources (Channelside) LP for the Second Phase of Intake and Discharge System Modifications at the Lewis Carlsbad Desalination Plant.

Alternative
Do not authorize the General Manager to execute the Water Purchase Agreement CAM and direct staff to work with Poseidon on revising the terms.

Fiscal Impact
In accordance with the terms of the Water Purchase Agreement, authorization of this CAM will replace the unit price adjustment established for the Temporary Standalone Operating Period ($135/acre-foot) with a unit price adjustment of $94/acre-foot during the Interim Operations Period. This results in a $41 decrease in the unit price for desalinated water as compared to the total cost for desalinated water accounted for in the calendar year (CY) 2020 rates and charges.

Executive Summary

- The transition to new intake and discharge facilities is being implemented through three phases to allow for continual operation of the Lewis Carlsbad Desalination Plant under a revised NPDES permit. A CAM for the first phase of standalone operations was authorized in April 2019.
- The second phase is designated the “Interim Operations Period” and utilizes new dilution pumps in lieu of the pumps associated with Encina Power Station’s once-through cooling system.
- The CAM for interim operations includes risk transfer to the private sector, similar to the risk transfer provisions in the Water Purchase Agreement.
- The current Temporary Standalone Operations Period unit price adjustment of $135/AF will be replaced with the new Interim Operations Period unit price adjustment of $94/AF, a reduction in cost of $41/AF.
- Interim operations will begin after successful testing of the fish-friendly dilution pumps (anticipated by June 2020) and will conclude once the new intake screens in Aqua Hedionda Lagoon are constructed by Poseidon (anticipated December 2023).
Background
The Claude “Bud” Lewis Carlsbad Desalination Plant (CDP) started commercial operations on December 23, 2015. The project is a result of a long-term Water Purchase Agreement (WPA) executed between the Water Authority and Poseidon that was approved by the Water Authority Board on November 29, 2012. This agreement is the basis for the financing, construction and now the operation of the CDP. Under the WPA, the Water Authority agreed to purchase the output of the plant – a minimum of 48,000 acre-feet and up to 56,000 acre-feet of product water from the CDP annually. The Water Authority’s water purchase payments compensate Poseidon for the fixed and variable costs of the CDP including debt service and equity return payments, as well as fixed and variable plant costs for electricity and operations and maintenance (O&M).

The intake facilities for the CDP are currently configured to draw the Plant’s seawater supply from the Encina Power Station (EPS) once-through cooling water system as shown in Figure 1.

In order to comply with the State Water Resources Control Board’s Once-Through Cooling Policy, adopted in 2010, that phases out once-through cooling for power plants, electricity generation operations at the EPS were shut down on December 12, 2018. For the near-term, Poseidon reached agreement with NRG Energy (NRG), the owner of the EPS, to temporarily extend the operation of just the cooling water circulation pumps solely to support desalination plant operations (See Intake Phasing section below). NRG’s current agreement with the City of Carlsbad (Settlement Agreement) requires complete demolition of the EPS, including the cooling water circulation pumps, by December 2021.

For the long-term, the shutdown of the EPS and its cooling water system requires the construction of new CDP intake and discharge facilities to allow a transition to a “stand-alone” operation of the desalination plant (Closure Improvements). In addition to addressing closure of the EPS, the new facilities are required to comply with the statewide Ocean Plan Amendment that covers desalination facility intakes and discharges (OPA Improvements), adopted by the State Water Resources Control Board in May 2015. Together, the Closure Improvements and OPA Improvements make up the new CDP intake and discharge facilities (Modifications).

The transition to stand-alone operations, including the construction of new intake facilities, was contemplated and is addressed in the WPA. The WPA obligates the Water Authority to pay, through adjustments to the unit price, for Poseidon’s incremental capital and operating costs associated with stand-alone operations, including the improvements resulting from the power plant closure and compliance with the OPA. Capital and operating costs eligible for pass-through to the Water Authority related to closure of the power plant (considered a Change in Law under the WPA), are capped in the WPA at index-linked amounts. Costs related to compliance with the OPA are also considered Change in Law under the WPA, but are not subject to the same caps as closure-related costs. However, the WPA protects the Water Authority by imposing a cap limiting increases due to changes in law (among other provisions) in the water unit price to 10 percent in any year and a total of 30 percent on an aggregate basis. These Change in Law costs fall under the general category of Uncontrollable Circumstances (U.C.) addressed in the WPA.
Poseidon secured a new NPDES permit for the project from the San Diego Regional Water Quality Control Board (Regional Water Board) on May 8, 2019 that covers operation under the current use of NRG’s cooling water circulation pumps and the proposed Modifications.

**Figure 1. Current Intake and Discharge Flow Schematic**

Previous Board Action: The Water Authority Board approved the Water Purchase Agreement on November 29, 2012.

Previous Board Presentation: On March 24, 2016, The Engineering and Operations Committee received a presentation on the Claude “Bud” Lewis Carlsbad Desalination Plant Intake System Modifications.

Previous Board Action: On August 17, 2016, the Board approved a Contract Administration Memorandum (CAM) Regarding the Proposed Intake and Discharge System Modifications for the Claude “Bud” Lewis Carlsbad Desalination Plant Water Purchase Agreement.

Previous Board Action: On August 17, 2016, the Board approved a supplemental EIR for the new intake structure.

Previous Board Action: On December 6, 2018, the Board authorized the General Manager to approve Contract Amendments for Hawkins Delafield & Wood LLP, Clean Energy Capital Securities and Louis Berger Group associated with the Lewis Carlsbad Desalination Plant Intake Modifications Project.

Previous Board Action: On April 25, 2019, the Board authorized the General Manager to execute a Water Purchase Agreement Contract Administration Memorandum (CAM) between the Water Authority and Poseidon Resources (Channelside) LP to support Temporary Stand-Alone Operations of the intake and discharge facilities at the Lewis Carlsbad Desalination Plant (CDP).
Discussion

Intake Phasing

As discussed above, NRG ceased energy production at the EPS effective December 12, 2018. In consultation with the Water Authority, the Regional Water Board and NRG, Poseidon is implementing a phased implementation of the Modifications that will allow the CDP to remain in service. The three phases are as follows:

1. Temporary Standalone Operating Period (current) – Poseidon reached agreement with NRG to allow for the operation of the cooling water circulation pumps by NRG staff to be extended while an interim intake/discharge system is constructed. On June 13, 2019, the Water Authority executed a CAM compensating Poseidon for this temporary phase of operation as authorized by the Board on April 25, 2019.

2. Interim Operating Period (IOP) – Expected to begin in mid-2020, this phase generally includes a new fish-friendly dilution pump system and modifications to the existing intake and discharge channels (Interim Modifications) to keep the plant in operation during and after demolition of the NRG facilities. Pilot studies to confirm the efficacy and operational characteristics of the submerged intake screens will also be conducted and the new, permanent screened-intake system will be designed and constructed on the floor of the Agua Hedionda Lagoon during this operational period. See Figure 2.

3. Permanent Operating Period – Building upon the pumps and facilities installed for the Interim Operating Period, the new screened-intake system is expected to be connected and commissioned in late 2023, achieving full compliance with the OPA and the new NPDES permit.

Figure 2. Interim Intake and Discharge Flow Schematic
The new NPDES permit includes a compliance schedule that requires that the Interim Modifications be completed by June 30, 2020 and that all Intake Modifications, including the new screened-intake system be completed by December 11, 2023. The permit also requires Poseidon to conduct an analysis to validate that the marine life mortality resulting from the proposed discharge methodology of flow augmentation (diluting brine with seawater) is less than that of a theoretical multiport diffuser impact. The multiport diffuser analysis must be completed by July 1, 2021 and should the results show that flow augmentation does not provide comparable marine life protections as compared to a multiport diffuser, Poseidon will be required to work with the Regional Water Board on a new Water Code determination.

The remainder of this memorandum will focus on the IOP, the subject of the requested action.

Interim Modifications Contracting and Financing

The Interim Modifications allow for the transition from the EPS cooling water circulation pumps to new fish-friendly permit-compliant dilution pumps and for NRG to initiate demolition activities in accordance with the Settlement Agreement. These improvements include the following:

- New fish-friendly brine dilution pumps and discharge piping;
- Intake structure modifications to provide a wet well for new dilution pumps;
- Extension of the existing 63-inch brine discharge pipeline;
- Modifications to the existing EPS forebay including replacement of existing traveling screen wash pumps and discharge piping;
- A new electrical building including switchgear, VFDs and control system, and;
- Connection to existing 12 kV service located at the Plant and modifications to Cabrillo Generating Facility storm water and seepage water management system

On August 7, 2019, Poseidon executed a design-build contract with Kiewit-Shea, a Joint Venture (KSJV) to design and construct the Interim Modifications. KSJV is the same team that designed and constructed the CDP as well as the product water pipeline that connects the plant to the Second Aqueduct. Poseidon also pre-procured the fish-friendly dilution pumps and associated steel piping under a separate contract with Indar, the manufacturer, as a measure to preserve schedule and reduce costs.

To finance these contracts and the ancillary costs necessary to implement the Interim Modifications, Poseidon intends to execute a Bank Loan Agreement concurrently with the CAM. The WPA provision to pursue a financing structure similar to the original plant financing is being waived to support a bank loan alternative that is $3 million to $4 million cheaper than a tax-exempt private activity bond financing. The proposed terms of the Bank Loan Agreement are for an amount not to exceed $45 million repayable over a six-year term, interest only in years one through three and with the principal amount amortized in years four through six. To avoid a significant increase in the unit price adjustment beginning in year four, Poseidon and the Water Authority intend to refinance the principal amount of the bank loan along with the initial 2012 Plant Bonds, anticipated on or about January 2023 at which time a separate adjustment to the unit price will be brought to the Board for approval.
The current bond documents that govern the existing and new debt under the Series 2012 Plant Bonds requires evidence that Poseidon meets certain conditions including but not limited to rating confirmations from Moody’s and Fitch in order to incur additional debt for the project. Poseidon and the Water Authority led separate ratings presentations with Moody’s and Fitch on October 8, 2019 and anticipates that both entities will confirm the bond ratings by October 21, 2019. Staff plans to present the results of the rating process at the October 24, 2019 Board meeting.

Interim Operations Period Terms and Structure

Water Authority staff and Poseidon have negotiated the key terms addressing financial and contractual conditions during the IOP. These conditions align with the provisions and intent of the WPA. Key terms and conditions of this IOP CAM are detailed below.

Risk Transfer

In keeping with the provisions of the WPA, a fundamental aspect is the risk transfer to the private sector. Provided that water is produced by Poseidon, the Water Authority will pay a unit price adjustment for each acre-foot produced to compensate Poseidon for the increased cost to implement the Interim Modifications, but only after the Interim Modifications are placed into commercial operation. Similar to the pricing structure developed for the WPA, by paying a fixed adjustment to the unit price, the Water Authority is effectively transferring risk to Poseidon. If the costs to construct or operate the Interim Modifications are higher, that cost is borne by Poseidon, subject only to the U.C. relief provisions provided for in the WPA.

Duration

The IOP shall commence with successful completion of the new intake pump system performance test, currently anticipated to take place in June 2020, and remain in place until the permanent intake screens are installed and commissioned. Terms and conditions for permanent operations will be defined in a future CAM, with that period anticipated to begin in December 2023, consistent with the NPDES permit schedule.

Closure Improvements Cost Cap Consideration

As previously mentioned, the Water Authority’s cost liability related to the closure of the EPS is capped as stated in Section 4.8(B) of the WPA. Adjusting for inflation, the capital cost cap equals $25,027,897 and the annual operating cost cap equals $3,125,552. In a previous CAM, the Water Authority and Poseidon agreed to identify: (i) which elements of the Modifications would have been required to solely account for the closure of the EPS and which elements are required as a result of adoption of the OPA; and (ii) the respective permitting, engineering, procurement, design, construction, operating, and electricity costs of the respective elements, such that all costs are allocated or prorated into one or the other category.

To accomplish this, Poseidon developed a closure configuration concept meeting the Water Authority’s criteria for feasibility and permitability. Cost estimates covering capital
improvements and annual operations and maintenance were developed by both Poseidon and the Water Authority based on the accepted design concept for the Closure Modifications. The independent cost evaluations both concluded that the capital and operating cost cap provisions provided for in the WPA have not been reached.

**Plant Production**

With the exception of regular maintenance-related shutdowns and the limited duration shutdowns that will be required for construction of the Interim Modifications, plant production is not expected to be impacted during the IOP. In addition, the terms of the Settlement Agreement between and among the City of Carlsbad, Carlsbad Municipal Water District, Cabrillo, Carlsbad Energy Center LLC and San Diego Gas & Electric Company currently require NRG to begin demolition by December 2019 and complete physical demolition and removal of the above-ground structures of the Cabrillo Generating Facility by December 2021. Given the schedule for the IOP, NRG and Poseidon are seeking an adjustment to the demolition schedule that will ensure that use of existing facilities during the IOP does not impact NRG’s ability to meet the demolition requirements of the Settlement Agreement. The City of Carlsbad is scheduled to consider this matter at its November 12, 2019 City Council meeting. Once the IOP start date is more clearly defined early next year, the Water Authority and Poseidon may need to discuss with NRG any schedule/cost impacts related to the EPS demolition plan and schedule.

Water production relief will also be modified as part of the IOP conditions. The additional relief conditions that were added during the Temporary Standalone Operating Period (TSOP) to account for the age of the NRG cooling water pumping system will not be carried forward into the IOP. The only relief provided will be up to 110 hours annually during which production and delivery is precluded by a shutdown of the NRG facilities still in use.

**Cost Components**

In accordance with the WPA, the compensation relief provided to Poseidon for the Interim Modifications shall be provided through adjustments to the various charge components of the unit price. Each component is described below along with future dredging costs which are not included in the IOP unit price adjustment.

**Debt Service Charge and Equity Return Charge Adjustments**

The Debt Service Charge and Equity Return Charge adjustments compensate Poseidon for the capital and financing expenses incurred for the implementation of the Interim Modifications and include permitting, design, construction, administrative and financing costs as well as portions of the intake screen demonstration project and other study costs that will be implemented during the IOP. The lump sum loan amount for the Interim Modifications capital improvements is $45,000,000. The component costs are summarized in Table 1 below.
Table 1. Interim Modifications Capital Costs

<table>
<thead>
<tr>
<th>Component</th>
<th>Capital Cost</th>
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</thead>
<tbody>
<tr>
<td>Development and Construction</td>
<td></td>
</tr>
<tr>
<td>KSJV Design-Build Contract</td>
<td>$15,680,000</td>
</tr>
<tr>
<td>Indar Pre-Procurement Contract (pumps and pipe)</td>
<td>$6,227,000</td>
</tr>
<tr>
<td>Permitting¹</td>
<td>$8,328,000</td>
</tr>
<tr>
<td>Preliminary Design</td>
<td>$2,413,000</td>
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<tr>
<td>Administration</td>
<td>$1,162,000</td>
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<tr>
<td>Other</td>
<td>$3,908,000</td>
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<tr>
<td><strong>Sub-Total</strong></td>
<td><strong>$37,718,000</strong></td>
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<tr>
<td>Financing and Allowances</td>
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</tr>
<tr>
<td>Capitalized Interest</td>
<td>$1,027,000</td>
</tr>
<tr>
<td>Transactional Costs</td>
<td>$3,030,000</td>
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<tr>
<td>Construction Risk Allowances</td>
<td>$2,155,000</td>
</tr>
<tr>
<td>Other</td>
<td>$1,070,000</td>
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<tr>
<td><strong>Sub-Total</strong></td>
<td><strong>$7,282,000</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$45,000,000</strong></td>
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¹ Covers Poseidon’s internal and third-party consultant permitting costs from 2014 to 2019 including engagement in the OPA development process and securing a new NPDES permit.

The WPA includes provisions detailing how the capital charge component of the unit price will be adjusted to account for the Interim Modifications. Generally, the actual debt service cost incurred by Poseidon will be passed through as an adjustment to the Debt Service Charge component of the unit price. For the portion of the Interim Modifications attributable to plant closure, the WPA provides a modification to this general provision in that 20 percent of the associated debt shall instead be passed through as an adjustment to the Equity Return Charge component of the unit price, at an assumed interest rate of 15 percent. This Equity Return Charge adjustment was included in the WPA to account for Poseidon’s risks associated with their acceptance of a cap on closure costs eligible for cost recovery.

Similar to the original financing for the CDP and in keeping with the U.C. provisions of the WPA, the total bank loan amount of $45 million includes the following allowances to deal with different elements of U.C. construction risk:

1. **Differing Existing Condition Allowance** – An estimated allowance of $985,000 has been included in the financed amount to account for the potential that the configuration and/or condition of below-ground structures integral to the construction of the Interim Modifications are different from the assumptions (based on record drawings and site inspection) made at the time the project was bid. This allowance, if not utilized, will accrue to the benefit of the Water Authority once the construction project is complete and interim operations is
under way. If the cost exceeds the allowance, the U.C. provisions of the WPA will be used to evaluate any potential additional payment or unit price adjustment and would be brought to the Board for consideration.

2. **Construction Contingency Fixed Allowance** – A fixed construction contingency amount of $675,000 has been included in the loan amount. This contingency provides for construction issues that typically arise during construction. Similar to the contingency that was provided for the construction of the CDP, Poseidon accepts the risk that actual costs may exceed the contingency amount. Conversely, if the contingency amount is not exceeded, the benefit would accrue to Poseidon.

3. **Limited Notice to Proceed Fixed Allowance** – Currently, the KSJV team is evaluating certain existing conditions and hydraulic assumptions. Based on the information available to date, a fixed allowance of $495,000 was assumed in the loan amount to account for potential changes. Once this effort is complete, and subject to Bank loan funding and execution of the IOP CAM, a formal Notice to Proceed will be issued by Poseidon for KSJV to begin construction activities.

**Operating Charge Adjustment (fixed and variable)**

The operating charge adjustment compensates Poseidon for the fixed and variable costs associated with the operation and maintenance of the Interim Modifications. There are no operating or maintenance activities linked to the variable flow processed through the new dilution pumps, so the variable cost adjustment is zero. The fixed operating cost on an annual basis is approximately $2,200,000.

**Electricity Charge Adjustment (fixed and variable)**

The Electricity Charge adjustment compensates Poseidon for the fixed and variable electrical costs associated with the Interim Modifications. The electricity cost on an annual basis is approximately $400,000.

**Dredging**

With the closure of the EPS, Poseidon assumed responsibility for periodic dredging of Agua Hedionda Lagoon to maintain flow through the lagoon and into the existing and future intake facilities. This function was previously the responsibility of NRG to support power generation at the EPS and was last performed in 2018. Under the terms of the WPA, Poseidon is allowed to recover dredging costs.

It is anticipated that additional dredging will be required as early as October 2020 and again as part of the construction effort for the permanent intake screens located in the lagoon (October 2023). While some historical costs for dredging have been shared by NRG, the work is highly specialized and costs can vary significantly, based on actual conditions at the time of the dredging. As such, dredging was not included in the fixed price increase for IOP. Staff plans to address the first Poseidon dredging event anticipated in 2020, and potentially the 2023 effort, as a direct pass through of substantiated costs.
IOP Unit Price Adjustment

The total increase to the unit price of desalinated water based on the cost components above is estimated at $94/acre-foot as shown in Table 2 below. This equates to a reduction in the unit price of water by $41/acre-foot as compared with the current TSOP unit price adjustment of $135/acre-foot.

Table 2. IOP Unit Price Adjustment for Contract Year 2020 ($/AF, estimated)

<table>
<thead>
<tr>
<th>Cost Components</th>
<th>IOP Unit Price Adjustment</th>
<th>Estimated IOP Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Service</td>
<td>$22/AF</td>
<td>$609/AF</td>
</tr>
<tr>
<td>Equity Return</td>
<td>$18/AF</td>
<td>$428/AF</td>
</tr>
<tr>
<td>Fixed Operating</td>
<td>$46/AF</td>
<td>$522/AF</td>
</tr>
<tr>
<td>Variable Operating</td>
<td>$0/AF</td>
<td>$123/AF</td>
</tr>
<tr>
<td>Fixed Electricity</td>
<td>$8/AF</td>
<td>$174/AF</td>
</tr>
<tr>
<td>Variable Electricity</td>
<td>$0/AF</td>
<td>$693/AF</td>
</tr>
<tr>
<td><strong>Total Unit Price</strong></td>
<td><strong>$94/AF</strong></td>
<td><strong>$2,549/AF</strong></td>
</tr>
</tbody>
</table>

*Current Unit Price (w/ TSOP)* $2,590/AF

*Change in Unit Price* ($41)/AF

The IOP CAM will be executed and the unit price adjustment will be finalized with completion of the Bank Loan Agreement.

Prepared by: Jeremy Crutchfield, Water Resources Manager
Reviewed by: Robert R. Yamada, Special Projects Director
Reviewed by: Kelley Gage, Director of Water Resources
Approved by: Sandra L. Kerl, Acting General Manager
October 23, 2019

Attention: Imported Water Committee

Metropolitan Water District Delegates’ Report. (Discussion)

Purpose
This report summarizes key discussions held and actions taken at the Metropolitan Water District (MWD) committee and Board meetings, as reported by the Water Authority Delegates (Delegates). This report includes MWD Board activities from October 7, 8, 21, and 22, 2019. The MWD committees and Board meet next on November 4 and 5.

Discussion
The Water Authority Delegation supported all 10 action items approved by the MWD Board at its October 2019 meeting. The MWD Board action of interest to the Water Authority was the authorization of a Local Resources Program agreement with the with Calleguas Municipal Water District and the City of Camarillo for the North Pleasant Valley Desalter Project.¹ MWD held a Board retreat on October 21 and 22 at the Langham Hotel in Pasadena. Over the course of the one-and-a-half day retreat, the Board received high-level overview presentations on MWD’s history, Integrated Water Resources Plan (IRP), rate structure, and examples of how some member agencies rely on MWD. The Board’s discussion focused on:

- The regional role MWD plays;
- MWD’s IRP and its process;
- The various benefits MWD provides; and
- Potential “equitable” adjustments to MWDs rate structure to address reduced demands.

In response to a request from Director Goldberg, the Finance and Insurance (F&I) Committee received a “Bond Disclosure (Appendix A) Responsibilities” training from MWD’s external bond disclosure counsel, which is summarized in Attachment 1. Although MWD’s demand management cost allocation was not discussed this month, at the end of the Committee, F&I Committee Chair Dake (Los Angeles) acknowledged Director Smith’s letter related to the subject and said staff would respond to his requests.²

During the Audit and Ethics Committee, MWD’s Ethics Officer presented recommendations related to the Ethics Office and received Board input, which is summarized in Attachment 2. The Communications and Legislative Committee received a presentation on and discussed staff’s proposal to co-sponsor legislation to establish a program at the State Water Resources Control Board to identify and evaluate drinking water contaminants of emerging concern, which are

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¹ For more information on this agreement see the Metropolitan Water District Program Report found starting on page 155 of the Water Authority’s October 2019 Board packet: https://www.sdcwa.org/meetings-and-documents
summarized in Attachment 3. The Water Planning and Stewardship (WP&S) Committee received a presentation on and discussed a potential Stormwater for Recharge Pilot Program, which is summarized in Attachment 4.

Also, at the WP&S Committee, Assistant General Manager/Strategic Water Initiatives Patterson provided an update on Bay-Delta matters. Patterson reported:

- The voluntary settlement agreements are slated to be completed this month;
- The new Bay-Delta project is anticipated to be announced by the end of the year; and
- The federal government plans to release updated biological opinions for State Water Project and Central Valley Project operations in the next two or three weeks.

Director Paskett (Los Angeles) requested that prior to making a decision on the new Bay-Delta Project, the Board discuss the project. General Manager Kightlinger replied that staff anticipates providing the Board with information on the project in December 2019, which will lead to the Board consideration of “whether or not we want to fund the next phase of [the] environmental planning review and process” in the “January, February timeframe.” Additionally, Kightlinger said MWD “need[s] to understand where the rest of the other State Water contractors are in their processes in terms of funding,” and later clarified that in the Spring 2020, MWD would again consider continuing “to stay in the CEQA [California Environmental Quality Act] process and fund our share.” Kightlinger said a “final decision on a final project” is about two to three years away. Responding to Paskett’s follow-up question, Kightlinger said “the primary decision for Metropolitan is going to be what is our role and are we willing to fund it.” Paskett reiterated her request to “consider having a couple of Board meetings to really talk through it in this Committee.” Patterson indicated MWD was planning to hold these meetings.

Director Smith echoed Paskett’s request and added to it, asking that staff provide an update on the voluntary settlement agreement negotiations and status of the Bay-Delta project, including what MWD staff is advocating in discussions surrounding these issues. Related to the voluntary settlement agreements, Patterson said that staff will provide a more detailed proposal back to the Board, but MWD’s position is “consistent with the package that was submitted and is on the State Board website that we did a year ago roughly.” Regarding the Bay-Delta project, Kightlinger said MWD staff has been advocating for a project capacity that does not go below 6,000 cubic feet per second since “once you get smaller than that it starts to become a lot less cost effective.” Director Ortega (Fullerton) wrapped-up the discussion by requesting information on how sea level rise may impact the Bay-Delta project and its environmental review.

At the subsequent day’s Conservation and Local Resources (C&LR) Committee meeting, C&LR Committee Chair Paskett reported that MWD staff is working closely with the Newsom Administration on the water resilience portfolio and more information on the portfolio is expected this month. Also, members of Newsom’s water resilience portfolio team are scheduled to address the C&LR Committee at its November meeting.

At the Operations, Personnel, and Technology Committee meeting, Director Ackerman (Municipal Water District of Orange County) requested the Board revisit General Auditor Riss’ compensation increase that was approved in August 2019. Ackerman suggested that it was not
sufficient given that Riss was also serving as Interim Ethics Officer for a significant amount of time. Chairwoman Gray said Ackerman’s request will be added to a future Executive Committee agenda for further discussion. At the subsequent day’s Legal and Claims Committee, the Board went into closed session without the Delegates in attendance to review the Water Authority’s settlement proposal and hear a report on the rate litigation. During the Board meeting, Director Gharpetian (Glendale) and Director Quinn (Los Angeles) were inducted onto the Board.

Prepared by: Skylar Stephens, Management Analyst

Reviewed by: Audit and Ethics Committee by Michael Hogan & Tim Smith
Conservation and Local Resources Committee by Michael Hogan
Communications and Legislation Committee by Tim Smith
Engineering and Operations Committee by Tim Smith
Finance and Insurance Committee by Gail Goldberg & Tim Smith
Legal and Claims Committee by Gail Goldberg & Tim Smith
Organization, Personnel and Technology Committee by Michael Hogan & Tim Smith
Water Planning and Stewardship Committee by Gail Goldberg & Michael Hogan

Attachments:
Attachment 1—Discussion Summary of Bond Disclosure Training
Attachment 2—Discussion Summary of Ethics Office Recommendations
Attachment 3—Discussion Summary of Co-Sponsoring Legislation to Identify and Evaluate Constituents of Emerging Concern
Attachment 4—Discussion Summary of Potential Stormwater for Recharge Pilot Program
Attachment 5—MWD’s committee and Board meeting agendas dated October 7 and 8, 2019
Attachment 6—MWD Board retreat agenda dated October 21-22, 2019
Discussion Summary of Bond Disclosure Training

At its October 2019 meeting, the Finance and Insurance (F&I) Committee received a “Bond Disclosure (Appendix A) Responsibilities” training from MWD’s external bond special disclosure counsel, Dave Sanchez of Norton Rose Fulbright. The presentation focused on the Board’s responsibility to review disclosures and identify material issues. The training was in response to Director Goldberg’s May 2019 request for the Board to better understand their fiduciary duty. Sanchez concluded his presentation by saying the Board has an obligation to raise concerns if they are aware of problems, stating “the SEC [Securities and Exchange Commission] is increasingly focused on bringing charges against individual issuer officials and that your liability can result from negligence, not an intent to deceive.”

Following the presentation, in response to Director Goldberg, Sanchez said the Board can ask its General Counsel for guidance on what is material. Goldberg stated she was unsure if two issues she had previously raised —related to suspending the Ad Valorem tax rate limitation and significantly increasing the percent of MWD’s capital expenditures that are debt-funded—were material. Sanchez replied that Goldberg discharged her responsibility by raising those issues. Using the example of the Orange County bankruptcy, Director Barbre (Metropolitan District of Orange County (MWDOC)) said “some folks got in real trouble because they didn’t ask those [material] questions,” and suggested there was a “lack of curiosity” and that the “political questions being thrown around and asked at the time…were summarily dismissed.”1 When it comes to MWD, Barbre stated the Board has “good disclosure counsel” and “good staff making sure there are answers to all those questions.”

Switching gears, Director Peterson (Las Virgenes) suggested the SEC’s role is “to protect the investor” and asked if “anyone has ever lost money on an [MWD] bond.” General Manager Kightlinger responded “no.” On a different note, Peterson asked how “important” the Board’s “willingness to raise rates” is to investors and bonding agencies. Sanchez replied this “willingness” is “very important to investors and particularly rating agencies” but “all the [SEC] cares about is that [the Board] make[s] honest statements about [the Board’s] willingness or ability to raise rates.” Director McKenney (MWDOC) asked if investors rely on Appendix A over what Board members share during speaking engagements. Sanchez said the SEC has “generally” indicated that an investor would rely primarily on MWD’s official disclosure first. Barbre asked what would happen if “an individual or the Board” said they were “going to raise rates” but did not follow through. Sanchez replied that if the “SEC was looking to bring charges” and MWD’s disclosure documents said it was going to raise rates but it did not do so, then the SEC “would look at where the fault lied,” which in this example would likely be with the Board. Sanchez stressed that the SEC would look at the “disparity between a disclosure and an official document and then your subsequent action.” In response to Barbre, Sanchez said MWD “definitely does not want to

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1 When the Board last reviewed and approved the distribution of its Appendix A in May 2019, there were no questions or comments raised by the Board except for those from Director Goldberg and submitted by the Delegates in their May 12, 2019 letter found here: https://mwdprograms.sdcwa.org/wp-content/uploads/2019-05-12-WA-Del-ltr-re-MWD-8-1-Appendix-A.pdf. MWD’s May 16, 2019 response to the Delegates’ letter found here: https://mwdprograms.sdcwa.org/wp-content/uploads/2019-05-16-MWD-response-to-Delegates-May-12-2019-OS-ltr.pdf
give false information in a rating agency meeting” since a credit rating could potentially be based on something “verbally” communicated.

Director Record (Eastern) asked what consequences a director could face for “mak[ing] some false statements that might impact the ability [of MWD] to sell those bonds or the price at which they sold them; does the SEC then take action;” or would MWD “have to file some sort of a claim?” Sanchez replied that “for the SEC to bring an action” it “has to be aware or motivated” and it will “go down [a] list;” specifically for Board members, they will not be liable for information provided in response to their questions. Record said Sanchez misunderstood his question and asked about the consequences for a director knowingly “making false statements about Appendix A because [they] wanted to see Metropolitan suffer.” Sanchez responded that SEC action would be against the individual directors that are “purposefully making false statements” since they “would [be] contributing to disclosure that ended up being problematic.”

Wrapping up the discussion, F&I Committee Chair Dake (Los Angeles) pointed out that directors participate in the various water community organizations, like the Association of California Water Agencies, and asked about the risk of “group think.” Agreeing it’s a risk, Sanchez said a “warning we always give to staff putting together the document is, you know, you generally get the last document that you worked on and you mark it up, and it’s always important to think outside the corners of that document that you’re marking up.”
Discussion Summary of Ethics Office Recommendations

During its October 2019 meeting, the Audit and Ethics (A&E) Committee received an update on the proposed changes to the Ethics Office Policies and Procedures, including those related to:

- Oversight and feedback;
- Gift limits for employees;
- Levels of severity for violations;
- Discretion to open investigations;
- Notification to subjects about an ethics investigation;
- Reports on pending investigations;
- Whistleblowers and retaliation investigations; and
- Contracting.

Following Ethics Officer Salinas’ presentation, Director Hogan expressed appreciation of Ethics Office staff meeting with him to discuss issues raised in the Delegates’ September 23, 2019 letter. He suggested that the Ethics Office should have some jurisdiction over Equal Employment Opportunity (EEO) and sexual harassment allegations, especially as to how accusations against Directors are handled. A&E Committee Chair Ramos (Burbank) indicated that the committee had already discussed and resolved this issue. MWD staff added EEO-related allegations against directors would go to a subcommittee of directors and MWD would “retain an outside investigator.” Director Smith reiterated comments made in the Delegates’ letter that they do not think that forming a subcommittee of directors is an acceptable policy because this committee is potentially subject to political influences. Instead, Smith suggested that the Ethics Office directly hire outside investigators; Ramos agreed with Smith’s proposal.

The remaining discussion focused primarily on gift limits for MWD employees. While the Delegates and Director Kurtz (Pasadena) agreed with staff’s recommendation to prohibit all MWD employees from accepting gifts from all MWD contractors, Ramos and Directors Paskett (Los Angeles), McKenney (Municipal Water District of Orange County), and Hall (Inland Empire Utilities Agency) expressed reservations about this recommendation. They thought extending the gift limits to all employees would require additional and substantial training and could be difficult to gain labor union approval. Ramos indicated that Salinas would provide proposed changes prior to the Committee’s November meeting. This proposal will include two options for gift rules and a redlined version of the changes before the meeting. She also said that staff would respond to the Delegates’ September 23 letter.

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Discussion Summary of Co-Sponsoring Legislation to Identify and Evaluate Constituents of Emerging Concern

At its October 2019 meeting, the Communications and Legislation (C&L) Committee received a presentation on staff’s proposal to co-sponsor legislation that would create a program at the State Water Resources Control Board (State Board) to identify and evaluate drinking water quality constituents of emerging concern (CECs). Staff proposal is for the State Board to establish CECs’ standards and implement a comprehensive program to proactively evaluate CECs that would:

- Create a Science Advisory Panel;
- Review existing data and assess health impacts;
- Prioritize CECs in drinking water sources;
- Develop a risk-based screening program; and
- Provide opportunities for stakeholder engagement.”

Prior to staff’s presentation, Director Murray (Los Angeles) noted that the state legislature is not in session and made a motion to continue the item until November 2019 to allow more information to surface. Director Smith seconded Murray’s motion. Although Director McKenny (Metropolitan Water District of Orange County (MWDOC)) agreed there was likely “no urgency” for the Board to act, he requested to hear staff’s presentation and perspective on continuing the item.

Following staff’s presentation, General Manager Kightlinger said MWD has “been put in this position of opposing legislation” to regulate CECs in order for it to “work through the scientific process.” According to Kightlinger, this approach makes it appear “like we’re dragging our feet or looking reluctant to get the process started.” Instead, Kightlinger said this proposal aims to “be more responsive,” including to legislators’ desire to respond to the concerns of their constituents and frustration with the lengthy scientific process. He also noted that the proposal is not complete. For example, funding “needs to be worked out with the State Board and legislature.” He agreed the item was not pressing but wants MWD to be ready to “hit the ground” in January, when the 2020 legislative session begins, to find an author and sponsors.

Director Kurtz (Pasadena) supported MWD’s engagement in this issue and asked Murray what information the Committee would gain by continuing the item. Murray suggested that Director Quinn (Los Angeles) could better answer that question. Quinn said the State Board will issue a report related to setting a drinking water standard for per- and polyfluoroalkyl substances (PFAS), which could help MWD determine “how to proceed” with this legislation. She added that the “State Board already has a process for evaluating new drinking water standards” and would like “more time to better understand the value add of this particular legislation.” Quinn said the language in the Board memo is similar to amendments to the Safe Drinking Water Act of 1996, which “halted new drinking water regulations,” and could result in MWD being perceived as delaying new standards. In response to a separate question from Kurtz, Kightlinger stated that this proposed legislation would not impact any bills that have already passed and added that he was not familiar with the Safe Drinking Water Act language Quinn referenced.

Responding to Director Paskett (Los Angeles), Assistant General Manager/Chief Operating Officer Upadhyay said the idea for this legislation came from MWD’s treatment and water quality team but noted that this “discussion is happening at a larger level.” He commented, “legislators [are]
feeling a sense that there might be emerging water quality concerns that are big enough that they want to put something out in legislation that may actually go around or be faster than the normal standard setting process for MCLs [Maximum Contaminant Levels], which does take a while.” Upadhyay stressed that MWD’s intention “is not to do something that actually undermines that process, rather it’s to try to support development of data and research more quickly on CECs.” Kightlinger added that MWD is looking for an “alternative path as opposed to just the traditional MCL process, which is frankly, you know, labor intensive and time consuming” and moving towards a “more proactive” route “through the scientific process.”

Director Ortega (Fullerton) said he “strongly” supported staff’s proposal and that the “key to the [legislators’] frustration” is that the State Board “will not act fast enough.” Ortega cautioned that without an MCL in place, agencies may end up paying for the cleanup of a contaminant rather than that burden falling to the responsible parties. He expressed frustration with the current PFAS notification requirements, specifically that agencies lack “having something to tell the public about safe alternatives” and some, do not have access to other supply alternatives or funding for treatment. Although he thinks there is some “urgency” surrounding this issue, Ortega agreed MWD did not need to act “now.”

McKenney echoed support for staff’s recommendation, which he described as not “fully baked” and instead as a commitment to work on the issue. And although he did not think Quinn provided input that “would effect” what MWD is proposing to do, McKenney said he is willing “to try to accommodate directors that want to have more time to look at this, provided that it doesn’t dilute our influence.” McKenney made a substitute motion, which was seconded, to approve staff’s recommendation. Director Peterson (Las Virgenes) also expressed support for “going forward” with staff’s recommendation.

Although supportive of MWD’s intention to “get out in front of this issue,” Director Dake (Los Angeles) supported Murray’s motion and suggested that staff get “a little wider view on which process steps” MWD wants the legislature and State Board to take. Smith also supported Murray’s motion and echoed Quinn’s concern that staff’s proposal could be perceived as negative and an attempt to add bureaucracy to the process, which might delay implementing CEC regulations further. In response, Ortega said if directors “believe that the mere act of having a regulatory standard and a notification is protective, in and of itself, of public health then go ahead and delay,” but cautioned that water agencies need the “money and resources and the answer to provide the public about why they’re having to take certain sources out of supply and why they’re having to increase their rates.”

In response to McKenney, Kightlinger said MWD could delay Board action for a month without impacting opportunities to develop the legislation and requested Board input on what information should be provided next month. Murray clarified that his motion was to continue the item for one month, not to oppose staff’s recommendation. Paskett suggested that MWD staff stay active in this legislation’s development while deferring Board action until next month to allow it time to “think about it and appreciate the impacts.” Director Blois (Calleguas) agreed MWD should “engage,” identify alternatives, examine creating an independent panel outside the State Board, and consider “future ramifications.” However, he said he would not “weigh in whether we take action today or delay it a month because to me it’s kind of irrelevant.” McKenney asked if staff would be “hamstrung” if the Board delays voting. Kightlinger reassured that staff would continue...
to engage in the process if that is what the Board wishes. McKenney withdrew his substitute motion since “the consensus” of the Board was that staff would continue to develop the proposal while deferring Board action until next month. Director Record (Eastern) said he expects “Board members will weigh in and not just wait for staff to come back with something else and then shoot” down staff’s November recommendation. Director Quinn commented that the language in staff’s proposal concerned her and she wants to ensure the legislation does not have “unintended consequences.” Murray clarified his motion to direct staff to “continue to work on this issue.” Ultimately, the C&L Committee unanimously supported Murray’s motion; and at its meeting the subsequent day, the Board supported the Committee’s action (with newly inducted Director Gharpetian (Glendale) abstaining).

Later in the C&L Committee meeting, Kightlinger informed the Board that he asked staff to develop solutions to improve the environmental permitting process for Bay-Delta habitat creation. He suggested ideas might include ways to streamline the environmental permitting process and California Environmental Quality Act, or establishing a “taskforce in the Governor’s office.” He also asked for Board input and said he would bring this item to the Board, potentially as soon as November 2019.
Discussion Summary of Potential Stormwater for Recharge Pilot Program

At its October 2019 meeting, the Water Planning and Stewardship Committee received a presentation on a potential Stormwater for Recharge Pilot Program. The $7.5 million proposed pilot would provide subsidies to retrofit existing projects with metering equipment and construct new projects that include metering equipment. The pilot aims to understand the “relationship” between stormwater capture and groundwater yield. This potential pilot, in addition to the Stormwater for Direct Use Pilot approved in September 2019, intend to inform MWD on stormwater projects’ water supply benefit as part of MWD’s effort to consider creating a local resource subsidy program for stormwater projects. MWD plans to seek Board authorization for the recharge pilot in December 2019.¹

Following staff’s presentation, Director Peterson (Las Virgenes) asked how MWD is addressing the potential for stormwater recharge projects to introduce groundwater contaminants, specifically mentioning per- and polyfluoroalkyl substances, and if MWD would have “any liability” or cleanup responsibilities should a project receiving MWD subsidies introduce contaminants. Staff said MWD’s “role is primarily in funding,” and General Manager Kightlinger added that “we don’t really know.” Peterson asked if MWD could ensure that it would not be liable. Kightlinger replied that MWD takes the position that those “who introduced the contaminant” are responsible for cleanup and believes its “exposure is minimal,” but there is no “guarantee” that MWD is clear of any liability. Later in the conversation, Director Barbre (Municipal Water District of Orange County (MWDOC)) echoed Peterson’s concern and asked if MWD was going “to request an indemnity agreement” to prevent MWD from having liability. (Staff did not respond.)

Director McKenney (MWDOC) commented that he appreciated the pilot looking at the connection between recharge and yield but asked if increased groundwater yield is the same as reduced demand for replenishment water. MWD replied that increased groundwater production reduces MWD purchases since it will “offset” the “need to purchase additional replenishment water.” McKenney said he’d “have to think more about that one” noting that “usually when we sell water for groundwater replenishment, we are not assuming that’s going immediately to use.”

On a different note, Director Abdo (Santa Monica) stated her support for pilot and advocated for it to have more funding than proposed. She also asked if water agencies that are not part of MWD could participate in the pilot. Kightlinger answered that “most agencies” in MWD’s service area are part of MWD, but there are “some holes,” which “would not be eligible for Metropolitan funding.” Assistant General Manager/Chief Operating Officer Upadhyay added that “a local agency that isn’t one of Met’s direct members” could participate in the pilot if its proposal came through an MWD member agency. Related to the pilot’s budget, Upadhyay said, if the pilot is approved, MWD would include funding in its next biennial budget for fiscal years 2021 and 2022.

Director Ortega (Fullerton) wondered if MWD staff had assessed “where Southern California ranks against the rest of the state for stormwater capture.” He also encouraged that the pilot’s criteria include “best management practices” for maintenance of stormwater capture facilities.

¹ For more information on the recharge pilot see the Metropolitan Water District Program Report starting on page 155 of the Water Authority’s October 2019 Board Packet found here: https://www.sdcwa.org/meetings-and-documents
noting that in the past some stormwater projects “ended up becoming a problem for vector control and other things because of the lack of maintenance.” Staff said it would consider including that but added that once the funding for the study portion of the pilot ends, the Board would need to consider how to move forward.

Switching gears, Director Smith asked if the goal of the pilot would be to develop unit cost for smaller and decentralized projects rather than funding groundwater projects. Staff said the pilot’s goal would be “to better draw links between the capture and the yield component, especially for those smaller projects.” Smith asked if the pilot would “have a requirement that the groundwater basin that was being used have a component where Metropolitan’s water is going into it and you’re replacing it,” noting that in the San Diego region these projects would be “offsetting imported water” use but not necessarily MWD water purchases. Upadhyay implied that the types of projects Smith described would be able to participate in the pilot, which would create a “data set” to inform “future Board deliberations” related to offering subsidies for stormwater recharge projects, including which projects would be eligible for subsidies.
Finance and Insurance Committee

Meeting with Board of Directors*

October 7, 2019

9:30 a.m. -- Room 2-456

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* The Metropolitan Water District’s Finance and Insurance Committee meeting 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 the Finance and Insurance Committee may attend and 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 the Finance and Insurance Committee will not vote on matters before the Finance and Insurance Committee.

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))

2. **Approval of the Minutes of the meeting of the Finance and Insurance Committee held September 9, 2019**

3. **CONSENT CALENDAR ITEMS — ACTION**

   **7-2** Review and consider Lead Agency’s adopted Mitigated Negative Declaration and take related CEQA actions, and adopt resolution for the 52nd Fringe Area Annexation concurrently to Western Municipal Water District and Metropolitan
4. OTHER BOARD ITEMS — ACTION

None

5. BOARD INFORMATION ITEMS

9-2 Compliance with Fund Requirements and Bond Indenture Provisions

6. COMMITTEE ITEMS

a. Training on Bond Disclosure (Appendix A) Responsibilities

7. MANAGEMENT REPORT

a. Chief Financial Officer’s report

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. Agendas for the meeting of the Board of Directors may be obtained from the Board Executive Secretary. 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 http://www.mwdh2o.com.

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.

Date of Notice: September 25, 2019
Water Planning and Stewardship Committee

Meeting with Board of Directors*

October 7, 2019

10:30 a.m. –Room 2-145

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))

2. Approval of the Minutes of the Water Planning and Stewardship Committee held September 9, 2019

3. CONSENT CALENDAR ITEMS — ACTION

   None

4. OTHER BOARD ITEMS — ACTION

   Revised 8-3 Authorize co-funding of dues payments to the Alliance for Water Efficiency and its California chapter, the California Water Efficiency Partnership, on behalf of water agencies within Metropolitan’s service area, subject to a $325,000 annual cap; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Date of Notice: October 3, 2019
8-6 Review and consider the City of Camarillo’s approved Final Supplemental EIR and authorize the General Manager to enter into a Local Resources Program Agreement with Calleguas Municipal Water District and the City of Camarillo for the North Pleasant Valley Desalter Project

5. BOARD INFORMATION ITEMS

9-3 Information on Stormwater for Recharge Pilot Program

6. COMMITTEE ITEMS

None

7. MANAGEMENT REPORTS

a. Bay-Delta Matters

b. Colorado River Matters

c. Water Resource Management Manager's report

8. FOLLOW-UP ITEMS

None

9. FUTURE AGENDA ITEMS

10. ADJOURNMENT
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E&O Committee

T. Smith, Chair
D. De Jesus, Vice Chair
R. Apodaca
B. Barbre
S. Blois
L. Dick
S. Faessel
D. Galleano
F. Heldman
R. Lefèvre
J. Morris
J. Murray Jr.
A. Ortega
G. Peterson
C. Treviño
H. Williams

Engineering and Operations Committee

Meeting with Board of Directors*

October 7, 2019

12:30 p.m. – Room 2-456

Monday, October 7, 2019

Meeting Schedule

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<td>9:30 AM</td>
<td>F&amp;I</td>
<td>Rm. 2-456</td>
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<td>10:30 AM</td>
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MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012

* The Metropolitan Water District's Engineering and Operations Committee meeting 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 the Engineering and Operations Committee may attend and 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 the Engineering and Operations Committee will not vote on matters before the Engineering and Operations Committee.

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))

2. **Approval of the Minutes of the meeting of the Engineering and Operations Committee held September 9, 2019**

3. **CONSENT CALENDAR ITEMS — ACTION**

    7-1 Award $594,480 contract to Kaveh Engineering & Construction, Inc. for rehabilitation of Service Connection A-06 on the East Orange Feeder No. 2; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA
4. OTHER BOARD ITEMS — ACTION

Withdrawn 8-1 Authorize on-call agreements with Arcadis U.S., Inc., HDR Inc., and Tetra Tech, Inc., in amounts not-to-exceed $1 million per year each, for a maximum of five years, for engineering services to support board-authorized Capital Investment Plan projects; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

8-2 Authorize an increase of $700,000 to an agreement with IBI Group, for a new not-to-exceed total of $2,445,000 for design services for Headquarters Building improvements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

5. BOARD INFORMATION ITEMS

None

6. COMMITTEE ITEMS

a. Energy Sustainability Plan Interim Results

7. MANAGEMENT REPORTS

a. Interim Water System Operations Manager’s report

b. Engineering Services Manager’s report

8. FOLLOW-UP ITEMS

None
9. **FUTURE AGENDA ITEMS**

10. **ADJOURNMENT**

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Organization, Personnel and Technology Committee

Meeting with Board of Directors*

October 7, 2019

1:30 p.m. -- Room 2-145

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))

2. Approval of the Minutes of the meeting of the Organization, Personnel and Technology Committee held September 9, 2019

3. CONSENT CALENDAR ITEMS – ACTION

None

4. OTHER BOARD ITEMS – ACTION

None

Date of Notice: September 25, 2019
5. BOARD INFORMATION ITEMS

None

6. COMMITTEE ITEMS

a. Equal Employment Opportunity Workforce Data

b. Workers Compensation Program Overview

7. MANAGEMENT REPORT

a. Human Resources Manager’s report

b. Information Technology Manager’s report

8. FOLLOW-UP ITEMS

None

9. FUTURE AGENDA ITEMS

10. ADJOURNMENT

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Date of Notice: September 25, 2019
Communications and Legislation Committee

Meeting with Board of Directors*

October 7, 2019

2:30 p.m. – Room 2-456

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))

2. Approval of the Minutes of the meeting of the Communications and Legislation Committee held September 9, 2019

3. CONSENT CALENDAR ITEMS — ACTION

None
4. OTHER BOARD ITEMS — ACTION

8-4 Authorize the General Manager to co-sponsor legislation to create a program at the State Water Resources Control Board to identify and evaluate drinking water quality constituents of emerging concern; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

8-5 Authorize the General Manager to seek legislation to amend the Surface Mining and Reclamation Act to provide Metropolitan with lead agency status for its activities; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

5. BOARD INFORMATION ITEMS

None

6. COMMITTEE ITEMS

a. Leveraging Pilot Programs to Promote Conservation

b. Update on Activities to Support Career Technical Education Programs

c. Report on activities from Washington, D.C.

d. Report on activities from Sacramento

7. MANAGEMENT REPORT

a. External Affairs Management report

8. FOLLOW-UP ITEMS

None
9. FUTURE AGENDA ITEMS

10. ADJOURNMENT

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Audit and Ethics Committee

Meeting with Board of Directors*

October 7, 2019

3:30 p.m. – Room 2-145

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))

2. Approval of the Minutes of the meeting of the Audit and Ethics Committee held September 24, 2019

3. MANAGEMENT REPORTS
   a. Ethics Officer’s report
   b. General Auditor’s report

4. CONSENT CALENDAR ITEMS – ACTION
   None

*The Metropolitan Water District’s Audit and Ethics Committee meeting is noticed as a joint meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board who are not assigned to the Audit and Ethics Committee may attend and 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 the Audit and Ethics Committee will not vote on matters before the Audit and Ethics Committee.
5. OTHER BOARD ITEMS – ACTION

Withdrawn A Recommend that the Board, after applicable staff communication with the bargaining units, approve proposed ethics-related amendments to the Administrative Code; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

6. BOARD INFORMATION ITEMS

None

7. COMMITTEE ITEMS

Added a. Review of the policies and procedures of the Ethics Office and Recommended Changes

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. Agendas for the meeting of the Board of Directors may be obtained from the Board Executive Secretary. 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 http://www.mwdh2o.com.

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Date of Notice: October 1, 2019
Legal and Claims Committee

Meeting with Board of Directors*

October 8, 2019

9:30 a.m. -- Room 2-145

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<table>
<thead>
<tr>
<th>MWD Headquarters Building</th>
<th>700 N. Alameda Street</th>
<th>Los Angeles, CA 90012</th>
</tr>
</thead>
</table>

* The Metropolitan Water District’s Legal and Claims Committee meeting 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 the Legal and Claims 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 the Legal and Claims Committee will not vote on matters before the Legal and Claims Committee.

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))

2. **Approval of the Minutes of the Legal and Claims Committee meeting held September 10, 2019**

3. **MANAGEMENT REPORT**
   a. General Counsel’s report of monthly activities

4. **CONSENT CALENDAR ITEMS — ACTION**
   None

5. **OTHER BOARD ITEMS — ACTION**
   None

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Date of Notice: September 25, 2019
6. BOARD INFORMATION ITEMS

None

7. COMMITTEE ITEMS

a. Review Settlement Proposal received from SDCWA and Report on San Diego County Water Authority v. Metropolitan Water District of Southern California, et al., San Francisco County Superior Court Case Nos. CPF-10-510830, CPF-12-512466, CPF-14-514004, CPF-16-515282, CPF-16-515391, CGC-17-563350, and CPF-18-516389; the appeal of the 2010 and 2012 actions, Court of Appeal for the First Appellate District Case Nos. A146901 and A148266 and California Supreme Court Case No. S243500; the petition for extraordinary writ in the 2010 and 2012 actions, Court of Appeal for the First Appellate District Case No. A155310; and the petition for extraordinary writ in the second 2016 action, Court of Appeal for the First Appellate District Case No. A154325 and California Supreme Court Case No. S251025

[Conference with legal counsel – existing litigation; to be heard in closed session pursuant to Gov. Code Section 54956.9(d)(1)]

8. FOLLOW-UP ITEMS

None

9. FUTURE AGENDA ITEMS

10. ADJOURNMENT

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Date of Notice: September 25, 2019
**Conservation and Local Resources Committee**

Meeting with Board of Directors*

**October 8, 2019**

**10:30 a.m. – Room 2-456**

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*The Metropolitan Water District’s Conservation and Local Resources Committee meeting 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 the Conservation and Local Resources Committee may attend and 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 the Conservation and Local Resources Committee will not vote on matters before the Conservation and Local Resources Committee.*

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

2. **Approval of the Minutes of the meeting of the Conservation and Local Resources Committee held September 10, 2019**

3. **CHAIR’S REPORT**

4. **COMMITTEE ITEMS**

   a. Conservation Update

   b. Conservation Partnership with Energy Utilities

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Date of Notice: September 25, 2019
5. FOLLOW-UP ITEMS

None

6. FUTURE AGENDA ITEMS

7. 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. Agendas for the meeting of the Board of Directors may be obtained from the Board Executive Secretary. 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 http://www.mwdh2o.com.

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.
1. **Call to Order**

   (a) **Invocation:** Zary Lahouti, Administrative Assistant I, Engineering Services Group

   (b) **Pledge of Allegiance:** Director Larry Dick

2. **Roll Call**

3. **Determination of a Quorum**

4. Opportunity for members of the public to address the Board on matters within the Board’s jurisdiction. (As required by Government Code Section 54954.3(a))

5. **OTHER MATTERS**

   A. Approval of the Minutes of the Meeting for September 10, 2019; and corrected Minutes of the Meeting for February 12, 2019 (Copies have been mailed to each Director)
   
   Any additions, corrections, or omissions

   B. Report on Directors’ events attended at Metropolitan expense for month of September 2019

   C. Approve committee assignments

   D. Chairwoman’s Monthly Activity Report

   E. Adopt motion to adjourn the November Board Meeting to November 5, 2019, due to Holiday (Committees to meet on November 4 and 5, 2019)
F. Presentation of 5-year Service Pin to Director Larry McKenney

G. Induction of new Director Vartan Gharpetian from the City of Glendale
   (a) Receive credentials
   (b) Report on credentials by General Counsel
   (c) File credentials
   (d) Administer Oath of Office
   (e) File Oath

H. Induction of new Director Tracy Quinn from the City of Los Angeles
   (a) Receive credentials
   (b) Report on credentials by General Counsel
   (c) File credentials
   (d) Administer Oath of Office
   (e) File Oath

6. DEPARTMENT HEADS’ REPORTS
   A. General Manager’s summary of activities for the month of September 2019
   B. General Counsel’s summary of activities for the month of September 2019
   C. General Auditor’s summary of activities for the month of September 2019
   D. Ethics Officer’s summary of activities for the month of September 2019

7. CONSENT CALENDAR ITEMS — ACTION
   7-1 Award $594,480 contract to Kaveh Engineering & Construction, Inc. for rehabilitation of Service Connection A-06 on the East Orange Feeder No. 2; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)
7-2 Review and consider Lead Agency’s adopted Mitigated Negative Declaration and take related CEQA actions, and adopt resolution for the 52nd Fringe Area Annexation concurrently to Western Municipal Water District and Metropolitan. (F&I)

END OF CONSENT CALENDAR

8. OTHER BOARD ITEMS — ACTION

Withdrawn  8-1 Authorize on-call agreements with Arcadis U.S., Inc., HDR Inc., and Tetra Tech, Inc., in amounts not to exceed $1 million per year each, for a maximum of five years, for engineering services to support board authorized Capital Investment Plan projects; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)

8-2 Authorize an increase of $700,000 to an agreement with IBI Group, for a new not-to-exceed total of $2,445,000 for design services for Headquarters Building improvements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)

Revised  8-3 Authorize co-funding of dues payments to the Alliance for Water Efficiency and its California chapter, the California Water Efficiency Partnership, on behalf of water agencies within Metropolitan’s service area, subject to a $325,000 annual cap; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (WP&S)
8-4 Authorize the General Manager to co-sponsor legislation to create a program at the State Water Resources Control Board to identify and evaluate drinking water quality constituents of emerging concern; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (C&L)

8-5 Authorize the General Manager to seek legislation to amend the Surface Mining and Reclamation Act to provide Metropolitan with lead agency status for its activities; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (C&L)

8-6 Review and consider the City of Camarillo’s approved Final Supplemental EIR and authorize the General Manager to enter into a Local Resources Program Agreement with Calleguas Municipal Water District and the City of Camarillo for the North Pleasant Valley Desalter Project. (WP&S)

9. BOARD INFORMATION ITEMS

9-1 Update on Conservation Program

9-2 Compliance with Fund Requirements and Bond Indenture Provisions. (F&I)

9-3 Information on Stormwater for Recharge Pilot Program. (WP&S)

10. FOLLOW-UP ITEMS

11. FUTURE AGENDA ITEMS
12. ADJOURNMENT

NOTE: Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parentheses at the end of the description of the agenda item e.g., (E&O, F&I). Committee agendas may be obtained from the Board Executive Secretary.

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COMMITTEE ASSIGNMENTS

Director McCoy was appointed to the Organization, Personnel and Technology Committee and the Special Committee on Bay-Delta. Director Quinn was appointed to the Communications and Legislation Committee and the Finance and Insurance Committee. Director Gharpetian was appointed to the Legal and Claims Committee and the Real Property and Asset Management Committee. (Agenda Item 5C)

ENGINEERING AND OPERATIONS COMMITTEE

Authorize on call agreements with Arcadis U.S., Inc., HDR Inc., and Tetra Tech Inc., in amounts not to exceed $1 million per year each, for a maximum of five years, for engineering services to support board authorized Capital Investment Plan projects. (WITHDRAWN - Agenda Item 8-1)

Authorized an increase of $700,000 to an agreement with IBI Group, for a new not-to-exceed total of $2,445,000. (Agenda Item 8-2)

WATER PLANNING AND STEWARDSHIP COMMITTEE

Authorized 50 percent of the dues for AWE and CalWEP members within Metropolitan’s service area, subject to a $325,000 annual cap. (Agenda Item 8-3)

Reviewed and considered information provided in the adopted EIR/EAs and the Addendum, adopted the Lead Agency’s findings and MMRP related to the proposed action, and authorized the General Manager to enter into a Local Resources Program agreement with the Calleguas Municipal Water District and the City of Camarillo for the North Pleasant Valley Desalter Project for up to 3,800 AFY of recovered groundwater under the terms included in the letter. (Agenda Item 8-6)

COMMUNICATIONS AND LEGISLATION COMMITTEE

Deferred action on this board item for one month and have staff continue working on the proposal, including any consultation with CMUA. (Agenda Item 8-4)

Authorized the General Manager to seek legislation to amend the Surface Mining and Reclamation Act to provide Metropolitan with lead agency status for its activities. (Agenda Item 8-5)
CONSENT CALENDAR

In other actions, the Board:

Awarded $594,480 contract to Kaveh Engineering & Construction, Inc. for rehabilitation of Service Connection A-06 on the East Orange County Feeder No. 2. (Agenda Item 7-1)

Reviewed and considered Lead Agency’s adopted Mitigated Negative Declaration and took related CEQA actions, and adopted resolution for the 52nd Fringe Area Annexation concurrently to Western Municipal Water District and Metropolitan. (Agenda Item 7-2)

OTHER MATTERS

Adopted motion to adjourn the November Board Meeting to November 5, 2019, due to Holiday (Committees to meet on November 4 and 5, 2019). (Agenda Item 5E)

Presented 5-year Service Pin to Director Larry McKenney. (Agenda Item 5F)

Inducted of new Director Vartan Gharpetian from the City of Glendale. (Agenda Item 5G)

Inducted of new Director Tracy Quinn from the City of Los Angeles. (Agenda Item 5H)

THIS INFORMATION SHOULD NOT BE CONSIDERED THE OFFICIAL MINUTES OF THE MEETING.

Board letters related to the items in this summary are generally posted in the Board Letter Archive approximately one week after the board meeting. In order to view them and their attachments, please copy and paste the following into your browser:
http://mwdh2o.com/WhoWeAre/Board/Board-Meeting/Pages/search.aspx

All current month materials, before they are moved to the Board Letter Archive, are available on the public website here: http://mwdh2o.com/WhoWeAre/archived-board-meetings
Monday, October 21, 1:30 p.m. – Langham Hotel, 1401 S. Oak Knoll Ave., Pasadena, CA 91106

1. Call to Order

2. Roll Call

3. Opportunity for members of the public to address the Board on matters within the Board’s jurisdiction. (As required by Gov. Code § 54954.3(a)

4. Introductory Comments – Chairwoman Gloria Gray

5. Metropolitan’s Foundation and Development of Guiding Principles

6. Continuation of the meeting to Tuesday, October 22
Tuesday, October 22, 8:30 a.m. - Langham Hotel, 1401 S. Oak Knoll Ave., Pasadena, CA 91106

1. Call to Order

2. Opening Comments – Chairwoman Gloria Gray

3. Metropolitan’s Integrated Water Resources Plan and Water Supply Challenges

4. Financial Structure of Metropolitan

5. Summary of the Two-day Retreat Topics

6. Board Discussion

7. Retreat Outcomes and Next Steps

8. Adjournment

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In late September, Congress passed, and the President signed into law a Continuing Resolution (CR) that allows the federal government to remain open and funded through November 21st. The CR buys more time for Congress to work to finalize the 12 FY20 appropriations bills.

Since returning to Washington after the August Congressional recess, the Senate Appropriations Committee was able to make progress on passing several of their FY20 appropriations bills out of committee, including both the Energy and Water bill (which funds the Army Corps of Engineers and the Bureau of Reclamation) and the Interior and Environment bill (which funds the Environmental Protection Agency). However, so far none of these bills have been passed by the full Senate.

This week, Senate Majority Leader Mitch McConnell indicated he plans to put a 4-bill appropriations package on the floor of the Senate, which would include the Interior and Environment bill. The 4 bills slated to be included in the package have all passed the Senate Appropriations Committee by a vote of 31-0. Senate Appropriations Committee Chair Richard Shelby (R-AL) stated that passage of this package would be a big step toward moving the FY20 appropriations process forward. McConnell has indicated to Shelby that with the successful passage of this first appropriations package, he would consider putting a second package on the floor of the Senate that would likely contain other domestic spending bills, including Energy and Water. Once these bills pass the Senate, the House and Senate will need to work out the differences between their two versions of each bill in a conference committee.

Over the past several months, Environmental Protection Agency (EPA) Administrator Andrew Wheeler has indicated that EPA and the Army Corps of Engineers (Corps) plan to release the new Waters of the US (WOTUS) rule by the end of the year. However, recently Wheeler indicated that date might be slipping. At an event in early October in North Dakota in which
WOTUS was being discussed, Wheeler stated that the new rule would likely be introduced sometime this winter and indicated that it could be pushed back until early next year. Last month, EPA and the Corps announced the repeal of the 2015 WOTUS rule put into effect during the Obama Administration.

Federal Agency Positions/Nominations

The Senate Environment and Public Works Committee recently approved the nomination of Aurelia Skipwith to serve as the Director of the United State Fish and Wildlife Service. Her nomination now goes before the full Senate for consideration. The President initially nominated her in October of 2018, but since her nomination was not confirmed by the end of the last Congress, she needed to be nominated again.

President Trump has nominated Paul Ray to serve as the Administrator of the Office of Information and Regulatory Affairs (OIRA) at the Office of Management and Budget. Ray has been the Acting Administrator at OIRA for the past 6 months. Prior to his time at OIRA, he served as a counselor to former Department of Labor Secretary Alex Acosta.

Department of Energy Secretary Rick Perry announced that he is resigning. His last day will be December 1st. President Trump has indicated that he plans to nominate Dan Brouillette to replace Perry. Brouillette is currently serving as the Deputy Secretary.

Rep. Peters Introduces Legislation Regarding Point Loma

Earlier this month, Rep. Scott Peters, along with Reps. Duncan Hunter and Susan Davis, introduced the “Ocean Pollution Reduction Act II” (H.R. 4611). This legislation would make modifications to the City of San Diego’s permitting process to operate the Point Loma Wastewater Treatment Plant (PLWTP). This bill’s stated intention is to ensure that San Diego has long-term certainty for its water supply, while not weakening the Clean Water Act or relaxing existing environmental standards of PLWTP or other wastewater treatment facilities. H.R. 4611 has been referred to both the House Transportation and Infrastructure Committee, as well as the House Natural Resources Committee for consideration.

EPA Releases Proposed Update to Lead and Copper Rule

On October 10th, the EPA released a proposed rule that would update the existing Lead and Copper rule. This action is the first overhaul of the rule since 1991. The proposed rule is applicable to all 68,000 public water systems, requiring them to sample water from households...
with plumbing materials that contain lead or copper and take action to reduce exposure to these metals in drinking water. The proposed rule focuses on 6 areas:

- Identifying the most impacted areas
- Strengthening drinking water treatment
- Replacing lead service lines
- Increasing drinking water sampling reliability
- Improving risk communications to customers
- Better protecting children in schools and childcare facilities

EPA is not proposing to change the existing action level of 15 parts per billion (ppb); however, it is proposing a new lead trigger level of 10 ppb, which would compel water systems to identify actions that would reduce lead levels in drinking water. EPA estimates that the total cost of the rule to public water systems will approximately be between $450 million and $675 million annually. Once the proposed rule is officially filed in the Federal Register, there will be a 60-day period to submit public comments.
MEMORANDUM

DATE: October 23, 2019

TO: Board of Directors

FROM: Sandy Kerl, Acting General Manager

SUBJECT: Activity Report

As part of my monthly report out to the Board, I want to provide you with a written overview of the key meetings and activities in which I have been engaged. Since this is the first such report, I will include activities for the month of September and October.

September 2019

Meeting with Indian Water Authority
Attended San Diego North County EDC Chairman’s Dinner
Briefing of Congressman Mike Levine
Meeting with Cindy Wallis-Lage, President of Black and Veatch Global Water Business
Presented to Interior and Bureau of Reclamation at Carlsbad Desalination Plant
Attended The Centre Annual Symposium
Attended San Diego Regional Economic Development Council meeting
Attended San Diego Regional Chamber of Commerce meeting
Attended Fiscal Sustainability Task Force Meetings
Quarterly City PUD and Water Authority Coordination Meeting
Attended East County Caucus
Attended Council of Water Utilities
San Vicente Energy Storage Task Force Meeting
Member Agency Managers’ Meeting with Supervisor Jim Desmond
Meeting with Supervisor Greg Cox
Meet with Alpine Fire Protection District Board Member Barry Willis
Colorado River Symposium – Santa Fe, New Mexico
San Diego Regional Chamber of Commerce Mission to DC
  • Met at White House with Senior Staff
  • Met with Senior Interior and Bureau of Reclamation Staff
  • Met with Senior EPA Staff

October 2019

Meeting with El Cajon Mayor Bill Wells
Meeting with Retiring and New Farm Bureau Executive Directors
Meeting with Chula Vista Mayor Mary Salas
Meeting with Supervisor Jacobs
Meeting with Supervisor Nathan Fletcher
Meeting with Supervisor Kristen Gaspar
Meeting with Officers, Staff and Consultants on Strategic and Implementation Planning for Key Issues
Annual Employee Recognition Event
Vista Chamber of Commerce – Meet the Leaders Event
Eric Larson Retirement Celebration
MANA de San Diego 22nd Brindis Gala
Imperial Irrigation District and Water Authority Administrative Committee
Meeting with Imperial Valley County Board of Supervisors
Rating Agency Presentations with Fitch and Moody’s on Interim Operations
Desal Intake Modifications
Attended San Diego Economic Development Council Meeting
Attended San Diego Regional Chamber of Commerce Meeting
Attended San Diego Downtown Partnership Annual Alonzo Awards
Fiscal Sustainability Task Force meetings
Presenter of the Citizen’s Water Academy Session I
Council of Water Utilities Meeting
Member Agency Managers’ Meeting
South County EDC’s 30th Anniversary Celebration Event
Urban Corps of San Diego County Sunset Soiree
AWWA CA-NV Opening Session Speaker and Panel Member
East County Caucus Meeting
California Urban Water Agencies (CUWA) Meeting
Meeting with Sam Attisha, Senior Vice President & Region Manager, Cox Communications
Meeting with Betsy Brennan, Executive Director, Downtown San Diego Partnership
San Diego Regional Economic Development Council Future of Growth Forum

If any Board Member has questions or suggestions of community, business, or philanthropic groups where the Water Authority should have a presence, please contact me.