

This meeting has been noticed according to the Brown Act rules. This agenda was posted on Wednesday, August 8, 2018.

# Administrative Committee Members:

Andrew Clarke Brenda Lewis, Chair Molly Evans

Alternate: Ralph Rubio

**Staff Contact:** Suresh Prasad

After staff reports have been distributed, if additional documents are produced by the District and provided to the Committee regarding any item on the agenda, they will be made available at 5 Harris Court, Building G, Monterey, CA during normal business hours. In addition, such documents may be posted on the District website at www.mpwmd.net. Documents distributed at the meeting will be made available in the same manner

#### AGENDA

# Administrative Committee of the Monterey Peninsula Water Management District

Monday, August 13, 2018, 3:30 pm
MPWMD Conference Room, 5 Harris Court, Building G, Monterey, CA

#### Call to Order

**Comments from Public** – The public may comment on any item within the District's jurisdiction. Please limit your comments to three minutes in length.

### Items on Board Agenda for August 20, 2018

- 1. Consider Adoption of Minutes of July 10, 2018 Committee Meeting
- Consider Expenditure to Contract with the California Conservation Corps for Fall 2018 Vegetation Management and to Remove Concrete at Rancho Cañada
- 3. Consider Expenditure to Contract for Completion of Annual Carmel River Survey (*Exempt from CEQA Section 15306*)
- 4. Consider Expenditures for Permitting of a New Carmel River Fish Counting Weir
- 5. Semi-Annual Financial Report on the CAWD/PBCSD Wastewater Reclamation Project

### **Other Business**

- 6. Review Fourth Quarter Legal Services Activity Report for Fiscal Year 2017-18
- 7. Review Draft August 13, 2018 Board Meeting Agenda

# Adjournment

Upon request, MPWMD will make a reasonable effort to provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. Please submit a written request, including your name, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service by 5 PM on August 10, 2018. Requests should be sent to the Board Secretary, MPWMD, P.O. Box 85, Monterey, CA, 93942. You may also fax your request to the Administrative Services Division at 831-644-9560, or call 831-658-5600.

 $U: \\ staff \\ Board\_Committees \\ Admin \\ 2018 \\ 20180813 \\ Aug-13-2018-Admin-Agenda. \\ docknown \\$ 

# 1. ADOPT MINUTES OF JULY 10, 2018 COMMITTEE MEETING

Meeting Date: August 13, 2018

From: David J. Stoldt,

**General Manager** 

**Prepared By:** Arlene Tavani

**SUMMARY:** Draft minutes of the July 10, 2018 Administrative Committee meeting are attached as **Exhibit 1-A**.

**RECOMMENDATION:** The Committee should review the minutes and adopt them by motion.

### **EXHIBIT**

1-A Draft Minutes of July 10, 2018 Committee Meeting



### **EXHIBIT 1-A**

### **DRAFT MINUTES**

# Monterey Peninsula Water Management District Administrative Committee July 10, 2018

#### Call to Order

The meeting was called to order at 2:37 PM in the District Conference Room.

Committee members present: Brenda Lewis – Chair

Andrew Clarke Molly Evans

Staff present: David Stoldt, General Manager

Stephanie Locke, Water Demand Manager

Larry Hampson, Water Resources & Engineering Manager/District Engineer

Maureen Hamilton, Water Resources Engineer

Arlene Tavani, Executive Assistant Jonathan Lear, Senior Hydrgeologist

Maureen Hamilton, Water Resources Engineer

### **Oral Communications**

None

### Items on Board Agenda for July 16, 2018

1. Consider Adoption of Minutes of June 11, 2018 Committee Meeting

On a motion by Clarke and second of Lewis, the minutes were approved on a vote of 2-1 by Clarke and Lewis. Evans abstained from voting. No public comment.

2. Consider Expenditure to Contract for Construction and Services to Complete the Carmel River Bank Stabilization at Rancho San Carlos Road Project

Clarke made a motion and Evans seconded, to recommend that the Board of Directors approve a contract with Empire Landscaping, Inc. and limit the contingency to 15%. The committee recommended approval of an expenditure up to a total of \$907,000. This would include: (a) Empire Landscaping construction of project \$517,365; (b) service contracts for associated services \$32,000; (c) contingency \$82,635; and (d) if the District must contract for the next highest bidder the General Manager could execute contracts for up to \$907,000. The motion was approved on a vote of 3 – 0 by Clarke, Evans and Lewis. No public comment.

3. Consider Expenditure to Contract for Construction and Related Services for the Sleepy Hollow Steelhead Rearing Facility Raw Water Intake and Water Supply System Upgrade Project

On a motion by Evans and second of Clarke, the committee voted unanimously to recommend that the Board approve an expenditure of \$2,000,000 to complete the upgrade at the Sleepy Hollow Steelhead Rearing Facility. This would include: (a) \$1,802,835 to contract with Mercer Fraser; (b) \$30,000 for service contracts for associated tasks; and (c) \$157,165 for change orders or new service

contracts for unforeseen items. The motion was approved on a vote of 3-0 by Evans, Clarke and Lewis. No public comment.

4. Consider Approval of Amendment to License Agreement with California American Water for the Sleepy Hollow Steelhead Facility Upgrade

Clarke made a motion and Evans seconded, to recommend that the Board of Directors amend an existing license agreement with California American Water to allow the District to upgrade the Sleepy Hollow Steelhead Rearing Facility. The motion was approved on a vote of 3 – 0 by Clarke, Evans and Lewis. No public comment.

5. Consider Expenditure to Contract with Normandeau Associates, Inc. for Carmel River IFIM for IFIM Model Support

On a motion by Clarke and second of Evans, the committee recommended that the Board of Directors authorize staff to contract with Normandeau Associates, Inc. for a not-to-exceed amount of \$20,000. The motion was approved on a vote of 3 – 0 by Clarke, Evans and Lewis. No public comment.

6. Consider Expenditure for the Santa Margarita Backflush Basin Expansion Project Construction and Support Services

On a motion by Evans and second of Clarke, the committee recommended that the Board of Directors authorize an expenditure of \$688,515 to complete the Santa Margarita Backflush Basin Expansion Project. That includes (a) \$527,869 contract with Granite Rock; (b) \$96,034 contract with Pueblo Water Resources; (c) \$55,215 to amend the FORA agreement; and (d) \$9,397 to amend the contract with Denise Duffy & Associates. The motion was approved on a vote of 3 – 0 by Evans, Clarke and Lewis. No public comment.

7. Consider Contract with Pueblo Water Resources to Provide Aquifer Storage and Recovery Operational Support

Evans offered a motion and Clarke seconded, to recommend that the Board of Directors authorize an expenditure of \$70,000 to contract with Pueblo Water Resources. The motion was approved on a vote of 3 – 0 by Evans, Clarke and Lewis. No public comment.

8. Consider Authorizing Monterey Bay Analytical Services to Provide Laboratory Support for Watermaster Water Quality Monitoring

On a motion by Clarke and second of Evans, the committee recommended that the Board of Directors authorize an expenditure of \$10,000 for laboratory support to be provided by Monterey Bay Analytical Services. The motion was approved on a vote of 3 – 0 by Clarke, Evans and Lewis. No public comment.

9. Consider Authorizing Monterey Bay Analytical Services to Provide Laboratory Support for Aquifer Storage and Recovery Project Operations

Clarke offered a motion and Evans seconded, to recommend that the Board of Directors authorize an expenditure of \$60,000 for laboratory support to be provided by Monterey Bay Analytical Services. The motion was adopted on a vote of 3-0 by Clarke, Evans and Lewis. No public comment.



# 10. Consider Adoption of Treasurer's Report for May 2018

On a motion by Evans and second of Clarke, the committee recommended that the Board of Directors adopt the Treasurer's Report for May 2018. The motion was adopted on a vote of 3-0 by Evans, Clarke and Lewis. No public comment.

### **Other Business**

# 11. Review Draft July 16, 2018 Board Meeting Agenda

The committee reviewed the draft agenda.

# Adjournment

The meeting adjourned at 4:45 pm.



2. CONSIDER EXPENDITURE TO CONTRACT WITH THE CALIFORNIA CONSERVATION CORPS FOR FALL 2018 VEGETATION MANAGEMENT AND TO REMOVE CONCRETE AT RANCHO CAÑADA

Meeting Date: August 13, 2018 Budgeted: Yes

From: David J. Stoldt Program/ Riparian Mitigations

General Manager Line Item No.: 2-1-4

Prepared By: Thomas Christensen Cost Estimate: \$18,311

General Counsel Approval: N/A

Committee Recommendation: The Administrative Committee reviewed this item on

August 13, 2018 and recommended \_\_\_\_\_\_.

CEQA Compliance: No CEQA action required per CEQA Guidelines Section 15168 Program EIR. The Board certified the Carmel River Management Plan Environmental Impact Report on October 29, 1984.

**SUMMARY:** The Board will consider authorizing staff to contract with the California Conservation Corps (CCC), which will provide a crew of approximately 12 workers (6 days) to help District staff carry out vegetation management activities on the Carmel River during the fall of 2018. Vegetation management this year will involve cutting, removing, and dragging large tree limbs out of the river bed and removing debris from the channel in preparation for potential high winter flows. The amount of work required this year warrants the use of CCC workers. This program is conducted in accordance with the District's "Guidelines for Vegetation Management and Removal of Deleterious Materials for the Carmel River Riparian Corridor."

In addition, the CCC will help District staff use jackhammers to break up and remove a concrete bridge pier and deck associated with a collapsed bridge that is lying in the bed of the Carmel River on former Rancho Cañada Golf Course property. This concrete will also need to be carried by hand up and out of the river bed.

### **CCC Labor Cost = \$15,840**

Removal of the concrete bridge pier and associated deck will require rental of a compressor trailer, jackhammers, hoses, points, and a cutoff saw.

### Equipment Rental Cost = \$1,471

In addition, as the District breaks up the concrete, it is possible that large steel reinforcing beams may be encountered within the bridge pier or deck. The District may need a specialist to come and cut the steel with a torch. Carmel Valley Iron Works stated that they could come to the site and cut any large steel beams into smaller sections so they could be carried out.

Steel Cutting Cost = \$1000 (\$200 for set up and \$100 per hour, only if needed)

**RECOMMENDATION:** The committee should recommend that the Board of Directors authorize the General Manager to enter into an agreement with the CCC to assist with Vegetation Management and Concrete Removal, rent equipment for concrete removal, and hire Carmel Valley Iron Works for cutting of steel beams **for a not-to-exceed amount of \$18,311**.

**DISCUSSION:** The District plans to perform in-channel vegetation management and concrete removal along the Carmel River in September and October of 2018. Large trees that have fallen across the river are cut into sections to reduce the risk of debris piles and erosion events during winter flows. Erosion can occur if high flows are directed away from the center of the channel by vegetation and debris dams. In addition, it is anticipated that it will take at least four days to break up the concrete bridge pier and deck in the channel bottom and carry the concrete out of the channel to the truck by hand. It is important to note that the removal of the concrete pier and deck is part of a mitigation offset that will allow the new screen to be placed in the channel bottom for the Sleepy Hollow Intake Project.

**CALIFORNIA ENVIRONMENTAL QUALITY ACT:** The removal by staff of "...snags and other debris from the [Carmel River] channel..." is described as part of the implementation of the Carmel River Management Plan (p. 41, CRMP). The District approved the CRMP as a project with the adoption of Resolution 84-26 on October 29, 1984.

**IMPACT TO STAFF/RESOURCES:** Funds for this project are included in the FY 2018-19 budget under "Riparian Mitigations," line item 2-1-4 Address Vegetation Hazards and Remove Trash, Account 24-03-787040.



Concrete bridge pier to be removed

## **EXHIBIT**

None

3. CONSIDER EXPENDITURE TO CONTRACT FOR COMPLETION OF ANNUAL CARMEL RIVER SURVEY (Exempt from CEQA – Section 15306)

Meeting Date: August 13, 2018 Budgeted: Yes

From: David J. Stoldt, Program/ Erosion Protection

General Manager Line Item No.: 2-2-2 Carmel Riverbed

**Topographic Data** 

Prepared By: Larry Hampson Cost Estimate: \$23,650

General Counsel Review: N/A

Committee Recommendation: The Administrative Committee reviewed this item on

August 13, 2018 and recommended \_\_\_\_\_\_.

CEQA Compliance: This action is categorically exempt under California Environmental

Quality Act Guidelines section 15306.

**SUMMARY:** MPWMD has cooperated for several years with the California State University at Monterey Bay (CSUMB) to gather and analyze Carmel River data. The Division of Science & Environmental Policy has provided a proposal attached as **Exhibit 3-A** to gather data in the active channel from the Carmel River Reroute to the lagoon. These data will be incorporated into the long-term database the District has developed to monitor and analyze the District's efforts to manage and restore streambank stability, vegetation, and fisheries habitat within the riparian corridor.

**RECOMMENDATION:** The committee should recommend that the General Manager enter into an agreement with the University Foundation at CSUMB for a not-to-exceed amount of \$21,495. Staff requests an additional \$2,150 in contingency funding for unforeseen conditions. If this item is approved with the Consent Calendar, the General Manager would be authorized to expend up to \$23,650 for this work.

**DISCUSSION:** CSUMB students have surveyed the Carmel River for large wood abundance and changes in channel geometry on several occasions since 2003. These data are being published annually and are used to track changes in the river resulting from the removal of San Clemente Dam. Replicating previous survey work will document the evolution of the channel and will help inform the Los Padres Dam study as well as long-term management of the Carmel River.

# California Environmental Quality Act Compliance (CEQA): Guidelines Section 15306. Information Collection

Class 6 consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. These may be strictly for information gathering purposes, or as part of a study leading to an action which a public agency has not yet approved, adopted, or funded.

# **EXHIBIT**

# **3-A** July 24, 2018 Proposal

# EXHIBIT 3-A Division of Science & Environment



# Division of Science & Environmental Policy California State University Monterey Bay

100 Campus Center, Seaside CA 93955-8001

(831)582-4110; FAX:(831)582-4122

July 24, 2018

## 2018 Carmel River Cross Section Survey and Large Wood Inventory

From: Dr. Douglas Smith (CSUMB School of Natural Sciences)

To: Larry Hampson (Monterey Peninsula Water Management District)

# <u>Overview</u>

San Clemente Dam was removed in 2015. We propose to document geomorphic changes and shifts in sediment size distributions in the third winter runoff following dam removal. We will use benchmarked cross sections and bed material particle counts to collect the data.

The dam removal project is unique in the world because it was designed to produce *de minimis* negative impacts to the downstream reach of river, while providing the ecological benefits of fish passage, restoration of steelhead spawning gravel, and the safety benefits of dam removal (Blanco et al., 2013; Boughton et al., 2016). However, the reintroduction of coarse sediment to the lower Carmel River (from the dam to the coast) can also locally influence flood hazard through channel filling bar formation and floodplain aggradation. Further, bar formation can force flows against stream banks, leading to accelerated erosion of public and private property.

CSUMB established 40 benchmarked river cross sections to monitor the changes in the river related to dam removal. We periodically collect topographic data and perform grainsize analysis on the Carmel River (e.g., Leiker et al 2014; Chow et al. 2016a; 2017; Steinmetz and Smith 2018a). The work to date has shown that a small, pool-filling sediment wave of sand and fine gravel prograded just 3.5 km downstream from the dam site in the first post-dam winter (Chow et al. 2016a), and virtually no cross sectional changes were noted. In the second year (water year 2017), high flows eroded a large volume of sediment from above the dam site and deposited it throughout the lower Carmel River, to the coast. The resulting significant cross sectional changes and changes to sediment size were reported in Steinmetz and Smith (2018a) and Harrison et al (in press 2018). Much of the lower river was blanketed in sand and small gravel, leaving fewer opportunities for steelhead spawning in the lower river than existed before the dam removal. While spawning-sized gravel was introduced to the lower river, it is clear that subsequent flows will be needed to winnow the fine sediment, if the high quality gravel will be utilized by spawners. The proposed work will continue monitoring the river to document the changes driven by the average flows of water year 2018.

This proposal is to fund the third post-dam removal surveys that will document any changes resulting from the somewhat modest flows of winter 2018.

The impacts (or lack of impacts) documented by this project will inform the MPWMD and Carmel Valley residents about continual change (or stability) present in the Carmel River channel.

### **Deliverables**

The deliverables will include one final report and associated data in spreadsheet format. The cross section report will include data for approximately 40 cross sections spanning from below Los Padres Dam to the Crossroads shopping center. The report will include the following sections:

- 1) Project background
- 2) Data collection methods
- 3) Presentation of cross section and grainsize analyses in graphs and summary data tables
- 4) Comparison with previous data sets to analyze change occurring before dam removal and as a result of dam removal
- 5) Well organized and annotated data spreadsheet.

### **Budget**

We propose to complete the work for \$21,495, a summary budget is included. All survey equipment will be provided by the CSUMB Watershed Geology Lab.

We propose to complete the fieldwork fall of 2018 before significant runoff of 2019 water year impedes access to the channel. Reports will be completed before February 2019. Work on this project is contingent upon contracting between the MPWMD and the University Corporation at Monterey Bay.

Dr. Douglas Smith, Professor

Division of Science and Environmental Policy

### References

- Beck E, Geisler E, Gehrke M, Goodmansen A, Leiker S, Phillips S, Rhodes J, Schat A, Snyder A, Teaby A, Urness J, Wright D., Smith, D. 2013. A Survey of Large Wood on the Carmel River: Implications for Bridge Safety Following San Clemente Dam Removal: The Watershed Institute, California State Monterey Bay, Publication No. WI-2013-04, 46 pp. http://ccows.csumb.edu/pubs/reports/CSUMB\_ENVS660\_ClassReport\_CarmelWood\_13 1002.pdf
- Blanco, S., Bohlke, B., Crawford, C., David, C., Delay, T., Keefauver, S., Miller, G., Perkins, P., Petruccelli, S., Post, K., Silveus, J., & Smith, D. 2012. San Clemente Dam Removal and Carmel River Reroute Monitoring Plan: Carmel, CA. The Watershed Institute, California State Monterey Bay, Publication No. WI-2012-05, 93 pp. http://ccows.csumb.edu/pubs/proj\_pubs/2012/ENVS660\_Carmel\_Monitoring/CSUMB\_ENVS660\_ClassReport\_DamRemovalMonitoring\_121128.pdf
- Boughton DA, East A, Hampston L, Kiernan J, Leiker S, Mantua N, Nicol C, Smith D, Urquhart K, Williams T, Harrison L. 2016. Removing a dam and re-routing a river: Will expected benefits for steelhead materalize in Carmel River, California? NOAA Technical Memorandum, NOAA-TM-NMFS-SWFSC-553. US Department of Commerce. Southwest Fisheries Science Center, Santa Cruz, CA. 89 pp. <a href="https://swfsc.noaa.gov/publications/TM/SWFSC/NOAA-TM-NMFS-SWFSC-553.pdf">https://swfsc.noaa.gov/publications/TM/SWFSC/NOAA-TM-NMFS-SWFSC-553.pdf</a>
- Chow K., Luna L., and Smith D. 2017. 2016 Post-San Clemente Dam Removal Morphological Monitoring of the Carmel River Channel in Monterey County, California. The Watershed Institute, California State University Monterey Bay, Publication No. WI-2017-01, 58 pp. <a href="http://ccows.csumb.edu/pubs/reports/CCoWS">http://ccows.csumb.edu/pubs/reports/CCoWS</a> CarmelRiverGeomorph2016 1703301.pdf
- Chow K, Fields J, Flores S, Hart K, Kleven A, Luna L, MacCarter L, and Smith D. 2016(a). San Clemente Dam Removal Sediment Impacts: Year One Report. Watershed Institute, California State University Monterey Bay, Publication No. WI-2016-10, 38 pp.
- Chow K., Luna L., Delforge A. and Smith D. 2016(b). 2015 Pre-San Clemente Dam Removal Morphological Monitoring of the Carmel River Channel in Monterey County, California. The Watershed Institute, California State University Monterey Bay, Publication No. WI-2016-01, 50 pp. <a href="http://ccows.csumb.edu/pubs/reports/CCoWS">http://ccows.csumb.edu/pubs/reports/CCoWS</a> CarmelRiverGeomorph2015 160128a.p <a href="http://ccows.csumb.edu/pubs/reports/">df</a>.
- Harrison, L.R., East, A.E., Smith, D.P., Logan, J.B., Bond, R., Nicol, C., Williams, T.H., Boughton, D.A., Chow, K. and Luna, L. 2018. River response to large-dam removal in a Mediterranean hydroclimatic setting: Carmel River, California, USA. In press Earth Surface Processes and Landforms.
- Leiker S. Delforge A. Geisler E. Smith D. 2014. Pre-San Clemente Dam Removal Morphological Monitoring of the Carmel River Channel in Monterey County, California. The Watershed Institute, California State University Monterey Bay, Publication No. WI-2014-07, 32 pp.

- MacCarter L, Fields J, Smith DP. 2017. Large Woody Debris on the Carmel River from the Dam Keeper's House to Carmel Lagoon, Fall 2016: Watershed Institute, California State University Monterey Bay, Publication No. WI-2017-03, 27 pp. http://ccows.csumb.edu/pubs/reports/CCoWS CarmelLWD 2016Report 170307a.pdf
- MacCarter, L., Fields, J., Smith, D.P. 2016. Large Woody Debris on the Carmel River from Camp Steffani to the Carmel Lagoon, Fall 2015: Watershed Institute, California State University Monterey Bay, Publication No. WI-2016-05, 25 pp. http://ccows.csumb.edu/pubs/reports/CCoWS CarmelLWD 2015Report 160228.pdf
- Steinmetz C. and Smith D. 2018a. 2017 Post-San Clemente Dam Removal Morphological Monitoring of the Carmel River Channel in Monterey County, California. The Watershed Institute, California State University Monterey Bay, Publication No. WI-2018-03, 51 pp. <a href="http://ccows.csumb.edu/pubs/reports/CCoWS">http://ccows.csumb.edu/pubs/reports/CCoWS</a> CarmelRiverGeomorph2017 180211.pd f
- Steinmetz, C. and Smith DP. 2018b. Large Woody Debris on the Carmel River from the Former Dam Keeper's House to Carmel Lagoon, Fall 2017: Watershed Institute, California State University Monterey Bay, Publication No. WI-2018-02, 27 pp. http://ccows.csumb.edu/pubs/reports/CCoWS CarmelLWD 2017Report 180211.pdf

Budget Items Requested	Year 1 Budget
A. Direct Costs:	
1. Salaries & Wages (professional & clerical employees, temporary and student support, etc.)	\$ 15,050
2. Fringe Benefits	\$ 1,370
3. Materials and Supplies	\$ 300
4. Other (telephone, subscriptions, service vehicle )	\$ 1,568
Total Direct Costs (add 1-10 above):	\$ 18,288.00
B. Indirect/Administrative Costs: 20%	\$ 3,658
TOTAL PROJECT FUNDS:	\$ 21,945

# 4. CONSIDER EXPENDITURES FOR PERMITTING OF A NEW CARMEL RIVER FISH COUNTING WEIR

Meeting Date: August 13, 2018 Budgeted: Yes

From: Dave Stoldt, Program/ Protect Environmental

General Manager Quality

**Line Item No.:** Program – Aquatic

**Resources Fisheries** 

Prepared By: Kevan Urquhart Cost Estimate: \$15,000

General Counsel Approval: N/A

Committee Recommendation: The Administrative Committee reviewed this item on

August 13, 2018 and recommended \_\_\_\_\_

CEQA Compliance: The primary project is Categorically Exempt under the California Environmental Quality Act Guidelines section 15306, and the remaining actions do not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.

**SUMMARY:** The District needs to take three actions to begin the permitting process required to install a new fish counting weir that will enumerate the full annual run size of Carmel River steelhead: 1) approve a Notice of Exemption (NOE) under the California Environmental Quality Act (CEQA); 2) approve an expenditure for the fee the California Department of Fish & Wildlife (CDFW) requires for a Lake & Streambed Alteration Agreement (LSAA) permit; and 3) approve a reimbursement agreement between Denise Duffy & Associates (DD&A) and the District to assist in acquiring other State and local permits or waivers.

**RECOMMENDATION:** The committee should recommend that the Board of Directors: (1) approve the CEQA NOE; (2) approve an expenditure of \$2,170.50 for the CDFW LSAA five—year permit fee; (3) authorize the General Manager to enter into an agreement with DD&A for a not-to-exceed amount of \$7,829.50 for assistance with permit acquisition; and (4) include a \$5,000 contingency for a total expenditure of \$15,000.

**BACKGROUND:** The District budgeted for a new fish-counting weir to be built in the winter of 2018-2019 at River Mile ~0.5. It will be placed between the banks of the Carmel River on property owned by the Carmel Area Wastewater District and the City of Carmel-by-the-Sea. It will be removed and reinstalled annually for up to a six month monitoring season from December – May. The design is a resistance board weir, attached with sand anchors to the substrate, where the center panels are hinged, allowing them to lay down and flatten out under high flows, so that debris can be pass over the structure. The weir includes a trap for adult steelhead on one bank.

The District originally maintained a DIDSON hydro-acoustic sound camera on loan from the CDFW for this purpose, upstream of this location, but the use of that device in the lower river has

been rendered ineffective by the large number of striped bass that now regularly move up and down the river, which cannot be distinguished from steelhead with existing hydro-acoustic technology.

Preliminary consultations with CDFW and National Marine Fisheries Service staff operating these types of weirs from Santa Cruz County to the Oregon border, and in the Sacramento Valley, suggest that other Counties and the State Coastal Commission (SCC) are not exerting permit jurisdiction over these kinds of seasonal temporary installations elsewhere, and we may simply have to notify the parties and request a waiver. CDFW's Central Region has indicated they will likely require a LSAA, which also requires the District to conduct CEQA compliance, and the Monterey County Water Resources Agency requires formal consultation on any structures placed in the Carmel River flood plain.

**ACTION #1:** The Board should approve a CEQA NOE, attached as **Exhibit 4-A**, since the action is Categorically Exempt under Title 14. Natural Resources; Division 6. Resources Agency; Chapter 3: Guidelines for Implementation of the California Environmental Quality Act: Article 19. Categorical Exemptions; Section 15306. Information collection [Section 21084, Public Resources Code] "consists of basic data collection, research, experimental management and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. These may be for strictly information gathering purposes, or as part of a study leading to an action which a public agency has not yet approved, adopted or funded".

**ACTION #2:** The Board should approve an expenditure of \$2,1750.50 to acquire a CDFW LSSA for the next five years of weir operations.

**ACTION #3:** The Board should authorize the General Manager to enter into an agreement with DD&A for a not-to-exceed amount of \$7,829.50 for assistance with permit acquisition. Attached as **Exhibit 4-A** is a proposed reimbursement agreement between Denise DD&A and the District. DD&A would be responsible for developing the County and SCC permitting of the weir, if either agency exerts jurisdiction, or acquiring documented waivers, if they do not. MPWMD would be the Lead Agency for California Environmental Quality Act compliance; acquire CDFW LSAA permits for the project; and supervise installation by a specialized biological consulting firm to be selected as a result of a future bid process.

**IMPACT TO STAFF/RESOURCES:** Funds for the permits and to retain the services of DD&A are in the FY 2018-2019 Fisheries Program Budget under account 24-04-785851 "2-3-4 Monitoring of Adult Steelhead Counts: C. Resistance Board Weir Construction (Permitting)" Staff time will also be needed to for CEQA and CDFW LSAA compliance, and to oversee the project.

# **EXHIBIT**

**4-A** Letter proposal from Denise Duffy & Associates



# Denise Duffy & Associates, Inc.

PLANNING AND ENVIRONMENTAL CONSULTING

July 18, 2018

Larry Hampson District Engineer Monterey Peninsula Water Management District 5 Harris Ct., Bldg. G Monterey, CA 93942

Subject: Permit Assistance for the Resistance Board Weir Project

Dear Mr. Hampson:

Denise Duffy & Associates, Inc. (DD&A) appreciates the opportunity to provide permitting assistance services for the Resistance Board Weir Project to the Monterey Peninsula Water Management District (MPWMD). DD&A will be retained to assist MPWMD in obtaining the necessary permit or an exemption from the California Coastal Commission and County of Monterey Grading Permit and floodplain development authorization.

If you have any questions, please do not hesitate to contact me at (831) 373-4341 ext. 25. We look forward to working with the District on this project.

Sincerely,

Josh Harwayne

Senior Project Manager

DENISE DUFFY & ASSOCIATES, INC.

### TASKS and OVERVIEW OF SCOPE

### Task 1. Project Initiation

This task includes coordination with the MPWMD to further define the scope and project path, identify data needs, confirm deliverables, and establish schedules and protocols for communication. DD&A will coordinate with the District to obtain all relevant project information, including the project description, site plans, aerial photographs, and other pertinent documentation. DD&A will review the project information to evaluate existing environmental conditions, data sets and plans as required for permit acquisition. This task also includes confirmation of required level of environmental review.

# Task 2. Communication and Coordination with Regulatory Agencies

DD&A will prepare a detailed list of application requirements early in the process so that the District has a clear definition of items needed for the permit processing. DD&A's approach to the permitting requirements is based on direct and recent experience, familiarity with regulatory agency staff and protocol, and successful completion of permit acquisition.

# Task 3. Preparation of Permit Application Packages

DD&A will prepare and submit permit applications to the California Coastal Commission and Monterey County.

# Task 4. Assistance with Processing Permits/Additional Permits

DD&A will coordinate with permitting agencies to address comments, data gaps, and concerns that arise during permit processing. Should additional permitting assistance be required, DD&A will complete assigned tasks for processing as requested.

### **BUDGET and SCHEDULE**

The tasks required to complete the documentation for the necessary permits will be billed on a Time and Materials (T&M) basis. Attached is DD&A 2018 Fee Schedule.

DD&A is available to initiate the work immediately upon receiving signed authorization from the District.



# Denise Duffy & Associates, Inc.

PLANNING AND ENVIRONMENTAL CONSULTING

# 2018 SCHEDULE OF RATES

### **HOURLY PERSONNEL RATES**

Principal	\$220.00
Senior Project Manager/Engineering Specialist	\$184.00
Senior Project Manager	\$158.00
Senior Botanist	\$147.00
Senior Planner/Scientist II	\$147.00
Project Manager	\$138.00
Senior Planner/Scientist	\$128.00
Assistant Project Manager	\$116.00
Environmental Biologist	\$110.00
Associate Planner/Scientist	\$105.00
Assistant Planner/Scientist	\$ 94.00
GIS/Computer Specialist	\$100.00
Administrative Manager	\$ 82.00
Database/Designer/Graphics	\$ 77.00
Field Technician	\$ 66.00
Administrative Assistant	\$ 61.00

Direct reimbursable expenses are charged at DD&A cost, plus 15%. These expenses may include, but are not limited to: subconsultants, reproduction, courier, postage, long-distance phone, fax and cellular, mileage and field supplies.

Mileage will be charged at the current IRS mileage rate.

Above rates are effective through 12/31/18 and may be adjusted thereafter.

# 5. SEMI-ANNUAL REPORT ON THE CAWD/PBCSD WASTEWATER RECLAMATION PROJECT

Meeting Date: August 13, 2018 Budgeted: N/A

From: David J. Stoldt, Program/ N/A

**General Manager** Line Item No.:

Prepared By: Suresh Prasad Cost Estimate: N/A

General Counsel Review: N/A

Committee Recommendation: The Administrative Committee reviewed this item on

August 13, 2018 and recommended \_\_\_\_\_\_.

**CEQA Compliance: N/A** 

This report relates to the original CAWD/PBCSD Wastewater Reclamation Project (Phase I) only and does not contain any information related to the CAWD/PBCSD Recycled Water Expansion Project (Phase II). On December 10, 1992, the Monterey Peninsula Water Management District (MPWMD or District) sold \$33,900,000 worth of variable rate certificates of participation to finance the wastewater reclamation project in Pebble Beach. The tables below summarize the investment information on funds held for future use, disbursements, and interest rate trends on the outstanding certificates for the period January 1, 2018 through June 30, 2018. During the first reporting period in 2006, the Wastewater Reclamation Project's (Project) Operations and Maintenance Reserve and Renewal and Replacement Reserve accounts were transferred to the Carmel Area Wastewater District in accordance with the Project's Amended Construction and Operations Agreement dated December 15, 2004. The Project's Operations and Maintenance account (Bank of America) and Certificate of Participation accounts (U.S. Bank) remain under the control of the District and will continue to be reported on this report and future reports.

# Par of 1992 Certificates

\$33,900,000

# Investments as of June 30, 2018:

<u>Description</u>	<u>Institution</u>	Market Value	Rate/Yield	<u>Term</u>
Interest Fund	U.S. Bank	\$329	0.00%	Daily
Certificate Payment Fund	U.S. Bank	\$796	0.00%	Daily
Acquisition/Rebate Funds	U.S. Bank	\$19	0.00%	Daily
Water Sales Revenue Acct.	Bank of America	\$11,598	0.03%	Daily

# **Operation and Maintenance Disbursements:**

MPWMD transferred advances in the amount of \$2,625,000 from the Water Sales Revenue Account to the Carmel Area Wastewater District during this reporting period. Advance payments are provided in accordance with the terms and conditions of Section 5.5 (a) of the Operation and Maintenance Agreement.

As provided in the Water Purchase Agreement, the obligation of the District to make disbursements is a special obligation of the District, payable solely from net operating revenues of the project, monies in the Revenue Fund, and other funds described in the Trust Agreement. In no event, will disbursements be payable out of any funds or properties of the District other than such sources.

# Principal and Interest on Certificates:

No principal payment was made by the Project during this reporting period. The outstanding balance on the Certificates is currently \$11,900,000.

The interest rate on the Series 1992 Certificates was set initially at 2.30 percent per annum until December 16, 1992. On that date and weekly thereafter, so long as the certificates are in the variable mode, the Remarketing Agent, Stone & Youngberg, determines the rate of interest. Interest rates for this reporting period fluctuated between 0.91% and 1.78%.

On June 7, 2000, the Reclamation Management Committee noted that the Capital Interest Fund, used for payment of monthly interest on the outstanding certificates, would soon be exhausted. The Committee discussed the use of water sales revenue to make future interest payments. On July 3, 2000, the Reclamation Technical Advisory Committee affirmed the use of water sales revenue for interest payments when excess funds are available.

Effective July 1, 2013, the Reclamation Project water rates have been delinked from the California American Water Company potable rates. The rates are now set based on revenue requirement for the Project.

### **EXHIBIT**

None

 $U: \\ Staff \\ Board\_Committees \\ Admin \\ 2018 \\ 20180813 \\ \\ 05 \\ Item-5.docx \\ 20180813 \\ \\ 20180810 \\ \\ 20180813 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 2018081 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 2018081 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 2018081 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 2018081 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 2018081 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 20180810 \\ \\ 2018081$ 

# 6. REVIEW FOURTH QUARTER LEGAL SERVICES ACTIVITY REPORT FOR FISCAL YEAR 2017-2018

Meeting Date: August 13, 2018 Budgeted: N/A

From: David J. Stoldt, Program/ N/A

**General Manager** Line Item No.:

Prepared By: Suresh Prasad Cost Estimate: N/A

General Counsel Review: N/A

Committee Recommendation: This is an informational item only.

CEQA Compliance: This action does not constitute a project as defined by the California

**Environmental Quality Act Guidelines Section 15378.** 

**SUMMARY:** The fourth quarter Legal Services Activity Report for Fiscal Year 2017-2018 is attached as **Exhibits 6-A** and **6-B**. The information presented are in a table and graph format and compares the actual fourth quarter activity and the year-to-date amount to the overall budget for legal services. The actual costs for the current reporting period were 83% of the total legal budget.

#### **EXHIBITS**

**6-A** Legal Services Costs Update Table

**6-B** Legal Expenses Analysis by Fiscal Year

U:\staff\Board\_Committees\Admin\2018\20180813\06\Item-6.docx

83%

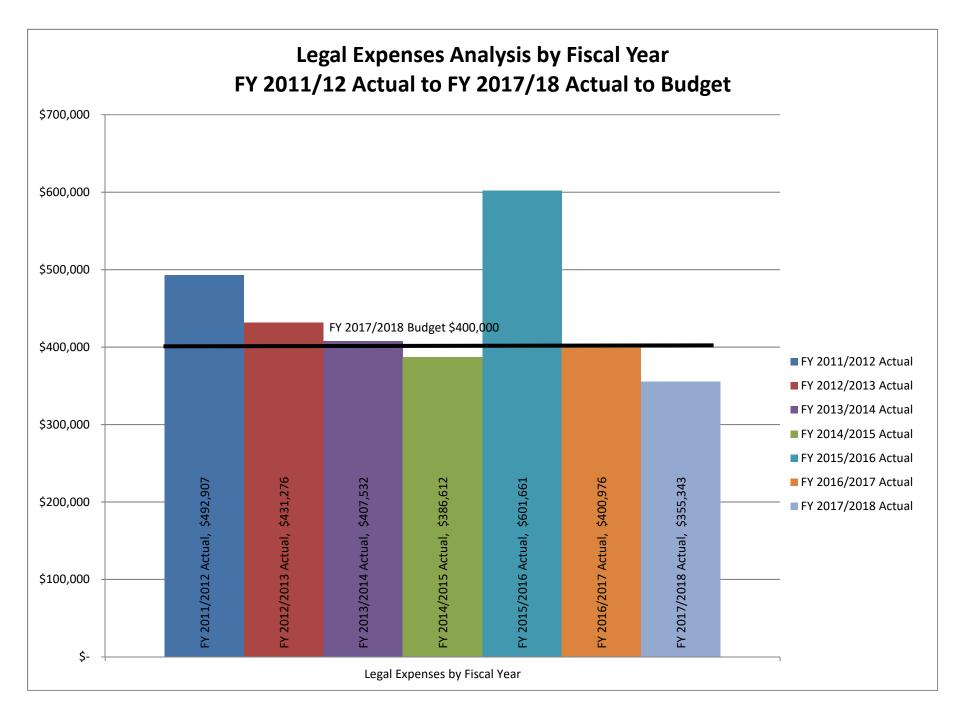
# **EXHIBIT 6-A**

## MONTEREY PENINSULA WATER MANAGEMENT DISTRICT LEGAL SERVICES COSTS UPDATE REPORT FOR QUARTER ENDED JUNE 30, 2018

			Quarterly Activity					
		Previous	April	May	June		FY 2017/2018	
File No.	Description	Balance	2018	2018	2018	Total	Budget	
Delay & Laredo								
WMD-001	Retained General Counsel Service	46,041.53	5,450.00	5,450.00	5,450.00	62,391.53		
WMD-002	Non-Retained General Counsel Service	1,739.00	-	-	1,833.00	3,572.00		
WMD-003	Special Legal Services	305.50	-	-	-	305.50		
WMD-003-01	Desal A.12-04-019	156,156.96	10,786.50	8,203.10	4,747.00	179,893.56		
WMD-003-02	CPUC A.04-09-019 (CWP/Regional Water Project)	-	-	-	-	-		
WMD-003-03	SCD - A.10-09-019	775.50	-	-	-	775.50		
WMD-003-05	218 Fee A.10-01-012	94.00	47.00	-	47.00	188.00		
WMD-003-06	SWRCB Proceedings	4,112.50	-	-	-	4,112.50		
WMD-003-07	CPUC Proceedings (General)	916.50	164.50	70.50	47.00	1,198.50		
WMD-003-09	Seaside Basin Watermaster	2,185.50	45.00	47.00	-	2,277.50		
WMD-003-10	Special Counsel Oversight	164.50	-	23.50	-	188.00		
WMD-003-11	MPWMD vs. SWRCB (CDO)	5,370.66	1,433.50	752.00	705.00	8,261.16		
WMD-003-13	Groundwater Replenishment (GWR) Project	70.50	-	-	-	70.50		
WMD-003-14	MPTA vs. MPWMD Case No. M123512	3,583.75	1,927.00	446.50	916.50	6,873.75		
WMD-003-18	CPUC A.15 - Modification of Rate Design and Water Ratior	8,154.50	587.50	1,128.00	94.00	9,964.00		
WMD-003-20	2016 GRC - A. 16-07-002	6,351.66	775.50	1,410.00	94.00	8,631.16		
WMD-003-21	Cost of Capital Application A.17-04-003	2,874.00	23.50	22.50	141.00	3,061.00		
WMD-003-22	Cal-Am vs MPWMD, SWRCB	-	-	772.50	70.50	843.00		
WMD-004	Bond, Audit or Financial Matters - Special Legal Services	352.50	-	-	_	352.50		
WMD-005	3rd Party Reimbursement - Special Legal Services	-	-	-	-	-		
WMD-005-01	Water Demand Permits/Deed Review	6,970.75	1,128.00	517.00	1,833.00	10,448.75		
WMD-005-02	Reclamation Matters	-	-	-	-	-		
WMD-005-03	WDS Permits and Water Rights Review	6,345.00	869.50	-	329.00	7,543.50		
WMD-005-04	ASR	2,256.00	117.50	-	-	2,373.50		
WMD-005-05	Public Records Request	4,324.00	470.00	70.50	-	4,864.50		
WMD-005-06	Successor Agency v. Cohen Case No. 34-2016-80002403	459.00	47.00	799.00	-	1,305.00		
	Sub-total (Delay & Laredo)	259,603.81	23,872.00	19,712.10	16,307.00	319,494.91		
Goodin, MacBrid	de, Squeri, Day & Lamprey, LLP							
3465-001	PUC Proceeding	-	-	-	-	-		
Colantuono, Hig	hsmith & Whatley, PC							
	Prop 218 Advice	22,456.26	2,343.25	8,426.00	2,622.70	35,848.21		
	Total	\$ 282,060.07	\$ 26,215.25 \$	28,138.10 \$	18,929.70	\$ 355,343.12	\$400,000.00 <sup>[1]</sup>	

[1] Budget column includes legal budget of \$400,000.

**EXHIBIT 6-B** 27



This meeting has been noticed according to the Brown Act rules. The Board of Directors meets regularly on the third Monday of each month, except in January, February. The meetings begin at 7:00 PM.



DRAFT AGENDA (Current 8/7/18) **Regular Meeting Board of Directors Monterey Peninsula Water Management District** \*\*\*\*\*\*\*\*\*\*

> Monday, August 20, 2018 5:30 pm Closed Session

2999 Monterey Salinas Highway, Monterey, CA 93940

7:00 pm Regular Meeting

Conference Room, Monterey Peninsula Water Management District 5 Harris Court, Building G, Monterey, CA

Staff notes will be available on the District web site at http://www.mpwmd.net/who-we-are/board-of-directors/bod-meeting-agendas-calendar/ by 5 PM on Friday, August 17, 2018

The meeting will be televised on Comcast Channels 25 & 28. Refer to broadcast schedule on page 3.

### 5:30 PM – Closed Session

As permitted by Government Code Section 54956 et seq., the Board may adjourn to closed or executive session to consider specific matters dealing with pending or threatened litigation, certain personnel matters, or certain property acquisition matters.

- 1. Public Comment - Members of the public may address the Board on the item or items listed on the Closed Session agenda.
- **Adjourn to Closed Session** 2.
- 3. Public Employee Performance Evaluation (Gov. Code 54957) – General Manager
- 4. Conference with Legal Counsel – Existing Litigation (Gov Code 54956.9 (a)) Application of California American Water to CPUC (No. 12-04-019) - Monterey Peninsula Water Supply Project
- 5. Adjourn to 7 pm Session

### 7:00 PM – Regular Meeting

### CALL TO ORDER/ROLL CALL

#### PLEDGE OF ALLEGIANCE

### **Board of Directors**

Andrew Clarke, Chair – Division 2 Ralph Rubio, Vice Chair - Mayoral Representative Brenda Lewis - Division 1 Molly Evans - Division 3 Jeanne Byrne – Division 4 Robert S. Brower, Sr. - Division 5 Mary Adams, Monterey County Board of Supervisors Representative

> General Manager David J. Stoldt

This agenda was posted at the District office at 5 Harris Court, Bldg. G \_. Staff reports regarding these agenda items Monterey on will be available for public review on \_\_\_\_\_\_, at the District office and at the Carmel, Carmel Valley, Monterey, Pacific Grove and Seaside libraries. After staff reports have been distributed, if additional documents are produced by the District and provided to a majority of the Board regarding any item on the agenda, they will be available at the District office during normal business hours, and posted on the District website at www.mpwmd.net/who-we-are/board-of-directors/bod-meeting-agendascalendar/. Documents distributed at the meeting will be made available in the same manner. The next regular meeting of the Board of Directors is scheduled for September 17, 2018 at 7 pm.

**ADDITIONS AND CORRECTIONS TO AGENDA** - The Clerk of the Board will announce agenda corrections and proposed additions, which may be acted on by the Board as provided in Sections 54954.2 of the California Government Code.

**ORAL COMMUNICATIONS** - Anyone wishing to address the Board on Consent Calendar, Information Items, Closed Session items, or matters not listed on the agenda may do so only during Oral Communications. Please limit your comment to three (3) minutes. The public may comment on all other items at the time they are presented to the Board.

**CONSENT CALENDAR:** The Consent Calendar consists of routine items for which staff has prepared a recommendation. Approval of the Consent Calendar ratifies the staff recommendation. Consent Calendar items may be pulled for separate consideration at the request of a member of the public, or a member of the Board. Following adoption of the remaining Consent Calendar items, staff will give a brief presentation on the pulled item. Members of the public are requested to limit individual comment on pulled Consent Items to three (3) minutes. Unless noted with double asterisks "\*\*", Consent Calendar items do not constitute a project as defined by CEQA Guidelines section 15378.

- 1. Consider Adoption of Minutes of the July 16, 2018 Regular Board Meetings
- 2. \*\*Consider Expenditure to Contract with the California Conservation Corps for Fall 2018

  Vegetation Management and to Remove Concrete at Rancho Canada (*No CEQA action required per CEQA Guidelines Section 15168 Program EIR*)
- 3. \*\*Consider Expenditure to Contract for Completion of Annual Carmel River Survey (*Exempt from CEQA Section 15306*)
- 4. \*\*Consider Expenditures for Permitting of a New Carmel River Fish Counting Weir (*Exempt under CEQA Guidelines section 15306 and 15378*)
- 5. \*\*Consider Approval of 2018 Annual Memorandum of Agreement for Releases from Los Padres Reservoir among California American Water, California Department of Fish and Wildlife, and Monterey Peninsula Water Management District (Exempt from environmental review per SWRCB Order Nos. 95-10, 98-04, 2002-0002 and 2016-0016, and Section 15268 of the California Environmental Quality Act (CEQA) Guidelines, as a ministerial project; Exempt from Section 15307, Actions by Regulatory Agencies for Protection of Natural Resources.)
- 6. Consider Adoption of Treasurer's Report for June 2018

### EMPLOYEE RECOGNITION

- 7. Mark Bekker upon retirement after 33 years of service to the District
- 8. Debbie Martin upon retirement after 18 years of service to the District
- 9. Stephanie Kister Campbell 10 years with the District
- 10. Sara Reyes 20 years with the District
- 11. Stephanie Locke 30 years with the District

### GENERAL MANAGER'S REPORT

12. Status Report on California American Water Compliance with State Water Resources Control Board Order 2016-0016 and Seaside Groundwater Basin Adjudication Decision

### ATTORNEY'S REPORT

13. Report on 5:30 pm Closed Session of the Board

# DIRECTORS' REPORTS (INCLUDING AB 1234 REPORTS ON TRIPS, CONFERENCE ATTENDANCE AND MEETINGS)

14. Oral Reports on Activities of County, Cities, Other Agencies/Committees/Associations

**PUBLIC HEARINGS** – Public comment will be received on each of these items. Please limit your comment to three (3) minutes per item.

15. Second Reading and Adoption of Ordinance No. 179 – Clarifying Rules Related to the Rebate Program, Permits, and Water Waste (CEQA: Exempt pursuant to CEQA Guidelines Section 15301)



Action: The Board will conduct a second reading and consider adoption of Draft Ordinance No. 179 that amends the Rebate Program to support the District's High Efficiency Applied Retrofit Targets (HEART) effort. HEART is focused on provided free or low-cost installations of water saving fixtures in disadvantaged communities.

**ACTION ITEMS** – No Action Items were submitted for Board consideration.

**INFORMATIONAL ITEMS/STAFF REPORTS** - The public may address the Board on Information Items and Staff Reports during the Oral Communications portion of the meeting. Please limit your comments to three minutes.

- 16. Letters Received
- 17. Committee Reports
- 18. Monthly Allocation Report
- 19. Water Conservation Program Report
- 20. Carmel River Fishery Report
- 21. Semi-Annual Financial Report on the CAWD/PBCSD Wastewater Reclamation Project
- 22. Monthly Water Supply and California American Water Production Report

#### ADJOURNMENT

Board Meeting Broadcast Schedule – Comcast Channels 25 & 28				
View Live Webcast at Ampmedia.org				
Ch. 25, Mondays, 7 PM	Monterey, Del Rey Oaks, Pacific Grove, Sand City, Seaside			
Ch. 25, Mondays, 7 PM	Carmel, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove,			
	Pebble Beach, Sand City, Seaside			
Ch. 28, Mondays, 7 PM	Carmel, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove,			
	Pebble Beach, Sand City, Seaside			
Ch. 28, Fridays, 9 AM	Carmel, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove,			
Pebble Beach, Sand City, Seaside				

Upcoming Board Meetings					
Monday, September 17, 2018	Regular Board Meeting	7:00 pm	District conference room		
Monday, October 15, 2018	Regular Board Meeting	7:00 pm	District conference room		
Monday, November19, 2018	Regular Board Meeting	7:00 pm	District conference room		

Upon request, MPWMD will make a reasonable effort to provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. MPWMD will also make a reasonable effort to provide translation services upon request. Please submit a written request, including your name, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service by 5:00 PM on Thursday, August 16, 2018. Requests should be sent to the Board Secretary, MPWMD, P.O. Box 85, Monterey, CA, 93942. You may also fax your request to the Administrative Services Division at 831-644-9560, or call 831-658-5600.



U:\staff\Board Committees\Admin\2018\20180813\07\Item-7.docx

