

MINUTES
REGULAR MEETING OF THE BOARD OF WATER COMMISSIONERS
LONG BEACH, CALIFORNIA
MAY 16, 2019

The Board of Water Commissioners of the City of Long Beach met in the Board Room at the Administration Building, 1800 E. Wardlow Road, Long Beach, California, on May 16, 2019.

The meeting was called to order at 9:01 a.m. by President Cordero.

PRESENT:

Gloria Cordero	Commissioner	Robert Verceles	Manager, Engineering
Harry Saltzgaver	Commissioner	Abelardo Rendon	Manager, Engineering
Frank Martinez	Commissioner	Kaylee Weatherly	Public Information Officer
Robert Shannon	Commissioner		
Richard Anthony	Deputy City Attorney	Greg Sorensen	Manager of Budget and Rates
Christopher J. Garner	General Manager		
Sandra L. Fox	Executive Assistant to the Board of Water Commissioners	Dean Wang	Manager, Water Resources
		Mike Salas	Superintendent of Water Construction
B. Anatole Falagan	Assistant General Manager		
		Dynna Long	Office Administrator
Lisa Squires	Executive Assistant to the General Manager	Patrizia Hall	Manager, Engineering Construction Services
		Chris Pincherli	Officer
Paul T. Fujita	Director of Finance	George Wong	Business Systems Specialist
Tai Tseng	Assistant General Manager – Operations	Hannah Harper	Conservation Intern
Sean Crumby	Deputy General Manager – Engineering		
Lourdes Vargas	Director of Water, Sewer & Field Operations		

ABSENT:

Arthur Levine	Commissioner (EXCUSED)
Jennifer Rojas	Superintendent Sewer Operations
Robert Katzenberger	Superintendent Water Services
Ken Bott	Manager, Administration
Liza Gutierrez	Manager, Support Services
Cynthia Andrews-Tate	Water Laboratory Manager
Monya Hawkins	Manager, Information Services
Doug McKee	Treatment Operations Superintendent

1. PLEDGE OF ALLEGIANCE

Hannah Harper led the Board and audience in the Pledge of Allegiance.

2. PUBLIC COMMENT

President Cordero opened the public comment period.

As there was no public comment, the public comment period was closed.

3. APPROVAL OF MINUTES – FEBRUARY 21, 2019

- **Gloria Cordero, President, Board of Water Commissioners**

President Cordero called for a motion to approve the minutes.

Commissioner Martinez made a motion to approve the February 21, 2019 Board meeting minutes. Commissioner Shannon seconded the motion.

President Cordero called for the vote. The motion carried with a 4 yes, 1 absent (Levine) vote.

4. PRESIDENT'S REPORT

- **Gloria Cordero, President, Board of Water Commissioners**

President Cordero congratulated Commissioner Saltzgaver for recently being honored with the Lifetime Service Award from the Lifetime Learning Center. He received a round of applause from the Board and the audience.

President Cordero reminded the Board that the Lawn-to-Garden Tour and Festival would be held on June 1st.

She reported that she has the opportunity to again host another Metropolitan Water District inspection trip to the agriculture region, Hoover Dam and California aqueduct on September 20 – September 22, 2019.

She reminded the Board that there was a Water Resources Plan workshop being held on May 23, 2019 in the Board room from 1:00 P.M. – 4:00 P.M.

She also reminded the Board that the May 30, 2019 Board meeting would begin at 8:30 A.M., rather than 9:00 A.M.

President Cordero spoke about the recent ACWA Conference held in Monterey, CA. She called on Commissioner Martinez who provided background on the conference that he attended. He commented on the panel regarding social media that Ms. Weatherly had chaired.

He also provided background information regarding the panel held regarding the Water Trust Fund that was chaired by Mr. Escoval, Chair of the State Water Resources Board. He advised one sector omitted from this discussion had been the Native Indian community representatives. He suggested that President Cordero could work with her MWD colleagues regarding this issue.

5. GENERAL MANAGER'S REPORT

- **Christopher J. Garner, General Manager**

President Cordero called on Mr. Garner for his report.

RECOGNITION OF ROBERT VERCELES GRADUATION FROM EXECUTIVE LEADERSHIP LONG BEACH

Mr. Garner announced that Mr. Verceles had just graduated from the Executive Leadership Program. Mr. Verceles received a round of applause from the Board and the audience.

REPORT ON JD POWER SURVEY

Mr. Garner reported on the results of the recent JD Power Survey for residential water systems throughout the nation. He noted that the Long Beach Water Department had placed 7th in agencies in the Western United States. He advised the survey covers the following factors: 1) Delivery; 2) Price; 3) Conservation; 4) Billing and payments; 5) Communications and 6) Customer Service.

FEDERAL AND STATE QUARTERLY LEGISLATIVE REPORTS

Mr. Garner reminded the Board to look in their cubby folders for the recent quarterly legislative reports for both Federal and State.

Ms. Carolyn Burns (a member of the public) commented on the General Manager's Report. She commented on the recent report that had been released that reported that some California water agencies might be serving water that contains cancer causing constituents. She noted there had been a lot of sharing of this report on social media (particularly the Next Door forums). She asked if LBWD would be responding to this report. President Cordero thanked her for bringing this to the attention of the Water department.

6. REVIEW BOARD MEETING SCHEDULE FOR JUNE 2019

- **Gloria Cordero, President, Board of Water Commissioners**

The Board agreed on the following June meeting schedule:

June 13, 2019 – Special Board Meeting – 8:30 A.M. start time

June 27, 2019 – Regular Board Meeting – 9:00 A.M.

7. UNFINISHED BUSINESS – ITEM CARRIED OVER FROM MAY 2, 2019 BOARD MEETING

Authorize the General Manager to engage the opinion research firm of Fairbank, Maslin, Maulin, Metz & Associates (FM3) to conduct a professional survey to examine public opinions toward consolidating Long Beach's water and gas utilities at an amount not to exceed \$50,000

- **Christopher J. Garner, General Manager**

President Cordero introduced agenda item 6. and called on Commissioner Saltzgaver for comments.

Commissioner Saltzgaver advised he would be making a substitute motion regarding this matter but would first be making some comments.

He thanked Commissioner Shannon for slowing down the process which allowed for additional time to review the process. He advised that instead of using a poll, that a customer survey should be developed. He noted that the department had never conducted a customer satisfaction survey.

He advised he is looking for responses from the customer that would cover other areas than just the possibility of a utility merger. He suggested the questions should include questions about what the customers need from the Water department; what the department is doing right and what the department is doing wrong. He advised he was not opposed to a question about the possible merger being included in the survey.

Commissioner Saltzgaver made a motion to direct staff to explore how to best conduct a customer survey, and that staff research what companies might be available that can conduct such a survey. Commissioner Shannon seconded the motion.

Mr. Anthony requested clarification regarding the motion. He asked did Commissioner Saltzgaver also want to include language that would decline the contract with the research firm (FM3). Commissioner Saltzgaver responded absolutely.

President Cordero called for any other comments. Hearing none she called for public comment.

Mr. Ian Patton spoke. The City Attorney answered several of his questions.

Mr. Patton also played a soundbite from the previous meeting made by Mr. Fairbank.

Ms. Carolyn Burns also commented on this matter.

Mr. Ronan spoke.

Ms. Carol Ailey spoke.

Mr. Juan Ovalle spoke.

President Cordero closed the public comment period.

At this point in the meeting Commissioner Saltzgaver advised he would like to reiterate the motion that the Board would be voting on as follows:

Commissioner Saltzgaver made a motion to decline the contract with the research firm of Fairbank, Maslin, Maulin, Metz & Associates (FM3), and to direct staff to explore how to best conduct a customer survey and look for reputable companies that can conduct such a survey.

Commissioner Shannon advised he supports that motion. He suggested that staff consider handling the survey in-house; keeping it in-house and keep the City Attorney involved from the inception so the Board doesn't go astray. He further advised that he believes the department has in-house expertise to formulate a survey.

Commissioner Martinez thanked the public for their participation in the meeting.

President Cordero made closing comments regarding the agenda item.

President Cordero called for the vote on the motion on the floor. The motion carried with a 4 yes, 1 absent (Levine) vote.

8. **ADOPT SPECIFICATION WD-24-19 AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE AN AGREEMENT WITH S & J SUPPLY COMPANY, INC. TO FURNISH AND DELIVER DUCTILE IRON PIPE, FITTINGS FOR DUCTILE IRON PIPE, AND RELATED MATERIALS TO THE LONG BEACH WATER DEPARTMENT (LBWD) IN AN AMOUNT NOT TO EXCEED \$1,050,000 FOR A ONE-YEAR PERIOD, AND TO EXERCISE THE OPTIONS TO RENEW FOR TWO ADDITIONAL ONE-YEAR PERIODS FOR AN AMOUNT NOT TO EXCEED 8% FOR EACH RENEWAL PERIOD**

- **Tai Tseng, Assistant General Manager - Operations**

Mr. Tseng provided a summary report regarding agenda item 8.

Commissioner Shannon made a motion to adopt Specification WD-24-19 and authorize the General Manager to execute an agreement with S & J Supply Company, Inc. to furnish and deliver ductile iron pipe, fittings for ductile iron pipe, and related materials to the Long Beach Water Department (LBWD) in an amount not to exceed \$1,050,000 for a one-year period, and to exercise the options to renew for two additional one-year periods for an amount not to exceed 8% for each renewal period. Commissioner Martinez seconded the motion.

President Cordero called for any Commissioner comments.

Commissioner Saltzgaver inquired how the current tariff situation on materials might affect this contract.

Mr. Tseng responded.

President Cordero called for any public comment. Hearing none she called for the vote.

The motion carried with a 4 yes, 1 absent (Levine) vote.

9. **ADOPT SPECIFICATIONS WD-23-17 FOR THE CATHODIC PROTECTION IMPROVEMENT OF WATER AND RECYCLED WATER SYSTEMS PROJECT – PHASE 4 (EO-3402) AND AUTHORIZE THE GENERAL MANAGER TO SIGN A CONSTRUCTION CONTRACT WITH FARWEST CORROSION CONTROL COMPANY, IN THE AMOUNT OF \$359,868.00**

- **Sean Crumby, P.E., Deputy General Manager**

Mr. Crumby provided a staff report regarding agenda item 9. and described the scope of services related to this contract.

Commissioner Saltzgaver made a motion to adopt Specifications WD-23-17 for the Cathodic Protection Improvement of Water and Recycled Water Systems Project – Phase 4 (EO-3402) and Authorize the General Manager to Sign a Construction Contract with Farwest Corrosion Control Company, in the Amount of \$359,868.00. Commissioner Shannon seconded the motion.

President Cordero inquired what district this project was located. Mr. Crumby responded that job locations were throughout the city.

President Cordero called for any Commissioner comments. She then called for any public comment. Hearing none she called for the vote.

The motion carried with a 4 yes, 1 absent (Levine) vote.

Note: Commissioner Shannon left the meeting at 9:38 a.m.

10. **ADOPT RESOLUTION NO. WD-1412 AUTHORIZING THE GENERAL MANAGER TO SIGN AND FILE ALL NECESSARY DOCUMENTATION TO ACCEPT THE CALIFORNIA COASTAL CONSERVANCY CLIMATE READY ROUND 5 GRANT FOR \$236,388 AND MATCH THE GRANT FUNDING TO IMPLEMENT THE DIRECT INSTALL GARDEN (DIG) TWO-YEAR PILOT PROGRAM FOR A TOTAL BUDGET OF \$472,776**

- **Dean Wang, Water Resources Manager**

Mr. Wang provided introductory comments regarding the grant funding request.

He then called on Ms. Harper who provided a detailed staff report and presentation regarding this request.

Note: Commissioner Shannon returned to the meeting at 9:40 a.m.

Commissioner Saltzgaver made a motion to adopt Resolution No. WD-1412 authorizing the General Manager to sign and file all necessary documentation to accept the California Coastal Conservancy Climate Ready Round 5 Grant for \$236,388 and match the grant funding to implement the Direct Install Garden (DIG) two-year pilot program for a total budget of \$472,776. Commissioner Martinez seconded the motion.

President Cordero called for any Commissioner comments. She then called for any public comment. Hearing none she called for a Roll Call vote.

A Roll Call vote was taken as follows:

AYES:	COMMISSIONERS:	<u>HARRY SALTZGAVER;</u>
		<u>FRANK MARTINEZ;</u>
		<u>ROBERT SHANNON;</u>
		<u>GLORIA CORDERO</u>
NOES:	COMMISSIONERS:	<u>NONE</u>
ABSENT:	COMMISSIONERS:	<u>ART LEVINE</u>
ABSTAIN:	COMMISSIONERS:	<u>NONE</u>

The motion carried with a 4 yes, 1 absent (Levine) vote.

Note: Commissioner Saltzgaver left the meeting at 9:44 a.m.

Note: Commissioner Saltzgaver returned to the meeting at 9:45 a.m.

11. AUTHORIZE THE GENERAL MANAGER TO ENTER INTO AN AGREEMENT WITH THE HISTORICAL SOCIETY OF LONG BEACH FOR AN AMOUNT OF \$15,000, FOR A PARTNERSHIP FOR THE "WATER CHANGES EVERYTHING" EDUCATION PROGRAM

- Kaylee Weatherly, Public Information Officer

Ms. Weatherly provided a staff report and a presentation regarding agenda item 11.

Commissioner Shannon made a motion to authorize the General Manager to enter into an Agreement with the Historical Society of Long Beach for an amount of \$15,000, for a partnership for the "Water Changes Everything" Education Program. Commissioner Saltzgaver seconded the motion.

Commissioner Martinez thanked Ms. Weatherly, President Cordero and Julie Bartolotto regarding their efforts in seeing this partnership finalized.

Commissioner Saltzgaver also commented on this project.

President Cordero made final comments regarding the project and thanked the Historical Society for their assistance in seeing this project completed. She advised she would like to see neighborhood groups invited to view the exhibit and participate in the educational component of the project.

President Cordero called for any public comment. Hearing none she called for the vote.

The motion carried with a 4 yes, 1 absent (Levine) vote.

12. AUTHORIZE THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER WITH CIRCLEPOINT FOR AN AMOUNT NOT TO EXCEED \$125,000, FOR COMMUNICATIONS AND GRAPHIC DESIGN SERVICES FOR ONE YEAR WITH THE OPTION TO RENEW THREE ADDITIONAL ONE (1) YEAR PERIODS AT THE SAME ANNUAL RATE

- Kaylee Weatherly, Public Information Officer

13. AUTHORIZE THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER WITH TLG MARKETING FOR AN AMOUNT NOT TO EXCEED \$50,000, FOR DIGITAL PLATFORMS MAINTENANCE AND SUPPORT SERVICES FOR ONE YEAR WITH THE OPTION TO RENEW THREE ADDITIONAL ONE (1) YEAR PERIODS AT THE SAME ANNUAL RATE

- Kaylee Weatherly, Public Information Officer

14. **AUTHORIZE THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER WITH JPW COMMUNICATIONS FOR AN AMOUNT NOT TO EXCEED \$50,000, FOR STRATEGIC COMMUNICATIONS SERVICES FOR ONE YEAR WITH THE OPTION TO RENEW THREE ADDITIONAL ONE (1) YEAR PERIODS AT THE SAME ANNUAL RATE**
 - Kaylee Weatherly, Public Information Officer
15. **AUTHORIZE THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER WITH DEGRAVE COMMUNICATIONS, INC. FOR AN AMOUNT NOT TO EXCEED \$30,000, FOR CREATIVE CONTENT DEVELOPMENT AND BILINGUAL MARKETING SERVICES FOR ONE YEAR WITH THE OPTION TO RENEW THREE ADDITIONAL ONE (1) YEAR PERIODS AT THE SAME ANNUAL RATE**
 - Kaylee Weatherly, Public Information Officer
16. **AUTHORIZE THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER WITH WE THE CREATIVE FOR AN AMOUNT NOT TO EXCEED \$30,000, FOR GRAPHIC DESIGN SERVICES FOR ONE YEAR WITH THE OPTION TO RENEW THREE ADDITIONAL ONE (1) YEAR PERIODS AT THE SAME ANNUAL RATE**
 - Kaylee Weatherly, Public Information Officer

Ms. Weatherly provided a staff report and presentation for agenda items 12. – 16.

President Cordero called for any Commissioner comments.

Commissioner Shannon requested that Ms. Weatherly compare the new contract amounts with the prior contracts for the same services.

Ms. Weatherly, and Mr. Falagan responded.

Commissioner Shannon inquired if one vote could be made for items 12. – 16.

Mr. Anthony advised they could all be voted on with one vote.

Commissioner Shannon made a motion that items 12. – 16. be approved, with the understanding that staff bring a status report back to the Board in one year regarding these contracts. Commissioner Saltzgaver seconded the motion.

President Cordero called for any further Commissioner comments. She then called for any public comment.

Commissioner Saltzgaver advised staff that for these types of contracts, they should understand that the Board will always want a follow-up report.

Ms. Weatherly advised that the renewal contracts always come back to the Board, so she will be sure to add a summary report to those renewals.

President Cordero called for the vote on the motion.

The motion carried with a 4 yes, 1 absent (Levine) vote.

17. UPDATE ON RFP FOR EDUCATION PROGRAM

- **Kaylee Weatherly, Public Information Officer**

Ms. Weatherly provided a report and presentation regarding the LBWD Education Program.

She reviewed the internal and external challenges that impacted the effectiveness of the past education program.

She advised that staff was recommending the development of a unified Long Beach Utility Services education program that focuses on sustainable futures (partnership between Long Beach Water, Energy Resources and Refuse (Public Works)). She advised this type of partnership would strengthen the students' awareness of environmental and life-long habits (water efficiency, energy efficiency and waste reduction).

Ms. Weatherly then reviewed the components of the RFP for the Environmental Education Program that included the following:

- Firm(s) will be awarded a one-year contract with the option to renew three additional years
 - More than one firm may be selected to fulfill requirements
- Scope of services will include marketing, scheduling, design, implementation and evaluation
- Contract will be managed by the Long Beach Water Department
- Contract agreement and terms will be approved by the Board of Water Commissioners.

She then reviewed the partnership comments as follows:

- Long Beach Water Department - \$50,000
- Energy Resources - \$50,000
- Refuse (Public Works) - \$50,000

Ms. Weatherly then reviewed the department's Education Programs budget for FY 19 and FY 20.

She summarized the Education Program goals and advised the Board that staff was seeking the Board's input on the following:

- Establish a partnership with Energy Resources and Refuse to develop a "sustainable city" education program
- RFP aligns with goals of Education Master Plan and statewide/City directions
- Provides opportunity for efficiency with content, challenges and budget

She advised staff would return to the Board for contract approval during the end of June timeframe.

President Cordero called for any Commissioner comments.

Commissioners Martinez; Saltzgaver and Shannon made comments regarding the proposed Education Program strategy.

Mr. Falagan responded to questions regarding the department's past education budget and expenditures.

Commissioner Shannon inquired about the one-year funding commitment from Energy Resources and Refuse and asked if that might be extended.

Ms. Weatherly advised after one year an evaluation would be made, and discussions would occur regarding additional funding based on that evaluation.

President Cordero made closing comments regarding this issue.

Mr. Falagan thanked Ms. Weatherly for her efforts regarding this program.

18. PLA PROGRAM UPDATE

- **Chris Pincherli, Construction Services Officer**

Note: Commissioner Martinez left the meeting at 10:28 a.m. and advised he would not return.

Mr. Crumby made introductory comments and introduced Mr. Pincherli.

Mr. Pincherli provided an update on the LBWD PLA. He also reviewed future PLA projects for LBWD.

He advised the next step for the PLA would be to procure an On-Call contract for professional services for Labor Compliance and PLA Administration for all future PLA projects.

President Cordero called for any Commissioner comments. She then called for any public comment. Hearing none she moved on in the agenda.

19. REPORT OF THE METROPOLITAN WATER DISTRICT (MWD) BOARD MEETING ON MAY 14, 2019

- **Gloria Cordero, Metropolitan Water District Director**

President Cordero provided a report of the May 14, 2019 MWD Board meeting as follows:

- MWD Solar Cup competition takes place May 17 – May 19, 2019 at Lake Skinner. She noted that students from Long Beach McBride and Cabrillo schools would be participating in the competition. She thanked Ms. Dani Krick for her years of attendance and coordination for the department at this event.
- She distributed a copy of a letter from Senator Feinstein to Governor Newsom regarding her support for a single tunnel project.
- She reported on a presentation that MWD had made for the various agencies who had participated in the MWD plot conservation program regarding replacing toilets with water-saving devices in the various cities. It was noted that Long Beach had replaced 667 toilets under this program. She thanked Mr. Falagan and the Water Resources group for their work with this program.

Commissioner Saltzgaver asked President Cordero if MWD had provided any updates on the timeline for an updated EIR for the single tunnel project.

President Cordero advised that MWD Directors had not been given any recent updates on that project. She advised the Board that she would keep them updated on this issue as she receives information regarding this project.

20. Consider Standing Committee Referrals

- **Gloria Cordero, President, Board of Water Commissioners**

President Cordero called for any Standing Committee referrals.

There were none.

21. NEW BUSINESS

President Cordero called for any new business.

Commissioner Saltzgaver made a motion to excuse Commissioner Levine from the May 16, 2019 Board meeting. Commissioner Shannon seconded that motion.

President Cordero called for the vote. The motion carried with a three yes, 2 absent (Levine, Martinez) vote.

President Cordero commented on the "A Long Walk to Water" book by author, Linda Sue Park.

22. ADJOURNMENT

There being no further business to come before the Board, President Cordero adjourned the regular meeting at 10:34 a.m. to the next special meeting for the Water Commission to be held May 30, 2019 at 8:30 a.m., in the Board Room of the Administration Building, 1800 E. Wardlow Road, in Long Beach, California.

Frank Martinez, Secretary

Attest:

Gloria Cordero, President

MINUTES
BOARD OF WATER COMMISSIONERS
SPECIAL MEETING OF MAY 23, 2019
WATER RESOURCES PLAN WORKSHOP
LONG BEACH WATER DEPARTMENT ADMINISTRATION BUILDING
1800 E. WARDLOW ROAD
LONG BEACH, CA

The Board of Water Commissioners held a Water Resources Plan Workshop at the Long Beach Water Department Administration Building, 1800 E Wardlow Road, Long Beach, California, on May 23, 2019.

The meeting was called to order at 1:03 p.m. by President Cordero.

PRESENT:

Gloria Cordero	Commissioner
Harry Saltzgaver	Commissioner
Frank Martinez	Commissioner
Arthur Levine	Commissioner
Robert Shannon	Commissioner
Christopher J. Garner	General Manager
B. Anatole Falagan	Assistant General Manager
Tai Tseng	Assistant General Manager - Operations
Sandra Fox	Executive Assistant to the Board
Lisa Squires	Executive Assistant to the General Manager
Sean Crumby	Deputy General Manager – Engineering
Dean Wang	Manager Water Resources
Robert Verceles	Manager, Engineering
Doug McKee	Treatment Operations Superintendent
Kaylee Weatherly	Public Information Officer
George Wong	Business Systems Specialist
Dave Ebersold	CDM Smith
Dan Rodrigo	CDM Smith

1. WELCOME REMARKS

Welcome remarks were made by President Cordero

Opening remarks were made by Mr. Falagan.

2. PUBLIC COMMENT

President Cordero called for any public comment. Hearing none she moved on in the agenda.

3. OPENING COMMENTS

- **Dave Ebersold, CDM Smith**

Mr. Ebersold made opening comments regarding the Workshop and outlined the agenda for the Workshop as follows:

- Water Resources Plan Process
- Stakeholder Involvement
- Water Needs Assessment
- 15 Minute Break
- Local Water Project Options
- Evaluation Criteria
- Next Steps

4. OPENING REMARKS

- **Christopher J. Garner, General Manager**

Mr. Garner requested that Mr. Ebersold provide introductory comments regarding CDM Smith and their expertise in the field of Water Resources Management.

Mr. Ebersold provided background information on their firm, and introductory comments regarding he and Mr. Rodrigo's work backgrounds.

5. WATER RESOURCES PLANNING: NEEDS ASSESSMENT – BOARD DISCUSSION

Presentation slides were reviewed by Mr. Falagan, Mr. Ebersold and Mr. Rodrigo which covered the following topics:

- Drivers for Water Resource Plan
- Water Resources Plan Objectives
- Water Resources Plan Process
 - Determine needs
 - Identify projects
 - Score projects
 - Adaptive strategy
- Stakeholder Group review of participants
 - Stakeholder group meetings & topics
- Water Needs Assessment
 - Long Beach Water Supply Reliability
 - LBWD Water Demands
 - Impacted by: Demographic growth; Conservation; Climate change
 - Local groundwater (Central/West Coast basins)
 - LBWD Non-Potable Reuse System
 - MWD Imported Water Supplies
 - New LBWD Water Supplies
 - Review of Water Demand Forecast Range for LBWD

- MWD Imported Water Supply Reliability
 - Review of impacts and probability of shortages occurring
- Local groundwater (Central/West Coast Basins)
 - Review of different impacts for reliability
 - Natural inflows
 - Artificial replenishment
 - Groundwater pumping (Long Beach and others)
 - Review of historical groundwater operations (pumping/overdraft)

At this point in the meeting Mr. Falagan made comments regarding instances of communities North of Long Beach where paving over natural resources had impacted the natural runoff to the aquifer and spreading grounds.

Mr. Rodrigo reviewed the following new and potential regional projects and provided background information for each of these projects:

- The Albert Robles Center (formerly known as GRIP)
- The California WaterFix
- MWD's proposed Regional Recycled Water Program (Carson IPR)

Mr. Rodrigo then reviewed some planning scenarios during the presentation. He noted the following conditions that could affect these scenarios (global; local; MWD):

- Current conditions
- Ideal conditions
- Moderate conditions
- Stressed conditions A
- Stressed conditions B
- Stressed conditions C

Mr. Rodrigo then reviewed some estimated LBWD water needs scenarios using the example year of 2030.

A range of LBWD Water needs were then reviewed (short-term; mid-term and long-term).

Mr. Ebersold provided a review of the first part of the Workshop presentation.

Note: There were general comments made by Board members during this section of the Workshop.

Note: The Workshop was paused at 2:20 P.M. for a break.

6. WATER RESOURCES PLAN: PROJECTS AND EVALUATION CRITERIA – BOARD DISCUSSION

President Cordero reconvened the workshop at 2:35 P.M.

Mr. Wang made introductory comments regarding this portion of the presentation and workshop. He reviewed the following potential LBWD Water Supply Options (for yield; cost; source; reliability):

- Central Basin groundwater
- West Coast Basin groundwater
- Regional stormwater capture for additional groundwater recharge
- Centralized stormwater capture for non-potable reuse
- Decentralized stormwater capture for onsite use
- Direct use of LA River for potable supply
- Advanced treated reuse for Industrial/Port demands (two options)
- Advanced treated reuse for groundwater recharge (three options)
- Seawater desalination
- Continued level of investment in water conservation programs

Mr. Wang pointed out that this list of projects was preliminary. He noted that an exercise by the Board members later in the workshop would provide staff and the consultants with a framework in order to evaluate these potential projects.

Mr. Ebersold made closing comments regarding Mr. Wang's presentation section.

Mr. Rodrigo then reviewed the following:

- Evaluation Criteria Characteristics
 - Consistent with the objectives of the LBWD's WRP
 - Designed to compare and rank potential local supply options
 - Metrics established for criteria to indicate how well criteria are being achieved, some criteria might have multiple metrics
 - Because criteria are not typically equal in important, weights are assigned to indicate relative comparisons

He also reviewed the draft evaluation criteria. He noted this list had been developed with the stakeholder members and LBWD staff:

- Reliability
- Cost
- Implementation
- Integration
- Environmental
- Multi-Benefit

He explained to the Board that they were not being asked to rank the potential projects.

He advised the Board that once their decisions had been tabulated, CDM Smith staff would work with LBWD staff in compiling the data that would then be brought back to the Board later on.

The Board, CDM Smith staff and LBWD staff took part in a general discussion regarding the six criteria and how they would be used to rate future projects.

Mr. Ebersold spoke about weighting and how this would be applied to future projects. He advised the Board's decisions regarding their thoughts about criteria would assist in bringing their practical knowledge as Commissioners, and as members of the community to reflect the values that are important for Long Beach. He noted different communities; different sets of decision-makers evaluate the criteria differently.

Mr. Ebersold then advised that these Board decisions on criteria would be used by CDM Smith to evaluate different options. He then advised they would determine how sensitive those results were to the weighting (sensitivity analysis) when completing the analysis.

The Board then took part in an exercise noting their decisions for the most important evaluation criteria.

The Board members; Mr. Garner and Mr. Falagan all made closing comments regarding the workshop.

7. ADJOURNMENT

President Cordero adjourned the Water Resources Plan Workshop at 3:41 P.M. to the next Special Meeting of the Board on Wednesday, May 29, 2018 at 8:00 A.M. in the Board Room at 1800 E. Wardlow Road, Long Beach, CA.

Frank Martinez, Secretary

Attest:

Gloria Cordero, President