RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD MEETING

RAINBOW MUNICIPAL WATER DISTRICT
Tuesday, April 25, 2017
Closed Session – Time: 11:30 a.m.
Open Session - Time: 1:00 p.m.

THE PURPOSE OF THE REGULAR BOARD MEETING IS TO DISCUSS THE ATTACHED AGENDA

District Office **3707 Old Highway 395** **Fallbrook, CA 92028**

Board Agenda Policies

Board of Directors Meeting Schedule Regular Board meetings are normally scheduled for the 4th Tuesday of the month with Open Session discussions starting time certain at 1:00 p.m.

Breaks It is the intent of the Board to take a ten minute break every hour and one-half during the meeting.

Public Input on Specific Agenda Items and those items not on the Agenda, Except Public Hearings Any person of the public desiring to speak shall fill out a "Speaker's Slip", encouraging them to state their name, though not mandatory. Such person shall be allowed to speak during public comment time and has the option of speaking once on any agenda item when it is being discussed. Speaking time shall generally be limited to three minutes, unless a longer period is permitted by the Board President.

Public Items for the Board of Directors' agenda must be submitted in writing and received by the District office no later than 10 business days prior to a regular Board of Directors' Meeting.

Agenda Posting and Materials Agendas for all regular Board of Directors' meetings are posted at least seventy-two hours prior to the meeting on bulletin boards outside the entrance gate and the main entrance door of the District, 3707 Old Highway 395, Fallbrook, California 92028. The agendas and all background material may also be inspected at the District Office.

You may also visit us at www.rainbowmwd.com.

Time Certain Agenda items identified as "time certain" indicate the item will not be heard prior to the time indicated.

Board meetings will be recorded on CD's as a secretarial aid. If you wish to listen to the recordings, they will be available after the draft minutes of the meeting have been prepared. There is no charge associated with copies of CD's. Recordings will be kept until minutes for such meeting are approved. Copies of public records are available as a service to the public; a charge of $.10 per page up to 99 pages will be collected and $.14 per page for 100 pages or more.

If you have special needs because of a disability which makes it difficult for you to participate in the meeting or you require assistance or auxiliary aids to participate in the meeting, please contact the District Secretary, (760) 728-1178, by at least noon on the Friday preceding the meeting. The District will attempt to make arrangements to accommodate your disability.

(*) - Asterisk indicates a report is attached.

Notice is hereby given that the Rainbow Municipal Water District Board of Directors will hold Closed Session at 11:30 a.m. and Open Session at 1:00 p.m. Tuesday, April 25, 2017, at the District Office located at 3707 Old Highway 395, Fallbrook, CA 92028. At any time during the session, the Board of Directors Meeting may adjourn to Closed Session to consider litigation or to discuss with legal counsel matters within the attorney client privilege.

AGENDA

1. **CALL TO ORDER**

2. **ROLL CALL: Brazier____ Hamilton____ Gasca____ Mack____ Stewart____**

3. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

4. **ORAL/WRITTEN COMMUNICATIONS FROM THE PUBLIC**
   OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE BOARD REGARDING CLOSED SESSION AGENDA ITEMS (Government Code § 54954.2).
   Under Oral Communications, any person wishing to address the Board on matters regarding the Closed Session agenda should indicate their desire to speak by filling out and submitting a "Speaker's Slip" to the Board Secretary before the meeting begins. *Speaking time shall generally be limited to three minutes, unless a longer period is permitted by the Board President.*

5. **CLOSED SESSION**

   A. Conference with Labor Negotiators (Government Code §54957.6 and §54957)

   Agency Designated Representatives

   Tom Kennedy
   Karleen Harp

   Discussions regarding labor negotiations for:

   Rainbow Employee Association
   Rainbow Association of Supervisor and Confidential Employees
   Rainbow Exempt Employees

   B. Conference with Legal Counsel–Anticipated Litigation (Government Code §54956.9(d)(2))
   - One Matter

   C. Conference with Legal Counsel–Anticipated Litigation (Government Code §54956.9(d)(2))
   - One Matter

6. **REPORT ON POTENTIAL ACTION FROM CLOSED SESSION**

Time Certain: 1:00 p.m.

7. **PLEDGE OF ALLEGIANCE**

8. **REPEAT REPORT ON POTENTIAL ACTION FROM CLOSED SESSION**

9. **REPEAT ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

(*) - Asterisk indicates a report is attached.

10. ORAL/WRITTEN COMMUNICATIONS FROM THE PUBLIC
OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE BOARD REGARDING ITEMS NOT ON THIS AGENDA (Government Code § 54954.2).
Under Oral Communications, any person wishing to address the Board on matters not on this agenda should indicate their desire to speak by filling out and submitting a "Speaker's Slip" to the Board Secretary before the meeting begins. *No action will be taken on any oral communications item since such item does not appear on this Agenda, unless the Board of Directors makes a determination that an emergency exists or that the need to take action on the item arose subsequent to posting of the Agenda* (Government Code §54954.2*). Speaking time shall generally be limited to three minutes, unless a longer period is permitted by the Board President.*

***11. APPROVAL OF MINUTES**

A. March 28, 2017 - Regular Board Meeting

12. BOARD OF DIRECTORS' COMMENTS/REPORTS
Directors' comments are comments by Directors concerning District business, which may be of interest to the Board. This is placed on the agenda to enable individual Board members to convey information to the Board and to the public. There is to be no discussion or action taken by the Board of Directors unless the item is noticed as part of the meeting agenda.

A. President's Report (President Brazier)
B. Representative Report (Appointed Representative)
  1. SDCWA
  2. CSDA
  3. LAFCO
  4. San Luis Rey Watershed Council
  5. Santa Margarita Watershed Council
C. Meeting, Workshop, Committee, Seminar, Etc. Reports by Directors (AB1234)
D. Directors Comments
E. Legal Counsel Comments
  1. Public Works Project Bidding Update (501668-0002)

***13. COMMITTEE REPORTS (Approved Minutes have been attached for reference only.)**

A. Budget and Finance Committee
  1. March 14, 2017 Minutes
B. Communications Committee
  1. March 6, 2017 Minutes
C. Engineering Services Committee
  1. March 1, 2017 Minutes

BOARD ACTION ITEMS

***14. DISCUSSION AND POSSIBLE ACTION REGARDING EXECUTION OF A JOINT AGREEMENT TO IMPROVE MAJOR SUBDIVISION COUNTY OF SAN DIEGO TRACT NO. 5532-1 AND A JOINT IRREVOCABLE STANDBY LETTER OF CREDIT FOR TOPA TOPA PLACE**
(Topa Topa Place is an 11-lot development off of Sterling View Drive and Old Highway 395. A joint agreement and letter of credit is required for the developer for improvements for water facilities and County improvements in order to ensure all facilities are bonded before submittal of the Final Map.)

(*) - Asterisk indicates a report is attached.

***15. DISCUSSION AND POSSIBLE ACTION TO APPROVE CONTRACT CHANGE ORDER FOR LIFT STATION NO. 1 REPLACEMENT PROJECT**

(Staff requests approval for a contract change order in the amount of $526,647 for additional design and engineering services to complete the LS1 replacement project with Kennedy Jenks and Associates. Remaining items on the project include the design of the lift station in order to eliminate the sewer siphon and surrounding pipelines.)

***16. DISCUSSION AND POSSIBLE ACTION TO AWARD A PROFESSIONAL SERVICES CONTRACT TO PROVIDE DESIGN SERVICES FOR THE SDCWA EMERGENCY PUMP STATION PROJECT**

(Each year the SDCWA conducts aqueduct shutdowns for maintenance. During these shutdowns Operations must set up temporary pumps to keep customers in water. Staff requests awarding a design contract in the amount of $84,923 to Dudek in order to install permanent pump stations at two locations.)

***17. DISCUSSION AND POSSIBLE ACTION TO APPROVE ORDINANCE NO. 17-03 AMENDING AND UPDATING ADMINISTRATIVE CODE SECTION 8.20 – CROSS CONNECTION CONTROL**

(After reviewing Administrative Code Section 8.20 – Cross-Connection Control, it was observed the policy numbering was out of sequence when approved by the Board of Directors on June 28, 2016. This item is to seek Board approval of an amended and updated version of Administrative Code Section 8.20 with the correct numbering sequence.)

***18. DISCUSSION AND POSSIBLE ACTION AMENDING AND UPDATING MEMBERSHIPS/ SUBSCRIPTIONS POLICY**

(This item is to provide the Board with an opportunity to review the current list of memberships and subscriptions for which RMWD pays.)

19. DISCUSSION AND POSSIBLE ACTION REGARDING RMWD BOARD MEMBERS AND GENERAL MANAGER ATTENDING THE CSDA SPECIAL DISTRICT LEADERSHIP ACADEMY IN JULY 2017

(This item is to provide the Board with an opportunity to discuss how they wish to work toward achieving the District of Distinction Accreditation.)

BOARD INFORMATION ITEMS

20. STAFFING ANALYSIS

(The purpose of this information report is to receive input from the Board related to the ongoing staffing analysis for the District.)

21. INFORMATIONAL UPDATE ON MOOSA CREST PIPELINE EMERGENCY REPAIRS

(Staff will provide an update on the status of the emergency repair work on the Moosa Crest Pipeline over Moosa Creek due to the storm even of February 28, 2017.)

22. DISCUSSION ON STRATEGIC GOALS AND OBJECTIVES FOR FISCAL YEAR 2017-2018

(This discussion will be to receive Board input into objectives that need updating, as well to add new objectives.)

***23. RECEIVE AND FILE INFORMATION AND FINANCIAL ITEMS FOR MARCH/APRIL 2017**

- **A. General Manager Comments**
  - **1.** Meetings, Conferences and Seminar Calendar
- **B. Communications**
  - **1.** Ratepayer Communications
- **C. Operations Comments**
  - **1.** Operations Report
- **D. Engineering Comments**
  - **1.** Engineering Report

(*) - Asterisk indicates a report is attached.

E. Human Resource & Safety Comments
1. Human Resources Report

F. Finance Manager Comments
1. Interim Financial Statement
2. Credit Card Breakdown
3. Directors' Expense
4. Check Register
5. Water Sales Summary
6. RMWD Sewer Equivalent Dwelling Units (EDU's) Status

24. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT REGULAR BOARD MEETING

25. ADJOURNMENT - To Tuesday, May 23, 2017 at 1:00 p.m.

ATTEST TO POSTING:

C H Hamilton
Hayden Hamilton
Secretary of the Board

4-14-17 @ 8:00 A.M.
Date and Time of Posting
Outside Display Cases

(*) - Asterisk indicates a report is attached.

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**MINUTES OF THE REGULAR BOARD MEETING
OF THE BOARD OF DIRECTORS OF THE
RAINBOW MUNICIPAL WATER DISTRICT
MARCH 28, 2017**

1. **CALL TO ORDER** - The Regular Meeting of the Board of Directors of the Rainbow Municipal Water District on March 28, 2017 was called to order by President Brazier at 1:00 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. President Brazier presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

Present: Director Brazier, Director Hamilton, Director Mack, Director Stewart, Director Gasca.

Also Present: General Manager Kennedy, Legal Counsel Smith, Executive Assistant Washburn, Administrative Analyst Gray, Associate Engineer Powers, Engineering Manager Kirkpatrick, Finance Manager Martinez, Human Resources Manager Harp, Operations Manager Milner, Superintendent Walker, Superintendent Zuniga.

One member of the public was present for Open Session.

4. **ADDITIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

There were no changes to the agenda.

5. **ORAL/WRITTEN COMMUNICATIONS FROM THE PUBLIC
OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE BOARD REGARDING ITEMS NOT ON THIS AGENDA (Government Code § 54954.2).**

There were no comments.

*6. **APPROVAL OF MINUTES**

A. February 28, 2017 - Regular Board Meeting

Motion:

To approve the minutes as written.

Action: Approve, Moved by Director Stewart, Seconded by Director Hamilton.

Director Gasca pointed out his name was misspelled on Page #12 of the agenda packet.

Director Hamilton amended his original motion.

(*) - Asterisk indicates a report is attached.

Motion:

To approved the minutes as amended.

Action: Approve, Moved by Director Stewart, Seconded by Director Hamilton.

Vote: Motion carried by unanimous vote (summary: Ayes = 5).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Stewart, Director Gasca.

7. BOARD OF DIRECTORS' COMMENTS/REPORTS

Directors' comments are comments by Directors concerning District business, which may be of interest to the Board. This is placed on the agenda to enable individual Board members to convey information to the Board and to the public. There is to be no discussion or action taken by the Board of Directors unless the item is noticed as part of the meeting agenda.

A. President's Report (Director Brazier)

There was no report given.

B. Representative Report (Appointed Representative)

1. SDCWA

A. "MWD's Fiscal Practices and the Impact on Southern California Ratepayers"

Mr. Kennedy talked about the Metropolitan Fiscal Practices provided in the agenda packet. He mentioned staff was working to have the General Manager of MWD address the RMWD Board at a future meeting.

2. CSDA

Mr. Kennedy reported on the correspondence between RMWD and the Little Hoover Commission including a response letter from the Commission's Chair, Pedro Nava, basically thanking Mr. Kennedy for outlining the problems the special districts have with Mr. Barnett's concepts. He offered to provide copies of the response letter to the Board. He mentioned he and Jo MacKenzie will be meeting Mr. Barnett for lunch to discuss these concerns further.

3. LAFCO

There was no report given.

4. San Luis Rey Watershed Council

Director Stewart reported the meeting dates and locations have changed without notifying him or RMWD; however, Ms. Washburn was diligently working to get the updated information as well as getting the correct names on the mailing list so he can attend the next meeting.

5. Santa Margarita Watershed Council

Director Hayden reported the next meeting will be April 18, 2017.

C. Meeting, Workshop, Committee, Seminar, Etc. Reports by Directors (AB1234)

Mr. Kennedy reported on the WaterUse Conference he attended. He briefed the Board on those items important to RMWD in terms of impacts and benefits. He noted this may be added to the list of memberships included in the RMWD Membership/Subscriptions Policy.

Director Gasca reported on the recent Council of Water Utilities meeting. He noted there was discussion regarding the Cal State San Marcos Certificate program with surrounding agencies.

D. Directors Comments

Director Mack thanked Ms. Washburn for arranging for the corporate pictures taken earlier today.

Director Stewart commented on the several main line breaks in his residential area and the significant costs involved spent since April in time, manpower, and equipment. Mr. Kennedy asked Mrs. Kirkpatrick to look at this residential area to see what can be done to assist with this recurring problem.

Director Hamilton thanked Mr. Kennedy for taking the new Board Members on a tour of the District to provide them with a better understanding of RMWD.

Director Gasca talked about a customer he had spoken with who spoke very highly of RMWD staff. He noted the customer agreed to write a letter to the District regarding how pleased he was with District staff during some recent repair job. He also recommended staff consider utilizing the "Next Door" Bulletin Board for posting information.

E. Legal Counsel Comments

1. Attorney Report: Public Records Act (501668-0002)

Mr. Smith mentioned the report provided was an update to the report provided at the last Board meeting. He stated the court considered privacy concerns and provided suggestions for each agency's use in implementing their own individual policies. He pointed out any employee or elected official conducting District business on their private cell phones must send a copy of those emails to their District email address.

Mr. Kennedy explained some of the regulations the District is currently implementing. He also mentioned the recent Public Records Request being circulated to RMWD as well as other local agencies. He told the Board they will have RMWD emails provided to them soon to assist with conducting District business.

***8. COMMITTEE REPORTS (Approved Minutes have been attached for reference only.)**

A. Budget and Finance Committee

1. February 14, 2017 Minutes

Mr. Stitle reported the Committee hopes to have the final audit report at the next meeting at which time the committee will conduct a review of the document and make a recommendation to the Board for their consideration.

Discussion ensued regarding the Springbrook software.

B. Communications Committee

1. February 6, 2017 Minutes

Director Hamilton reported the Committee discussed public relations opportunity within the community and brainstormed ideas for renaming some of RMWD's facilities. Mrs. Gray reported RMWD has received approval for a spot at the Fallbrook Avocado Festival on April 23, 2017. Director Hamilton also mentioned the Committee reviewed the new billing statement and provided staff with input on what information would be helpful, and talked about the self-audit program at the local schools.

Mrs. Gray reported on the self-audit presentations given at the schools.

Director Hamilton noted the Committee was waiting to hear back from Legal Counsel regarding RMWD providing services to senior citizens. He stated he has recently been contacted by two customers asking for this exact type of assistance. Discussion ensued regarding whether RMWD could legally provide this type of service.

C. Engineering Services Committee

1. February 1, 2017 Minutes

Mrs. Kirkpatrick reported the Committee discussed the preliminary studies being conducted on RMWD's headquarters flood way and flood plain to figure out how much property is worth and where it is buildable. She added discussions included condition assessment for which Committee Members Mick Ratican and Harry Stitle volunteered to review proposals, a second review of the proposal Administrative Code changes before the Board at this meeting for consideration, and the review of Indirect Potable Reuse Project alternatives were reviewed.

BOARD ACTION ITEMS

***9. CONSIDER APPROVAL OF A MASTER SALES AGREEMENT WITH ITRON INC FOR THE PROCUREMENT OF ADVANCED METERING INFRASTRUCTURE (AMI) METER READING HARDWARE, SOFTWARE, AND IMPLEMENTATION SERVICES FOR A PILOT PROJECT TO DEMONSTRATE FEASIBILITY OF AN AMI SYSTEM THAT WOULD OPERATE USING SAN DIEGO GAS AND ELECTRIC'S METER NETWORK**

Mr. Kennedy gave a presentation providing detailed information in terms of the contractual negotiations process, potential challenges, the proposed contract terms reached by both parties, and the next steps to be taken. He talked about the low upfront costs would be recovered by the significant long-term savings to the District.

Director Gasca inquired as to the timeframe for getting the pilot ready. Mr. Diaz reported SDG&E was waiting on information to be provided by ITRON.

Director Stewart pointed out SDG&E must resolve any issues prior to proceeding.

Director Gasca asked staff if locations have been identified for the end points. Mr. Kennedy provided a map of the areas staff has pre-selected noting these areas are the most complicated which was exactly what SDG&E suggested. Discussion followed.

Mr. Kennedy reported the pilot will run at least ninety days or until both RMWD and SDG&E are comfortable with the results.

Director Stewart asked for the cost involved with the full roll out of this project. Mr. Kennedy stated it would cost approximately $2M; however, the future savings will be substantial to the ratepayers.

Director Mack inquired as to the costs involved and whether they include both hardware and software. Mr. Diaz explained there would not much cost associated with hardware; however, there will be a need to upgrade software and required training. Director Mack asked about annual and software upgrade costs. Mr. Diaz stated annual costs would be approximately $3,500. Mr. Kennedy explained normally when paying annual license fees, upgrades are provided for free. It was confirmed the $2M does include labor. Discussion ensued regarding the comparison in cost between this program and having to install towers.

Motion:

Approve the contract with Itron as presented subject to the revision of the contract's implementation cost.

Action: Approve, Moved by Director Hamilton, Seconded by Director Mack.

Vote: Motion carried by unanimous vote (summary: Ayes = 5).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Stewart, Director Gasca.

10. CONSIDER ESTABLISHMENT OF BOARD OF DIRECTORS AD-HOC COMMITTEE FOR THE PURPOSE OF FACILITATING LABOR NEGOTIATION PROCESS

Mr. Kennedy noted as a means of streamlining the negotiations process, staff wanted to see if the Board was open to the concept of establishing an ad-hoc committee consisting of the Board Members. He clarified the information exchanged with the ad-hoc committee would be more policy involved as opposed to details. He pointed out there are only two Board meetings scheduled to be held prior to the expiration of the MOU's; therefore, this would be a way to expedite the process.

Director Stewart stated he was open to establishing a Board ad-hoc committee to demonstrate to the employees the Board was working diligently to complete this process.

President Brazier appointed Directors Mack and Hamilton would be appointed to the serve on the ad-hoc committee and Director Gasca would serve as the alternate. Mr. Kennedy pointed out these meetings would not be in violation of The Brown Act requirements and would be closed meetings due to there only being two Board Members present at any one time.

There was no action taken.

***11. DISCUSSION AND POSSIBLE ACTION TO AWARD A PROFESSIONAL SERVICES CONTRACT FOR THE DEVELOPMENT OF A CONDITION ASSESSMENT PROGRAM FOR WATER FACILITIES**

Mrs. Kirkpatrick pointed out the latest Master Plan found a need for RMWD to develop a Condition Assessment Program. She explained the program RMWD was seeking would expand beyond the typical services provided to support developing a long-term rehabilitation program. She talked about the proposals received which were reviewed by two members of the RMWD Engineering Services Committee.

Mr. Kennedy added HDR was the most receptive to the terms set by RMWD. He talked about using failure rate models to calculate both the financial and staffing impacts.

Discussion ensued regarding the details of the condition assessment program works.

Director Stewart stated this was a very reasonable investment in knowledge.

Motion:

Authorize General Manager to enter negotiations with HDR and execute a professional services contract for a price not-to-exceed $99,297.

Action: Approve, Moved by Director Stewart, Seconded by Director Gasca.

Vote: Motion carried by unanimous vote (summary: Ayes = 5).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Stewart, Director Gasca.

***12. DISCUSSION AND POSSIBLE ACTION TO APPROVE PURCHASE OF KNOTTWOOD WAY PRESSURE REGULATING STATION**

Mrs. Kirkpatrick explained the proposed site where two roads do not connect. She stated the County and Sycamore Ranch is working on getting a bridge built the County will tie into. She noted RMWD has two water lines that end on either side of the tributary. She gave a presentation showing various pressure station styles.

Director Hamilton inquired as to whether RMWD can require a specific type of pressure station style to be constructed during development. Mrs. Kirkpatrick noted the RMWD Standards and Speculations provides for an approved list of pressure station types and that staff reviews the plans prior to development going forward. Discussion ensued regarding how the requirements may vary depending on the site location; however, there may be an opportunity to replace the red box pressure stations in purchased in bulk.

Motion:

Authorize General Manager to purchase pressure reducing station from Engineering Fluid Inc. for $59,273.00.

Action: Approve, Moved by Director Hamilton, Seconded by Director Stewart.

Vote: Motion carried by unanimous vote (summary: Ayes = 5).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Stewart, Director Gasca.

***13. DISCUSSION AND POSSIBLE ACTION TO AWARD A PROFESSIONAL SERVICES CONTRACT TO PROVIDE DESIGN SERVICES FOR THE ROBERT A. WEESE FILTRATION PLANT INTERCONNECT**

Mrs. Kirkpatrick noted the site of the facility and how during SDCWA shutdowns, RMWD's operations staff sets up a temporary pump at the Gopher Tank to pump water out of Weese. She explained how much cost and labor is involved with this process and how the proposed project would make permanent facilities.

Mr. Kennedy stated RMWD was currently waiting for response from the City of Oceanside regarding the amount of water they may have for RMWD to purchase. He noted should the City of Oceanside not agree to sell water to RMWD or the costs continue to rise, the District will most likely not proceed with construction of this project because the return on investment will not show the right return. He pointed out before being able to make an informed decision, the design must be completed first.

Director Hamilton asked how much RMWD pays on average annually for the temporary pumps. Mr. Kennedy replied $25,000, noting the reason for the pumps is due to the fact SDCWA cannot hydraulically get the water to RMWD.

Director Gasca inquired as to how long before RMWD would reach the break-even point. Mr. Kennedy said although it depends on how much water the District purchases, he estimates it to be approximately eighteen months.

Discussion ensued regarding the potential for an additional water source.

Motion:

Authorize staff to award a Professional services contract to IEC to provide design services for the Robert A. Weese Filtration Plant Interconnect not to exceed $186,272.

Action: Approve, Moved by Director Gasca, Seconded by Director Mack.

Vote: Motion carried by unanimous vote (summary: Ayes = 5).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Stewart, Director Gasca.

***14. DISCUSSION AND POSSIBLE ACTION TO APPROVE ORDINANCE NO. 17-02 AMENDING AND UPDATING ADMINISTRATIVE CODE TITLE 6 – ENGINEERING, TITLE 8 – WATER AND TITLE 9 – SEWER**

Mrs. Kirkpatrick noted some of the proposed changes involved bringing engineering related topics from Title 8-Water and Title 9-Sewer into the Title 6-Engineering section. She pointed out redundancies were removed, changing of position titles, as well as fines for water theft and relocating temporary construction meters were also part of the proposed changes.

Mr. Kennedy explained part of this process was to make it easier to find information easier within the Administrative Code for reference, enforcement, and training purposes. He added as further review the Administrative Code continues, there may be other amendments.

Mr. Kennedy thanked both Mrs. Kirkpatrick and Ms. Washburn for their hard work and the great deal of time they spent working on this project.

Director Stewart inquired about customers having to hire a licensed contractor to install water service. Mrs. Kirkpatrick explained although this was practice, it was unclear in the Administrative Code.

Discussion ensued regarding future updates to the sewer section of the Administrative Code.

Motion:

Approve Ordinance No. 17-02.

Action: Approve, Moved by Director Stewart, Seconded by Director Hamilton.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 5).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Stewart, Director Gasca.

Director Stewart excused himself from the meeting at 3:31 p.m.

***15. CONSIDER A PROFESSIONAL SERVICES AGREEMENT WITH INFOSEND, INC., FOR DOCUMENT PRINTING AND MAILING SERVICES OF UTILITY BILLS**

Mrs. Martinez noted this item was to seek approval for a Professional Services Agreement with InfoSend, Inc. for document printing and mailing services for RMWD utility bills. She mentioned some of the customer complaints RMWD has received mostly regarding the delay in receiving their bills. She pointed out another local agency utilized InfoSend, Inc. and has provided RMWD with a high recommendation. She concluded by explaining should the Board approve the agreement, implementation of services with InfoSend, Inc. would be June 1, 2017.

Discussion ensued regarding the transition process.

Motion:

Authorize the General Manager to execute an agreement in a form approved by the District's Counsel with Infosend, Inc. for the printing and mailing of the District's Utility Bills.

Action: Approve, Moved by Director Hamilton, Seconded by Director Mack.

Vote: Motion carried by unanimous vote (summary: Ayes = 4).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Gasca.

Absent: Director Stewart.

(*) - Asterisk indicates a report is attached.

***16. APPROVAL OF RESOLUTION NO. 17-11 ESTABLISHING CHECK SIGNING AUTHORITY**

Motion:

Approval Resolution No. 17-11.

Action: Approve, Moved by Director Mack, Seconded by Director Gasca.

Vote: Motion carried by unanimous vote (summary: Ayes = 4).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Gasca.

Absent: Director Stewart.

***17. DISCUSSION AND POSSIBLE ACTION TO APPROVE RESOLUTION NO. 17-10 AUTHORIZING THE GENERAL MANAGER OR DESIGNEES TO EXECUTE STATE OFFICE OF EMERGENCY SERVICES AND/OR FEDERAL EMERGENCY DOCUMENTS AND RELEVANT PERMIT APPLICATIONS FOR PRESENT AND FUTURE DISASTER RELIEF APPLICATIONS**

Mr. Kennedy pointed out to receive free grant emergency funding due to the damage caused by the recent storms hitting the area, these documents and applications must be completed. He provided an update on the extreme damage caused to the Moosa Creek pipeline and steps staff has taken to address this matter including discussions with outside resources. He stated a report would be provided to the Board each month on this emergency matter.

Mrs. Harp pointed out the deadline to apply for any reimbursement for cost associated with the January storms is April 11, 2017. She also noted this resolution authorizes the General Manager or his designees to sign those application forms for reimbursement for three years; therefore, should any future events occur, RMWD would be able to apply for that reimbursement.

Motion:

Approve Resolution No. 17-10. (Correction: This item was to consider approval of Resolution No. 17-12 (not Resolution No-17-10) per Option 1 of Action Letter and Resolution provided in original March 28, 2017 Board Meeting agenda packet. The intent of the Board was to approve Resolution No. 17-12 as presented.)

Action: Approve, Moved by Director Gasca, Seconded by Director Mack.

Vote: Motion carried by unanimous vote (summary: Ayes = 4).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Gasca.

Absent: Director Stewart.

(*) - Asterisk indicates a report is attached.

18. DICUSSION AND POSSIBLE ACTION REGARDING RMWD BOARD MEMBERS AND GENERAL MANAGER ATTENDING THE CSDA SPECIAL DISTRICT LEADERSHIP ACADEMY IN JULY 2017

Mr. Kennedy talked about how part of the Strategic Plan was to achieve the District of Distinction Accreditation and the various options for meeting the requirements. He noted he and Director Brazier have already met their requirements. He explained this was an opportunity for the remaining Board Members to decide how they would like to achieve this accreditation, including attending upcoming workshops or participating in on-demand webinars.

The meeting adjourned for a break at 3:50 pm.

The meeting reconvened at 4:00 p.m.

Discussion ensued regarding timeframes and the available options.

Directors Brazier, Gasca, Hamilton, and Mack stated they would be interested in participating in the webinars once they become available.

Motion:

To defer this item to the next meeting.

Action: Approve, Moved by Director Hamilton, Seconded by Director Mack.

Vote: Motion carried by unanimous vote (summary: Ayes = 4).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Gasca.

Absent: Director Stewart.

***19. CALIFORNIA SPECIAL DISTRICTS ASSOCIATIONS (CSDA) CALL FOR NOMINATIONS SEAT C**

Mr. Kennedy stated if any of the Board Members are interested in serving on the CSDA Board of Directors, they would need to submit a nomination package to CSDA by May 19, 2017. He explained the commitment involved with this role and some benefit it could be to RMWD.

Motion:

To support the nomination of Director Michael Mack.

Action: Approve, Moved by Director Hamilton, Seconded by Director Gasca.

Vote: Motion carried by unanimous vote (summary: Ayes = 4).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Gasca.

Absent: Director Stewart.

(*) - Asterisk indicates a report is attached.

BOARD INFORMATION ITEMS

***20. QUARTERLY STRATEGIC PLAN OBJECTIVES AND GOALS UPDATE**

Mr. Kennedy gave a presentation on the objections and goals updates provided in a handout.

Director Gasca expressed concern the plan lacks mentioning what the Board could do to assist with implementing and achieving the goals. Discussion ensued regarding community outreach opportunities.

Mr. Kennedy stated the staffing analysis and strategic plan objectives will be discussed at the April Board meeting.

***21. RECEIVE AND FILE INFORMATION AND FINANCIAL ITEMS FOR FEBRUARY/MARCH 2017**

A. General Manager Comments
- **1.** Meetings, Conferences and Seminar Calendar

B. Communications
- **1.** Ratepayer Letters
- **2.** Staff Training Reports

C. Operations Comments
- **1.** Operations Report

D. Engineering Comments
- **1.** Engineering Report

E. Customer Service Comments
- **1.** Customer Service Report

F. Human Resource & Safety Comments
- **1.** Human Resources Report

G. Finance Manager Comments
- **1.** Interim Financial Statement
- **2.** Credit Card Breakdown
- **3.** Directors' Expense
- **4.** Check Register
- **5.** Water Sales Summary
- **6.** RMWD Sewer Equivalent Dwelling Units (EDU's) Status

Mr. Kennedy talked about sewer damage caused by a root block in the line belonging to another residence. He stated although the claim has not been completed, RMWD will be arranging hotel accommodations and proper clean-up crew to assist the customer with the inconvenience.

Motion:

To receive and file information and financial items.

Action: Approve, Moved by Director Mack, Seconded by Director Hamilton.

Vote: Motion carried by unanimous vote (summary: Ayes = 4).

Ayes: Director Brazier, Director Hamilton, Director Mack, Director Gasca.

Absent: Director Stewart.

(*) - Asterisk indicates a report is attached.

22. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT REGULAR BOARD MEETING

It was noted the Strategic Plan objectives, District of Distinction Accreditation, emergency update, staffing analysis, MOU negotiations, and potential claim will be on the next agenda. Ms. Washburn pointed out the annual Rainbow Public Facilities Corporation meeting will also need to be conducted in April.

Director Gasca notified the Board he will miss the April 25, 2017 meeting.

Mr. Kennedy announced he will miss the May 23, 2017 meeting.

Director Mack mentioned he will miss the June 27, 2017 meeting.

23. ADJOURNMENT - To Tuesday, April 25, 2017 at 1:00 p.m.

The meeting was adjourned with a motion made by Director Hamilton and seconded by Director Mack to a regular meeting on April 25, 2017, at 1:00 p.m.

The meeting was adjourned at 5:08 p.m.

Helene Brazier, Board President

Dawn M. Washburn, Board Secretary

(*) - Asterisk indicates a report is attached.

NOSSAMAN LLP | Memorandum

TO: Rainbow Municipal Water District

FROM: Alfred Smith

DATE: April 25, 2017

RE: Attorney Report: Public Works Project Bidding Update
501668-0002

I. INTRODUCTION.

This attorney report provides an update on a recent California Supreme Court opinion that rejected a claim by the second-lowest bidders on multiple public works contracts. These bidders alleged that the low bidder violated the law by interfering with their prospective economic advantage.

In *Roy Allan Slurry Seal, Inc. v. American Asphalt South, Inc.* (Feb. 16, 2017) Case No. S225398 (Riverside County), the California Supreme Court rejected the claims. The Supreme Court held that for public works contracts awarded to the lowest responsive, responsible bidder, the bidder has at most a "hope" for an economic relationship with the public entity; and that relationship is insufficient to state a claim for intentional interference with prospective economic advantage.

II. BACKGROUND.

The Plaintiffs in this litigation, Roy Allan Slurry Seal, Inc. ("Allan") and Doug Martin Contracting, Inc. ("Martin") (collectively, "Plaintiffs") alleged that Defendant American Asphalt South, Inc. ("American") outbid them on 23 public works contracts by failing to pay prevailing wages to its employees.

The Plaintiffs alleged that for the public works contracts that the public agency awarded to American, either Allan or Martin was the second lowest bidder. Plaintiffs argued that American tortiously interfered with those contracts by illegally submitting deflated bids. Plaintiffs further argued that because they were the second lowest bidders, they would have been awarded those contracts if American had not submitted the illegally deflated bids.

III. SUPREME COURT'S ANALYSIS.

In a case of first impression, the Supreme Court considered whether a disappointed bidder on a public works contract can demonstrate the requisite economic relationship with the public entity to justify an economic interference claim. The Court held in the negative.

The Supreme Court began its analysis by examining the requirements for stating a claim for intentional interference with prospective economic advantage. To prevail on such a claim, the plaintiff must establish:

> "(1) the existence, between the plaintiff and some third party, of an economic relationship that contains the probability of future economic benefit to the plaintiff;
>
> (2) the defendant's knowledge of the relationship;
>
> (3) intentionally wrongful acts designed to disrupt the relationship;
>
> (4) actual disruption of the relationship; and
>
> (5) economic harm proximately caused by the defendant's action." (citing *Korea Supply Co. v. Lockheed Martin Corp.* (2003) 29 Cal.4th 1134, 1164-1165.)

The Supreme Court examined cases that focused on the first element of the tort, and particularly those decisions where a court found that "either the economic relationship with the third party is too attenuated or the probability of economic benefit too speculative." Themes throughout those decisions include a mere potential future relationship, a deal that is a mere expectancy, and potential economic relationships where one party has unfettered discretion to enter into the relationship. The Court concluded that these authorities counseled against recognizing the tort where there is a mere "probability of future economic benefit."

The Supreme Court then examined the nature of public works contracts. The Court explained:

> "Public works contracts are a unique species of commercial dealings. In the contracts at issue here, the public entities retained broad discretion to reject all bids. The bids were sealed, and there were no postsubmission negotiations. In awarding the contracts, the public entities could give no preference to any bidder based on past dealings, and were required to accept the lowest responsible bid."

The Court also found significant that a bidder on a public works contract does not have a protectable expectancy because there is an insufficient degree of certainty that the second lowest bidder would receive the contract.

Finally, the Court examined the public policy and legislative intent behind competitive bidding laws and emphasized that those laws are for the benefit of the public. The Court concluded:

> "Expanding tort liability to cover wrongful interference with the public contracts bid process would provide little additional benefit in light of the extensive statutory scheme. Conversely, an expansion has potentially significant public policy disadvantages. . . . The possibility of significant monetary gain may encourage frivolous litigation by second lowest bidders. . . . That litigation, in turn, may deter responsible bidders from participating in the process, thus undermining the Legislature's goal of stimulating competition in a manner conducive to sound fiscal practices."

Thus, after reviewing the requirements, policy and intent of Public Contracts Code section 100 *et seq.*, the Supreme Court found that the Plaintiffs failed to state a claim for intentional interference with prospective economic advantage.

IV. CONCLUSION.

This decision is important for several reasons. First, the Supreme Court solidified the rule that an unhappy bidder may only receive monetary damages in the amount of bid preparation costs, not lost profits, in civil litigation. The Court did so by quoting that rule and using the reasoning behind it — lost profits from a public works contract are highly speculative, not only because a bidder may bid at a loss, but also because typically a public entity has the discretion to reject all bids—to support its conclusion that there is an insufficient economic relationship between a bidder and a public agency to state a claim for the tort.

Second, although this decision analyzed whether a bidder could state a claim for intentional interference with prospective economic advantage in the context of a low-bid procurement, it would make good sense for a court to apply the reasoning and result in this decision to other types of procurements as well. Alternative procurements, including design-build procurements, have many of the unique characteristics the Supreme Court pointed to in *Roy Allan Slurry Seal, Inc. v. American Asphalt South, Inc.* as the basis for its decision. For example, a public agency almost always has broad discretion to reject all bids regardless of the type of procurement. Moreover, public agencies must award contracts based on the invitation for bids or invitation for proposals. The policy underpinnings of the decision, that the purpose of the Public Contract Code is to encourage competition, would likewise be equally applicable in the context of an alternative procurement.

Finally, the Supreme Court was clearly concerned about the future impacts on public procurements of a rule that permitted an unsuccessful bidder to sue the successful bidder for monetary damages, raising the potential of draining government resources and potentially interfering with the public's interest in having its contracts promptly awarded and performed. That concern was in addition to the concern that permitting an unsuccessful bidder to sue for lost profits would discourage bidding on public contracts and increase the cost of the project.

MINUTES OF THE BUDGET AND FINANCE COMMITTEE MEETING OF THE RAINBOW MUNICIPAL WATER DISTRICT MARCH 14, 2017

1. CALL TO ORDER: The Budget & Finance Committee meeting of the Rainbow Municipal Water District was called to order by Chairperson Stitle on March 14, 2017 in the Board Room of the District Office at 3707 Old Highway 395, Fallbrook, CA 92028 at 1:03 p.m. Chairperson Stitle presiding.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL:

Present: Member Stitle, Member Clyde, Alternate Martinez.

Absent: Member Ross, Member Hensley, Member Moss.

Also Present: General Manager Kennedy, Executive Assistant Washburn, Engineering Manager Kirkpatrick.

There were no members of the public present.

4. SEATING OF ALTERNATES

Mrs. Martinez was seated to serve as an alternate for this meeting.

5. ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)

There were no changes.

6. PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)

There were no comments.

COMMITTEE ACTION ITEMS

7. COMMITTEE MEMBER COMMENTS

There were no comments.

***8. APPROVAL OF MINUTES**

A. February 14, 2017

Motion:

To approve the minutes.

Action: Approve, Moved by Alternate Martinez, Seconded by Member Stitle.

Vote: Motion carried by unanimous vote (summary: Ayes = 3).

Ayes: Member Stitle, Member Clyde, Alternate Martinez.

Discussion went to Item #10.

9. REVIEW CAPACITY FEE STUDY

Mr. Kennedy reported Raftelis found some methods of calculations utilized that were not the quite the best way to tie the capacity fees in with rate discussions; therefore, they provided a better idea of how this should be done. He explained some of the suggestions received from Raftelis as well as other potential opportunities on the horizon. He pointed out the primary focus is to ensure the lowest cost service delivery possible to the RMWD ratepayers.

Discussion ensued regarding equivalency of EDU's and meters.

Mr. Kennedy pointed out the expansion projects and treatment for sewer are costs not realized by the District; however, once those projects are built, they will move into the District's asset valuation and be removed from some other future costs.

It was noted the capacity fees have slowly increased over the past ten years.

Mr. Kennedy asked the committee to decide if they'd like to add in the reserves Sudhir recommended.

Mrs. Kirkpatrick pointed out the study provided was the final draft and there may be some changes incorporated based on committee and staff input. Discussion ensued regarding keeping Capital Improvement Projects and reserves.

Discussion followed.

Discussion went to Item #11.

10. AUDIT UPDATE

Mrs. Martinez reported RMWD received a draft of the audit which underway to the next approval process step prior to being finalized. She reviewed the highlights provided in the draft audit report. She stated since the auditors have not mentioned anything, it was her belief this audit will be found to be clean once the peer review is finalized.

Mr. Stitle inquired as to the definition of investments in sewer rights. Mr. Kennedy explained this was Oceanside capacity. Mrs. Martinez noted this needed to be investigated further to find out if Oceanside has had these assets on their books as well due to the fact RMWD has the right to use it, but does not have ownership over any of the assets. Discussion followed.

Discussion went to Item #9.

11. DISCUSSION REGARDING DEPRECIATION AND NEW ASSET VALUES

Mr. Kennedy noted this opportunity was to inform the committee as to what was happening. He explained when RMWD's assets quadruple in value, depreciation also increases and the importance of understanding such.

Mrs. Martinez talked about recognition of capital assets. Discussion ensued. Mr. Kennedy offered to have staff conduct more research and find examples for recognizing depreciation.

Discussion ensued regarding RMWD's rate stabilization fund.

Mr. Kennedy reiterated the importance of understanding this policy at both the committee and Board levels.

Discussion went to Item #12.

12. REVIEW THE FOLLOWING:

A. Income Statement
B. Balance Sheet
C. Cash Flow

Mrs. Martinez provided an update on the investment report. She pointed out specific areas in the report of interest to the committee.

Discussion ensued regarding updating the phone system, a temporary employee being brought in to assist in the Customer Service Department, as well as streamlining some of the tasks that department is assigned.

It was noted water sales have decreased due to the recent rainy weather. Discussion followed.

13. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED BUDGET AND FINANCE COMMITTEE MEETING

It was noted the final Capacity Fee Study, review options for recognizing depreciation, and developer updates should be on the next agenda.

14. ADJOURNMENT

The meeting was adjourned with a motion by Member Clyde, Seconded by Member Stitle.

The meeting adjourned at 2:17 p.m.

Harry Stitle, Committee Chairperson

Dawn M. Washburn, Board Secretary

MINUTES OF THE COMMUNICATIONS COMMITTEE MEETING OF THE RAINBOW MUNICIPAL WATER DISTRICT MARCH 6, 2017

1. **CALL TO ORDER** – The Communications Committee Meeting of the Rainbow Municipal Water District on March 6, 2017 was called to order by Chairperson Daily at 3:35 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Chairperson Daily, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

Present: Member Daily, Member Kirby, Member Hamilton, Alternate Gray.

Absent: Member Kurnik.

Also Present: General Manager Kennedy, Executive Assistant Washburn.

One member of the public was present.

4. **SEATING OF ALTERNATES**

Mrs. Gray was seated to serve as an alternate for this meeting.

5. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

There were no changes to the agenda by committee members.

6. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA**

There were no comments.

COMMITTEE ACTION ITEMS

*7. **APPROVAL OF MINUTES**
A. February 6, 2017

Motion:

Approve the minutes as written.

Action: Approve, Moved by Member Kirby, Seconded by Member Hamilton.

Vote: Motion carried by unanimous vote (summary: Ayes = 4).

Ayes: Member Daily, Member Kirby, Member Hamilton, Alternate Gray.

Discussion went to Item #9.

8. DISCUSSION AND POSSIBLE ACTION REGARDING NEW BILLING FORMAT

Mr. Kennedy reviewed some of the proposed changes including have a description in gallons as well as in units, spelling out Class Codes, displaying a graph regardless of the amount of usage, using the blank areas for monthly messages/notifications, and providing usage in gallons as opposed to units.

It was noted InfoSend, Inc. would be invited to the next committee meeting to give a presentation.

Mr. Kennedy noted proposed changes would be provided to the public in several notices prior to moving forward.

Discussion went to Item #12.

9. PROJECT NAMING BRAINSTORMING SESSION FOR LIFT STATIONS

Mr. Kennedy explained renaming the lift stations may be helpful in identifying the lift stations in the event of an emergency. He noted two of the lift stations are about to be constructed; therefore, the timing for considering name changes was appropriate.

Mrs. Harp noted an employee suggested naming facilities after those employees that have worked at RMWD for years. Discussion ensued.

Discussion ensued regarding naming the lift stations and other facilities according to their location for identification purposes. It was suggested engaging the public in a facility naming contest provided there be specific criteria to be met in the naming process.

Mr. Kennedy offered to put together some guidelines and bring something back for Committee consideration.

Discussion went to Item #10.

10. DISCUSSION REGARDING AVOCADO FESTIVAL

Mr. Kennedy reported a decision has not been made by the Fallbrook Chamber of Commerce as far as RMWD having a space at the festival. He noted sponsors would be guaranteed prime spots; however, the cost involved would be significant. He solicited the Committee for their opinion as to whether RMWD should attend this event. Discussion ensued RMWD having so few opportunities to engage with the public; therefore, it may be beneficial to attend.

It was decided the District should participate in the festival and then evaluate its benefits for future reference.

Mrs. Gray stated she or Ms. Washburn would schedule a time for the committee members to have their pictures taken for badges for use at public events.

Discussion went to Item #11.

11. DISCUSSION REGARDING LOCAL SENIOR SERVICES

This item was deferred to the April committee meeting with an update from Legal Counsel.

Discussion went to Item #8.

12. COMMUNICATIONS PLAN/TOPICS

Mr. Daily recommended possibly sending a message about continued water use efficiency. Mrs. Gray suggested making the message stronger regarding how customers can keep using water efficiently.

Mr. Hamilton suggested listing the programs in which RMWD participates in the newsletter. Mrs. Gray noted she would mention the video contest winners in the May edition of the newsletter. Mr. Kennedy announced the Board approved adding a Go Pro as part of the prize pool for the video contest.

Discussion ensued regarding an annual self-audit program.

Mr. Hamilton suggested there should be press releases on the Moosa Creek pipeline repair, the newly appointed Board Member, and the two awards RMWD received.

Mr. Kennedy agreed to invite the newspaper contacts to attend events such as the video contest.

Discussion went to Item #13.

13. REVIEW AND ANALYSIS OF RMWD RELATED MEDIA STORIES

Discussion ensued regarding purchasing media space in the local newspaper.

Discussion went to Item #14.

14. COMMITTEE MEMBER COMMENTS

There were no comments.

15. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED COMMUNICATIONS COMMITTEE MEETING

It was noted a presentation from InfoSend, Inc., the facility naming contest criteria, and an update on the local senior services should be on the next committee agenda.

16. ADJOURNMENT

The meeting was adjourned with a motion made by Director Daily

The meeting adjourned at 5:00 p.m.

Mike Daily, Committee Chairperson

Dawn M. Washburn, Board Secretary

MINUTES OF THE ENGINEERING SERVICES COMMITTEE MEETING OF THE RAINBOW MUNICIPAL WATER DISTRICT MARCH 1, 2017

1. **CALL TO ORDER** – The Engineering Services Committee Meeting of the Rainbow Municipal Water District on March 1, 2017 was called to order by Chairperson Prince at 3:02 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Chairperson Prince, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

Present: **Member Prince, Member Stitle, Member Taufer, Member Brazier, Member Ratican, Alternate Robertson, Alternate Marnett.**

Also Present: **General Manager Kennedy, Engineering Manager Kirkpatrick, Eng. Tech. Rubio.**

Absent: **Member Kirby.**

One member of the public was present: Mr. Walker (Tory E. Walker Engineering).

4. **SEATING OF ALTERNATES**

Mr. Prince stated for the record that Mr. Marnett would be taking a voting seat.

5. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

Mrs. Kirkpatrick added two items to the agenda the Moosa Crest Pipeline Emergency and the Indirect Potable Reuse. Mr. Marnett added one item to the agenda to discuss Emergency Water Contingency Plan.

6. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA**

There were no public comments.

COMMITTEE ACTION ITEMS

*7. **APPROVAL OF MINUTES**

A. February 1, 2017

Mr. Stitle pointed out a typo correction.

Motion:

Accept the February 1, 2017 minutes pending correction.

Action: **Approve, Moved by Member Brazier, Seconded by Member Stitle.**

Vote: **Motion carried by unanimous roll call vote (summary: Ayes = 7).**

Ayes: **Member Prince, Member Stitle, Member Brazier, Member Taufer, Member Ratican, Member Robertson, Member Marnett.**

8. DISCUSSION AND POSSIBLE ACTION REGARDING DISTRICT HEADQUARTERS' FLOODWAY ANALYSIS

Mr. Kennedy said the District has been pursuing the possibility of a new Headquarters' site. He mentioned having discussions with a developer regarding a site and selling the current site, in addition an architecture firm was hired to conduct an onsite space planning study that researched the floodway and floodplain definitions. He said these definitions conflicted with the Caltrans definitions and other information, therefore Tory R. Walker Engineering (TRWE) firm was hired to conduct a floodway analysis. He pointed out there was no construction allowed on a floodway. He stated prior to establishing the value of the District's property the floodways had to be defined.

Mr. Walker provided an overview regarding the floodway analysis. He said from a FEMA regulatory stand point the floodway fringe could be adjusted, excluding other potential constraints. He stated based on an analysis of updated floodway data TRWE established a new floodway identifying additional potential developable areas. He said based on the new floodway definition the District could submit a request through the County and FEMA identifying the new floodway line establishing the potential use of more area. He pointed out based on the additional area the value of the land would increase tenfold. Discussion ensued.

Mr. Kennedy said the District would work on perfecting the flood line prior to taking the next step. He proposes to move forward and asked for a consensus from the committee, there was a general consensus from the committee with Ms. Brazier attesting to the agreement to go forward with the floodway analysis.

Added Agenda Item

MOOSA CREST UPDATE

Mr. Kennedy said a pipe support for the Moosa Crest waterline was washed out during the January 2017 storms and staff was in the process of planning the repair. He continued during the recent rain there was an alarm from the SCADA system identifying a peak flow. He said it was discovered that the waterline was broken and when a visual inspection was conducted it was flooded and covered with debris. He pointed out two repair options to go under the creek or build a bridge to go higher. Discussion ensued regarding the waterline repair.

Mr. Kennedy said currently the District was supplying water by back filling the zone, although when spring/summer time arrive it would not be possible. He continued if the other transmission waterline were to go down it would not be possible to provide water to the zone. He mentioned the Board had declared this project an emergency. Discussion ensued.

9. CONDITION ASSESSMENT UPDATE

Mrs. Kirkpatrick said the master plan recommended conducting a condition assessment of the District's facilities. She continued the District's GIS database system scores these facilities, specifically pipelines based on age, material, and frequency of breaks summarizing which pipelines require replacing. She noted the District should be saving $2M a year to pay for these replacements.

Mrs. Kirkpatrick said a Request for Proposals was sent out to qualified firms to prepare a condition assessment of the waterlines. She explained experience has shown failures happen at joints, nozzles, laterals and not necessarily the pipe.

Mr. Kennedy said there was better technology to identify actual pipelines requiring replacements and not just go by probable reasons such as age and estimates. Discussion ensued.

Mr. Kennedy invited two committee members to evaluate the proposals. Mr. Stitle and Mr. Ratican volunteered.

10. DISCUSSION AND POSSIBLE ACTION REGARDING ADMINISTRATIVE CODE UPDATES

Mr. Kennedy asked for feedback on the draft administrative code updates provided at the last committee meeting.

Mr. Ratican provided comments to be discussed and included with the updates. He pointed out typo corrections and recommended word replacements. He asked if the District had a standard Reimbursement Agreement. Mr. Kennedy responded no, the District's legal counsel would need to prepare one. He pointed out these type of agreements were not used often. Mr. Ratican also recommended changing the per acre cost for the extension connection fee to be per EDU cost explaining that the per acre was mostly for agriculture. Discussion ensued.

Mr. Kennedy suggested looking into other options on reimbursement agreements such as providing capacity credits instead. Discussion ensued.

11. AMI UPDATE

Mr. Kennedy said the contract was still being developed and as soon as it was completed the pilot testing of 300 meters would begin.

12. METER TESTING RESULTS UPDATE

Mr. Kennedy said the results have not been completed. He stated by next month there should be some results.

Added Agenda Item

INDIRECT POTABLE REUSE UPDATE

Mr. Kennedy provided a brief update and discussion regarding the alternatives and associated costs of the Indirect Potable Reuse (IPR) Preliminary Evaluation Study. (Summary below):

Alternative	Description	Total Project Cost	Total AF	*Cost AF
Baseline	Desalter / No IPR Project	$56,575,000	3,326	1,203
Option A	Advanced Water Treatment (AWT) delivered from San Luis Rey Water Recycle Facility (WRF)	$91,550,000	4,435	1,460
Option B	Non-potable water from San Luis Rey WRF	$106,393,750	4,435	1,697
Option C	Advanced Water Treatment at RMWD WRF	$88,325,000	4,435	1,435
Option C	RMWD WRF & AWT No Sellback	$95,825,000	4,435	1,527
*Note: RMWD Currently Pays $1,600 AF				

Mr. Kennedy mentioned the consultant would be attending next month's committee meeting to present the revised report. He would send out the revised report two weeks prior to the next committee meeting for review.

Added Agenda Item

EMERGENCY WATER CONTINGENCY PLAN

Mr. Marnett said previously he had asked what would happen if power grid was lost and felt he was not given an answer. He said the idea was to develop a plan if the water from Orville was cut. He briefly outlined an emergency contingency plan for water supply interruptions. Mr. Kennedy went over various methods on how the Emergency Storage Project would ensure water deliveries. He pointed out the District also has portable generators. Discussion ensued.

Mr. Marnett said since the District has emergency plans in place he recommended informing the customers in the newsletter.

13. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING SERVICES COMMITTEE MEETING

The following items were suggested for the next scheduled Engineering Committee Meeting:

- Reimbursement Agreements
- AMI Update
- Meter Testing Results Update
- IPR Final Draft Update
- Capacity Fees
- Pump Station 1 Update

14. ADJOURNMENT

Motion:

To adjourn the meeting.

Action: Adjourn, Moved by Member Prince, Seconded by Member Brazier.

Vote: Motion carried by unanimous roll call vote (summary: Ayes = 7).

Ayes: Member Prince, Member Stitle, Member Brazier, Member Taufer, Member Ratican, Member Robertson, Member Marnett.

The meeting adjourned at 5:18 p.m.

Timothy Prince, Committee Chairperson

Dawn M. Washburn, Board Secretary

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD ACTION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

DISCUSSION AND POSSIBLE ACTION REGARDING EXECUTION OF A JOINT AGREEMENT TO IMPROVE MAJOR SUBDIVISION COUNTY OF SAN DIEGO TRACT NO. 5532-1 AND A JOINT IRREVOCABLE STANDBY LETTER OF CREDIT FOR TOPA TOPA PLACE

BACKGROUND

Topa Topa Place is a 11-lot development off Sterling View Drive and Old Highway 395 as shown in the attached vicinity map. The development is installing improvements in conjunction with the County of San Diego and the District. The District has been working with the developer, Robert Frulla, through plan checking and coordination of the necessary facility improvements to serve the development.

DESCRIPTION

The Joint Agreement is required by the County to ensure all facilities are bonded before they will allow submittal of the Final Map for approval and recording which binds Mr. Frulla to complete necessary improvements for both the County and the District. The development would construct water facility improvements estimated at about $144,100. There are no sewer facilities proposed in this area. Project bonding will be completed with the County through the attached agreement. District legal counsel has reviewed and approved the Joint Agreement and Letter of Credit.

Staff is requesting that Board authorize General Manager to execute the Joint Agreements with the County of San Diego.

POLICY/STRATEGIC PLAN KEY FOCUS AREA

N/A

BOARD OPTIONS/FISCAL IMPACTS

No fiscal impacts. All developments costs are paid for by the developer.

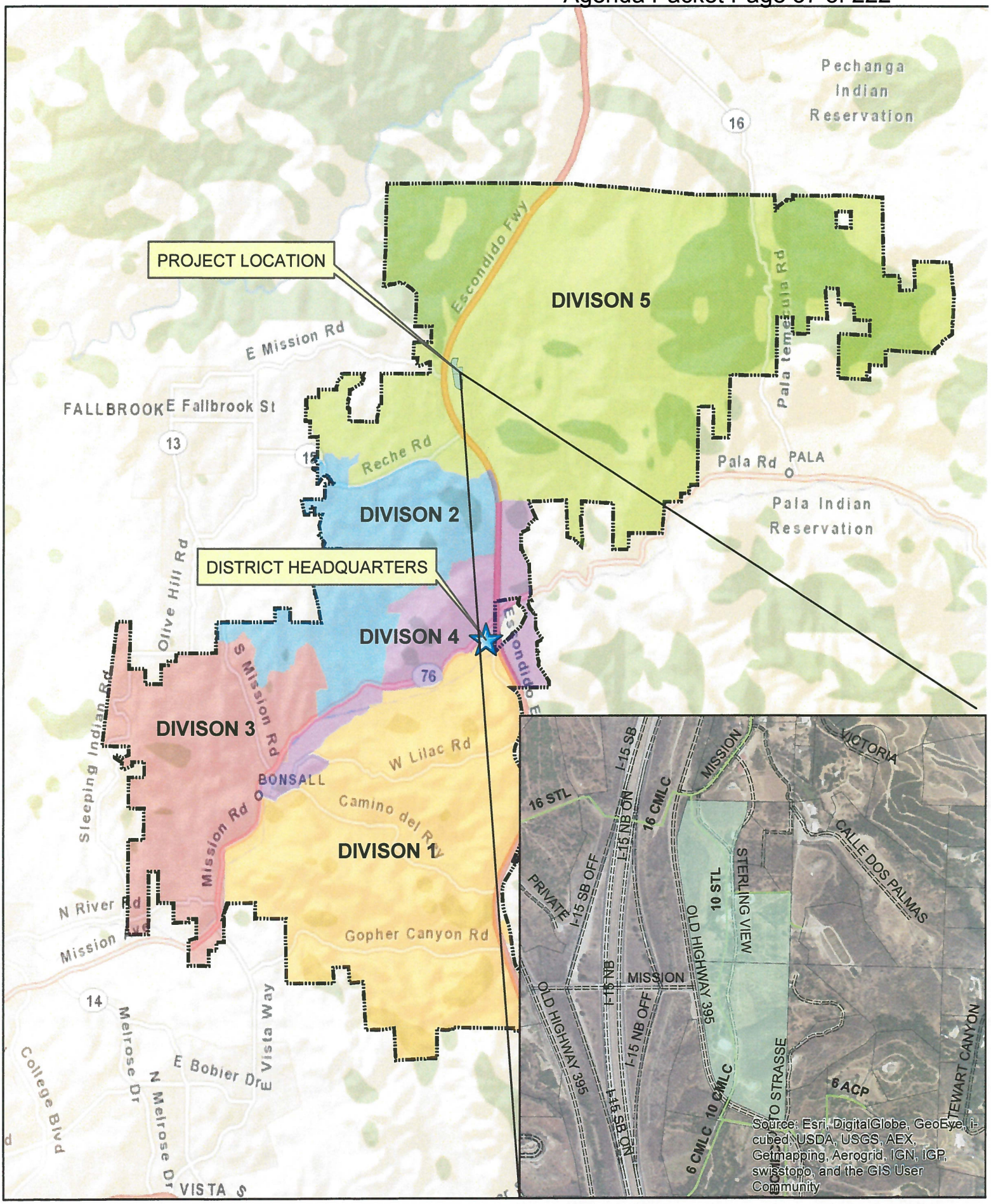
1. Authorize the General Manager to execute Joint Agreements with the County of San Diego
2. Provide other direction to Staff.

STAFF RECOMMENDATION

Staff recommends Option 1.

Sherry Kirkpatrick
Engineering Manager

April 25, 2017



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RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

0 450 900 1,800 2,700 3,600 Feet

TOPA TOPA PLACE TM 5332-1

JOINT AGREEMENT TO IMPROVE MAJOR SUBDIVISION COUNTY OF SAN DIEGO TRACT NO. 5532-1

This Joint Agreement, made and entered into this 4th day of April, 2017, between the County of San Diego, State of California (hereinafter "County"), the Rainbow Municipal Water District (hereinafter "District") and Frulla, Inc., a California corporation(hereinafter "Owner").

WITNESSETH:

WHEREAS, in the near future, the Owner will file with the Board of Supervisors of the County (hereinafter referred to as Board) a Final Map of Subdivision of County of San Diego Tract No. 5532-1, (hereinafter referred to as Final Map) for the Board's approval and for recording; and

WHEREAS, pursuant to Section 66462 of the Subdivision Map Act and Section 81.404 of the San Diego County Code, the Board requires Owner to make or agree to make certain subdivision improvements; **NOW, THEREFORE,**

FIRST: IMPROVEMENTS. Owner agrees as his own cost and expense to furnish all the labor, equipment and material to perform and complete, and within 730 days from the date of the approval of the Final Map by the Board to perform and complete, in a good, workmanlike manner, according to the plans and specifications referred to below, the following improvements:

1. The improvement of the streets and/or easements within the subdivision as shown on the attached plans and specifications as Exhibit 1 and incorporated into this Agreement by reference, together with the improvement of any other streets and/or easements specifically designated by the plans and specifications to be improved.

2. The improvement of the sewer/or water facilities (hereinafter referred to jointly to as "facilities") as shown on the attached plans and specifications as Exhibit 2 and incorporated into the Agreement by reference. These improvements shall be constructed subject to the following additional terms and conditions:

(a) Owner shall convey to District easements covering the property in which the facilities are located in all instances where the facilities are not located in a dedicated street. The plat shall be a reproducible transparency with District's title block and shall fully locate and describe the easement. The standard easement processing fee and the costs of a policy of title insurance insuring title to the easement in the District shall be paid by Owner.

(b) Owner shall pay to District on demand the full amount of

District's costs incurred in connection with the work, including plan checking, inspection, materials furnished, and all other expenses of District directly attributable to the work, plus a reasonable amount for overhead in connection therewith. Owner shall deposit with District concurrently with the execution of this agreement the sum of $ 5,012.00, being the estimated amount of District's expense. Should the expenses incurred by District be in excess of said deposit, Owner shall pay the amount of such excess to District on demand. Should District's expense be less than the amount deposited, District shall refund to Owner the difference upon completion of the work and its acceptance by District.

(c) Owner shall obtain at its expense, all necessary permits required by the County, State or other public agency in connection with the construction of the facilities.

(d) The facilities shall be operated by District in accordance with the rules and regulation of District. Service connection fees and meter costs are not included in the estimated cost of facilities set forth in the Second Paragraph, but shall be an additional sum paid by Owner in accordance with District's rate schedule as it from time to time exists. Water for construction purposes shall be provided upon request in accordance with District's rules and rate schedules.

3. The setting by a licensed surveyor or engineer of all monuments and stakes not installed on the date of recording of the Final Map, and the setting of all monuments and stakes previously installed, but which were removed, altered or destroyed prior to the completion of the improvements and their acceptance of County improvements by the Board. Owner hereby further agrees to pay the engineer or surveyor for setting the monuments, and to secure the obligation to pay the engineer or surveyor by providing security for faithful performance, as set forth in the section herein entitled "Amounts of Security", subject to the following:

(a) Notice of Setting. Pursuant to Section 66497 of the Subdivision Map Act, within five days after the final setting of all monuments has been completed, the engineer or surveyor shall give written notice to Owner, and the County's Director of Public Works (hereinafter referred to as Director) that final monuments have been set.

(b) Payment of Engineer. Upon payment to the engineer or surveyor for setting the final monuments, Owner shall present to the Director evidence of such payment and receipt thereof by the engineer or surveyor. In this event, Owner's security obligations conditioned on payment to the engineer or surveyor, as required by this Paragraph, shall terminate. Where a cash deposit is given by the Owner as security for faithful performance, the Clerk of the Board of County may pay the

engineer or surveyor for setting the final monuments from the cash deposit if so directed by the Director upon the request of Owner.

(c) Nonpayment. If Owner does not present evidence to the Director that he has paid the engineer or surveyor for setting the final monuments, and if the engineer or surveyor notifies the Director that he has not been paid by Owner for setting the final monuments, the County may, within three months from the date of said notification, pay the engineer or surveyor, from any deposit, the amount due.

(d) Death or Disability of Engineer. Pursuant to Section 66498 of the Subdivision Map Act, in the event of death, disability or retirement from practice of the engineer or surveyor charged with the responsibility for setting monuments, or in the event of his refusal to set such monuments, the County may direct the Director, or such engineer or surveyor as it may select, to set the monuments. If the original engineer or surveyor is replaced by another, the former may, by letter to the Director, release his right to set the final monuments to the surveyor or engineer who replaced him. When the monuments are so set, the substitute engineer shall amend any Final Map in accordance with the correction and amendment provisions of Sections 66469 through 66472 of the Subdivision Map Act. All provisions of this Agreement relating to payment shall apply to the service performed by the substitute engineer or surveyor.

4. (___) If preceding blank is checked, erosion control work as shown on the attached plans and specifications as Exhibit 2 and incorporated into this Agreement by reference, is subject to the following:

(a) The tops of all slopes shall be diked to prevent water from flowing over the edge of the slope.

(b) All driveways shall be paved not later than October 1, where their slopes exceed two percent (2%).

(c) As soon as grading is completed, but not late than October 1, the entire area not to be paved immediately will be treated with two to four tons per acre straw mulch, 50 lbs. per acre annual rye grass seed or equivalent as determined by the Director at the time of planting, and 100 lbs. per acre actual nitrogen and phosphate (ammonia phosphate 16-20-0). The mulch shall be tacked in place with a sheepsfoot roller and lightly irrigated. On cut and fill slopes, jute mating shall be installed over the mulch to hold it in place and cutting from small leaf ice plants, or approved equivalent ground cover, shall be planted with spacing approved by the Director prior to October 15.

(d) An irrigation system shall be installed in accordance with the County's standard drawings for irrigation systems and approved by the Director not later than May 15 following the planting of the slopes.

(e) Sandbags shall be placed in gutters as approved by the Director.

(f) Catch basins, stilling basins and storm drain system as approved by the Director shall be installed.

(g) Owner shall maintain the plantings and erosion control measures described herein until release from such obligation by the Director. Owner shall pick up and replace on the slopes all sand intercepted by the sandbags, catch basins and stilling basins after each runoff-producing rainfall.

(h) For purposes of providing for the performance of emergency erosion control work which the Director, in his sole discretion, deems necessary, Owner shall deposit with the Director, in his sole discretion, deems necessary, Owner shall deposit with the Director, the sum of $N/A, which sum is independent of any other improvement security required by the terms of this Agreement.

5. Incomplete Offsite Street and Utility Improvements.

(a) In the event this unit or subsequent units of this project require access across streets that have not been improved and accepted into the public maintained road system, and to the extent that sewer and water facilities to serve this unit or subsequent units are required, the Owner agrees to complete said improvements to the satisfaction of the Director and District prior to requesting acceptance of the improvements secured under this Agreement.

(b) Owner agrees that his or her obligation under this Agreement shall continue in the event of a transfer or sale of this unit or subsequent units to a person or persons who are not parties to this Agreement.

SECOND: INSPECTION, ACCEPTANCE AND COST ESTIMATE. Owner agrees that the work and improvements required in the First Paragraph, subparagraph 2, above shall be done subject to inspection by and to the satisfaction of the District, and the improvements shall not be deemed completed until approved and accepted as completed by the District. Owner agrees that all other work and improvements required in the First Paragraph shall be done subject to inspection by and to satisfaction of the Director and the improvements shall not be deemed completed until approved and accepted as completed by the County. The District and the Director shall be allowed to inspect their respective facilities during all stages of the construction. The District and

the Director shall be notified a minimum of forty-eight (48) hours prior to the commencement of construction of their respective facilities. The estimated costs of the work and improvements specified in the First Paragraph are itemized as follows:

Improvements of the Streets and/or Easements	$ 269,100
Improvements of the Sewer Facilities	$ N/A
Improvements of the Water Facilities	$ 144,100
Setting of Monuments	$ 7,250
Erosion Control Work, if any	$ N/A
Total Estimated Amount	$ 420,450

Owner agrees that his or her obligation under this Agreement extends to the completion of the designated improvements, and that this obligation is not limited by the amount of these cost estimates. Owner further agrees that these cost estimates are estimates only and are not intended to constitute liquidated damages.

THIRD: PARK LAND AND FEES. Section 66477 of the Subdivision Map Act and Section 810.103 of the San Diego County Code required the dedication of land, the payment of fees in lieu thereof, or a combination of both, for park or recreational purposes. Owner hereby agrees to dedicate land and/or pay the County the sum of $ N/A in satisfaction of these requirements.

If land is to be dedicated, pursuant to Section 810.107(b) of the San Diego County Code, Owner agrees to offer the land for dedication prior to the approval of the Final Map by the Board.

If fees alone are to be paid, or fees are to be paid in combination with the dedication of land, pursuant to Section 810.107 (a) and (c) of the San Diego County Code, Owner agrees to pay the full amount specified above prior to the issuance of any building permit or prior to the date upon which all subdivision improvements are to be completed, whichever occurs first. Owner further agrees to secure the obligation to pay the amount required by this Paragraph, by providing security for faithful performance, as set forth in the section herein entitled "Amounts of Security" below, at the time of submitting this Agreement and Final Map for approval by the Board.

FOURTH: DRAINAGE FEES. Government Code Section 66483 and Section 810.208 of the San Diego County Code require the payment of drainage fees. Owner agrees to pay drainage fees to the County in the amount of $___ in satisfaction of these requirements. Owner agrees to pay the full amount specified prior to approval of the Final Map if a reimbursement agreement exists for the Local Drainage Area. If no

reimbursement agreement exists, Owner agrees to pay the fees prior to the earliest of the following:

(a) the date of issuance of any building permit except for building permits for model houses;

(b) the date all subdivision improvements are completed and accepted by the County;

(c) the date construction commences of any portion of a master planned flood control facility within the Local Drainage Area;

(d) the date of execution of a reimbursement agreement for facilities constructed within the Local Drainage Area.

Owner further agrees to secure the obligation to pay the amount required by this paragraph, by providing security for faithful performance, as set forth in the section herein entitled "Amounts of Security" below, at the time of submitting this Agreement and Final Map for approval by the Board.

FIFTH: TAX AND ASSESSMENT LIENS. Section 66493 of the Subdivision Map Act requires Owner to post security whenever any part of the subdivision is subject to a lien for taxes or special assessments collected as taxes which are not yet payable. Owner hereby agrees to pay, or causes to be paid, when due, all State, County, municipal and local taxes, and the current installment of principal and interest of all special assessments collected as taxes which at the time the Final Map is recorded are a lien against such subdivision, or any part thereof, but which are not yet payable. Owner further agrees to secure the obligation to pay such taxes and assessment liens by providing security for faithful performance, as set forth in the section herein entitled "Amounts of Security", at the time of submitting this Agreement and Final Map for approval by the Board.

In accordance with Section 81.104 of the San Diego County Code, whenever security pursuant to this Paragraph is filed with the Board, the Clerk of the Board, upon written notification by the Tax Collector that the total amount of such taxes or special assessments has been paid in full, may release the security.

In the event that the taxes or special assessments are allowed to become delinquent, pursuant to Section 66494 of the Subdivision Map Act, the Clerk of the Board shall apply the proceeds of the security required by this Paragraph to the payment of any such taxes or special assessments, including penalties and costs.

SIXTH: OWNER'S LIABILITY FOR DAMAGES. Neither the District, the County, nor its officers or employees of either shall be liable or responsible for any accident, loss or damage happening or occurring to the work or improvements specified in this Agreement prior to their completion and acceptance. Nor shall the District, County, nor

the officers or employees of either be liable for any person or property injured by reason of the work or improvements. All of the aforesaid liability shall be assumed by Owner. Owner further agrees to protect each District, County, and the officers and employees of either from all liability or claim because of, or arising out of, the use of any patent or patented article in conjunction with the construction of the improvements required by this Agreement.

SEVENTH: OWNER'S LIABILITY FOR EXPENSES. Neither the District, County, nor the officers or employees of either shall be liable for any portion of the expense of the work or improvements specified in this Agreement, or for the payment for any labor or materials furnished in connection with such work or improvements.

EIGHTH: OWNER'S DUTY TO PROTECT PUBLIC. Owner further agrees that, at all times from the acceptance by the District and the Board of the streets and/or easements offered for dedication in this subdivision up to the completion and acceptance of the improvements by the District and the Board, he will give good and adequate warning to the public of each and every dangerous condition existing on the property being improved, and he will protect the public from any and all such defective or dangerous conditions. It is understood and agreed that, until completion of all improvements to be performed under this Agreement, those improvements to be located in the streets and/or easements not accepted as improved shall be under the charge of Owner for the purposes of this Agreement, and Owner, upon receipt of a street closure permit issued by the Director, may close all or any portion of any specified street whenever it is necessary to protect the traveling public during the construction of improvements required by this agreement. Owner further agrees to pay for the inspection of streets and/or easements as may be required by the Director and the District.

NINTH: TYPES OF IMPROVEMENT SECURITY. Pursuant to Sections 66462 and 66499 of the Subdivision Map Act, it is further agreed that Owner shall file security with the District and the Clerk of the Board at the time of submitting this Agreement and Final Map for approval by the Board. The security shall consist of one of the following types:

1. Bond or bonds by one or more duly authorized corporate sureties;

2. A deposit with the District and the Clerk of the Board of money or negotiable bonds of the kind approved for securing deposits of public moneys;

3. An instrument of credit from one or more financial institutions subject to regulation by the state or federal government and pledging that the funds necessary to carry out the obligations of this Agreement are on deposit and guaranteed for payment; or

4. An irrevocable standby letter of credit from one or more financial institutions subject to regulation by the state or federal government.

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TENTH: AMOUNTS OF SECURITY. Security shall be in the following amounts and shall fulfill the following purposes:

1. Security for Faithful Performance. Security given for the faithful performance of all acts and improvements required by this Agreement in amounts not less than one-hundred percent (100%) of the total estimated costs of the improvements or of the acts to be performed, which amounts with the acts or improvements to which they apply are more specifically described as follows:

Work and Improvements	$420,450
Park Land and/or Dedication Fees, if required	$ N/A
Drainage Fees, if required	$ N/A
Tax and Assessment Liens, if required	by separate security
Total Estimated Amount	$420,450

(a) Partial release of Security for Work and Improvements in the First Paragraph. Pursuant to Section 66499.7 of Subdivision Map Act and upon the partial performance of the work as it progresses, Owner may be entitled to partial releases of the security for work and improvements specified in the First Paragraph. However, no reduction in such security will be authorized (1) where the District or the Director determines that more than fifty percent (50%) of the amount of work remains to be completed; (2) where the reduction results in a remaining security of less than 5 percent of the original security; (3) where there has been twice previously processed partial releases of such security in conjunction with this Agreement.

No reduction in security for the work and improvements specified in the first Paragraph will apply to the required warranty period described below, to the five percent (5%) determined necessary for such warranty, or to costs, fees, and reasonable expenses, including attorney's fees.

(b) Completion of Work and Improvements Specified in the First Paragraph. Pursuant to Section 81.408 of the San Diego County Code, in the event that the work and improvements specified in the First Paragraph are completed within the time and upon the terms and conditions of this Agreement, Owner is entitled to a release of the security in a sum equal to ninety-five percent (95%) of the value of such security originally pledged, less previous payments advanced.

(c) Release of Security for Performance of Acts Not Involving Work

and Improvements. Owner is entitled to a release of one-hundred percent (100%) of the security posted for performance of acts or contractual obligations which do not involve the performance of the work and improvements specified in the First Paragraph upon completion of such acts and/or contractual obligations.

(d) Owner's Failure of Performance. In the event that the acts, improvements, or contractual obligations specified herein are not completed within the time and upon the terms and conditions of this Agreement, the District or the County may jointly or severally and independently pursue any or all of the following remedies:

(1) Cause such portions of the work to be done and take such protective measures as are deemed necessary to complete the work. Accordingly, Owner agrees that the District or the County, or the agents, employees or representatives of any of them may enter upon Owner's property to effect the appropriate work and necessary measures.

(2) May apply the security of faithful performance, or any balance thereof, to the construction or completion of the work or installation of improvements or the satisfying of any contractual obligation remaining pursuant to this Agreement.

(3) Pursue legal remedies in any court of competent jurisdiction for damages not covered by the security or to seek specific performance of the terms and conditions of this Agreement.

2. Security for Payment. Good and sufficient security in an amount not less than fifty percent (50%) of the estimated costs specified in the Second Paragraph of the work and improvements required in the First Paragraph, securing payment to contractors, subcontractors, and persons renting equipment or furnishing labor or materials to the contractors or subcontractors for the improvements. This security shall inure to the benefit of any and all person, companies, and corporations entitled to file claims under Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this security.

The security for Payment may, after passage of the time within which claims of lien are required to be recorded pursuant to Article 2 (commencing with Section 8410) of Chapter 4 of Title 2 of Part 6 of Division 4 of the Civil Code and after acceptance of the work by the District and the County, be reduced to an amount not less than the total claimed by all claimants for whom claims of lien have been recorded and notice thereof given in writing to the District and the County, and if no such claims have been

recorded, the security may be released in full.

3. Warranty. A one-year warranty of the work and improvements specified in the First Paragraph secured by continuing in effect for a period of one year five percent (5%) of the security for faithful performance for such work and improvements by the District and the County. Pursuant to this warranty, Owner, at his sole expense, agrees to repair or replace any and all work required under this Agreement that may prove defective in workmanship and/or materials, together with any other work which may be affected by this repair, within a one-year period from the date of acceptance of the work and improvements by the District and the County. Work necessitated, however, by ordinary wear and tear, or unusual abuse or neglect, shall not be included in this warranty.

The District or the Director shall give Owner notice of the existence of such defects in their respective facilities with reasonable promptness. Owner shall notify the District or the Director upon completion of such repairs. Should Owner fail to comply with the District or County's request for repairs within one week of receiving the written notification, the District or the County is authorized to have the defects repaired and made good at the expense of Owner who hereby agrees to pay the cost for such work immediately upon demand. In an emergency, the District or County may repair any defect in their respective facilities without prior notification to Owner. District or the County's decision to repair defects in no way relieves Owner of the warranties given in this provision.

ELEVENTH: CHANGES. Upon mutual consent of the Owner, District or the County, there may be made such changes, alterations, or additions to the plans and specifications for the work and improvements of their respective facilities specified in the First Paragraph which do no exceed ten percent (10%) of the original estimated cost of the work and improvements and which the District or the Director determines to be necessary and desirable for the proper completion of their respective facilities. No changes, alterations, or additions shall relieve any security obligations given for the faithful performance of this Agreement.

TWELFTH: EXTENSION OF TIME. It is further agreed by and between the parties that in the event it is deemed necessary to extend the time of completion of the work and improvements contemplated under this Agreement, said extension may be granted upon the Owner's request by the District for work and improvements to their respective facilities specified in the First Paragraph, subparagraph 2 or by the Board for all other work and improvements or the performance of acts or contractual obligations and shall in no way affect the validity of this Agreement or release any security obligations given for the faithful performance of this Agreement.

THIRTEENTH: COSTS OF ENFORCING JUDGMENT. As part of the security given for the faithful performance of this Agreement and in addition to the face amount specified therefor, there shall be included costs and reasonable fees, including reasonable attorney's fees, incurred by the District or the County in successfully

enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

FOURTEENTH: EXERCISE OF RIGHTS BY DISTRICT OR COUNTY. Whenever in this Joint Agreement reference are made to the rights of "County and/or District" or to "County or District" and the exercise of rights, the parties hereto agree that such rights may be exercised by the County or the District either (1), jointly, or (2) severally and individually with the County or District acting independently of the other.

IN WITNESS WHEREOF the parties have caused this Agreement to be executed the date first above written.

COUNTY OF SAN DIEGO

By: _____
Clerk, Board of Supervisors

RAINBOW MUNICIPAL WATER DISTRICT

By: _____
Name: Title:

FRULLA INC., a California Corporation, Owner

By: _____
Roberto Frulla, President

Note: (1) Signatures must be acknowledged; and,
(2) Appropriate security must be attached.

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ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego)

On April 4th 2017 before me, Gregorio Bautista, Notary Public
(insert name and title of the officer)

personally appeared Roberto Enrico Frulla,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

GREGORIO BAUTISTA
COMM. #2172349
NOTARY PUBLIC - CALIFORNIA
SAN DIEGO COUNTY
My Commission Expires 11/18/2020

Signature _____ **(Seal)**

JOINT IRREVOCABLE STANDBY LETTER OF CREDIT

TO COUNTY OF SAN DIEGO AND THE RAINBOW MUNICIPAL WATER DISTRICT:

1. We, **BOK Financial Security, Inc., an Oklahoma Corporation**

hereby establish our Irrevocable Letter of Credit in your favor up to the aggregate amount of **Six Hundred Thirty Thousand and Six Hundred Seventy-Five Dollars ($630,675.00)** available by your drafts at sight on ourselves and accompanied by documents specified below:

The signed certification of the Director of Public Works of San Diego County or the General Manager of the District that Frulla, Inc., a California Corporation has not complied with the terms and conditions of that certain Joint Agreement to Improve Major Subdivision for County of San Diego Tract No.5332-1; or

The signed certification of the San Diego County Director of Public Works or the General Manager of the District that claims of liens or suits to enforce claims of liens of record have been filed to enforce payments to contractors, subcontractors, laborers and materialmen who have furnished labor or materials to Frulla, Inc., a California Corporation under that certain Joint Agreement to Improve Major Subdivision for County of San Diego Tract No 5332-1.

2. This Letter of Credit shall automatically renew without amendment for a period of one year from the present or any future expiration date hereof, unless thirty (30) days prior to any expiration date we shall notify you in writing at the following addresses that we elect not to consider this Letter of Credit renewed for any such additional period:

Rainbow Municipal Water District
3703 Old Highway 395
Fallbrook, CA 92028

Director of Public Works
Construction Inspection
5510 Overland Avenue, Suite 210
San Diego, CA 92123

Upon receipt by you of such notice, you may draw hereunder by means of your drafts drawn at sight on us.

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3. This Letter of Credit constitutes both:

(a) Performance security in the amount of **Four Hundred Twenty Thousand and Four Hundred Fifty Dollars ($420,450.00)** to guarantee performance of the acts and improvements required pursuant to the Joint Agreement to Improve Major Subdivision; and

(b) Payment security in the amount of **Two Hundred Ten Thousand and Two Hundred Twenty-Five Dollars ($210,225.00)** to guarantee payment to the contractors, subcontractors, and to persons renting equipment or furnishing labor or materials to the contractors and/or subcontractors for the improvements required pursuant to the Joint Agreement to Improve.

4. **BOK Financial Security, Inc., an Oklahoma Corporation** agrees to release this security only in accordance with the following conditions:

A. Performance Security.

(1) As the work progresses, Financial Institution is authorized to make partial releases to Subdivider of the Performance Security. These releases shall not exceed ninety-five percent (95%) of the value of the work performed, where value is measured as the percentage of work completed compared to the total work required under the Joint Agreement to Improve, less the aggregate of previous payments. Financial Institution shall not, however, release any Performance Security until it receives from Subdivider a written estimate of the value of work performed together with a written release and a certification of completion of the work signed by the San Diego County Director of Public Works and the General Manager of the District.

(2) No Performance Security shall be released to Subdivider except as provided in the Section entitled "Amounts of Security" in the Joint Agreement to Improve and subject to the following additional limitations:

(a) The aggregate cost of the work performed since the last partial release must be greater or equal to $15,000; and

(b) Thirty (30) days must have elapsed since the date of the last release.

These additional limitations shall not apply to releases made at, or after, the completion of the entire performance required under the Joint Agreement to Improve.

(3) If the performance required under the Joint Agreement to Improve is completed to the satisfaction of the Director of Public Works and the General Manager of the District, then, upon the Director's and General Manager's written certification of completion, Financial Institution shall release to Subdivider the balance of

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any security held under this Letter of Credit, other than five percent (5%) of the security referred to in Paragraph A.(5) below. The release to Subdivider shall be subject to any fees due Financial Institution pursuant to this Letter of Credit, which fees Subdivider hereby agrees to pay.

(4) If the performance is not completed within the time period specified in the Joint Agreement to Improve, or within any time extension granted pursuant to the Terms of the Joint Agreement to Improve, then, upon receipt of notification and demand by the Director of Public Works or the General Manager of the District, Financial Institution shall pay the balance of any security held to County of San Diego and District to apply to the completion of the performance required under the Joint Agreement to Improve.

(5) Provided it receives no instructions to the contrary from the Director of Public Works or the General Manager of the District, Financial Institution shall release to Subdivider the remaining five percent (5%) of the Performance Security one year after receiving written notice from the Director of Public Works and the General Manager of the District that the performance required by the Joint Agreement to Improve is complete and has been accepted by the Board of Supervisors and the District. However, if during this one year period, the Director of Public Works or the General Manager of the District instructs Financial Institution not to release the remaining five percent (5%), or any part thereof, Financial Institution shall not release the balance of this security until authorized to do so in writing by the Director of Public Works and the General Manager of the District.

B. Payment Security.

Six months after the completion and acceptance of the improvements by the Board of Supervisors and the District, if no claim of lien and no suit has been filed within the time for filing claims of liens to enforce a claim, Financial Institution may release the Payment Security held under this Letter of Credit to Subdivider. Provided, however, the written consent of the Director of Public Works and the General Manager of the District shall first be obtained. The Director of Public Works shall furnish written consent upon certification from the title company that no claims of liens or suits have been filed to enforce a claim of lien or of record.

Expiration date: _____

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BOK Financial Security, Inc., an Oklahoma Corporation

By: _____
Name Title

By: _____
Name Title

_____
Address of Financial Institute & Phone No.:

COUNTY OF SAN DIEGO

By: _____
Clerk, Board of Supervisors

RAINBOW MUNICIPAL WATER DISTRICT

By: _____
Name Title

NOTE: Notary acknowledgment of execution of the Financial Institution must be attached.

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RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD ACTION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

DISCUSSION AND POSSIBLE ACTION TO APPROVE CONTRACT CHANGE ORDER FOR LIFT STATION NO. 1 REPLACEMENT PROJECT

BACKGROUND

District staff and our consultant Kennedy Jenks and Associates (KJ) have been under design for the replacement of Lift Station 1 (LS1) and surrounding pipelines, which require replacement as they are undersized for current and predicted future flows. In addition, certain sections of these pipelines and LS1 are showing signs of deterioration. The initial project concept has changed. Originally, the improvements consisted of upsizing existing sewerlines into a new lift station site located in the Golf Green Estates now called Rio Estrellas and further down to lift station 2 (LS2), located at the intersection of Little Gopher Canyon and Old River Road. The pre-design report summarizing the required improvements included an upsize to the sewer siphon which would be at a depth of approximately 80 feet deep. Due to the maintenance issues of the current siphon and the anticipated maintenance issues from a larger and deeper siphon, District staff, in consultation with the Engineering Services Committee, determined that for the long term operational benefit of the District, we should avoid the installation of a replacement siphon. Also, located adjacent to our existing siphon are cultural grinding stones, making the feasibility of actually being able to construct a replacement siphon extremely difficult, if not impossible. In order to eliminate the sewer siphon, the District must construct a new lift station on the upstream side of the river crossing and pump wastewater through a pipeline attached to the Camino Del Rey Bridge. This lift station is referred to as LS1A.

District staff worked diligently to find a site for LS1A. We had several meetings with Caltrans since there was a potential to put a site on their newly acquired land just west of the Camino Del Rey Bridge. Due to the large amount of mitigation land to offset the site and Caltrans not willing to open their permit for the SR 76 widening for an amendment, the site was deemed unfeasible and KJ was tasked to identify other potential sites for a lift station.

Design for LS1A upstream of the sewer siphon was put on hold until the District could lock down a potential site. The exhibit enclosed summarizes the project design scope. KJ has currently designed a portion of the project which includes LS1B, the sewerline from LS1B to LS2, and the relocation of the pipeline from the proposed mitigation bank to Camino Del Rey.

DESCRIPTION

At the February Board Meeting, the Board of Director's approved the purchase of the potential LS1A site on Thoroughbred Lane. Now that the District has a site for LS1A we can proceed with the remaining design items for the project. This change order includes the design for the lift station, approximately 4,000 feet of force main from the lift station across the Camino Del Rey Bridge to LS1B, redirection of the gravity sewer into the new sewer lift station, environmental permitting, County and Caltrans coordination. Also, included in this change order is the design of a building for the LS1B site for the electrical panel. Originally, we had the electrical panel under a shade structure which was similar to the design of LS2. The electrical

equipment is still exposed to the environmental elements and for security reasons, the District decided to enclose the electrical equipment in a building. Both lift stations are in close proximity to residences, the District is planning on implementing active odor control on each site. This change order includes design of an odor control system for both sites. Enclosed is the proposal from KJ.

The Engineering Services Committee reviewed the proposal and recommends to proceed with the contract change order and remaining design.

POLICY/STRATEGIC PLAN KEY FOCUS AREA

Strategic Focus Area Two: Asset Management. Rehabilitation and expansion of wastewater services to the region.

CAPITAL IMPROVEMENT PROGRAM

Lift Station 1A site =	$740,000
Lift Station 1A site improvements =	$4,345,000
Gravity Sewer =	$370,000
Forcemain over Camino Del Rey Bridge to Old River Road =	$1,110,000
LS1 to LS2 Gravity Sewer on Old River Road =	$2,690,000
Design and Staff time =	$660,000
Total =	**$9,915,000**

BOARD OPTIONS/FISCAL IMPACTS

The current estimate for the LS1A site, gravity sewer and forcemain is $9,915,000 and the District currently has sufficient funds in the Wastewater Expansion and Wastewater Capital Reserves to fund this portion of the project.

1. Authorize staff to execute a change order with Kennedy/Jenks Consultants for a price not-to-exceed $526,647.

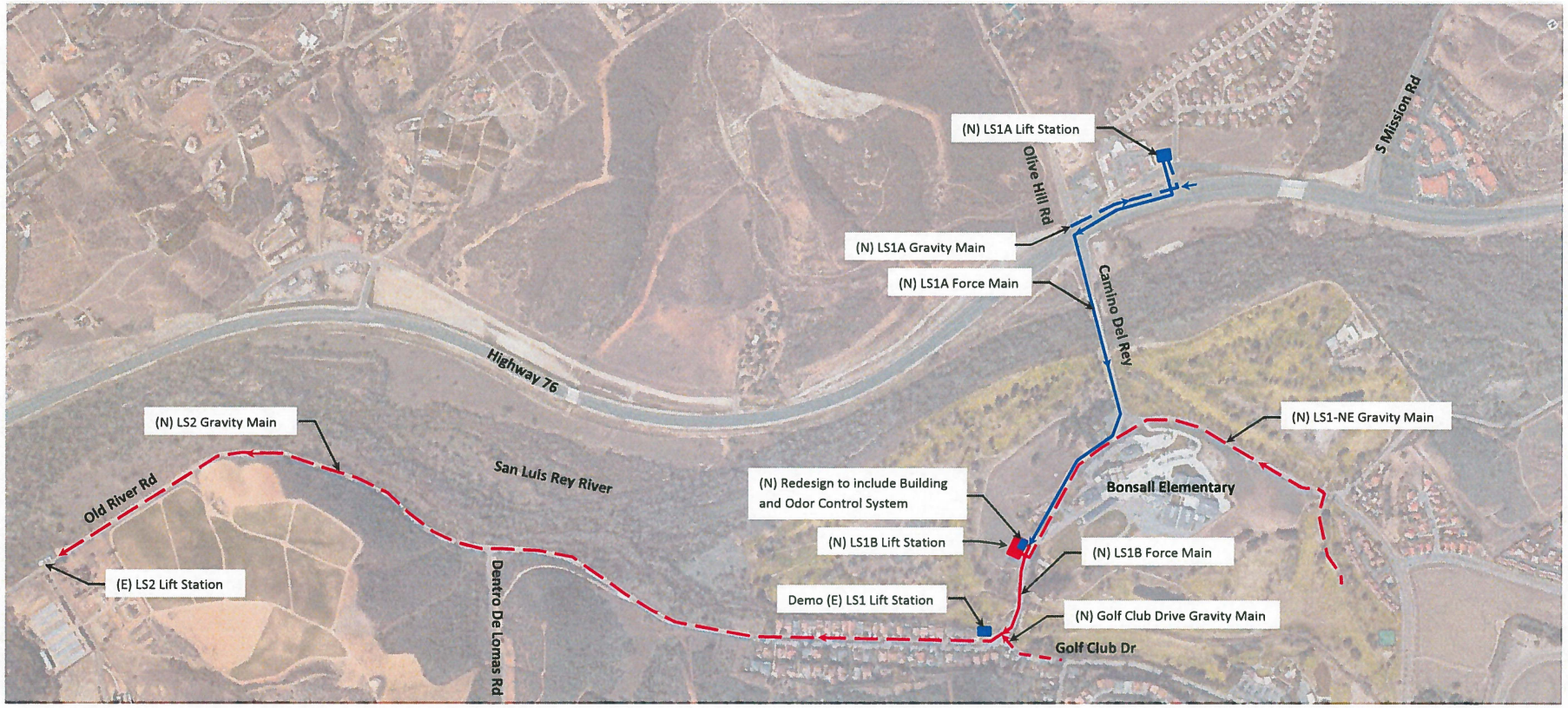
2. Board Option

STAFF RECOMMENDATION

Staff recommends Option 1.

Sherry Kirkpatrick
Engineering Manager

April 25, 2017



Legend:

- Force Main
- Gravity Main
- Part of ongoing LS1B Design
- Part of LS1A Design encompassed in Amendment

Scale: NTS

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Kennedy/Jenks Consultants

Rainbow Municipal Water District
Lift Station 1 Replacement Project

March 2017

Lift Station 1 Amendment Exhibit

Kennedy/Jenks Consultants
Engineers & Scientists
9665 Granite Ridge, Suite 210
San Diego, CA 92123
858-676-7500
FAX: 858-676-3625

March 10, 2017

Ms. Sherry Kirkpatrick
Acting District Engineer
Rainbow Municipal Water District
3707 S Highway 395
Fallbrook, CA 92028

Subject: Additional Services Request No. 10 – Design of LS1A and Additional Items for LS1B Lift Station No. 1 Replacement, Project No. 201040
K/J 1444101*00

Dear Ms. Kirkpatrick:

Kennedy/Jenks Consultants (Kennedy/Jenks) respectfully requests an amendment to our existing contract for additional engineering services for the Lift Station No. 1 Replacement Project for the addition of Lift Station 1A (LS1A), LS1A Force Main, rerouting of gravity sewer line to feed the proposed LS1A and modifications to the LS1B design in accordance with the following scope of services.

Additional Engineering Services

The following is the scope of work for Kennedy/Jenks to provide additional engineering services for two items listed below:

1. The design and bidding services of: the proposed LS1A, approximately 4,000 feet of forced main from LS1A to LS1B and approximately 1,000 feet of redirected gravity sewer line to feed the proposed LS1A as well as the abandonment of the existing gravity line being redirected. The extent of this design is anticipated to be as specified in the Evaluation of LS1A Location Alternatives Technical Memorandum dated July 6, 2016.

2. Design of additional scope items for LS1B, including replacement of the shade structure with an enclosed CMU block building and the addition of an odor control system. The building is anticipated to house:

    a. The electrical and control equipment
    b. The standby generator
    c. Miscellaneous storage of equipment

Task 403 – Geotechnical Investigation (LS1A)

Leighton, as a subconsultant to Kennedy/Jenks, will perform a geotechnical investigation at the LS1A site and along the proposed additional force main and gravity sewer alignment consisting of the following: general review of the geologic conditions based on a desktop review, preliminary geotechnical investigation consisting of six (6) borings located at the site and along the pipeline alignments, perform laboratory tests on selected soil samples and include the findings in a new Lift Station 1A geotechnical report summarizing specific geologic/geotechnical conditions for this additional work. Also included in this investigation the following services are anticipated to be required and shall be performed: encroachment permits for the field work from both County of San Diego and Caltrans, traffic control during field work, utility locates prior to field work, Cal/OSHA tunnel classification for the proposed Hwy 76 boring, groundwater analytical laboratory testing for one location at the proposed LS1A site.

Task 500 – Detailed Design

The scope for the detailed design is broken down in six tasks:

- Tasks 504 and 505 – revisions to the design at LS1B (addition of building and incorporation of an odor control system)

- Task 506 – for the design of the odor control system at LS1A and LS1B, APCD permitting assistance for the generator at LS1A and a noise study at LS1A

- Tasks 507-509 – for the detailed design of LS1A, the LS1A Force Main and the new gravity line feeding LS1A, utilizing the findings from the Evaluation of LS1A Location Alternatives Technical Memorandum dated July 6, 2016

Our proposal assumes that LS1A (and associated pipelines) and LS1B (and associated pipelines) will be two separate bid packages.

LS1B

The revisions to LS1B design to accommodate the addition of odor control and a split face block building to house the electrical and control gear, as well as the standby generator at the LS1B site will require the modification/addition of the following drawings:

specifications will be submitted to the District and County of San Diego (County) for review and comment. The submittal will include drawings, specifications and an updated OPCC. One full size set, three half size and one electronic copy (pdf) of the drawings along with three hard copies of the specs and OPCC will be submitted to the District.

Task 505 – Final Design Submittal (LS1B)

District and County comments on the 100% submittal will be incorporated and the Final Bid Package will be prepared and submitted. The submittal will include two CD's with drawings (PDF and AutoCAD) and specifications (PDF), one hardcopy of the specifications and OPCC, three final full size sets on paper, and one final full size set on Mylar.

Task 506 – Odor Provisions and Air Permitting Assistance (LS1A & B)

DHK Engineers (DHK), as a sub-consultant to Kennedy/Jenks, will provide the following services: odor control provisions at both LS1A and LS1B (evaluate odor potential, and design system to mitigate it), odor control permitting assistance at LS1A (prepare, submit and monitor permit acquisition process), standby generator permitting assistance (prepare, submit and monitor permit acquisition process), as well as noise assessment and modeling at LS1A (assess baseline ambient noise, model and assess predicted noise impacts of LS1A).

LS1A

Kennedy/Jenks will perform the detailed design tasks needed for the successful construction of the proposed LS1A, the LS1A Force Main, and the new gravity sewer line feeding LS1A. Our proposal assumes three design submittals: 60%, 90% and Final. The following preliminary list of drawings is anticipated for a standalone plan set:

27	S-8	Structural Emergency Storage Roof Plan
28	S-9	Structural Emergency Storage Sections
29	S-10	Structural Details #1
30	S-11	Structural Details #1
31	M-1	Mechanical Plan LS1A
32	M-2	Mechanical Sections LS1A
33	M-3	Mechanical Details LS1A
34	M-4	Mechanical Building HVAC LS1A
35	E-1	General Electrical Notes, Legend, & Abbreviations
36	E-2	Electrical Demolition Plan LS1
37	E-3	Electrical Site Plan LS1A
38	E-4	Electrical Partial Plan LS1A
39	E-5	Electrical Single Line Diagram & Elevations LS1A
40	E-6	Electrical Conduit & Wire Schedule
41	E-7	Electrical Control Schematic LS1A
42	E-8	Electrical Details LS1A
43	I-1	Instrumentation Notes Abbreviations
44	I-2	Instrumentation Legend & Symbols
45	I-3	Process & Instrumentation Diagram LS1A #1
46	I-4	Process & Instrumentation Diagram LS1A #2
47	I-5	Instrumentation Control Panel Elevations
48	I-6	Instrumentation Details

review period and final submittal incorporating CalTrans comments will be provided. It is further assumed that all permit fees will be paid directly by the District.

Schedule

Kennedy/Jenks proposes to perform the services described above per the enclosed project schedule.

Assumptions

1) It is assumed that there are two separate bid packages created for this project, the LS1A and the LS1B package.

2) A single bid package was included in the scope prior to this amendment (either for LS1A or LS1B). Bid phase services for the other package are assumed to be provided in a future amendment or under a separate project when it is identified that project is ready to bid.

3) Construction Phase Services and Construction Management Services are not included for either the LS1A or the LS1B bid package.

4) It is assumed that the LS1A Force Main can be attached to the Camino Del Rey bridge over the San Luis Rey River.

5) A single MND/IS document for the CEQA process will be provided including both the LS1A and LS1B designs.

6) Potholing is not included.

7) Traffic Control Plans are assumed to be provided during construction by the Contractor and are not included.

8) Environmental review, studies and/or CEQA documents by HELIX Environmental (our environmental sub-consultant) for the other LS1A siting alternatives is not included.

9) Hydraulic modeling is not included.

10) Building review and permits are not included in this scope.

Proposal Fee Estimate

Kennedy/Jenks Consultants

CLIENT Name: Rainbow Municipal Water District

PROJECT Description: Lift Station No. 1 Replacement Amendment No. 10

Proposal/Job Number: 1444101*00 Date: 3/10/2017

Custom Classification:	Eng-Sci-9	Eng-Sci-8	Eng-Sci-7	Eng-Sci-6	Eng-Sci-5	Eng-Sci-4	Eng-Sci-3	Eng-Sci-2	Designer	Admin. Assist.	Total	Total Labor	Total Subs	Total Expenses	Total Labor + Subs + Expenses
Hourly Rate:	$230	$220	$210	$195	$180	$160	$140	$125	$130	$80	Hours				Fees
Task 100 Project Management															
Task 101 - Proj. Management and Coord. Meetings (5 meetings)				44			20			12	76	$12,340	$0	$370	$12,710
Task 102 - QA/QC	70									8	78	$16,740	$0	$502	$17,242
Task 100 - Subtotal	70	0	0	44	0	0	20	0	0	20	154	$29,080	$0	$872	$29,952
Task 300 Environmental Permitting															
Task 301 - CEQA				6			12				18	$2,850	$43,571	$86	$46,507
Task 300 - Subtotal	0	0	0	6	0	0	12	0	0	0	18	$2,850	$43,571	$86	$46,507
Task 400 Preliminary Design															
Task 402 - Surveying							4		4		8	$1,080	$19,617	$32	$20,730
Task 403 - Geotechnical Investigation				4			4				8	$1,340	$26,565	$40	$27,945
Task 400 - Subtotal	0	0	0	4	0	0	8	0	4	0	16	$2,420	$46,182	$73	$48,675
Task 500 Detailed Design															
Task 504 - 100% Design Submittal (LS1B)	0	0	13	55	25	7	83	0	80	3	265	$41,111	$0	$1,233	$42,344
Task 505 - Final Submittal (LS1B)	0	0	5	23	11	3	35	0	34	1	113	$17,619	$0	$529	$18,148
Task 506 - Odor Provisions and APCD Permitting				4			8				12	$1,900	$35,420	$57	$37,377
Task 507 - 60% Design Submittals (LS1A)	2	0	17	140	36	4	253	0	140	3	594	$92,225	$0	$2,767	$94,992
Task 508 - 90% Design Submittals (LS1A)	3	0	22	180	47	5	325	0	180	4	764	$118,575	$0	$3,557	$122,132
Task 509 - Final Design Submittal (LS1A)	1	0	10	80	21	2	144	0	80	2	340	$52,700	$0	$1,581	$54,281
Task 500 - Subtotal	6	0	66	482	140	20	848	0	514	12	2088	$324,130	$35,420	$9,724	$369,274
Task 800 Additional Regulatory Permitting															
Task 803 - County of San Diego Bridge and Storm (3)				20			40		12	4	76	$11,721	$0	$0	$11,721
Task 804 - CalTrans Permitting Assistance (2)			8	32			64		16	12	132	$19,920	$0	$598	$20,518
											0	$0	$0	$0	$0
Task 800 - Subtotal	0	0	8	52	0	0	104	0	28	16	208	$31,641	$0	$598	$32,239
hidden line - task groups end															
All Tasks (100 to 600) Total	76	0	74	588	140	20	992	0	546	48	2484	$390,121	$125,173	$11,352	$526,647

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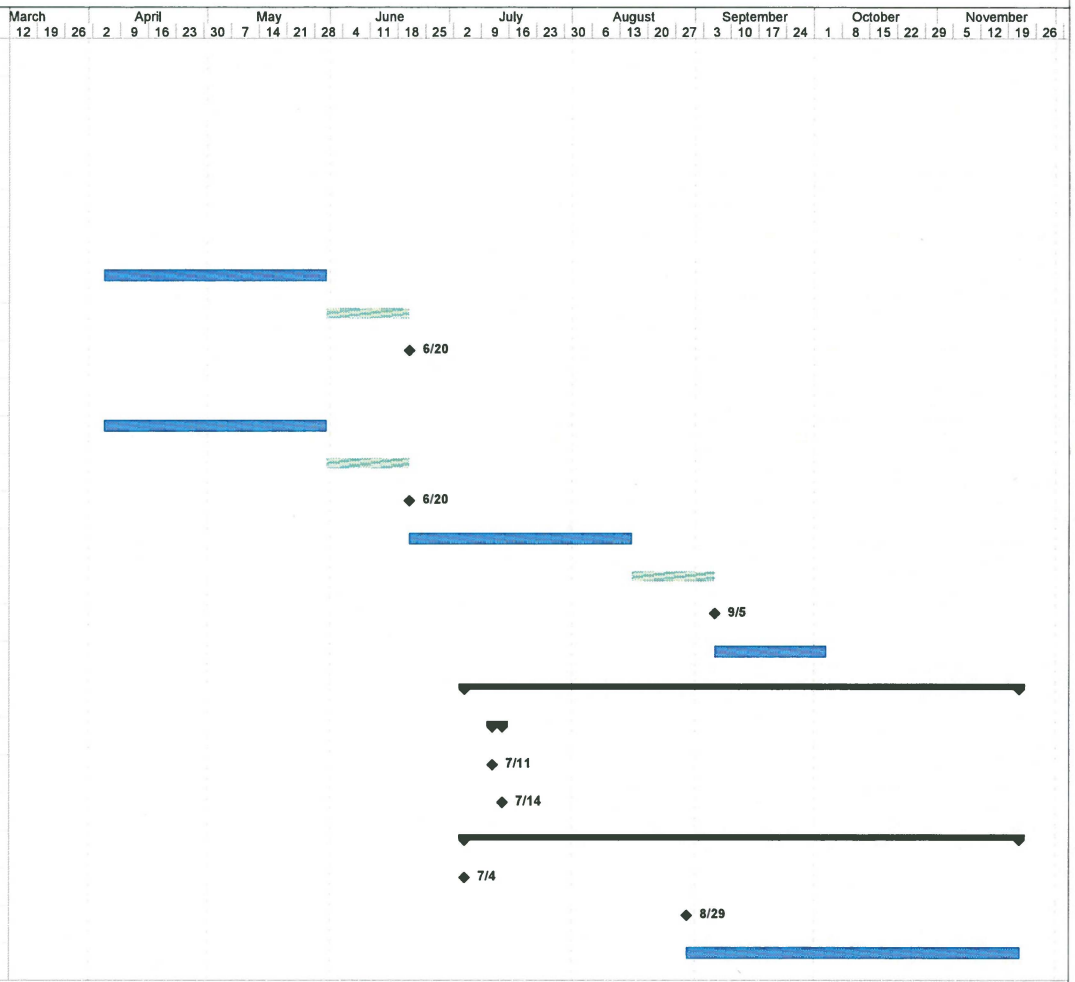
ATTACHMENT B
Rainbow Municipal Water District
Lift Station No. 1 Replacement Project
(Revised March 11, 2017)

ID	Task Name	Duration	Start	Finish	Predecessors
31	Task 503 - 90% Design Submittal	18 wks	Fri 3/18/16	Thu 7/21/16	30
32	District Review	13 wks	Fri 7/22/16	Thu 10/20/16	31
33	90% Design Review Meeting	0 days	Thu 10/20/16	Thu 10/20/16	32
34	Task 504 - 100% Design Submittal	11 wks	Fri 10/21/16	Thu 1/5/17	33
35	District Review	9 wks	Fri 1/6/17	Thu 3/9/17	34
36	100% Design Review Meeting	0 days	Thu 2/16/17	Thu 2/16/17	34FS+6 wks
37	Task 504 - 100% Design Submittal (revised with additional scope)	8 wks	Wed 4/5/17	Tue 5/30/17	2
38	District Review	3 wks	Wed 5/31/17	Tue 6/20/17	37
39	100% Design Review Meeting	0 days	Tue 6/20/17	Tue 6/20/17	38
40	Task 505 - Final Design Submittal (LS1B)	4 wks	Mon 8/2/04	Fri 8/27/04	
41	Task 507 - 60% Design Submittal (LS1A)	8 wks	Wed 4/5/17	Tue 5/30/17	2
42	District Review	3 wks	Wed 5/31/17	Tue 6/20/17	41
43	60% Design Review Meeting	0 days	Tue 6/20/17	Tue 6/20/17	42
44	Task 508 - 90% Design Submittal (LS1A)	8 wks	Wed 6/21/17	Tue 8/15/17	43
45	District Review	3 wks	Wed 8/16/17	Tue 9/5/17	44
46	90% Design Review Meeting	0 days	Tue 9/5/17	Tue 9/5/17	45
47	Task 509 - Final Design Submittal (LS1A)	4 wks	Wed 9/6/17	Tue 10/3/17	43,46
48	**TASK 800 - ADDITIONAL ENVIRONMENTAL PERMITTING**	**100 days**	**Tue 7/4/17**	**Tue 11/21/17**	
49	**Task 803 - County of San Diego Permitting Assistance**	**2.5 days**	**Tue 7/11/17**	**Fri 7/14/17**	
50	Meet with County Bridge to review design	0 wks	Tue 7/11/17	Tue 7/11/17	43FS+3 wks
51	Meet with County to determine connection of storm water	0 wks	Fri 7/14/17	Fri 7/14/17	43FS+3.5 wks
52	**Task 804 - CalTrans Permitting Assistance**	**100 days**	**Tue 7/4/17**	**Tue 11/21/17**	
53	Meet with Caltrans to discuss crossing of Hwy 76	0 wks	Tue 7/4/17	Tue 7/4/17	43FS+2 wks
54	Meet with Caltrans - comments on draft submittal	0 days	Tue 8/29/17	Tue 8/29/17	53FS+8 wks
55	Receive permit acceptance from CalTrans	3 mons	Wed 8/30/17	Tue 11/21/17	54



Project: Lift Station 1 Replacement
Date: Sun 3/12/17

Task | Milestone | Summary | District Reviews

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD ACTION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

DISCUSSION AND POSSIBLE ACTION TO AWARD A PROFESSIONAL SERVICES CONTRACT TO PROVIDE DESIGN SERVICES FOR THE SDCWA EMERGENCY PUMP STATION PROJECT.

BACKGROUND

Every year the San Diego County Water Authority (SDCWA) shuts down certain sections of their aqueduct systems for inspection and maintenance. During these shutdowns, the District rents, installs and operates temporary pump stations in four strategic locations to pump water to areas of the District typically fed by aqueduct connections. The Board has already approved a design contract for the replacement of temporary pumps and connection piping at the Weese Water Filtration Plant. Staff has identified a need for permanent pump stations at two more of these locations; Line P, near West Lilac and Via Ararat, and the Moosa Creek crossing off of Camino Del Rey.

The permanent facilities would eliminate the labor and costs required to set up temporary pumps every year and streamline the process of moving water during shutdowns. The total costs to rent, set up, monitor and maintain the temporary pumps each year vary depending on water demand, but range between $30,000 and $180,000 with an average cost of $100,000. With a total estimated cost of $925,000 for the design, purchase, and installation of the two pump stations, this project would have an eight year payback. Also, the current temporary stations run inefficiently because the pressure must be reduced before pumping due to the pressure restrictions of the available rented pumps. By sizing the pumps correctly, the pressure will not have to be reduced before pumping which decreases the work of the pump. This, along with the change of fuel from diesel to electricity will decrease the cost of running the pumps during the shutdowns.

The permanent pump stations would be more reliable than the temporary pumps currently used and there are several risks associated with the temporary pump stations that would be mitigated by the installation of permanent facilities. The permanent facilities would run on electric power and eliminate the risk of spilling fuel or the prospect of a vehicle hitting the temporary pumps, leading to a loss of water and possible fuel spill/fire. Further, the pumps and controls would be contained within a building to protect them from vandalism, tampering, and the elements.

The prefabricated package pump stations have already been through a preliminary design by the manufacturer, Engineered Fluid, Inc. (EFI). See attached photos. What remains is the design of the improvements to connect the pump stations to the existing system including site piping, geotechnical studies, foundation, and electrical connection. The intent of the design services will be to prepare a full set of plans and specifications suitable for bidding by a public agency.

DESCRIPTION

The District conducted a search and received three proposals for the design work. Staff reviewed the proposals and evaluated them based on the executive summary, project description, identification of the consultant, project organization and experience, past performance, firms local experience, and creative alternatives. The staff evaluation found that Dudek is experienced and qualified to perform the work, staff selected Dudek for this project with a Not-To-Exceed project design cost of $84,923. See Attached Proposal.

POLICY/STRATEGIC PLAN KEY FOCUS AREA

Strategic Focus Area One: Water Resources. The permanent pump stations will give RMWD a permanent solution to water supply issues during the SDCWA treated water shutdowns.
Strategic Focus Area Two: Asset Management. This project replaces a temporary, inefficient pump station with several associated risks with a permanent, efficient solution with significantly less risk.
Strategic Focus Area Four: Fiscal Responsibility. This project will have an eight year payback, after which the district will be saving money for the life of the pump station.

BOARD OPTIONS/FISCAL IMPACTS

The design is included in the District's CIP budget for fiscal year 2016-2017.

1) Authorize staff to award a Professional services contract to Dudek to provide design services for the SDCWA emergency pump station project not to exceed $84,923.
2) Provide other direction to staff.

STAFF RECOMMENDATION

Staff recommends Option 1.

Michael Powers
Associate Engineer

April 25, 2017

DUDEK

605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 F 760.632.0164

January 3, 2017

Mr. Michael Powers, P.E.
Associate Engineer
Rainbow Municipal Water District
3707 Old Hwy 395
Fallbrook, California 92028

Subject: Proposal for the Design of Line P and Moosa Booster Pump Stations

Dear Mr. Powers:

Dudek is pleased to have the opportunity to continue our service to the Rainbow Municipal Water District (District) through this proposal for design of Line P and Moosa Booster Pump Stations. Our proposal demonstrates a thorough understanding of your project goals, and offers a comprehensive approach and dedicated project team for successful completion. We have structured our solutions to allow the District to administer the improvements in a convenient and cost effective manner.

1. UNDERSTANDING OF THE SCOPE OF WORK, APPROACH AND METHODOLOGY

Project Understanding

The original decision to construct temporary pump stations at Line P and Moosa locations was predicated on the assumption that permanent pump stations would only be operated once per year. Dudek, at the time, recommended permanent pump station facilities because of their lower long-term cost. Based upon staff discussions and the data provided, we have developed the following project understanding:

1. The District currently utilizes two temporary water pump stations comprised of mainly rental equipment, including Line P Booster Pump Station at West Lilac Road & Via Ararat Drive and the Moosa Booster Pump Station at Moosa Canyon & Camino Del Rey.
2. These facilities are mainly used during San Diego County Water Authority (SDCWA) shut-downs. The District has determined that it is more cost effective to construct permanent pump stations in place of the temporary facilities.
3. The District has previously completed preliminary sizing and pump selection of two separate duplex pump stations to replace the temporary Moosa and Line P booster pump stations. The pump stations are packaged pump stations, which require design of the general site layout and connection details in order to bring the stations online in the District's system.
4. Both of the packaged pump stations include modular buildings attached to a structural steel base, two pumps (end suction or vertical turbine) with 460 volt 3-phase motors, valving (check valves, gate valves, air release valves and pressure release valves), and control appurtenances.
5. The District's initial investigation suggests the proposed Line P Pump Station will utilize end suction style pumps with 200 Horse Power (HP) motors to provide 2,000 gallons per minute (gpm) flow at 220 feet of total dynamic head (TDH).
6. Initial investigations also suggest that the proposed Moosa Pump Station will utilize Variable Frequency Drives (VFD) in conjunction with 100 HP vertical turbine pumps to provide 1,300 gpm of flow at 210 feet of TDH.
7. Both pump stations will require the use of new structural foundations, as well as electrical connections and SCADA integration.
8. The primary goal for the project is to provide design services for the Line P and Moosa Booster pump stations to construct and install the new permanent facilities.

Methodology and Approach to Accomplish Project Goals

Our design approach for the proposed pump station replacements commences with District staff meetings to discuss and confirm the parameters for the proposed improvements. The project kickoff meeting serves as a coordination meeting between the owner and consultant, where the Dudek team will confirm the District's facilities requirements.

Dudek will provide site research based on review of existing record and design drawings, as well as discussion with District staff. Once preliminary design selections are approved, Dudek will initiate final design document preparation. Dudek will deliver construction plans (drawings), construction cost estimates, and project specifications, required to bid and construct the new improvements. Appurtenant electrical and instrumentation work will be detailed in the approved Contract Documents.

Scope of Work

The following Scope of Work pertains to design of both Line P and Moosa Booster Pump Stations:

Task-1 Background Research and Pump Selection Verification: Dudek will research existing site conditions, facilities, and hydraulics in conjunction with the proposed pump station designs. Dudek will review available record drawings, operating data, manuals, and pump curves, and verify the District's initial booster pump equipment selections. Additionally, Dudek will initiate a geotechnical site study for both booster pump station sites.

Deliverable: *Information gathered during background research will be reflected in development of the Contract Documents.*

Task-2 Construction Plans, Specifications, and Engineer's Cost Opinion: Dudek will develop construction plans and specifications for the proposed pump replacements. The Contract Documents will provide sufficient information for bidding and subsequent construction. Existing improvements and utilities will be shown and labeled. Existing facilities that are to be protected-in-place will be labeled as such. Construction drawings will be prepared on 24" x 34" sheets, using the District's standard title block. The construction document package will be submitted to The District for review in two submittals: 90% and 100%. The Dudek team will address District comments on the 90% submittal. The Dudek Team will prepare technical specifications in CSI format. The District is assumed to furnish the contract front end documents for the project (but can be provided by Dudek if required). Dudek will prepare a detailed line item construction cost opinion using material quantities determined from the drawings.

Deliverables: *Dudek will provide 90% and 100% pre-final submittals in electronic *.pdf format. Final specifications will be submitted in electronic *.doc and *.pdf format and final drawings will be submitted in electronic *.dwg and *.pdf format. Full size (22x34) mylars of final drawings and an unbound hard copy of specifications will be provided at the District's request. The Dudek team will prepare and submit a detailed Engineer's Opinion of Probable Construction Costs with the 90% and 100% submittals.*

Task-3 Project Management Plan and Quality Control

Documents are subject to Dudek in-house quality review procedures prior to submittal to the District for review. Each submittal will be accompanied by a written statement from the principal-in-charge stating that documents being submitted have been reviewed.

Communication is critical, and proactive client communications have always been a part of the Dudek business philosophy. Project Manager, Kate Palmer, will manage the contract and engineering services provided to the District through each phase of the project. She will be responsible for planning, organizing, and controlling resources to achieve your project goals. Ms. Palmer is empowered with sufficient authority, support, and resources to optimize the allocation of resources to meet the project needs.

Dudek will meet with the District, as requested. It is anticipated that two (2) coordination meetings will be necessary to properly coordinate the project. Dudek will prepare Meeting Agendas and maintain Meeting Minutes to document decisions, action items for the project.

2. SIMILAR PROJECT EXPERIENCE

The Dudek team proposed for this Project has worked together on similar projects throughout southern California for over ten years. The following references are provided for your consideration. The Dudek team has additional references available at your request.

BOOSTER PUMP STATIONS E1 AND D2

Client: Joshua Basin Water District
Reference: Kurt Sauer, General Manager, 760.366.8438

Joshua Basin Water District required engineering and environmental services for relocation and upgrading of its E1 and D2 Booster Pump Stations. The two existing booster pump stations were located adjacent to the District's C-1 Reservoir. The stations pump water to the E1 and D2 pressure zones, respectively. The E1 booster station was composed of two 20-horsepower (hp), in-line, submersible horizontal pumps. When the E1 booster pump station was constructed, the C-1 reservoir was located adjacent to the station. Subsequently, the reservoir was relocated to another portion of the site and lowered approximately 15 to 20 feet. This construction resulted in cavitation of the E1 station when the reservoir level fell below 20 feet in depth. The D2 booster pump station was located adjacent to the new reservoir location, and housed two vertical 25 hp centrifugal and one 60 hp horizontal centrifugal pump. The diversity in size and age of the D2 pumps did not support the operational needs of the District. Efficiency and pending pump failure issues also necessitated station upgrade.

Dudek designed a new dual-zone booster station to convey water from the C 1 reservoir to the E1 and D2 pressure zones, respectively. The new station incorporates skid-mounted, package pumping units from Flowtronix, for each pressure zone. The E1 station components include three 50 hp multistage centrifugal pumps. The D2 station components include four 50 hp multistage centrifugal pumps. Each package pumping station was provided with a future connection for one additional pump, a pressure-relief bypass valve, and an ultrasonic flowmeter. Station controls were custom designed for integration into the District's operational scheme and integrated into the District Supervisory Control and Data Acquisition (SCADA) system. An 800-amp manual transfer switch connects the District potable generator to operate the station during loss of commercial power supply. Dudek completed the environmental documentation to facilitate station construction and provided design, bidding assistance, and construction services for the project. The station is the blueprint for future District booster station replacements.

1,600-GPM RECYCLED WATER BOOSTER PUMP STATION

Client: Lee Lake Municipal Water District
Client Reference: CW Colladay, Board President, 949.675.2077

The Lee Lake Water Reclamation Facility (LLWRF) produces recycled water and discharges excess treated effluent to the adjacent Temescal Creek. Desiring more operational flexibility and reliability in its reuse and disposal strategies, the District retained Dudek to design a 2-MG recycled water reservoir, on-site percolation basins, and modifications to the 1,600-gpm recycled water booster pump station. The pump station modifications helped to relieve operational constraints on recycled water production and delivery.

Specific modifications to the recycled water pump station included relocating the (2) 150-hp, 1,600-gpm vertical turbine pumps from their respective pump cans to a new 10-ft diameter clear well. The column and shafting of the pumps were extended and additional bearings were added to the pump column assemblies to prevent potential vibrations due to the lengthened pump columns assemblies and the new installation in the clear well. The project also included design of a 2-MG recycled water reservoir and a percolation basin totaling 5-acres in surface area, multiple 12-inch and 18-inch pipelines to fill/drain reservoir and fill the percolation basins, and perimeter and basin maintenance access roads.

MANGULAR PUMP STATION AND BLEND STATION

Client: City of Corona Department of Water and Power
Client Reference: Jonathan Daly, General Manager, 951.736.2477

Design of nitrate blend station facility, which included a 2,000 gpm, 125 hp, vertical turbine pump-in vault; flow-metering facilities; 12- to 24-inch facility piping; nitrate blending facilities; nitrate sampling and analyzers; flow control and pressure-reducing valve vault; electrical service; motor control center (MCC); non-automatic transfer switch; PLC/SCADA system; radio telemetry; and miscellaneous site upgrades.

3. PROJECT TEAM

Led by Kate Palmer, Dudek's project team brings specialized qualifications with respect to hydraulics and pump station projects. **Table 1** on the following page provides the organizational structure, roles and responsibilities for our proposed team members. Full resumes are included in **Appendix A**.

TABLE 1. TEAM ROLES, RESPONSIBILITIES, AND EXPERIENCE

Name and Project Role	Responsibility
Kate Palmer, PE Project Manager	Responsible for overall project management including direction of technical development, responsible charge for all disciplines and Engineer of Record, team coordination, budget and schedule maintenance, administering meetings, primary point of contact with the District, and oversight of deliverables. Kate has 14 years' experience in all aspects of water quality, water resources and water/wastewater infrastructure.
Michael Metts, PE Principal in Charge & QA/QC	Responsible for general oversight of project execution, allocation of project team resources, client satisfaction assurance, oversight of deliverables, and additional District contact. Responsible for performing quality control reviews and interdisciplinary checks prior to production of deliverables and technical guidance for project-specific issues. Mike has worked with the District and is familiar with site, facilities and infrastructure.
Ian Crano, EIT Lead Project Engineer	Responsible for initial investigations, detailed design development, civil/mechanical calculations and analysis, drawing/design direction, technical specifications, cost estimating, and deliverable production. Ian has provided design services on water resource, wastewater treatment, recycled water, planning, design and construction projects for over 3 years.
Nikki Hunter Designer/Drafting	Responsible for design/drawing development, drafting, and adherence to CAD standards, and plan production for deliverables. Nikki has over 30 years of designer-level experience and has been responsible for the plan preparation of numerous water and wastewater projects.
Subconsultants	
Ninyo & Moore Geotechnical	Ninyo & Moore provides innovative solutions to complex geotechnical and environmental challenges. As a leading geotechnical engineering and consulting firm, they specialize in services to clients in both the public and private sectors.
Kelsey Structural Structural Engineering	Responsible for structural engineering, Kelsey has experience with a wide array of structure types, encompassing water and wastewater treatment plants, pump stations, water storage reservoirs and facilities, infrastructure and military and commercial buildings.
Moraes Pham & Associates Electrical Engineering	Responsible for electrical engineering/SCADA, MPA has more than 30 years of experience providing design of electrical and controls systems for water and wastewater facilities. In the past five years they have designed over 200 such projects for 43 southern California municipal end users.
Guida Surveying Surveying	Guida Survey has over 20 years of surveying experience in construction staking, topography, and all other tasks involved in land surveying. The firm has provided services to numerous water and wastewater municipal and special districts in Southern California.

4. PROJECT SCHEDULE

Understanding the nature of the scope of services and the District's expectations for this project, we anticipate project completion date approximately 20 weeks after NTP.

5. WORK EFFORT AND FEE

Dudek proposes a Time and Materials Not-To-Exceed fee of $84,923 for the scope of work outlined above. **Table 2** provides the anticipated labor hours and fee by task and classification.

TABLE 2. FEE BREAKDOWN

Rainbow Municipal Water District
Design of Line P and Moosa Booster Pump Stations
DUDEK FEE ESTIMATE
1/3/2017

								Subconsultant Fees					
	Project Team Role:	QA/QC	Project Manager	Project Engineer	CAD Designer	TOTAL DUDEK	DUDEK LABOR	Survey	Geotechnical	Structural	Electrical	OTHER DIRECT	TOTAL FEE
	Team Member:	M. Metts	K. Palmer	I. Crano	N. Hunter	HOURS	COSTS	Guida Surveying	Ninyo & Moore	Kelsey Structural	Moraes Pham &	COSTS	
	Billable Rate :	$230	$190	$145	$140			Fee	Fee	Fee	Fee		
Task 1	**Design**												
1.1	Background Research and Pump Selection Verification		2	6		8	$ 1,250						$ 1,25
1.2	Construction Plans, Specifications & Cost Est	8	32	56	72	168	$ 26,120	$5,750	$22,770	$11,500	$14,723	$ 1,000	$ 81,86
1.3	Project Management		8	2		10	$ 1,810						$ 1,81
	Subtotal Task 1	8	42	64	72	186	$ 29,180	$ 5,750	$ 22,770	$ 11,500	$ 14,723	$ 1,000	$ 84,92
	Total Non-Optional Hours and Fee	8	42	64	72	186	$29,180	$ 5,750	$ 22,770	$ 11,500	$ 14,723	$ 1,000	$ 84,92

6. STANDARD CONTRACT LANGUAGE & INSURANCE

Dudek has reviewed the District standard consulting contract and takes no exception to the contract language. Dudek verifies that it maintains the required insurance levels required to provide services to the District.

Again, we are pleased to have the opportunity to be of continued service to the District, and look forward to discussing this project with you in the near future. Until then, please feel free to contact us should you have questions or require additional information.

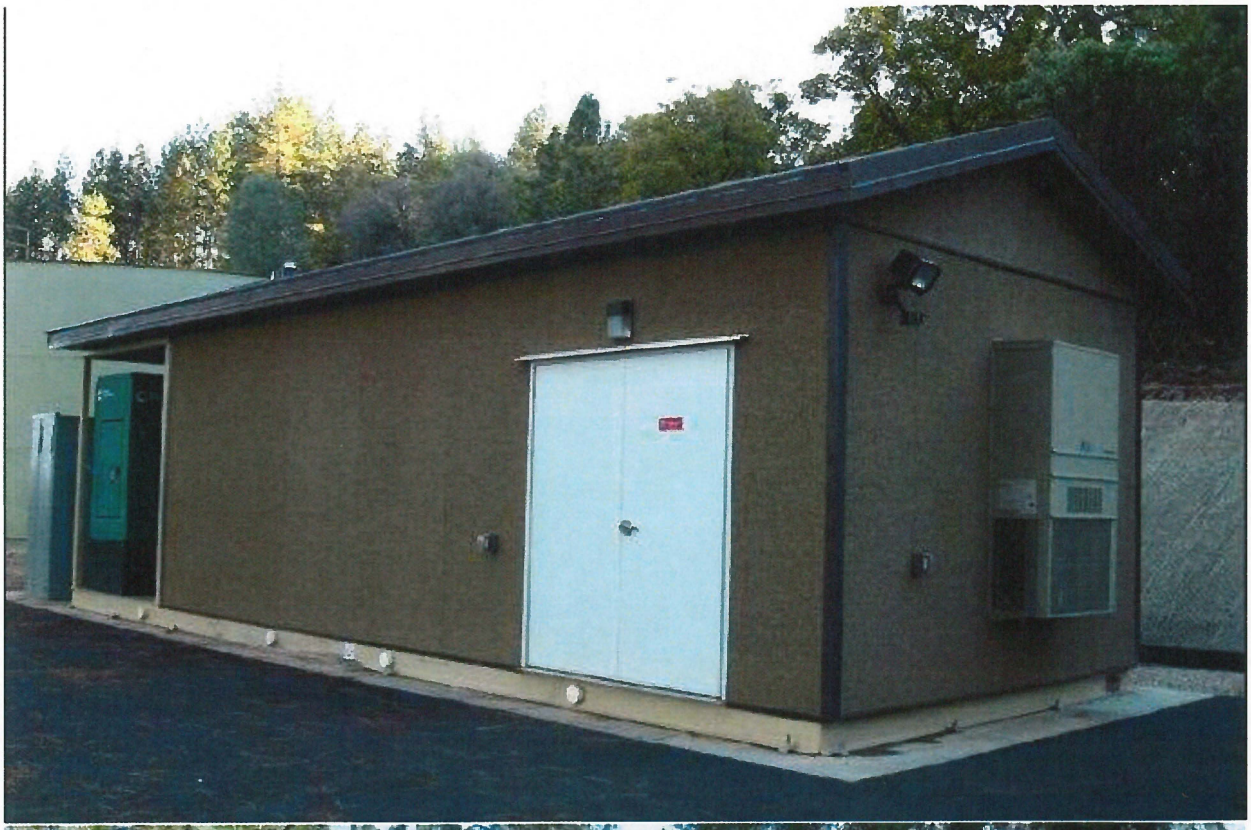
Sincerely,

DUDEK

D. Michael Metts, PE
Principal, Engineering Services Manager
760.479.4111
mmetts@dudek.com

Kate Palmer, PE
Project Manager
760.479.4160
kpalmer@dudek.com

Building Options, From Huntington & Associates, Inc.



RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD ACTION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

DISCUSSION AND POSSIBLE ACTION TO APPROVE ORDINANCE NO. 17-03 AMENDING AND UPDATING ADMINISTRATIVE CODE SECTION 8.20 – CROSS-CONNECTION CONTROL

DESCRIPTION

After reviewing Administrative Code Section 8.20 – Cross-Connection Control, it was observed the policy numbering was out of sequence when approved by the Board on June 28, 2016. This item is to seek Board approval of an amended and updated version of Administrative Code Section 8.20 with the correct numbering sequence.

This item is for housekeeping purposes only. There have been no other changes to Section 8.20 and the latest amendment approved on June 28, 2016 remains in effect.

Both a redline and non-redline version has been provided for reference purposes.

POLICY/STRATEGIC PLAN FOCUS AREA

Administrative Code Section 8.20 – Cross-Connection Control

BOARD OPTIONS/FISCAL IMPACTS

1. Approve Ordinance No. 17-03 amending and updating Administrative Code Section 8.20.
2. Approve Ordinance No. 17-03 with revisions.

STAFF RECOMMENDATION

Staff recommends Option 1.

Tom Kennedy
General Manager

April 25, 2017

Ordinance No. 17-03

Ordinance of the Board of Directors of the Rainbow Municipal Water District Amending the Administrative Code Section 8.20 – Cross-Connection Control

WHEREAS, the Rainbow Municipal Water District has, from time to time, adopted various rules and regulations for the operation of the District; and

WHEREAS, certain of those rules and regulations require updating to reflect best practices, as well as changes in applicable laws; and

WHEREAS, the Board of Directors has determined that changes in the rules or regulations of the District shall occur solely by amendment to the Administrative Code;

NOW, THEREFORE,

BE IT ORDAINED by the Board of Directors of Rainbow Municipal Water District as follows:

1. The following rules and regulations of the District, collected are hereby adopted and shall be incorporated into the Administrative Code, consisting of:

Section 8.20 – Cross-Connection Control

2. The General Manager is hereby directed to update the Administrative Code to reflect the approval of these rules and regulations, and to assign or reassign the numbering of the Administrative Code as necessary to codify these rules and regulations as amended.

3. This ordinance shall take effect immediately upon its adoption on this 25th day of April, 2017.

AYES:
NOES:
ABSTAIN:
ABSENT:

_____
Helene Brazier, Board President

ATTEST:

_____
Dawn Washburn, Board Secretary

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Chapter 8.20
CROSS-CONNECTION CONTROL

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Section 8.20.010
Purpose

The purpose of this chapter is:

A. To protect the District system from the possibility of contamination or pollution, by isolating within customer systems such contaminants or pollutants that have the potential to backflow into the District's potable water system; and

B. To provide for an ongoing program of cross-connection control which will systematically and effectively prevent the contamination or pollution of the District's potable water system; and

C. To meet or exceed Federal and State regulations pertaining to cross-connection control issues.

8.20.020
Legal Basis for Program

All legal authorities and references shall be current versions and revisions.

Authority

1. Code of Federal Regulations, Safe drinking Water Act - most current

2. Code of California Regulations, Titles 17 and 22

3. State of California Water Code, Chapter 1, Section 110. Chapter 8, Section 500 and Chapter 723, Sections 13553, 13554.2, and 13554.3

4. American Water Works Association Manual of Water Supply Practices M14

5. University of Southern California (USC Manual) – latest or current edition

6. California Plumbing Code (CPC)

7. Rainbow Municipal Water District Administrative Code

8.20.030
Definitions

Whenever in this chapter or in any document where they govern, the following terms are used, they shall be defined as follows:

"Air-Gap" is a means of backflow prevention utilizing the unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture or other device and the flood level rim of said vessel. An approved air-gap shall be at least double the diameter of the supply pipe,

measured vertically, above the top of the rim of the vessel; provided however, that in no case shall the air-gap be less than one inch.

"Approved" means accepted by the District as meeting an applicable specification stated or cited in this chapter suitable for the proposed use.

"Auxiliary Water Supply" means any water supply, other than the District's system available to a customer system. These auxiliary supplies may include water from other purveyor's public potable water supply or any natural source(s) such as a well, spring, river, stream, harbor, etc., or used waters or industrial fluids. These waters may be polluted or contaminated, or they may be objectionable, and constitute an unacceptable water source over which the District does not have control.

"Agricultural Properties" is a parcel, lot, grove or residence of any size which is used for an agrarian nature, whether for commercial purposes or not. Typical uses would include, but not be limited to, the practice of cultivating crops, the breeding and raising of livestock, aquaculture and any other form of husbandry.

"Backflow" means the reversal of flow of water or mixtures of water and other liquids, gases or other substances into the District's distribution pipes of water from any source or sources.

"Backflow Preventer" means a device or means designed to prevent backflow or backsiphonage.

"Backpressure" means any elevation of pressure in the downstream piping system (by pump, elevation of piping, or steam and/or air pressure) above the supply pressure at the point of consideration, which would cause, or tend to cause, a reversal of the normal direction of flow.

"Backsiphonage" means the flow of water (or other liquids, mixtures or substances) into the District system from any source caused by the reduction of pressure in the District system.

"Board" means Board of Directors of the Rainbow Municipal Water District.

"Certified Backflow Tester" means a person who has proven his / her ability to test backflow prevention assemblies to the satisfaction of the District and the San Diego County Department of Environmental Health.

"Contamination" means the impairment of the quality of the potable water by sewage, industrial fluids, waste liquids or any other compounds or other materials to a degree which creates an actual hazard to the public health through poisoning or the spreading of disease.

"Control" means the right and power over the quality of water.

"Cross-Connection" means any physical connection, or arrangement of piping or fixtures, between two otherwise separate piping systems, one of which contains potable water and the other of which contains nonpotable water, industrial fluids, or fluids of questionable safety, through which, or because of which, backflow may occur into the District's system. A water service connection between the District system and a customer system which is cross-connected to a contaminated fixture, industrial fluid system or with a potentially contaminated supply or auxiliary water system, constitutes one type of cross-connection. Other types of cross-connections include connectors such as swing connections, removable sections, four-way plug valves, spools, dummy sections of pipe, swivel or change-over devices, sliding multiport tubes, solid connections, garden hoses, etc.

"Cross-Connection Control by Containment" means the installation of an approved backflow prevention device in any customer system chosen as practical for the water service connection.

"District" means Rainbow Municipal Water District.

"Double Check-Detector Backflow Prevention Assembly" (DCDA) means a specially Designed assembly composed of a line-size approved double check valve assembly with a bypass containing a specific water meter and an approved double check valve assembly. The meter shall register accuracy for only very low rates of flow up to 3 GPM.

"Double Check Valve Backflow Prevention Assembly" an assembly composed of two (2) independently acting, approved check valves, including tightly closing resilient seated shut-off valves attached at each end of the assembly and fitted with properly located resilient seated test cocks.

"Health Hazard" means any condition, device or practice in the customer system, or its operation, which endangers, or in the judgment of the District, has the potential to endanger the health and well-being of any water customer.

"Industrial Fluids System" means any system containing a fluid or solution which may be chemically, biologically or otherwise contaminated or polluted in a form or concentration such as would constitute a health, system, pollution or plumbing hazard if introduced into the District system.

"Locked-off" means any water service which has been shut off at the meter by the District.

"Manager" means General Manager of the Rainbow Municipal Water District or his/her authorized representative.

"Nonpotable Water" means water which is not safe for human consumption or which is of questionable potability.

"Plumbing Hazard" means an internal or plumbing type cross-connection in a customer/user's potable water system that may be either a pollution or a contamination-type hazard.

"Pollution" means the presence of any foreign substance (organic, inorganic or biological) in water which tends to degrade its quality so as to constitute a hazard or impair the usefulness or quality of the water to a degree which does not create an actual hazard to the public health but which does adversely and unreasonably affect such waters for domestic use.

"Pollution Hazard" means an actual or potential threat to the physical properties, or to the potability, of the District system, which would constitute a nuisance or be aesthetically objectionable or could cause damage to the District system, but would not be dangerous to health.

"Potable water" means any water which, according to recognized standards is safe for human consumption.

"Potable water service connection" means the terminal end of a service connection from the District system (where the District loses control over the water at its point of delivery to the customer system), being the downstream end of the meter. There should be no unprotected tees/take-offs from the service line upstream of any backflow prevention device. Service connections shall also include temporary connections from a fire hydrant and all other temporary or emergency water service connections from the District system.

"Public Health Agency" means the State Water Resources Control Board or other relevant authority having jurisdiction.

"Reduced Pressure Principle Device" (RP) means a backflow prevention device consisting of an assembly of two independently operating approved check valves with an automatically operating differential relief valve between the two check valves, tightly closing shut-off valves on either side of the check valves, plus properly located test cocks for the testing of the check and relief valves. The entire assembly shall meet the design and performance specifications and approval of a recognized and approved testing agency for backflow prevention assemblies. The device shall operate to maintain the pressure in the zone between the two check valves at a level less than the pressure of the inlet device. At cessation of normal flow the pressure between the two check valves shall be less than the pressure at the inlet of the device. In case of leakage of either of the check valves, the differential relief valve shall operate to maintain the reduced pressure in the zone between the check valves by discharging to the atmosphere. When the inlet pressure is two pounds per square inch or less, the relief valve shall open to the atmosphere. To be approved, these devices must be readily accessible for inline maintenance and testing and be installed in a location where no part of the device will be submerged.

"Reduced Pressure Principle-Detector Backflow Assembly (RPDA)" means a specially designed assembly composed of a line-size approved reduced pressure principle backflow prevention assembly with a bypass containing a specific water meter and an approved reduced pressure principle backflow prevention assembly. The meter shall register for only very low rates of flow up to 3 GPM and shall show a registration for all rates of flow.

"Residential Properties" is a parcel or lot with at least one residence regardless of the lot size, with a primary purpose of providing a dwelling that serves as living quarters for one or more families, and does not meet the definition of an "Agricultural Property".

"Title 17" means California Code of Regulations, Title 17, Public Health Regulations relating to cross-connection.

"Unlocked" means any water service previously shut off by the District which has been turned back on by the District.

"Used Water" means any water supplied by the District from the District system to a customer system that has passed through the metered water service connection and is no longer under the control of the District.

"Water System" The water system is made up of two parts; namely, the District system and the customer systems:

The District system consists of the storage, treatment and distribution facilities under the complete control of the District, up to the point where the customer system begins (immediately after the water meter).

The customer systems consist of all water components beyond the water meter.

8.20.04~~31~~
Degree of Hazard

The District's Cross-Connection Control Specialist will evaluate the degree of potential health hazard to the public water supply as a result of conditions existing on a customer/user's premises. The Cross-Connection Control Specialist will consider the following as a non-exclusive basis for determining if a hazard exists or has the potential to exist:

The existence of an actual cross-connection;
The nature of material handled on the property;
The probability of a backflow occurring;
The degree of piping system complexity and the potential for system modification.

Commercial:
All meters serving commercial properties are required to have District approved backflow devices installed.

Agricultural:

All meters serving Agricultural Properties are required to have District approved backflow devices installed.

Residential:

A backflow device would not be required unless one or more of the following conditions apply:

- Pressure in the customers system that may exceed the water pressure in the District system (onsite pumps, elevation, etc.)
- Auxiliary water system (well, etc.)
- Storage of chemicals, fertilizers, pesticides or any other substance in sufficient quantities or in a manner that has the potential to contaminate the water system.
- For Residential Properties, the District's Cross-Connection Control Specialist may conduct an inspection of the user's property to determine if potential cross-connections have been mitigated through the use of approved measures, such as the installation of approved anti-siphon hose bibs, air gaps on swimming pool fill lines, anti-siphon backflow preventers on irrigation systems, etc.

8.20.0540
Backflow Prevention Device - General Requirements

The District is responsible for the protection of the potable water system from potential contamination or pollution due to the backflow of contaminants or pollutants through the potable water service connections.

An approved backflow prevention device is required at all potable water service connections except for the following:

(1) Any water service connection for single or duplex Residential Properties where the connection is one inch (1") or smaller and the degree of hazard does not rise to the level requiring a backflow device as determined by the District's Cross-Connection Control Specialist.

(2) Any water service connection which is locked off, provided however, that before water service may be unlocked the customer shall comply with all of the backflow prevention provisions of this chapter.

The Cross-Connection Control Specialist shall give notice in writing to all District customers who are required to install an approved backflow prevention device at each potable water service connection. Within the time prescribed by the General Manager or designate, which shall not be less than sixty (60) days, the customer shall install such approved device(s) at the customer's own expense; and failure or refusal or inability on the part of the customer to install said device(s) shall immediately constitute grounds for discontinuing water service to the metered water service connections until the required device(s) have been properly installed.

The District shall maintain records of all approved backflow devices installed in the water system. The District shall also keep records regarding the certification of all devices. The District shall be responsible for notifying each customer/user when a device is required to be installed or tested. Testing of backflow devices shall be done at least annually or more often as the District deems necessary, depending on the degree of hazard. It is the District's primary responsibility to ensure that all testing and record keeping conforms to State Health regulations relating to cross-connections.

8.20.06041
Appeal Procedure

Any customer wishing to appeal a determination of the requirement for installation of a backflow prevention device may do so, in writing, within forty-five (45) days of the date of the first written notification. There will be an Appeal Hearing scheduled for the customer or customer representative to present his arguments against complying with either the directives or the schedule given in the notification. The Appeal Hearing Panel consists of the Engineering Manager and the General Manager. The purpose of the hearing is to confirm, modify or deny the findings of the Cross-Connection Control Specialist. The decision of the Appeal Hearing Panel is final.

8.20.0750
Protection Required Before System Connection

No potable water service connection to any premises shall be placed in service by the District unless the District system is protected as required by this chapter. Service of water to any premises shall be immediately discontinued by the District if a backflow prevention device required by state laws and regulation and by this chapter is not installed, tested and maintained, or if it is found that a backflow prevention device has been removed, by-passed, or if an unprotected cross-connection exists on the premises. Service will not be restored until such conditions or defects are corrected.

8.20.0860
Backflow Prevention Device Installation, Replacement, Relocation, and Repair

1. **Installation:** All backflow prevention devices shall be installed directly behind and as close to the meter as practical but no more than eight (8) feet away, per Rainbow Standards Drawing number W-1. The device is to be installed before any branches, trees, valves and strainers in the water line. Two or more backflow prevention devices of the same type may be installed in parallel when approved by the District. All single device installations shall be the size of the meter or greater. Devices must be installed to the District's specifications. When the street pressure exceeds the maximum working pressure of the backflow device (150 PSI), a pressure regulator can be installed on the upstream leg of the backflow assembly. Pressure regulators can be installed on the downstream leg of the backflow assembly. The District will be the final authority in determining the required location of a backflow prevention device.

Backflow prevention devices shall be tested by a certified tester immediately after they are installed and not placed into service unless they are functioning as required.

2. **Replacement:** A device may be removed and replaced provided the water use is discontinued until the replacement device is installed and tested. All Replacement devices must be approved by the District.

3. **Relocation:** A device may be relocated following confirmation by the District that the relocation will continue to provide the required protection and satisfy installation requirements. A retest will be required following the relocation of the device;

4. **Repair:** A device may be removed for repair; provided the water use is either discontinued until repair is completed and the device is returned to service, or the service connection is equipped with other backflow protection approved by the District. A retest will be required following the repair of the device.

8.20.0970
Systems to be Open for Inspection, Installation and Testing

All customer/user systems shall be available for inspection, installation and testing at all reasonable times to authorized representatives of the District to determine whether cross-connections or other structural or sanitary hazards exist, including violations of this chapter. Refusal of an inspection will result in a mandatory requirement that the water service be locked off until a backflow device is installed or an inspection reveals that no hazard exist. When such a condition becomes known, the District shall deny or immediately discontinue service to the premises by providing for a physical break in the service line until the customer has corrected the condition(s) in conformance with state laws and District ordinances relating to plumbing and water supplies and with regulations adopted pursuant thereto.

8.20.100080
Backflow Prevention Device Required

The District will determine which one of the following backflow prevention devices is required: Reduced Pressure Principle Backflow Prevention Device (RP) or Reduced Pressure-Principle-Detector Backflow Assembly (RPDA). Existing nonconforming devices may remain until they need replacement. If a hazard exist an approved device will be required. The District will be the final authority in determining what type of backflow prevention is required.

When required, a reduced pressure backflow preventer shall be installed immediately after the meter at each and every potable water service connection within the District as required by this chapter.

When required, Reduced Pressure Principle Backflow Prevention Device (RP) will be installed as close to the water service connection as possible. Such backflow protection will be required for but not limited to the following conditions:

- Sewage treatment plants;
- Manufacturing, processing or fabricating plants where toxic materials or water are pumped, processed or treated;
- Any location where the District deems the installation of a Reduced Pressure Principle Backflow Prevention Device (RP) is necessary.

8.20.11~~09~~0
Certification of Backflow Prevention Devices

Any backflow prevention device required by this chapter shall be of a model and size approved by the District. The term "approved backflow prevention device" means a device that has been established by the American Water Works Association, as set forth in its publication entitled, AWWA C511-89 Standards for Reduce Pressure Principle Backflow Prevention Devices, and meets the most current edition of the Manual of Cross-Connection Control of the Foundation for Cross-Connection Control and Hydraulic Research of the University of Southern California.

Final approval shall be evidenced by a certificate of approval issued by an approved testing laboratory, certifying full compliance with said AWWA Standards and FCC&HR Specifications.

The following testing laboratory is approved by the board to test and certify backflow preventers: Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California, KAP-200 University Park MC-2531, Los Angeles, California 90089-2531.

Backflow preventers which may be subjected to back pressure or backsiphonage that have been fully tested and have been granted a certificate of approval by said approved laboratory and are listed on the laboratory's current list of approved devices may be used.

8.20.12~~0~~0
Existing Devices

All presently installed backflow prevention devices previously approved by the District shall be deemed to comply with the requirements of this chapter provided such devices meet current performance and testing requirements. Existing devices which do not meet current performance or testing requirements shall be repaired or replaced by a backflow prevention device meeting the requirements of this chapter. Any such replacement cost will be borne by the customer/user.

Existing nonconforming devices may remain until they need replacement. If a hazard exists an approved device will be required. The District will be the final authority in determining what type of backflow prevention is required.

Any existing Double Check-Detector Backflow Prevention Assembly (DCDA) devices needing to be replaced shall be replaced with a Reduced Pressure Principal Detector Backflow Prevention Assembly. Any existing Double Check Valve Backflow Prevention Assembly needing to be replaced shall be replaced with a Reduced Pressure Principal Device (RP) if a hazard exists.

Existing devices not required by this ordinance may be:

- Maintained and tested at owners expense
- Removed at owners expense if District determines no hazard exist

It is the customer's responsibility to notify the District if they wish to withdraw from the testing program under this provision. An inspection would be required before withdrawing or removing from the program.

8.20.13~~1~~0
Inspections and Testing Responsibility

The customer/user is responsible for insuring the annual testing and making any necessary repairs to pass the test. The District will maintain a record of testing performed and a calendar indicating when the next test is required. The District has retained the services of a licensed contractor to administer the testing and monitoring program. Customers may elect to be included in this monitoring group and their devices will be tested annually by the contractor. The District shall pass its actual cost for the testing on to the customer in a monthly cross-connection control fee.

All other expenses where backflow prevention devices are installed, replaced, relocated, repaired or overhauled are the responsibility of the customer. All inspections and operational tests will be made by a certified tester. In those instances where the District deems the hazard to be great enough, it may require certified inspections at more frequent intervals. These inspections and tests shall be at the expense of the customer/user, and shall be performed by a District-approved certified tester. It shall be the duty of the District to see that these timely tests are to be undertaken so that District personnel may witness the tests if it is so desired. These devices shall be repaired, overhauled or replaced at the expense of the customer/user whenever said devices are found to be defective. Records of such tests, repairs and overhaul shall be kept on file with the District.

8.20.14~~2~~0
Noncompliance, Penalties

In the event a customer is notified that a backflow device shall be installed or tested on the customer's service connection and a reasonable compliance time has been allowed by the District in which the customer has not complied with the District's request, then the customer's water service shall be locked off. The customer's water service shall remain locked until an approved backflow device is installed and/or tested by a certified backflow tester; and all unlock fees are paid.

If a device is found to be tampered with or any deliberate action to impede the function of the backflow device, the service will be locked immediately and the customer will be responsible for paying all costs and fines associated with the violation.

8.20.15~~3~~0
Monthly Charges

Monthly charges will be established by the District as necessary. The purpose of such charges will be to cover the cost incurred by the District for regulation and enforcement of the cross-connection control regulations and annual testing of customer backflow devices and the repair if necessary to pass test.

8.20.16~~4~~0
Interpretation of Provisions

This chapter and Title 17 of the California Code of Regulations shall guide the District in the implementing and functioning of its backflow prevention program. In instances where this chapter does not define the application of the backflow prevention program the District shall reply on Title 17 of the California Code of Regulations for definition. In instances where this chapter or said Title 17 does not give definition then the District shall rely on the State Water Resources Control Board.

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Chapter 8.20
CROSS-CONNECTION CONTROL

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Section 8.20.010
Purpose

The purpose of this chapter is:

A. To protect the District system from the possibility of contamination or pollution, by isolating within customer systems such contaminants or pollutants that have the potential to backflow into the District's potable water system; and

B. To provide for an ongoing program of cross-connection control which will systematically and effectively prevent the contamination or pollution of the District's potable water system; and

C. To meet or exceed Federal and State regulations pertaining to cross-connection control issues.

8.20.020
Legal Basis for Program

All legal authorities and references shall be current versions and revisions.

Authority

1. Code of Federal Regulations, Safe drinking Water Act - most current

2. Code of California Regulations, Titles 17 and 22

3. State of California Water Code, Chapter 1, Section 110. Chapter 8, Section 500 and Chapter 723, Sections 13553, 13554.2, and 13554.3

4. American Water Works Association Manual of Water Supply Practices M14

5. University of Southern California (USC Manual) – latest or current edition

6. California Plumbing Code (CPC)

7. Rainbow Municipal Water District Administrative Code

8.20.030
Definitions

Whenever in this chapter or in any document where they govern, the following terms are used, they shall be defined as follows:

"Air-Gap" is a means of backflow prevention utilizing the unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture or other device and the flood level rim of said vessel. An approved air-gap shall be at least double the diameter of the supply pipe, measured vertically, above the top of the rim of the vessel; provided however, that in no case shall the air-gap be less than one inch.

"Approved" means accepted by the District as meeting an applicable specification stated or cited in this chapter suitable for the proposed use.

"Auxiliary Water Supply" means any water supply, other than the District's system available to a customer system. These auxiliary supplies may include water from other purveyor's public potable water supply or any natural source(s) such as a well, spring, river, stream, harbor, etc., or used waters or industrial fluids. These waters may be polluted or contaminated, or they may be objectionable, and constitute an unacceptable water source over which the District does not have control.

"Agricultural Properties" is a parcel, lot, grove or residence of any size which is used for an agrarian nature, whether for commercial purposes or not. Typical uses would include, but not be limited to, the practice of cultivating crops, the breeding and raising of livestock, aquaculture and any other form of husbandry.

"Backflow" means the reversal of flow of water or mixtures of water and other liquids, gases or other substances into the District's distribution pipes of water from any source or sources.

"Backflow Preventer" means a device or means designed to prevent backflow or backsiphonage.

"Backpressure" means any elevation of pressure in the downstream piping system (by pump, elevation of piping, or steam and/or air pressure) above the supply pressure at the point of consideration, which would cause, or tend to cause, a reversal of the normal direction of flow.

"Backsiphonage" means the flow of water (or other liquids, mixtures or substances) into the District system from any source caused by the reduction of pressure in the District system.

"Board" means Board of Directors of the Rainbow Municipal Water District.

"Certified Backflow Tester" means a person who has proven his / her ability to test backflow prevention assemblies to the satisfaction of the District and the San Diego County Department of Environmental Health.

"Contamination" means the impairment of the quality of the potable water by sewage, industrial fluids, waste liquids or any other compounds or other materials to a degree which creates an actual hazard to the public health through poisoning or the spreading of disease.

"Control" means the right and power over the quality of water.

"Cross-Connection" means any physical connection, or arrangement of piping or fixtures, between two otherwise separate piping systems, one of which contains potable water and the other of which contains nonpotable water, industrial fluids, or fluids of questionable safety, through which, or because of which, backflow may occur into the District's system. A water service connection between the District system and a customer system which is cross-connected to a contaminated fixture, industrial fluid system or with a potentially contaminated supply or auxiliary water system, constitutes one type of cross-connection. Other types of cross-connections include connectors such as swing connections, removable sections, four-way plug valves, spools, dummy sections of pipe, swivel or change-over devices, sliding multiport tubes, solid connections, garden hoses, etc.

"Cross-Connection Control by Containment" means the installation of an approved backflow prevention device in any customer system chosen as practical for the water service connection.

"District" means Rainbow Municipal Water District.

"Double Check-Detector Backflow Prevention Assembly" (DCDA) means a specially Designed assembly composed of a line-size approved double check valve assembly with a bypass containing a specific water meter and an approved double check valve assembly. The meter shall register accuracy for only very low rates of flow up to 3 GPM.

"Double Check Valve Backflow Prevention Assembly" an assembly composed of two (2) independently acting, approved check valves, including tightly closing resilient seated shut-off valves attached at each end of the assembly and fitted with properly located resilient seated test cocks.

"Health Hazard" means any condition, device or practice in the customer system, or its operation, which endangers, or in the judgment of the District, has the potential to endanger the health and well-being of any water customer.

"Industrial Fluids System" means any system containing a fluid or solution which may be chemically, biologically or otherwise contaminated or polluted in a form or concentration such as would constitute a health, system, pollution or plumbing hazard if introduced into the District system.

"Locked-off" means any water service which has been shut off at the meter by the District.

"Manager" means General Manager of the Rainbow Municipal Water District or his/her authorized representative.

"Nonpotable Water" means water which is not safe for human consumption or which is of questionable potability.

"Plumbing Hazard" means an internal or plumbing type cross-connection in a customer/user's potable water system that may be either a pollution or a contamination-type hazard.

"Pollution" means the presence of any foreign substance (organic, inorganic or biological) in water which tends to degrade its quality so as to constitute a hazard or impair the usefulness or quality of the water to a degree which does not create an actual hazard to the public health but which does adversely and unreasonably affect such waters for domestic use.

"Pollution Hazard" means an actual or potential threat to the physical properties, or to the potability, of the District system, which would constitute a nuisance or be aesthetically objectionable or could cause damage to the District system, but would not be dangerous to health.

"Potable water" means any water which, according to recognized standards is safe for human consumption.

"**Potable water service connection"** means the terminal end of a service connection from the District system (where the District loses control over the water at its point of delivery to the customer system), being the downstream end of the meter. There should be no unprotected tees/take-offs from the service line upstream of any backflow prevention device. Service connections shall also include temporary connections from a fire hydrant and all other temporary or emergency water service connections from the District system.

"Public Health Agency" means the State Water Resources Control Board or other relevant authority having jurisdiction.

"Reduced Pressure Principle Device" (RP) means a backflow prevention device consisting of an assembly of two independently operating approved check valves with an automatically operating differential relief valve between the two check valves, tightly closing shut-off valves on either side of the check valves, plus properly located test cocks for the testing of the check and relief valves. The entire assembly shall meet the design and performance specifications and approval of a recognized and approved testing agency for backflow prevention assemblies. The device shall operate to maintain the pressure in the zone between the two check valves at a level less than the pressure of the inlet device. At cessation of normal flow the pressure between the two check valves shall be less than the pressure at the inlet of the device. In case of leakage of either of the check valves, the differential relief valve shall operate to maintain the reduced pressure in the zone between the check valves by discharging to the atmosphere. When the inlet pressure is two pounds per square inch or less, the relief valve shall open to the atmosphere. To be approved, these devices must be readily accessible for inline maintenance and testing and be installed in a location where no part of the device will be submerged.

"Reduced Pressure Principle-Detector Backflow Assembly (RPDA)" means a specially designed assembly composed of a line-size approved reduced pressure principle backflow prevention assembly with a bypass containing a specific water meter and an approved reduced pressure principle backflow prevention assembly. The meter shall register for only very low rates of flow up to 3 GPM and shall show a registration for all rates of flow.

"Residential Properties" is a parcel or lot with at least one residence regardless of the lot size, with a primary purpose of providing a dwelling that serves as living quarters for one or more families, and does not meet the definition of an "Agricultural Property".

"Title 17" means California Code of Regulations, Title 17, Public Health Regulations relating to cross-connection.

"Unlocked" means any water service previously shut off by the District which has been turned back on by the District.

"Used Water" means any water supplied by the District from the District system to a customer system that has passed through the metered water service connection and is no longer under the control of the District.

"Water System" The water system is made up of two parts; namely, the District system and the customer systems:

The District system consists of the storage, treatment and distribution facilities under the complete control of the District, up to the point where the customer system begins (immediately after the water meter).

The customer systems consist of all water components beyond the water meter.

8.20.040
Degree of Hazard

The District's Cross-Connection Control Specialist will evaluate the degree of potential health hazard to the public water supply as a result of conditions existing on a customer/user's premises. The Cross-Connection Control Specialist will consider the following as a non-exclusive basis for determining if a hazard exists or has the potential to exist:

The existence of an actual cross-connection;
The nature of material handled on the property;
The probability of a backflow occurring;
The degree of piping system complexity and the potential for system modification.

Commercial:
All meters serving commercial properties are required to have District approved backflow devices installed.

Agricultural:

All meters serving Agricultural Properties are required to have District approved backflow devices installed.

Residential:

A backflow device would not be required unless one or more of the following conditions apply:

- Pressure in the customers system that may exceed the water pressure in the District system (onsite pumps, elevation, etc.)
- Auxiliary water system (well, etc.)
- Storage of chemicals, fertilizers, pesticides or any other substance in sufficient quantities or in a manner that has the potential to contaminate the water system.
- For Residential Properties, the District's Cross-Connection Control Specialist may conduct an inspection of the user's property to determine if potential cross-connections have been mitigated through the use of approved measures, such as the installation of approved anti-siphon hose bibs, air gaps on swimming pool fill lines, anti-siphon backflow preventers on irrigation systems, etc.

8.20.050
Backflow Prevention Device - General Requirements

The District is responsible for the protection of the potable water system from potential contamination or pollution due to the backflow of contaminants or pollutants through the potable water service connections.

An approved backflow prevention device is required at all potable water service connections except for the following:

(1) Any water service connection for single or duplex Residential Properties where the connection is one inch (1") or smaller and the degree of hazard does not rise to the level requiring a backflow device as determined by the District's Cross-Connection Control Specialist.

(2) Any water service connection which is locked off, provided however, that before water service may be unlocked the customer shall comply with all of the backflow prevention provisions of this chapter.

The Cross-Connection Control Specialist shall give notice in writing to all District customers who are required to install an approved backflow prevention device at each potable water service connection. Within the time prescribed by the General Manager or designate, which shall not be less than sixty (60) days, the customer shall install such approved device(s) at the customer's own expense; and failure or refusal or inability on the part of the customer to install said device(s) shall immediately constitute grounds for discontinuing water service to the metered water service connections until the required device(s) have been properly installed.

The District shall maintain records of all approved backflow devices installed in the water system. The District shall also keep records regarding the certification of all devices. The District shall be responsible for notifying each customer/user when a device is required to be installed or tested. Testing of backflow devices shall be done at least annually or more often as the District deems necessary, depending on the degree of hazard. It is the District's primary responsibility to ensure that all testing and record keeping conforms to State Health regulations relating to cross-connections.

8.20.060
Appeal Procedure

Any customer wishing to appeal a determination of the requirement for installation of a backflow prevention device may do so, in writing, within forty-five (45) days of the date of the first written notification. There will be an Appeal Hearing scheduled for the customer or customer representative to present his arguments against complying with either the directives or the schedule given in the notification. The Appeal Hearing Panel consists of the Engineering Manager and the General Manager. The purpose of the hearing is to confirm, modify or deny the findings of the Cross-Connection Control Specialist. The decision of the Appeal Hearing Panel is final.

8.20.070
Protection Required Before System Connection

No potable water service connection to any premises shall be placed in service by the District unless the District system is protected as required by this chapter. Service of water to any premises shall be immediately discontinued by the District if a backflow prevention device required by state laws and regulation and by this chapter is not installed, tested and maintained, or if it is found that a backflow prevention device has been removed, by-passed, or if an unprotected cross-connection exists on the premises. Service will not be restored until such conditions or defects are corrected.

8.20.080
Backflow Prevention Device Installation, Replacement, Relocation, and Repair

1. **Installation:** All backflow prevention devices shall be installed directly behind and as close to the meter as practical but no more than eight (8) feet away, per Rainbow Standards Drawing number W-1. The device is to be installed before any branches, trees, valves and strainers in the water line. Two or more backflow prevention devices of the same type may be installed in parallel when approved by the District. All single device installations shall be the size of the meter or greater. Devices must be installed to the District's specifications. When the street pressure exceeds the maximum working pressure of the backflow device (150 PSI), a pressure regulator can be installed on the upstream leg of the backflow assembly. Pressure regulators can be installed on the downstream leg of the backflow assembly. The District will be the final authority in determining the required location of a backflow prevention device.

Backflow prevention devices shall be tested by a certified tester immediately after they are installed and not placed into service unless they are functioning as required.

2. **Replacement:** A device may be removed and replaced provided the water use is discontinued until the replacement device is installed and tested. All Replacement devices must be approved by the District.

3. **Relocation:** A device may be relocated following confirmation by the District that the relocation will continue to provide the required protection and satisfy installation requirements. A retest will be required following the relocation of the device;

4. **Repair:** A device may be removed for repair; provided the water use is either discontinued until repair is completed and the device is returned to service, or the service connection is equipped with other backflow protection approved by the District. A retest will be required following the repair of the device.

8.20.090
Systems to be Open for Inspection, Installation and Testing

All customer/user systems shall be available for inspection, installation and testing at all reasonable times to authorized representatives of the District to determine whether cross-connections or other structural or sanitary hazards exist, including violations of this chapter. Refusal of an inspection will result in a mandatory requirement that the water service be locked off until a backflow device is installed or an inspection reveals that no hazard exist. When such a condition becomes known, the District shall deny or immediately discontinue service to the premises by providing for a physical break in the service line until the customer has corrected the condition(s) in conformance with state laws and District ordinances relating to plumbing and water supplies and with regulations adopted pursuant thereto.

8.20.100
Backflow Prevention Device Required

The District will determine which one of the following backflow prevention devices is required: Reduced Pressure Principle Backflow Prevention Device (RP) or Reduced Pressure-Principle-Detector Backflow Assembly (RPDA). Existing nonconforming devices may remain until they need replacement. If a hazard exist an approved device will be required. The District will be the final authority in determining what type of backflow prevention is required.

When required, a reduced pressure backflow preventer shall be installed immediately after the meter at each and every potable water service connection within the District as required by this chapter.

When required, Reduced Pressure Principle Backflow Prevention Device (RP) will be installed as close to the water service connection as possible. Such backflow protection will be required for but not limited to the following conditions:

- Sewage treatment plants;
- Manufacturing, processing or fabricating plants where toxic materials or water are pumped, processed or treated;
- Any location where the District deems the installation of a Reduced Pressure Principle Backflow Prevention Device (RP) is necessary.

8.20.110
Certification of Backflow Prevention Devices

Any backflow prevention device required by this chapter shall be of a model and size approved by the District. The term "approved backflow prevention device" means a device that has been established by the American Water Works Association, as set forth in its publication entitled, AWWA C511-89 Standards for Reduce Pressure Principle Backflow Prevention Devices, and meets the most current edition of the Manual of Cross-Connection Control of the Foundation for Cross-Connection Control and Hydraulic Research of the University of Southern California.

Final approval shall be evidenced by a certificate of approval issued by an approved testing laboratory, certifying full compliance with said AWWA Standards and FCC&HR Specifications.

The following testing laboratory is approved by the board to test and certify backflow preventers: Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California, KAP-200 University Park MC-2531, Los Angeles, California 90089-2531.

Backflow preventers which may be subjected to back pressure or backsiphonage that have been fully tested and have been granted a certificate of approval by said approved laboratory and are listed on the laboratory's current list of approved devices may be used.

8.20.120
Existing Devices

All presently installed backflow prevention devices previously approved by the District shall be deemed to comply with the requirements of this chapter provided such devices meet current performance and testing requirements. Existing devices which do not meet current performance or testing requirements shall be repaired or replaced by a backflow prevention device meeting the requirements of this chapter. Any such replacement cost will be borne by the customer/user.

Existing nonconforming devices may remain until they need replacement. If a hazard exists an approved device will be required. The District will be the final authority in determining what type of backflow prevention is required.

Any existing Double Check-Detector Backflow Prevention Assembly (DCDA) devices needing to be replaced shall be replaced with a Reduced Pressure Principal Detector Backflow Prevention Assembly. Any existing Double Check Valve Backflow Prevention Assembly needing to be replaced shall be replaced with a Reduced Pressure Principal Device (RP) if a hazard exists.

Existing devices not required by this ordinance may be:

- Maintained and tested at owners expense
- Removed at owners expense if District determines no hazard exist

It is the customer's responsibility to notify the District if they wish to withdraw from the testing program under this provision. An inspection would be required before withdrawing or removing from the program.

8.20.130
Inspections and Testing Responsibility

The customer/user is responsible for insuring the annual testing and making any necessary repairs to pass the test. The District will maintain a record of testing performed and a calendar indicating when the next test is required. The District has retained the services of a licensed contractor to administer the testing and monitoring program. Customers may elect to be included in this monitoring group and their devices will be tested annually by the contractor. The District shall pass its actual cost for the testing on to the customer in a monthly cross-connection control fee.

All other expenses where backflow prevention devices are installed, replaced, relocated, repaired or overhauled are the responsibility of the customer. All inspections and operational tests will be made by a certified tester. In those instances where the District deems the hazard to be great enough, it may require certified inspections at more frequent intervals. These inspections and tests shall be at the expense of the customer/user, and shall be performed by a District-approved certified tester. It shall be the duty of the District to see that these timely tests are to be undertaken so that District personnel may witness the tests if it is so desired. These devices shall be repaired, overhauled or replaced at the expense of the customer/user whenever said devices are found to be defective. Records of such tests, repairs and overhaul shall be kept on file with the District.

8.20.140
Noncompliance, Penalties

In the event a customer is notified that a backflow device shall be installed or tested on the customer's service connection and a reasonable compliance time has been allowed by the District in which the customer has not complied with the District's request, then the customer's water service shall be locked off. The customer's water service shall remain locked until an approved backflow device is installed and/or tested by a certified backflow tester; and all unlock fees are paid.

If a device is found to be tampered with or any deliberate action to impede the function of the backflow device, the service will be locked immediately and the customer will be responsible for paying all costs and fines associated with the violation.

8.20.150
Monthly Charges

Monthly charges will be established by the District as necessary. The purpose of such charges will be to cover the cost incurred by the District for regulation and enforcement of the cross-

connection control regulations and annual testing of customer backflow devices and the repair if necessary to pass test.

8.20.160
Interpretation of Provisions

This chapter and Title 17 of the California Code of Regulations shall guide the District in the implementing and functioning of its backflow prevention program. In instances where this chapter does not define the application of the backflow prevention program the District shall reply on Title 17 of the California Code of Regulations for definition. In instances where this chapter or said Title 17 does not give definition then the District shall rely on the State Water Resources Control Board.

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD ACTION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

DISCUSSION AND POSSIBLE ACTION AMENDING AND UPDATING MEMBERSHIPS/ SUBSCRIPTIONS POLICY

BACKGROUND

In November, 2007, the Board approved a list of specific memberships and subscriptions to which RMWD belongs for the benefit of the District and its customers. Staff has updated this list to include the most recent organizations for which RMWD pays member or subscription fees.

DESCRIPTION

An amended list of memberships and subscriptions is being presented to the Board for consideration. Additions include WateReuse, Southern California Alliance of Publicly Owned Treatment Works (SCAP), Project Management Institute (PMI), American Society of Civil Engineers (ASCE), California Water Efficiency Partnership (CWEP), Association of California Water Agencies (ACWA), Bonsall Rotary, Society of Human Resources Management (SHRM), Alliance for Water Efficiency, and Government Finance Officers Association (GOFA). Updates include providing brief descriptions to those memberships to which RMWD has had long-standing memberships as well as any changes in membership/subscription fees.

This item is to provide the Board with an opportunity to review and consider the current memberships and subscriptions for which RMWD pays.

POLICY/STRATEGIC PLAN KEY FOCUS AREA

1. Administrative Code Section 2.08.010.01 – Approved Association and Organization Memberships
2. Administrative Code Section 2.07.010 – Individual Board Member Participation in Associations and Organizations Policy
3. Memberships/Subscriptions Policy
4. **MISSION:** To provide our customers with reliable, high quality water and water reclamation services in a fiscally sustainable manner.

Strategic Focus Area One:	Water Resources
Strategic Focus Area Three:	Workforce Development
Strategic Focus Area Four:	Fiscal Responsibility
Strategic Focus Area Five:	Customer Service

BOARD OPTIONS/FISCAL IMPACTS

1) Approve the amended and updated Memberships/Subscriptions Policy as provided.
2) Approve the amended and updated Memberships/Subscriptions Policy with revisions.
3) Provide staff with direction.

STAFF RECOMMENDATION

Approve the amended and updated Memberships/Subscriptions Policy as provided.

Tom Kennedy, General Manager April 25, 2017

MEMBERSHIPS/SUBSCRIPTIONS

As of April 25, 2017~~November 7, 2007~~

Water Education Foundation (WEF) (approximately $100 to $1000 per year depending on level of participation) - —The mission of the Water Education Foundation, an impartial non-profit organization, is to create a better understanding of water issues and help resolve water resource problems through educational programs.

Water Environment Federation (WEF) –(approximately $750 per year) - —The Water Environment Federation (WEF) is a not-for-profit technical and educational organization with 32,000 individual members and 80 affiliated Member Associations representing an additional 50,000 water quality professionals throughout the world. WEF and its member associations proudly work to achieve our mission of preserving and enhancing the global water environment.

Colorado River Water Users Association (approximately $60 per year) - —The Colorado River Water Users Association is a non-profit, non-partisan organization, formed to plan, study, formulate and advise on ways to protect and safeguard the interests of all who use the Colorado River.

California Special Districts Association—local and State (approximately $6,600~~3,300~~ per year combined) - —The California Special Districts Association (CSDA) is a 501c (6), not-for-profit association that was formed in 1969 to ensure the continued existence of local, independent special districts.

San Luis Rey Watershed Council (approximately $200~~260~~ per year) - —The San Luis Rey Watershed Council is a partnership of local landowners, agricultural growers, Native American bands, community and environmental organizations, government agencies and special districts with ties to this watershed. The Council's primary goal is to develop and implement a comprehensive resource management plan for the San Luis Rey River and its tributaries.

California Public Employers Labor Relations Association (approximately $350~~300~~ per year) - — CPELRA provides Public Sector Management's Resource for Labor-Relations Leadership, Training, Information, And Support.

International Public Management Association for Human Resources (approximately $400~~330~~ per year) - —IPMA-HR provides human resource professional development, information and services to enhance organizational and individual performance in the public sector.

Bonsall Chamber of Commerce (approximately $145~~125~~ per year) - —The Bonsall Chamber of Commerce is organized to advance the general welfare and prosperity of the Bonsall Area so that its citizens and all areas of its business community shall prosper. The District will benefit through improved community relations and a stronger presence in the community.

Fallbrook Chamber of Commerce (approximately $400 per year) - —The Fallbrook Chamber of Commerce is organized to advance the general welfare and prosperity of the Fallbrook Area so that its citizens and all areas of its business community shall prosper. The District will benefit through improved community relations and a stronger presence in the community.

WateReuse (approximately $600 per year) - WateReuse is a trade association that focuses solely on advancing laws, policy and funding to increase water reuse. The mission of the WateReuse Association is to educate policymakers and the public about the benefits of water reuse and to advocate for laws, policy and funding to increase water reuse.

Southern California Alliance of Publicly Owned Treatment Works (SCAP) (approximately $538 per member per year) – SCAP is a non-profit corporation made up an association of cities, special districts and other public agencies, which was formed to concentrate its resources to effect reasonable local, state and federal regulations impacting POTWs and systems. The District benefits in that the organization strives to obtain a balance between protection of the environment and the economic reality of existing and proposed regulations. In that sense, it is perhaps the public, or ratepayer, for whom SCAP is really an advocate.

American Water Works Association (approximately $1,970 per year) – Established in 1881, the American Water Works Association is the largest nonprofit, scientific and educational association dedicated to managing and treating water, the world's most important resource. With approximately 50,000 members, AWWA provides solutions to improve public health, protect the environment, strengthen the economy and enhance our quality of life. The District benefits in that AWWA provides access to valuable tools, technical resources, training, publications and conferences in the water sector.

National Notary Association (NNA) (approximately $138 per year) – NNA membership offers the essential resources, support and connections notary publics need to succeed in their role by providing new law alerts, downloadable notary forms, industry resources, and a hotline to answer notarization questions. The District will benefit should one of its notaries need assistance or resources to perform notary actions on its behalf.

California Water Environment Association (CWEA) (approximately $172 per member per year) – CWEA as founded in 1927 and is a nonprofit public benefit association of 9,300-plus water quality professionals who work for public agencies and collection systems, engineering firms, and equipment and service suppliers. CWEA members are responsible for cleaning California's water and returning it safely to the environment. CWEA educates and certifies water quality professionals, disseminates technical information, and promotes sound policies to benefit society through protection and enhancement of our water environment. CWEA offers services at the state level as well as locally, through its 17 geographical Local Sections. CWEA is a proud state member association of the Water Environment Federation which provides technical education and training for thousands of water quality professionals. CEWA also supports wastewater professionals through education and certification.

Project Management Institute (PMI) (approximately $129 per member per year) – PMI is a U.S. nonprofit professional organization for project management. It provides access to knowledge, networks and resources tha help members improve and advance.

American Society of Civil Engineers (ASCE) (approximately $290 per member per year) – ASCE is a tax-exempt professional body that represents members of the civil engineering profession worldwide. ASCE hots speciality conferences and training for continuing education units and professional development hours and members can contribute technical expertise in various ASCE technical committees.

California Water Efficiency Partnership (CWEP) (formerly the Calfornia Urban Water Conservation Council) (approximately $1,400 per year with SDCWA paying the other half of this fee) – CWEP is an innovative leader, voice and expert on water efficiency in California that fosters collaboration among a wide variety of stakeholders. The CWEP is a membership organization dedicated to maximizing urban water conservation throughout California by supporting and integrating innovative technologies and practices; encouraging effective public policies; advancing research, training, and public education; and building on collaborative approaches and partnerships.

Association of California Water Agencies (ACWA) (approximately $21,000 per year) – ACWA was formed in 1910 by five irrigation districts. Originally known as the Irrigation Districts Association (IDA), members voted in 1973 to rename the group the Association of California Water Agencies to better reflect its changing role in California. ACWA is the largest statewide coalition of public water agencies in the country. ACWA's 430 public agency members collectively are responsible for 90% of the water delivered to cities, farms and businesses in California. ACWA identifies issues of concern to the water industry and the public it serves; accumulates and communicates the best available scientific and technical information to the public and policy makes; facilitates consensus building; develops reasonable goals and objectives for water resources management; advocates sound legislation; promotes local service agencies as the most efficient means of providing water service; provides additional services of value to its members; and fosters cooperation among all interest groups concerned with stewardship of the state's water resources.

Bonsall Rotary (approximately $1,200 per year) – The Bonsall Rotary Club was chartered on August 26, 1991. Their mission as Rotarians is "Service Above Self". Rotary is a global network of over a million neighbors, friends, leaders, and problem-solvers who come together to make positive, lasting changes in the community. Rotary members believe that we have a shared responsibility to act on issues that have a real, lasting impact on people's lives.

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~~Association of California Water Agencies~~
~~California Water Environment Association~~
~~National Notary Association~~
San Diego Safety Council
~~American Water Works Association~~

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As of April 25, 2017

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San Diego Safety Council

Chapter 2.07
MEMBERSHIP IN ASSOCIATIONS

Section 2.07.010
Individual Board Member Participation in Associations and Organizations Policy

Individual Board members may hold membership in and attend meetings of such national, state, and local associations and/or organizations as may exist which have applicability to the District, and shall look upon such memberships as an opportunity for in-service training. The District will pay individual board member dues and expenses for the following organizations and associations:

Water Environment Federation
American Water Works Association
California Water Environment Association

District payment for participation by individual board member in organizations or associations not listed above may be approved on a case-by-case basis by the Board of Directors.

This policy is not intended to preclude a board member from participating in any organization or association; it only applies to those memberships paid for by the District.

Section 2.08.010.01
Approved Association and Organization Memberships

In accordance with California Water Code, Section 71597, the district may by resolution of a four-fifths majority of its directors obtain membership in associations having for their purpose the furtherance of subjects relating to the powers and duties of the district and for the interchange of information relating to such powers and duties.

The Board shall, by ordinance, resolution, or motion, approve membership in associations or organizations and a copy of the ordinance, resolution or motion shall be maintained in the office of the GM/Board Secretary. The General Manager will ensure that annual dues are paid when due:

In the event that a previously authorized membership is deemed to be no longer necessary, the General Manager will notify the Board of Directors that the need to maintain membership no longer exists and the General Manager may, with concurrence from a simple majority of the Board, cancel membership in the Association or Organization.

The General Manager may, at his discretion, approve individual staff memberships in organizations and/or associations that are applicable to the employee's performance of their duties and/or support technical development in their fields.

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD ACTION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

DISCUSSION AND POSSIBLE ACTION REGARDING RMWD BOARD MEMBERS AND GENERAL MANAGER ATTENDING THE CSDA SPECIAL DISTRICT LEADERSHIP ACADEMY IN JULY 2017

BACKGROUND

In preparation of the 2016 Strategic Plan, the Board had express interest in achieving the District of Distinction Accreditation.

The Special District Leadership Foundation states "In a time where proper fiscal management and responsibility in public agencies is paramount and the task of governing these agencies has become even more complex, regulated and costly, it has become increasingly important to demonstrate to constituents that districts have sound fiscal management policies and practices in place among other areas of importance in district operations.

This accreditation is designed as a way for districts to highlight their prudent fiscal practices along with other areas important to effectively operate and govern a special district."

Below is a list of reasons why special districts may want to earn such accreditation:

- The accreditation criterion gets to the heart of best practices in public agencies. Demonstrate that your district:
    - Understands and respects the responsibilities inherent in providing essential public services.
    - Has clean financial audits and operates in a fiscally responsible and transparent manner.
    - Is conscious of the ever-changing operating environment by having current and relevant policies and procedures in place that conform to all statutes and regulations under state law.
    - Places an emphasis on continuing education completed by having each of the district's board members and executive staff in ethics, governance and leadership training.
    - Focuses on having sound policies in the areas of governance, board conduct, district finances, transparency and reserves.

The requirements for a District to receive accreditation are as follows:

- The District undergoes regular financial audits, has no major deficiencies and applies any recommendations to future years.
- District operations conform to all statutes and regulations under state law as reflected in a policies and procedures manual.

- All directors/trustees, general manager and executive staff (as designated by the district) have received training in governance as well as compliance with AB 1234 Ethics Training and AB 1825 Harassment Prevention Training.
- The District has completed SDLF's District Transparency Certificate of Excellence.

Since determining this accreditation should be included in the 2016 Strategic Plan, three of the then current Board Members as well as the General Manager attended the required Governance Foundations workshop provided by CSDA in San Diego County during 2016.

DESCRIPTION

RMWD is seeking to achieve the CSDA District of Distinction Accreditation. Achieving this goal requires specific governance training on behalf of the entire RMWD Board of Directors and General Manager. At the March 28, 2017 Board meeting, the Directors were presented with several options for acquiring the required training. After contacting CSDA again regarding when all the webinars would become available, staff was told the previously listed webinar options no longer apply due to CSDA not converting the Board Member Past Practices live webinar to an on-demand webinar.

The updated list of options are as follows:

- Attend one day of the upcoming Special Districts Leadership Academy (one day $225; full academy $600).
- Attend the Governance Foundation module offered as a pre-conference workshop at the CSDA Annual Conference in Monterey on September 25, 2017.
- Host a governance workshop in our area with at least 20 attendees at the rate of $225 each; however, because we are a SDRMA member, CSDA may be able to find some type of sponsorship to offset the costs. (This option may not be likely due to CSDA holding several of these training workshops in our area recently.)

CSDA has scheduled Special District Leadership Academies at three different locations in 2017; however, the dates for the La Jolla and San Luis Obispo fall on the dates of RMWD's regular Board Meetings. The third academy is scheduled for Napa Valley July 9-12, 2017.

Director Brazier and General Manager, Kennedy have already completed their required training within the past five years. General Manager, Kennedy has also has taken and passed the required Special District Administrator test for this accreditation in February 2017. Both Director Brazier and General Manager Kennedy are not required to attend the academy at this time.

This item is to allow the Board to once again consider either attending the Special District Leadership Academy in Napa Valley in July or postpone attending until an academy or workshop is scheduled in the surrounding areas (dates and location to be determined).

POLICY/STRATEGIC PLAN KEY FOCUS AREA

Strategic Focus Area Four: Fiscal Responsibility. Goal: Fiscally responsible, transparent, and sustainable approaches to managing and forecasting the District's finances.

BOARD OPTIONS/FISCAL IMPACTS

Travel and conference expenses for four Board Members to attend the academy in Napa Valley in July 2017 total approximately $5,800-$6,800 ($1,450-$1,700 each) for registration, airfare, hotel, mile reimbursement, and transportation between airport and conference, depending on if attendees choose to fly or drive to the Napa location. Attending an academy or workshop scheduled in the local surrounding areas would have less fiscal impact; approximately $2,600-$3,900 ($650-$975 each) depending on the location and necessary travel accommodations.

Option 1: Approve attendance and all costs associated with attending the CSDA Special District Leadership Academy in Napa Valley July 9-12, 2017 to meet the District of Distinction Accreditation requirements for one or more RMWD Board Members (Fiscal Impact for Four Attendees: Approximately $5,800-$6,800).

Option 2: Delay attendance and participation in required training until a CSDA Special District Leadership Academy or other required workshop is scheduled to be held in San Diego County during 2018 (Fiscal Impact for Four Attendees: Approximately $2,600-$3,900).

STAFF RECOMMENDATION

Staff supports Board decision.

Tom Kennedy, General Manager April 25, 2017

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD INFORMATION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

STAFFING ANALYSIS

DESCRIPTION

The purpose of this information report is to receive input from the Board related to the ongoing staffing analysis for the District. This staffing analysis will forecast the organizational and personnel changes required to maintain a successful workforce plan for the next five fiscal years (FY 2017-2018 to 2022-2023). Once complete, this document will be updated annually with consideration of the annual budget constraints.

Staff is in the process of defining the recommended staffing levels for the coming fiscal year to increase operational efficiencies, provide better service to our customers, and prepare staff for future leadership opportunities. Before completing this effort, staff wants to solicit Board input in order to ensure that our work aligns with Board priorities.

As part of this process, the Human Resources Manager has conducted extensive interviews and consultations with the senior management team. The information in this presentation reflect the team's collective observations, concerns, departmental succession plans and recommendations.

Tom Kennedy
General Manager

04/25/2017

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD INFORMATION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

INFORMATIONAL UPDATE ON MOOSA CREST PIPELINE EMERGENCY REPAIRS

DESCRIPTION

Staff will provide an update on the status of the emergency repair work on the Moosa Crest Pipeline over Moosa Creek due to the storm event of February 28, 2017

POLICY/STRATEGIC PLAN FOCUS AREA

Strategic Focus Area Two: Asset Management

BOARD OPTIONS/FISCAL IMPACTS

N/A.

STAFF RECOMMENDATION

N/A – Information Only

Tom Kennedy
General Manager

April 25, 2017

RAINBOW MUNICIPAL WATER DISTRICT
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BOARD INFORMATION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

DISCUSSION ON STRATEGIC GOALS AND OBJECTIVES FOR FISCAL YEAR 2017-2018

DESCRIPTION

When the initial Strategic Plan was adopted in early 2016, the Board and staff collaborated on a series of objectives – 57 in total. These objectives were related to the specific Key Focus Areas and detailed objectives contained in each Key Focus Area. As an annual practice prior to budget adoption, Staff will conduct a session with the Board to identify how the progress is going toward completion of prior year objectives and to establish objectives for the following fiscal year.

This discussion will be to receive Board input into objectives that need updating, as well to add new objectives. Staff will also propose several objectives to be added. Once the information is received, staff will consolidate all the information into a new set of objectives to be included in the next budget cycle. Cost consideration will be provided to the Board to evaluate various objectives to ensure that they are in alignment with our budget constraints.

POLICY/STRATEGIC PLAN FOCUS AREA

Strategic Focus Area : All

BOARD OPTIONS/FISCAL IMPACTS

None at this time but all objectives will have some cost impact that will be presented with the budget documents.

STAFF RECOMMENDATION

N/A – Information Only

Tom Kennedy
General Manager

April 25, 2017

MEETINGS/SEMINARS/CONFERENCES/WORKSHOPS

VARIABLE					
DATE	**2017**	**MEETING**	**LOCATION**	**ATTENDEES**	**POST**
May	11	SDCWA Special Board Meeting	SDCWA	GM	N/A
May	18	CSDA – San Diego Chapter	(Location to be Announced) 6:00 p.m.	Mack	N/A
May	*	LAFCO Special Meeting	County Admin Center, Room 302 – 9:30am	(As Advised by GM)	N/A
May	*	Santa Margarita Watershed Council	Rancho California Water District	Hamilton	N/A

* To Be Announced

MEETINGS/SEMINARS/CONFERENCES/WORKSHOPS

RECURRING					
DATE	**2017**	**MEETING**	**LOCATION**	**ATTENDEES**	**POST**
May	1	LAFCO	County Admin. Center Room 302 9:00 am	As Advised by GM	N/A
May	1	Communications Committee Mtg.	RMWD Board Room 3:30 p.m.	Appointed Director, General Manager	427
May	3	Engineering Committee Meeting	RMWD Board Room 3:00 p.m.	Appointed Director, General Manager	4/27
May	9	Budget & Finance Committee Mtg.	RMWD Board Room 1:00 p.m.	Appointed Director, General Manager	4/27
May	16	SDCWA GM's Meeting	SDCWA, San Diego 9:30 a.m.	General Manager	N/A
May	16	Council of Water Utilities	Stoneridge Country Club 7:15 a.m. Poway	All Directors, General Manager	5/11
May	19	NC Managers	Golden Egg 7:45 a.m.	General Manager	N/A
May	19	LAFCO Advisory Committee	LAFCO, 9335 Hazard Way, 9:30 a.m.	General Manager	N/A
May	23	RMWD General Board	RMWD Board Room (Start Time to Be Determined)	All Directors	5/18
May	24	North County Water Group	Rincon Del Diablo, Escondido 7:30 a.m.	All Directors on a Rotating Schedule, General Manager	N/A
May	24	San Luis Rey Watershed Council	Pala Administration Building 1:00 p.m.	Stewart	N/A
May	25	SDCWA Full Board Meeting	SDCWA Board Room, 3-5 p.m.	General Manager	N/A

Dawn Washburn

From: Tom Kennedy
Sent: Wednesday, April 05, 2017 7:37 AM
To:
Subject: Moosa Creek Pipeline Failure

Mr. Tilmant,

Thank you for your inquiry related to the issue we are facing at the Moosa Creek pipeline crossing. As we indicated in our newsletter, stream scouring in this area is causing significant issues for our pipeline. In addition, the excessive scouring has basically taken away nearly all of the earthen cover over three large diameter pipelines that are operated by the San Diego County Water Authority (SDCWA) immediately adjacent to our pipeline. SDCWA has spent millions in an effort to protect their pipelines and some of the work that they just completed was severely damaged by the scouring.

You are correct in your concern that the ratepayers of the District have to pay for damage caused, we believe, by the construction of the I-15 project. This pipeline has been damaged in the past several times and we are taking steps now to move it higher so it is out of the way of these excessive flows. Concurrently, we have commissioned a stormwater engineer to perform the studies necessary to demonstrate, with as much certainty as possible, what the flows in the creek were before the freeway was constructed and after. He is very confident that it will show that the addition of several hundred acres of concrete, all of which drains right down to the low point which is Moosa Creek, have increased flows significantly. We have met with the Army Corps of Engineers and they have also noted the issue.

Once we have the information needed to demonstrate the facts in this matter we will present this information to CalTrans and request that they mitigate the issue and reimburse us for our costs. We plan to work with SDCWA in this effort as well as other affected property owners in the area. As you may imagine, this sort of thing will take some time, so we are working to get the pipeline back in service, on a new 120 foot span pipe bridge, using our contingency funds until we get the issue resolved. We have also applied for State and Federal disaster relief funds for this project.

Since you have addressed your email to our Board of Directors, I have included RMWD Board President Helene Brazier on this email. I will include your correspondence in our next Board packet for all Board members at our next meeting.

If you have any questions, please feel free to contact me at your convenience.

Tom Kennedy | General Manager | Rainbow Municipal Water District
3707 Old Highway 395, Fallbrook, CA 92028 | 760-728-1178 | www.rainbowmwd.com

NOTICE: All e-mails to and from the Rainbow Municipal Water District may be considered public records and are subject public disclosure pursuant to the California Public Records Act.

-----Original Message-----
From: noreply@getstreamline.com [mailto:noreply@getstreamline.com]
Sent: Tuesday, April 04, 2017 8:34 PM
To: Cynthia Gray <cgray@rainbowmwd.com>
Subject: Form submission from Rainbow Municipal Water District

Name: James Tilmant
Phone number:
Email address:
Comments: Dear Rainbow Water District Board,

I just read your newsletter for March, 2017 (Issue No. 149) and saw an article about the Moosa Creek Transmission Pipeline Replacement Project, where, due to the large amount of flow in Moosa Creek on February 27, 2017, the pipeline was severely damaged. A project is now being undertaken with emergency funding to replace the damaged pipeline. This same article makes the statement that "As many area residents know, the flows in Moosa Creek changed substantially when Interstate 15 was constructed in 1981. The large surface area of the freeway increases both the quantity and speed of the water coming into Moosa Creek and has substantially altered flows in the area. "

My question is - If the construction of I-15 has caused increase flows and speed of water through Moosa Creek during rainfall events and that has resulted in damage to our Municipal Water District's pipeline, shouldn"t the State of California Highways Department be responsible for the cost of repairing or replacing and relocating this pipeline? Why should the rate payers of the Rainbow Water District be stuck with a bill that is due to damage caused by Interstate 15 construction? I don't want to be responsible for that! Is the Rainbow Water District Board planning on seeking reimbursement from the State for the costs of this replacement project? If not why not?

Please respond to me via e-mail, or at our Colorado home address at

Thank you,
Jim Tilmant

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD INFORMATION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

Operations Report for March 2017

DESCRIPTION

Activities for Operations & Maintenance Division

CONSTRUCTION & MAINTENANCE:

The Valve Maintenance crew exercised a total of 125 valves this month. Their average goal is 303 per month. The crew assisted the meter staff for the meter changeout project as well as emergency and/or planned shutdowns for the Construction crews. They checked and maintained PRV stations in the zones while performing valve maintenance.

The Construction crews repaired nine (9) leaks and performed six (6) planned/emergency shutdowns. The crew repaired several areas on main lines exposed from the storms. They also installed and/or repaired five (5) appurtenances and maintained District easements as well as completed work at the District Yard. Some of the staff also assisted with the meter changeout project.

The District's mechanic completed a total of nine (9) District vehicles with regular *scheduled* preventative maintenance and/or repairs. He also updated the inspections for the vehicles in the fleet in the Mitchel Program. The new vehicles were completed with radios, lights, and put into service. Scheduling was done for the upcoming BIT inspections. The three (3) vehicles that were sold at auction were prepared for pick-up. The following maintenance and/or repairs were considered *unscheduled*:

- Vehicles with Emergency Repairs (4)
- Small Equipment / Emergency Equipment (2)
- Off-Road Equipment /Trailers Repairs & Maintenance (0)
- Off-Road Equipment/Trailer Emergency Repairs (0)
- Large Vehicles Maintenance/Repairs (1)
- Large Equipment Emergency Repairs (2)
- Safety Recalls (1)

WATER OPERATIONS:

- Assisted Meters Department with flow testing and changing out large meters.

- Electrical/SCADA Projects: Routine maintenance and troubleshooting.

- Finished the installation and programming of the two backup chlorine injection pumps at Morro Chlorine Station.

- Monthly tank and reservoir cover inspections completed.

- Pressure station assessment and report was completed.

- Huntley Pump Station, Pump No. 1 was finished being reinstalled and is back online.

- U-1 Pump Station, Pump No. 3 and motor are still out. Motor is being rewound and the pump is being rebuilt. It is scheduled to be reinstalled on April 11, 2017.

Water Quality:

- 22 Routine coliform samples
- 15 Nitrification samples
- 3 Water quality complaint (odor complaints, dead-end line flushed)
- 2 Special sample
- 4 THH/HAA5 samples

WASTEWATER:

Monthly, Semi Annual and Annual Reports:

March 1 – March 31, 2017
California Integrated Water Quality System (CIWQS): Reported "No Spill Report" for the Month.

Wastewater crewmember Christopher Hand assisted Meter Division in water meter assessments. Task included cleaning and clearing meter boxes, checking for obstructions backflow and valve relocation from homeowner to RMWD's water supply. He also performed customer service order requests.

March 4, 2017 – Camino Del Cielo, Bonsall sewer odor stagnant water complaint. CCTV televised sewer lines confirmed with customer RMWD sewer lines flowing; stagnant water due to heavy rainfall and broken sprinkler line.

March 17, 2017 – RMWD sewer line blockage at Map Page P-3 #4 caused sewer back-up at family residence; set up Vac-Con Combination Sewer Truck and high pressure line cleaned from Map Page P-3 #3 to P-3 #6. Total for 300' sewer line caused by heavy roots flushed twice.

Lift Stations Pumps / Preventative Maintenance:

March 5, 2017 - Two sewer pumps blocked at Lift Station #1 due to upstream debris caused by CalTrans on Highway 76. Crews removed concrete mortar and asphalt from two 5 HP pumps.

Preventative maintenance: Flushed & serviced sewage air valves at Lift Station #s 2 & 5 and at two (2) force mains.

Lift Stations Generators:

March 20, 2017 - Lift Station #1: 30 Horsepower Generac Generator back in service repaired by Yale Chase Power Systems. They found connectivity wiring wire missing; added manifold to governor.

Sewer Line Cleaning:

March 2, 2017 – March 8, 2017 = 3,531'
March 9, 2017 – March 15, 2017 = 1,552'
March 16, 2017 – March 22, 2017 = 1,838'
March 23, 2017 – March 29, 2017 = 8,509'

Total sewer lines cleaned: 15,430'

High Frequency Cleaning:

March 1, 2017 - March 31, 2017: Cleaned 1,410': of sewer siphon line (8" & 10").

Total sewer lines cleaned: 1,410'

Manhole Inspections:

March 3, 2017 – March 8, 2017 = 10 manholes inspected
March 9, 2017 – March 15, 2017 = 16 manholes inspected
March 16, 2017 – March 22, 2017 = 7 Manholes inspected
March 23, 2017 – March 29, 2017 = 36 Manholes inspected

Total manholes inspected for the month of March = 69

CCTV:

March 16, 2017 – March 22, 2017
1,398' televised: Little Gopher Canyon - SSO Backup caused by roots; Monserate Vineyards – Sewer manhole was located and raised to grade; San Luis Rey Track & Training Center - Sluggish lines due to roots.

March 23, 2017 – March 29, 2017
4,269' televised: I -15 freeway casing - 8" sewer line sluggish due to roots and belly in sewer lines; Pala Mesa across I-15 Freeway to Horse Ranch Creek - Roots and belly; Lake Tree Drive - Located cleanout.

Total footage sewer lines televised for Month of March = 5,667'

Smart/Cover Alarm Units:

N/A

EMPLOYEE RECOGNITION – OPERATIONS DIVISION:

District's Monthly "Excellence Program" Coin Award Winners

John Maccarrone – Responsibility
Gerardo Cancino – Responsibility
Carlos Ramos – Teamwork

Darren S. Milner
Darren S. Milner 4/25/17
Operations Manager

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD INFORMATION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

Engineering Report for March 2017

DESCRIPTION

CAPITAL PROJECTS:

Condition Assessment of Water Facilities: The Board approved award to HDR Engineering, Inc. at the March 28, 2017 Board Meeting. Staff working with the consultant on the professional services agreement.

Gird to Monserate Hill: Bid documents pending management review/approval. CEQA in process.

Horse Creek Lift Station: Developer started construction. The Lift Station is scheduled to be completed by the end of the year.

Highway 76 East Segment: Contractor is raising manholes to finish grade and rehabilitating existing manholes, including installing additional manholes.

Knottwood Way Waterline Improvements: Notice Inviting Bids was advertised on April 5, 2017. Bids are due on May 9, 2017.

Lift Station 1 Replacement: Staff is working with property owner to purchase site on Thoroughbred. Staff reviewing the 100% submittal received on January 24, 2017.

Pump Station #1 Upgrades: Project at 30% design. Change order for building rehabilitation and electrical relocation has been executed.

Water / Wastewater Asset Cost & Capacity Fee Study: Staff reviewing final capacity fee study.

Water Reclamation Plant (WRP) & Recycled Water Distribution System (RWDS): Staff is continuing talks with Oceanside to determine options for indirect potable reuse or recycled water delivery.

Wastewater Outfall Replacement: Project on hold until further evaluation from local water alternatives.

Weese Filtration Plant Interconnect: The Board approved award to Infrastructure Engineering Corporation at the March 28, 2017 Board Meeting. Staff working with the consultant on the professional services agreement. A kick off meeting is scheduled for April 12, 2017.

OTHER PROJECTS:

Moosa Creek Mitigation Bank: Staff working with Consultant on easements.

San Luis Rey Ground Water Sources: Investigating the feasibility of combining a ground water treatment project with indirect potable reuse.

DEVELOPER PROJECTS:

Golf Green Estates: (near Lift Station 1): 94 SFR planned across from Bonsall Elementary School. Contractor installing 8" onsite sewerline and 8" onsite waterline. A shutdown is scheduled on April 20, 2017 for the tie-in on Old River Road.

Horse Ranch Creek Ridge (D.R. Horton - formally Campus Park, Passerelle): 850 WMs / 850 EDUs – Off of Highway 76 and Horse Ranch Creek Road. Staff is reviewing submittals. The Contractor has begun grading and construction of the lift station on Pankey Road, in addition to installing the gravity sewer within Horse Ranch Creek Road.

Malabar Ranch: 31 WMs / 29 EDUs - There are 17 out of 31 homes built. Contractor shall complete waterline relocation and punch list items.

Nessy Burger: Nessy Burger's is proposing to install a permanent building. Plan check two completed.

Pala Mesa Highlands: 124 Lots on Old Highway 395. Contractor started grading. Staff reviewing submittals.

Topa Topa: 11 Lots on Sterling View Drive. The plan check is completed.

OTHER:

ITEMS	NO#	ITEMS	NO#
Water Availability Letters	2	Water Meters Purchased	1
Sewer Availability Letters	1	Sewer EDUs Purchased	0
Water Commitment Letters	0	Developer Shutdowns	0
Sewer Commitment Letters	0	Jobs Closed: Olive Hill Estates	0

Sherry Kirkpatrick 4/25/17
Engineering Manager

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

BOARD INFORMATION

BOARD OF DIRECTORS

April 25, 2017

SUBJECT

HUMAN RESOURCES REPORT FOR MARCH/APRIL 2017

DESCRIPTION

Personnel changes, human resources activities, and safety report for March/April 2017

PERSONNEL CHANGES:

One Customer Service Representative left the District effective April 10, 2017. The position will be filled by an additional temporary employee until the fill-time position can be posted and filled.

WORKFORCE TRAINING AND DEVELOPMENT:

Sexual Harassment Prevention Training
The bi-annual sexual harassment prevention training for all staff took place on April 2nd. Alisa Shorago, JD delivered the legally mandated AB1825 training for supervisory employees as well as a more general workshop for employees who are individual contributors.

Workplace Civility Training (Anti-Bullying)
The Human Resources Manager is planning civility training in May with Catherine Mattice, SPHR, SHRM-SCP of Civility Partners, a leading author, speaker, award-winning blogger, and expert witness on the topics of workplace bullying and building positive workplaces. This is an important step in shifting and shaping a positive and productive culture for the future.

NEOGOV IMPLEMENTATION:

Onboard Module
The implementation process for the second module, Onboard, is still in progress. The Accounting Specialist has been assisting with the upload of company forms and data into the system. Onboard will function as an employee intranet, with forms, activity checklists, and document libraries all housed within the system. This will help facilitate improved internal communications and more efficient processes.

Perform Module
The Perform Module is how we will shift our performance evaluation process to an online process that promises to be more efficient, useful, and meaningful to employees. Kickoff for implementation of this module is expected to begin immediately following completion of Onboard.

EMPLOYEE RECOGNITION:

Values Coin Awards

For the month of March, nine (9) employees were nominated for Values coins. The selection committee made the final selections of the winners, which were announced at the all-hands meeting on March 29th The March recipients were:

Integrity	Laura Martinez - Accounting
Innovation	Justin Chandler – Meter Services
Responsibility	Gerardo Cancino & John Maccarrone - Construction
Professionalism	Victor Tornero – Customer Service
Teamwork	Carlos Ramos - Construction

LABOR RELATIONS:

Compensation and Benefits Study
Nyhart Compensation Services is in the process of collecting data from the District and all comparator agencies. Target date for consultant to present the results of the study to the Board is at the May board meeting.

Negotiations
Negotiations are underway with all three employee associations. Target date for completion of negotiations is June 8th, so that the new MOUs can be presented to the Board for approval at the June board meeting.

SAFETY:

Security Camera System
The Human Resources Manager, IT Administrator, Operations Manager, and Safety Administrator are working on upgrading the security cameras at the District offices and yard. The project team met to determine ideal locations for security cameras.

Ergonomics
Sit/stand workstations were installed in Customer Service, Human Resources, and for the Meters Crew Leader. The District is applying for a $1,000 rebate under a program that SDRMA has to encourage members to purchase ergonomic equipment.

Incidents
It has been 512 days since our last worker's compensation claim.
It has been 822 days since our last lost time injury.

Safety Training
Target Solutions online training: 58 completions for March 2017
iPad link to MSDS online tailgate training: 36 Employees
Trenching & Shoring Competent Person full day training: 17 Employees
Electrical Hazards tailgate training: 28 Employees
Poison Oak tailgate training: 34 Employees

Karleen Harp 04/25/2017
Human Resources Manager

General Ledger

Interim Financials

Period: Feb-17

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
Fund	**01**	**WATER FUND**							
Dept	01-00								
R10		WATER REVENUE							
01-00-41110		Water Sales-SF, MF, CM, IS	6,075,496	192,113	4,356,302	1,719,194	0	1,719,194	28
01-00-41115		Water Sales-Domestic-Unbilled	0	0	-323,013	323,013	0	323,013	0
01-00-41120		Water Sales-Agriculture Dom	1,049,500	17,325	759,377	290,123	0	290,123	28
01-00-41125		Water Sales-Ad Noncert Unbilld	0	0	-73,857	73,857	0	73,857	0
01-00-41130		Water Sales-Ag/Dom Met Cert	1,157,290	0	0	1,157,290	0	1,157,290	100
01-00-41160		Water Sales- Agriculture	4,207,195	54,070	3,275,088	932,107	0	932,107	22
01-00-41165		Water Sales-Ag.Nondis Unbilled	0	0	-319,069	319,069	0	319,069	0
01-00-41170		Water Sales-Construction	216,282	5,501	167,404	48,878	0	48,878	23
01-00-41175		Water Sales-Construction-Unbil	0	0	-4,144	4,144	0	4,144	0
01-00-41180		Water Sales - TSAWR Com	4,106,205	22,587	2,623,408	1,482,797	0	1,482,797	36
01-00-41185		Water Sales-Sawr Ag Unbilled	0	0	-246,113	246,113	0	246,113	0
01-00-41190		Water Sales- TSAWR Dom	6,081,872	61,383	4,058,219	2,023,653	0	2,023,653	33
01-00-41195		Water Sales Sawr Ag/D Unbilled	0	0	-385,450	385,450	0	385,450	0
01-00-42120		Monthly O&M Charges - Rainbow	5,542,712	459,090	3,615,987	1,926,725	0	1,926,725	35
01-00-42121		Monthly O&M Charges - CWA	5,389,049	461,597	3,592,539	1,796,510	0	1,796,510	33
01-00-42130		Readiness-To-Serve Rev Id#1	300,000	10,653	171,247	128,753	0	128,753	43
01-00-42140		Pumping Charges	537,363	19,402	394,730	142,633	0	142,633	27
01-00-43101		Operating Inc Turn On/Off Fees	5,000	0	1,650	3,350	0	3,350	67
01-00-43104		Operating Inc. R.P. Charges	231,936	22,475	157,763	74,173	0	74,173	32
01-00-43106		Operating Inc Water Letter Fee	500	0	0	500	0	500	100
01-00-43109		Operating Inc Inspections	20,000	-630	307,971	-287,971	0	-287,971	0
01-00-43110		Operating Inc Plans And Specs	1,000	0	0	1,000	0	1,000	100
01-00-43111		Operating Inc Install Fees,Hyd	3,500	0	1,840	1,660	0	1,660	47
01-00-43114		Operating Inc-Miscellaneous	5,000	591	-17,556	22,556	0	22,556	451
01-00-43116		New Meter Sales/Install Parts	8,500	225	4,110	4,390	0	4,390	52
01-00-43117		Notice Delivery Revenue	35,000	0	12,040	22,960	0	22,960	66
		R10 Sub Totals:	34,973,400	1,326,382	22,130,473	12,842,927	0	12,842,927	37

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Committed to Excellence

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
R50	INTEREST INCOME							
01-00-49201	Interest Revenues-Water Fund	0	0	0	0	0	0	0
	R50 Sub Totals:	0	0	0	0	0	0	0
R70	OTHER REVENUE							
01-00-49102	Non Oper Inc-Nsf Check Fees	1,500	120	840	660	0	660	44
01-00-49109	Non Oper Inc-Miscellaneous	50,000	32,324	43,624	6,376	0	6,376	13
01-00-49301	Property Tax Rev. - Ad Valorem	315,000	12,799	216,638	98,362	0	98,362	31
	R70 Sub Totals:	366,500	45,244	261,102	105,398	0	105,398	29
	Revenue Sub Totals:	35,339,900	1,371,626	22,391,575	12,948,325	0	12,948,325	37
E01	Cost of Water Sold							
01-00-50001	Water Purchases	19,938,700	446,663	12,751,359	7,187,341	0	7,187,341	36
01-00-50003	Water In Storage	0	-38,616	-311,319	311,319	0	311,319	0
01-00-50005	Ready To Serve Charge	518,268	42,413	339,303	178,965	0	178,965	35
01-00-50006	Infrastructure Access Charge	468,102	41,629	301,586	166,516	0	166,516	36
01-00-50008	Ag Credit-Sawr	-1,592,850	37,979	-728,176	-864,674	0	-864,674	0
01-00-50009	Seasonal Storage Credit	702,348	0	0	702,348	0	702,348	100
01-00-50010	Customer Service Charge	1,177,944	95,873	794,454	383,490	0	383,490	33
01-00-50011	Capacity Reservation Charge	563,046	39,028	406,933	156,113	0	156,113	28
01-00-50012	Emergency Storage Charge	1,652,034	132,476	1,122,133	529,901	0	529,901	32
01-00-50013	Supply Reliability Charge	0	55,348	480,584	-480,584	0	-480,584	0
01-00-52176	Overhead Transfer To Gen Fund	0	0	0	0	0	0	0
	E01 Sub Totals:	23,427,592	852,793	15,156,855	8,270,737	0	8,270,737	35

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
E05		PAYROLL & EMPLOYEE EXPENSES							
01-00-56101		Regular Salaries	0	0	625	-625	0	-625	0
01-00-56501		Employer'S Share Fica Ssi	0	0	36	-36	0	-36	0
01-00-56502		Employer'S Share Fica Medicare	0	0	9	-9	0	-9	0
01-00-56503		Medical Ins Acwa Health Ben	0	0	0	0	0	0	0
01-00-56504		Dental Insurance	0	0	0	0	0	0	0
01-00-56505		Vision Ins Acwa Serv Corp	0	0	0	0	0	0	0
01-00-56506		Life, S/T, L/T Disability Ins	0	4,296	34,929	-34,929	0	-34,929	0
01-00-56507		Retirement - Calpers	0	0	43	-43	0	-43	0
		E05 Sub Totals:	0	4,296	35,642	-35,642	0	-35,642	0
		Expense Sub Totals:	23,427,592	857,088	15,192,498	8,235,094	0	8,235,094	35
		Dept 00 Sub Totals:	-11,912,308	-514,538	-7,199,077	-4,713,231	0		
Dept	01-31	PUMPING							
E05		PAYROLL & EMPLOYEE EXPENSES							
01-31-56101		Regular Salaries	89,429	1,870	27,004	62,425	0	62,425	70
01-31-56103		Overtime Paid, Comptime Earn.	500	0	66	434	0	434	87
01-31-56501		Employer'S Share Fica Ssi	5,545	106	1,556	3,989	0	3,989	72
01-31-56502		Employer'S Share Fica Medicare	1,297	27	390	907	0	907	70
01-31-56503		Medical Ins Acwa Health Ben	17,465	389	4,298	13,167	0	13,167	75
01-31-56504		Dental Insurance	1,687	37	160	1,527	0	1,527	90
01-31-56505		Vision Ins Acwa	228	5	84	144	0	144	63
01-31-56506		Life, S/T,L/T Disability Ins	1,357	0	0	1,357	0	1,357	100
01-31-56507		Retirement-Calpers	14,935	188	2,615	12,320	0	12,320	82
01-31-56512		Employee Training/Tuition Reim	0	0	0	0	0	0	0
01-31-56515		Worker'S Compensation Ins	3,393	0	2,290	1,103	0	1,103	33
01-31-56516		State Unemployment Ins, E.T.T.	252	1	36	216	0	216	86
01-31-56520		Deferred Comp-Employer Contrib	2,600	46	440	2,160	0	2,160	83

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
		E05 Sub Totals:	138,688	2,670	38,939	99,749	0	99,749	72
E10		PUMPING OPERATION EXPENSES							
01-31-63100		Equipment Maintenance/Repair	61,000	0	3,493	57,507	24,524	32,983	54
01-31-63401		Building Maintenance	1,500	0	0	1,500	0	1,500	100
01-31-72000		Supplies & Services	20,000	700	902	19,098	4,014	15,084	75
01-31-72150		Regulatory Permits	5,000	0	0	5,000	0	5,000	100
01-31-73000		Small Tools And Equipment	1,000	0	0	1,000	0	1,000	100
01-31-78000		Utilities - Electricity	552,300	19,636	289,179	263,121	0	263,121	48
		E10 Sub Totals:	640,800	20,336	293,573	347,227	28,538	318,688	50
		Expense Sub Totals:	779,488	23,006	332,513	446,975	28,538	418,437	54
		Dept 31 Sub Totals:	779,488	23,006	332,513	446,975	28,538		
Dept	01-32	OPERATIONS							
E05		PAYROLL & EMPLOYEE EXPENSES							
01-32-56101		Regular Salaries	631,710	65,043	519,123	112,587	0	112,587	18
01-32-56103		Overtime Paid, Comptime Earn.	50,000	5,308	31,254	18,746	0	18,746	37
01-32-56501		Employer'S Share Fica Ssi	39,166	4,135	31,641	7,525	0	7,525	19
01-32-56502		Employer'S Share Fica Medicare	9,160	1,028	8,035	1,125	0	1,125	12
01-32-56503		Medical Ins Acwa Health Ben	121,278	11,651	90,264	31,014	0	31,014	26
01-32-56504		Dental Insurance	10,964	1,114	6,330	4,634	0	4,634	42
01-32-56505		Vision Ins Acwa	1,484	144	959	525	0	525	35
01-32-56506		Life, S/T,L/T Disability Ins	9,181	0	0	9,181	0	9,181	100
01-32-56507		Retirement-Calpers	105,496	5,286	43,994	61,502	0	61,502	58
01-32-56512		Employee Training/Tuition Reim	13,000	165	10,392	2,608	0	2,608	20
01-32-56515		Worker'S Compensation Ins	23,967	0	16,178	7,789	0	7,789	33
01-32-56516		State Unemployment Ins, E.T.T.	1,638	76	1,906	-268	0	-268	0
01-32-56518		Duty Pay	13,000	1,000	8,250	4,750	0	4,750	37
01-32-56520		Deferred Comp-Employer Contrib	16,900	1,322	10,676	6,224	0	6,224	37

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
		E05 Sub Totals:	1,046,944	96,272	779,002	267,942	0	267,942	26
E15		WATER OPERATION EXPENSES							
01-32-60000		Electronics	44,500	4,157	39,408	5,092	6,962	-1,870	0
01-32-63100		Equipment Maintenance/Repairs	13,500	0	705	12,795	1,800	10,995	81
01-32-63102		Equipment Maintenance Contract	23,000	785	785	22,215	2,246	19,969	87
01-32-63401		Building Maintenance	1,000	0	0	1,000	0	1,000	100
01-32-72000		Supplies And Services	244,189	10,495	55,172	189,017	91,525	97,492	40
01-32-72010		Tank Maintenance	664,643	139,987	419,962	244,681	0	244,681	37
01-32-72150		Regulatory Permits	41,000	0	7,895	33,105	0	33,105	81
01-32-72400		Dues & Subscriptions	12,811	0	12,811	0	0	0	0
01-32-72700		Printing & Reproductions	5,000	0	0	5,000	0	5,000	100
01-32-73000		Small Tools And Equipment	1,000	0	796	204	1,661	-1,457	0
01-32-75300		Travel/Conf/Training	2,000	0	696	1,304	0	1,304	65
01-32-78000		Utilities	12,600	1,032	5,825	6,775	0	6,775	54
01-32-82000		Capital Equipment	21,120	0	5,795	15,325	0	15,325	73
		E15 Sub Totals:	1,086,363	156,456	549,850	536,513	104,194	432,319	40
		Expense Sub Totals:	2,133,307	252,728	1,328,853	804,454	104,194	700,261	33
		Dept 32 Sub Totals:	2,133,307	252,728	1,328,853	804,454	104,194		
Dept	01-33	VALVE MAINTENANCE							
E05		PAYROLL & EMPLOYEE EXPENSES							
01-33-56101		Regular Salaries	309,284	18,394	177,785	131,499	0	131,499	43
01-33-56103		Overtime Paid, Comptime Earn.	4,500	44	9,251	-4,751	0	-4,751	0
01-33-56501		Employer'S Share Fica Ssi	19,176	1,028	10,548	8,628	0	8,628	45
01-33-56502		Employer'S Share Fica Medicare	4,485	259	2,688	1,797	0	1,797	40
01-33-56503		Medical Ins Acwa Health Ben	72,669	4,504	39,959	32,710	0	32,710	45
01-33-56504		Dental Insurance	6,747	415	2,679	4,068	0	4,068	60

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
01-33-56505		Vision Ins Acwa	913	54	481	432	0	432	47
01-33-56506		Life, S/T,L/T Disability Ins	4,675	0	0	4,675	0	4,675	100
01-33-56507		Retirement-Calpers	51,650	1,852	16,899	34,751	0	34,751	67
01-33-56512		Employee Training/Tuition Reim	2,000	0	446	1,554	0	1,554	78
01-33-56515		Worker'S Compensation Ins	11,734	0	7,921	3,814	0	3,814	32
01-33-56516		State Unemployment Ins, E.T.T.	1,008	91	646	362	0	362	36
01-33-56520		Deferred Comp-Employer Contrib	10,400	458	4,784	5,616	0	5,616	54
		E05 Sub Totals:	499,241	27,099	274,086	225,155	0	225,155	45
E20		VALVE MAINTENANCE EXPENSES							
01-33-72000		Supplies And Services	66,500	8,136	30,066	36,434	4,783	31,651	48
01-33-73000		Small Tools And Equipment	1,000	0	0	1,000	0	1,000	100
01-33-75300		Travel/Conferences/Training	1,000	0	0	1,000	0	1,000	100
01-33-82000		Shop And Field Equipment	50,000	11,506	27,198	22,802	1,001	21,801	44
		E20 Sub Totals:	118,500	19,642	57,264	61,236	5,784	55,452	47
		Expense Sub Totals:	617,741	46,741	331,350	286,391	5,784	280,607	45
		Dept 33 Sub Totals:	617,741	46,741	331,350	286,391	5,784		
Dept	01-34	WATER DISTRIBUTION							
E05		PAYROLL & EMPLOYEE EXPENSES							
01-34-56101		Regular Salaries	843,611	60,767	449,242	394,369	0	394,369	47
01-34-56103		Overtime Paid, Comptime Earn.	140,000	12,712	81,053	58,947	0	58,947	42
01-34-56501		Employer'S Share Fica Ssi	56,024	4,230	30,808	25,216	0	25,216	45
01-34-56502		Employer'S Share Fica Medicare	13,102	1,058	7,745	5,357	0	5,357	41
01-34-56503		Medical Ins Acwa Health Ben	165,590	14,955	101,399	64,191	0	64,191	39
01-34-56504		Dental Insurance	16,584	1,383	7,119	9,465	0	9,465	57
01-34-56505		Vision Ins Acwa	2,397	191	1,327	1,070	0	1,070	45
01-34-56506		Life, S/T,L/T Disability Ins	13,286	0	0	13,286	0	13,286	100

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
01-34-56507		Retirement-Calpers	150,903	5,478	35,711	115,192	0	115,192	76
01-34-56512		Employee Training/Tuition Reim	7,000	105	3,668	3,332	0	3,332	48
01-34-56515		Worker'S Compensation Ins	35,220	0	23,150	12,070	0	12,070	34
01-34-56516		State Unemployment Ins, E.T.T.	2,646	335	2,298	348	0	348	13
01-34-56518		Duty Pay	13,000	1,250	8,536	4,464	0	4,464	34
01-34-56520		Deferred Comp-Employer Contrib	24,700	1,849	14,058	10,642	0	10,642	43
		E05 Sub Totals:	1,484,063	104,312	766,112	717,951	0	717,951	48
E25		WATER DISTRIBUTION EXPENSES							
01-34-63100		Equipment Rental	0	0	80	-80	0	-80	0
01-34-72000		Supplies And Services	353,000	27,658	276,989	76,011	41,511	34,500	10
01-34-73000		Small Tools And Equipment	2,000	377	845	1,155	1,455	-300	0
01-34-75300		Travel/Conferences/Meetings	3,000	0	1,232	1,768	0	1,768	59
01-34-82000		Shop And Field Equipment	139,600	0	102,837	36,763	0	36,763	26
		E25 Sub Totals:	497,600	28,035	381,984	115,616	42,965	72,651	15
		Expense Sub Totals:	1,981,663	132,348	1,148,096	833,567	42,965	790,602	40
		Dept 34 Sub Totals:	1,981,663	132,348	1,148,096	833,567	42,965		
Dept	01-35	METER SERVICES							
E05		PAYROLL & EMPLOYEE EXPENSES							
01-35-56101		Regular Salaries	429,602	30,881	263,358	166,244	0	166,244	39
01-35-56103		Overtime Paid, Comptime Earn.	3,000	4,678	25,009	-22,009	0	-22,009	0
01-35-56501		Employer'S Share Fica Ssi	26,635	2,038	16,651	9,984	0	9,984	37
01-35-56502		Employer'S Share Fica Medicare	6,229	512	4,187	2,042	0	2,042	33
01-35-56503		Medical Ins Acwa Health Ben	72,699	6,583	45,544	27,155	0	27,155	37
01-35-56504		Dental Insurance	9,277	770	4,003	5,274	0	5,274	57
01-35-56505		Vision Ins Acwa Serv Corp	1,027	99	660	367	0	367	36
01-35-56506		Life, S/T, L/T Disability Ins	6,496	0	0	6,496	0	6,496	100
01-35-56507		Retirement - Calpers	71,743	3,087	24,583	47,160	0	47,160	66

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
01-35-56512		Employee Training/Tuition Reim	2,000	0	546	1,454	0	1,454	73
01-35-56515		Worker'S Compensation Ins	18,751	0	12,672	6,079	0	6,079	32
01-35-56516		State Unemployment Ins, E.T.T.	1,386	72	1,428	-42	0	-42	0
01-35-56520		Deferred Comp-Employer Contrib	14,300	966	7,403	6,897	0	6,897	48
01-35-56524		OTHER POST EMPLOYMENT BENEFITS	3,788	0	0	3,788	0	3,788	100
		E05 Sub Totals:	666,933	49,686	406,043	260,890	0	260,890	39
E30		METER SERVICES EXPENSES							
01-35-63404		Backflow Expenses	230,050	33,317	112,328	117,722	0	117,722	51
01-35-72000		Supplies & Services	95,000	10,835	115,445	-20,445	3,165	-23,609	0
01-35-73000		Small Tools And Equipment	2,000	352	1,176	824	1,028	-204	0
01-35-75300		Replacement Reserve-Oceanside	500	0	0	500	0	500	100
01-35-82000		Shop And Field Equipment	135,000	14,838	81,496	53,504	169	53,335	40
		E30 Sub Totals:	462,550	59,342	310,444	152,106	4,362	147,744	32
		Expense Sub Totals:	1,129,483	109,028	716,487	412,996	4,362	408,634	36
		Dept 35 Sub Totals:	1,129,483	109,028	716,487	412,996	4,362		
Dept	01-41	ADMINISTRATION/HR							
E15		WATER OPERATION EXPENSES							
01-41-72000		Supplies And Services	0	0	14	-14	0	-14	0
		E15 Sub Totals:	0	0	14	-14	0	-14	0
		Expense Sub Totals:	0	0	14	-14	0	-14	0
		Dept 41 Sub Totals:	0	0	14	-14	0		

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
		Fund Revenue Sub Totals:	35,339,900	1,371,626	22,391,575	12,948,325	0	12,948,325	37
		Fund Expense Sub Totals:	30,069,274	1,420,939	19,049,810	11,019,464	185,844	10,833,621	36
		Fund 01 Sub Totals:	-5,270,626	49,313	-3,341,765	-1,928,861	185,844		
Fund	**02**	**SEWER FUND**							
Dept	02-00								
R30		WASTEWATER REVENUE							
02-00-41110		Sewer Charges-Established Acct	2,350,000	204,999	1,644,857	705,143	0	705,143	30
02-00-41210		Sewer Charges-Developing Accts	150,000	8,334	72,464	77,536	0	77,536	52
02-00-43101		Sewer-Oakcrest Service Charges	5,000	1,950	1,950	3,050	0	3,050	61
02-00-43106		Operating Inc-Sewer Letter Fee	500	0	450	50	0	50	10
02-00-43110		Operating Inc-Plan Chk/Ins Fee	0	1,100	26,134	-26,134	0	-26,134	0
02-00-49109		NON OPERATING REVENUE	0	7,465	9,449	-9,449	0	-9,449	0
		R30 Sub Totals:	2,505,500	223,848	1,755,303	750,197	0	750,197	30
R70		OTHER REVENUE							
02-00-49301		Property Tax Rev - Ad Valorem	40,000	1,805	30,553	9,447	0	9,447	24
		R70 Sub Totals:	40,000	1,805	30,553	9,447	0	9,447	24
		Revenue Sub Totals:	2,545,500	225,653	1,785,856	759,644	0	759,644	30
E60		WASTEWATER EXPENSES							
02-00-52176		OVERHEAD TRANSFER TO GEN FUND	640,450	0	0	640,450	0	640,450	100
		E60 Sub Totals:	640,450	0	0	640,450	0	640,450	100
		Expense Sub Totals:	640,450	0	0	640,450	0	640,450	100

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
		Dept 00 Sub Totals:	-1,905,050	-225,653	-1,785,856	-119,194	0		
Dept	02-61	WASTEWATER							
E05		PAYROLL & EMPLOYEE EXPENSES							
02-61-56101		Regular Salaries	410,215	26,492	251,767	158,448	0	158,448	39
02-61-56103		Overtime Paid, Comp Time Earn.	35,000	6,094	20,939	14,061	0	14,061	40
02-61-56501		Employer'S Share Fica Ssi	25,433	1,868	15,726	9,707	0	9,707	38
02-61-56502		Employer'S Share Fica Medicare	5,948	469	3,985	1,963	0	1,963	33
02-61-56503		Medical Ins Acwa Health Ben	93,310	7,134	57,717	35,593	0	35,593	38
02-61-56504		Dental Insurance	8,433	652	3,799	4,634	0	4,634	55
02-61-56505		Vision Ins Acwa	1,141	84	643	498	0	498	44
02-61-56506		Life, S/T,L/T Disability Ins	6,145	0	0	6,145	0	6,145	100
02-61-56507		Retirement-Calpers	68,506	2,667	23,380	45,126	0	45,126	66
02-61-56512		Employee Training/Tuition Reim	3,000	688	1,918	1,082	0	1,082	36
02-61-56515		Worker'S Compensation Ins	19,117	0	12,904	6,213	0	6,213	33
02-61-56516		State Unemployment Ins, E.T.T.	1,260	35	1,285	-25	0	-25	0
02-61-56518		Duty Pay	13,000	750	7,250	5,750	0	5,750	44
02-61-56520		Deferred Comp-Employer Contrib	13,000	773	6,601	6,399	0	6,399	49
02-61-56524		Other Post Employment Benefits	3,481	0	0	3,481	0	3,481	100
		E05 Sub Totals:	706,989	47,704	407,915	299,074	0	299,074	42
E60		WASTEWATER EXPENSES							
02-61-60000		Equipment	18,300	0	15,376	2,924	0	2,924	16
02-61-63100		Equipment Maintenance-Sewer	22,000	0	10,863	11,137	9,835	1,302	6
02-61-63401		Building Maintenance	6,000	232	232	5,768	303	5,465	91
02-61-70000		Professional Services	0	7,800	8,250	-8,250	0	-8,250	0
02-61-70300		Legal Services	10,000	0	0	10,000	0	10,000	100
02-61-72000		Supplies And Services-Sewer	102,000	3,077	51,316	50,684	15,930	34,754	34
02-61-72150		Regulatory Permits	5,000	1,588	6,251	-1,251	0	-1,251	0
02-61-72200		Books And Resources	300	0	0	300	0	300	100
02-61-72400		Dues And Subscriptions	800	0	538	262	0	262	33

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
02-61-72600		Sewer Line Cleaning	20,000	0	1,013	18,987	0	18,987	95
02-61-73000		Small Tools And Equipment	3,000	509	978	2,022	43	1,980	66
02-61-75300		Travel/Conferences/Training	2,000	0	135	1,865	0	1,865	93
02-61-77000		Sewage Treat.-Oceanside Plant	900,000	593,445	593,479	306,521	0	306,521	34
02-61-77100		Replacement Reserve-Oceanside	331,100	0	0	331,100	0	331,100	100
02-61-78000		Utilities	58,000	4,680	30,701	27,299	0	27,299	47
02-61-78300		Hazardous Waster Material Disp	12,000	210	4,930	7,070	0	7,070	59
02-61-78700		Utilities-Propane	6,000	0	963	5,037	0	5,037	84
02-61-82000		Shop And Field Equipment	20,000	0	380	19,620	10,264	9,356	47
		E60 Sub Totals:	1,516,500	611,542	725,404	791,096	36,376	754,720	50
		Expense Sub Totals:	2,223,489	659,246	1,133,319	1,090,170	36,376	1,053,794	47
		Dept 61 Sub Totals:	2,223,489	659,246	1,133,319	1,090,170	36,376		
		Fund Revenue Sub Totals:	2,545,500	225,653	1,785,856	759,644	0	759,644	30
		Fund Expense Sub Totals:	2,863,939	659,246	1,133,319	1,730,620	36,376	1,694,244	59
		Fund 02 Sub Totals:	318,439	433,594	-652,537	970,976	36,376		
Fund	**03**	**GENERAL FUND**							
Dept	03-00								
R70		OTHER REVENUE							
03-00-42200		Overhead Trs From Water, Sewer	4,730,000	0	0	4,730,000	0	4,730,000	100
03-00-43102		Operating Inc Penalty/Int Chgs	225,000	11,932	124,825	100,175	0	100,175	45
03-00-43108		Operating Inc Plan Check Rev.	12,000	465	1,395	10,605	0	10,605	88
03-00-49108		Non Oper Inc-Rents And Leases	80,000	10,781	103,628	-23,628	0	-23,628	0
03-00-49109		Miscellaneous Revenue	15,000	10,442	44,383	-29,383	0	-29,383	0
03-00-49114		MISC Revenue - Eng. Services	0	0	1,050	-1,050	0	-1,050	0
		R70 Sub Totals:	5,062,000	33,620	275,281	4,786,719	0	4,786,719	95

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		Revenue Sub Totals:	5,062,000	33,620	275,281	4,786,719	0	4,786,719	95
		Dept 00 Sub Totals:	-5,062,000	-33,620	-275,281	-4,786,719	0		
Dept	03-20	BOARD							
E05		PAYROLL & EMPLOYEE EXPENSES							
03-20-56202		Board Member Expenses	13,500	600	4,050	9,450	0	9,450	70
03-20-56501		FICAR	837	37	251	586	0	586	70
03-20-56502		MEDIR	196	9	59	137	0	137	70
03-20-56515		Worker's Compensation Ins.	80	0	0	80	0	80	100
		E05 Sub Totals:	14,613	646	4,360	10,253	0	10,253	70
E75		BOARD OF DIRECTORS							
03-20-72000		Supplies And Services	300	0	31	269	0	269	90
03-20-75300		Travel/Conferences/Training	19,875	195	4,177	15,698	0	15,698	79
		E75 Sub Totals:	20,175	195	4,208	15,967	0	15,967	79
		Expense Sub Totals:	34,788	841	8,568	26,220	0	26,220	75
		Dept 20 Sub Totals:	34,788	841	8,568	26,220	0		
Dept	03-36	GARAGE							
E05		PAYROLL & EMPLOYEE EXPENSES							
03-36-56101		Regular Salaries	87,250	6,215	49,828	37,422	0	37,422	43
03-36-56103		Overtime Paid, Comp Time Earn.	1,000	583	1,403	-403	0	-403	0
03-36-56501		Employer'S Share Fica Ssi	5,410	394	2,872	2,538	0	2,538	47
03-36-56502		Employer'S Share Fica Medicare	1,265	99	729	536	0	536	42
03-36-56503		Medical Ins Acwa Health Ben	18,402	1,311	11,070	7,332	0	7,332	40
03-36-56504		Dental Insurance	1,687	144	793	894	0	894	53
03-36-56505		Vision Ins Acwa	228	19	130	98	0	98	43
03-36-56506		Life, S/T,L/T Disability Ins	1,323	0	0	1,323	0	1,323	100

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
03-36-56507		Retirement-Calpers	14,571	626	4,968	9,603	0	9,603	66
03-36-56515		Worker'S Compensation Ins	3,603	0	2,432	1,171	0	1,171	32
03-36-56516		State Unemployment Ins, E.T.T.	252	0	217	35	0	35	14
03-36-56520		Deferred Comp-Employer Contrib	2,600	50	403	2,197	0	2,197	84
		E05 Sub Totals:	137,591	9,439	74,845	62,746	0	62,746	46
E35		GARAGE EXPENSES							
03-36-63000		Equipment	2,500	14	1,509	991	9,471	-8,479	0
03-36-63100		Equipment Maintenance	25,000	3,628	13,625	11,375	24,787	-13,412	0
03-36-63421		Fuel And Oil	95,000	10,380	52,326	42,674	30,760	11,914	13
03-36-63422		Repair, Supplies, Auto	65,000	11,097	54,398	10,602	31,102	-20,500	0
03-36-72000		Supplies And Services	5,500	366	3,550	1,950	14,168	-12,217	0
03-36-72150		Regulatory Permits	3,000	617	2,058	942	0	942	31
03-36-73000		Small Tools And Equipment	6,500	0	359	6,141	6,369	-228	0
03-36-75300		Travel/Conferences/Training	1,000	0	0	1,000	338	662	66
03-36-83000		Vehicles	295,000	51,746	137,405	157,595	129,278	28,317	10
		E35 Sub Totals:	498,500	77,848	265,229	233,271	246,274	-13,003	0
		Expense Sub Totals:	636,091	87,287	340,074	296,017	246,274	49,742	8
		Dept 36 Sub Totals:	636,091	87,287	340,074	296,017	246,274		
Dept	03-41	ADMINISTRATION/HR							
E05		PAYROLL & EMPLOYEE EXPENSES							
03-41-56101		Regular Salaries	547,985	40,722	359,984	188,001	0	188,001	34
03-41-56103		Overtime Paid, Comp Time Earn.	6,100	1,057	4,607	1,493	0	1,493	24
03-41-56501		Employer'S Share Fica Ssi	34,161	2,427	16,154	18,007	0	18,007	53
03-41-56502		Employer'S Share Fica Medicare	7,989	612	5,288	2,701	0	2,701	34
03-41-56503		Medical Ins Acwa Health Ben	60,027	3,106	29,765	30,262	0	30,262	50
03-41-56504		Dental Insurance	5,621	524	3,043	2,578	0	2,578	46
03-41-56505		Vision Ins Acwa	913	80	592	321	0	321	35

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03-41-56506	Life, S/T,L/T Disability Ins	6,556	0	599	5,957	0	5,957	91
03-41-56507	Retirement-Calpers	92,015	3,772	29,683	62,332	0	62,332	68
03-41-56511	Employee Uniform Allowance	16,000	2,173	7,755	8,245	55	8,189	51
03-41-56512	Employee Training/Tuition Reim	3,950	0	2,566	1,384	0	1,384	35
03-41-56515	Worker'S Compensation Ins	22,170	0	14,235	7,935	0	7,935	36
03-41-56516	State Unemployment Ins, E.T.T.	1,008	54	1,052	-44	0	-44	0
03-41-56520	Deferred Comp-Employer Contrib	10,400	672	5,401	4,999	0	4,999	48
03-41-56524	Other Post Employment Benefits	6,413	0	0	6,413	0	6,413	100
	E05 Sub Totals:	821,308	55,200	480,725	340,583	55	340,527	41
E40	ADMINISTRATION & HR EXPENSES							
03-41-56513	Employee Relations	12,675	1,933	10,184	2,491	0	2,491	20
03-41-60100	Computers	225,000	5,037	176,845	48,155	15,411	32,744	15
03-41-63102	Equipment Maintenance Contract	2,500	0	0	2,500	0	2,500	100
03-41-63200	Equipment Rental	37,000	2,657	24,726	12,274	0	12,274	33
03-41-63400	Kitchen Supplies	3,000	0	1,435	1,565	1,204	361	12
03-41-63401	Building Maintenance	91,400	7,426	95,822	-4,422	13,258	-17,679	0
03-41-65000	Property/Liability Insurance	193,093	0	193,093	0	0	0	0
03-41-65100	District Paid Insurance Claims	20,000	0	5,528	14,472	0	14,472	72
03-41-70000	Professional Services	178,900	0	31,721	147,179	0	147,179	82
03-41-70300	Legal Services	200,000	710	99,111	100,889	0	100,889	50
03-41-72000	Supplies And Services	27,050	1,680	18,618	8,432	3,616	4,817	18
03-41-72200	Books And Resources	250	0	0	250	0	250	100
03-41-72400	Dues And Subscriptions	60,007	1,584	56,967	3,040	0	3,040	5
03-41-72702	Public Notices/Advertising	1,000	0	313	687	0	687	69
03-41-72900	Stationary & Office Supplies	25,000	2,434	11,506	13,494	2,471	11,023	44
03-41-74000	Communicatons & Phone Bills	12,000	958	7,839	4,161	0	4,161	35
03-41-74100	Phone Bill	27,476	1,432	31,826	-4,350	0	-4,350	0
03-41-75300	Travel/Conferences/Training	25,720	1,526	14,886	10,834	0	10,834	42
03-41-78000	Utilities-Electricity	50,000	2,794	28,292	21,708	0	21,708	43
03-41-78700	Utilities -Propane	4,000	2,367	4,918	-918	0	-918	0
03-41-78900	Trash Pick-Up	6,000	346	3,419	2,581	0	2,581	43

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Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
		E40 Sub Totals:	1,202,071	32,883	817,050	385,021	35,960	349,061	29
		Expense Sub Totals:	2,023,379	88,084	1,297,775	725,604	36,015	689,588	34
		Dept 41 Sub Totals:	2,023,379	88,084	1,297,775	725,604	36,015		
Dept	03-43	SAFETY							
E05		PAYROLL & EMPLOYEE EXPENSES							
03-43-56101		Regular Salaries	71,615	5,915	43,912	27,703	0	27,703	39
03-43-56103		Overtime Paid, Comp Time Earn.	300	98	170	130	0	130	43
03-43-56501		Employer'S Share Fica Ssi	4,440	355	2,575	1,865	0	1,865	42
03-43-56502		Employer'S Share Fica Medicare	1,038	89	660	378	0	378	36
03-43-56503		Medical Ins Acwa Health Ben	9,344	986	6,401	2,943	0	2,943	31
03-43-56504		Dental Insurance	1,687	151	820	867	0	867	51
03-43-56505		Vision Ins Acwa	228	19	135	93	0	93	41
03-43-56506		Life, S/T,L/T Disability Ins	1,080	0	0	1,080	0	1,080	100
03-43-56507		Retirement-Calpers	11,960	569	4,345	7,615	0	7,615	64
03-43-56512		Employee Training/Tuition Reim	350	120	120	230	0	230	66
03-43-56515		Worker'S Compensation Ins	2,912	0	1,850	1,062	0	1,062	36
03-43-56516		State Unemployment Ins, E.T.T.	252	55	228	24	0	24	10
03-43-56520		Deferred Comp-Employer Contrib	2,600	209	1,636	964	0	964	37
03-43-56524		Other Post Employment Benefits	0	0	0	0	0	0	0
		E05 Sub Totals:	107,806	8,566	62,851	44,955	0	44,955	42
E45		SAFTEY COMPLIANCE EXPENSES							
03-43-63100		Equipment Maintenance	8,000	0	2,046	5,954	0	5,954	74
03-43-63102		Equipment Maintenance Contract	21,200	1,353	11,583	9,617	0	9,617	45
03-43-72000		Supplies And Services	16,500	599	10,710	5,790	8,215	-2,425	0
03-43-72200		Books And Resources	200	0	0	200	0	200	100
03-43-72400		Dues And Subscriptions	800	0	280	520	0	520	65
03-43-72500		Safety Supplies	25,000	1,762	14,356	10,644	7,075	3,569	14
03-43-73000		Small Tools And Equipment	300	0	0	300	0	300	100
03-43-75300		Travel/Conferences/Training	2,000	0	934	1,066	0	1,066	53

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		E45 Sub Totals:	74,000	3,714	39,909	34,091	15,290	18,801	25
		Expense Sub Totals:	181,806	12,280	102,760	79,046	15,290	63,756	35
		Dept 43 Sub Totals:	181,806	12,280	102,760	79,046	15,290		
Dept	03-51	FINANCE							
E05		PAYROLL & EMPLOYEE EXPENSES							
03-51-56101		Regular Salaries	350,641	25,945	186,926	163,715	0	163,715	47
03-51-56103		Overtime Paid, Comp Time Earn.	200	671	3,643	-3,443	0	-3,443	0
03-51-56501		Employer'S Share Fica Ssi	21,740	1,581	11,156	10,584	0	10,584	49
03-51-56502		Employer'S Share Fica Medicare	5,084	397	2,837	2,247	0	2,247	44
03-51-56503		Medical Ins Acwa Health Ben	33,446	3,620	18,507	14,939	0	14,939	45
03-51-56504		Dental Insurance	4,494	295	1,492	3,002	0	3,002	67
03-51-56505		Vision Ins Acwa	913	75	454	459	0	459	50
03-51-56506		Life, S/T,L/T Disability Ins	5,136	0	0	5,136	0	5,136	100
03-51-56507		Retirement-Calpers	58,557	2,294	16,017	42,540	0	42,540	73
03-51-56512		Employee Training/Tuition Reim	2,400	0	0	2,400	0	2,400	100
03-51-56515		Worker'S Compensation Ins	13,421	0	9,059	4,362	0	4,362	33
03-51-56516		State Unemployment Ins, E.T.T.	1,008	148	1,179	-171	0	-171	0
03-51-56520		Deferred Comp-Employer Contrib	10,400	799	5,551	4,849	0	4,849	47
03-51-56524		Other Post Employment Benefits	3,168	0	0	3,168	0	3,168	100
		E05 Sub Totals:	510,608	35,824	256,821	253,787	0	253,787	50
E50		FINANCE EXPENSES							
03-51-69000		Postage	46,500	1,855	24,900	21,600	0	21,600	46
03-51-70100		Annual Audit Services	15,000	0	10,997	4,003	0	4,003	27
03-51-70400		Bank Service Charges	42,000	0	31,713	10,287	0	10,287	24
03-51-72000		Supplies And Services	100	0	0	100	0	100	100
03-51-72700		Printing And Reproductions	2,000	0	124	1,876	0	1,876	94
03-51-75300		Travel/Conferences/Training	2,500	366	764	1,736	0	1,736	69

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		E50 Sub Totals:	108,100	2,221	68,497	39,603	0	39,603	37
		Expense Sub Totals:	618,708	38,046	325,319	293,390	0	293,390	47
		Dept 51 Sub Totals:	618,708	38,046	325,319	293,390	0		
Dept	03-52	CUSTOMER SERVICE							
E05		PAYROLL & EMPLOYEE EXPENSES							
03-52-56101		Regular Salaries	155,878	11,685	106,203	49,675	0	49,675	32
03-52-56103		Overtime Paid, Comp Time Earn.	3,500	1,045	5,311	-1,811	0	-1,811	0
03-52-56501		Employer'S Share Fica Ssi	9,664	746	6,523	3,141	0	3,141	33
03-52-56502		Employer'S Share Fica Medicare	2,260	186	1,652	608	0	608	27
03-52-56503		Medical Ins Acwa Health Ben	35,779	3,202	24,951	10,828	0	10,828	30
03-52-56504		Dental Insurance	5,060	346	1,960	3,100	0	3,100	61
03-52-56505		Vision Ins Acwa	685	58	504	181	0	181	26
03-52-56506		Life, S/T,L/T Disability Ins	2,321	0	0	2,321	0	2,321	100
03-52-56507		Retirement-Calpers	26,032	936	8,226	17,807	0	17,807	68
03-52-56512		Employee Training/Tuition Reim	1,000	0	0	1,000	0	1,000	100
03-52-56515		Worker'S Compensation Ins	5,966	0	4,027	1,939	0	1,939	32
03-52-56516		State Unemployment Ins, E.T.T.	756	276	709	47	0	47	6
03-52-56520		Deferred Comp-Employer Contrib	7,800	399	3,333	4,467	0	4,467	57
03-52-56524		Other Post Employment Benefits	1,683	0	0	1,683	0	1,683	100
		E05 Sub Totals:	258,384	18,879	163,399	94,985	0	94,985	37
E55		CUSTOMER SERVICE EXPENSES							
03-52-56508		Employee Sick Leave	0	0	0	0	0	0	0
03-52-63100		Equipment Maintenance	300	0	0	300	0	300	100
03-52-69110		Bad Debt Exp/Billing Adjust'S	20,000	0	324	19,676	0	19,676	98
03-52-72000		Supplies And Services	159,000	15,366	126,299	32,701	0	32,701	21
03-52-72700		Printing And Reproductions	3,000	0	832	2,168	0	2,168	72
03-52-75300		Travel/Conferences/Training	1,000	0	0	1,000	0	1,000	100

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RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Account Number		Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
		E55 Sub Totals:	183,300	15,366	127,456	55,844	0	55,844	30
		Expense Sub Totals:	441,684	34,245	290,855	150,829	0	150,829	34
		Dept 52 Sub Totals:	441,684	34,245	290,855	150,829	0		
Dept	03-91	ENGINEERING							
E05		PAYROLL & EMPLOYEE EXPENSES							
03-91-56101		Regular Salaries	518,020	40,496	296,276	221,744	0	221,744	43
03-91-56103		Overtime Paid, Comp Time Earn.	4,000	0	177	3,823	0	3,823	96
03-91-56501		Employer'S Share Fica Ssi	32,117	2,310	16,816	15,301	0	15,301	48
03-91-56502		Employer'S Share Fica Medicare	7,511	585	4,282	3,229	0	3,229	43
03-91-56503		Medical Ins Acwa Health Ben	81,688	7,602	47,583	34,105	0	34,105	42
03-91-56504		Dental Insurance	8,151	729	3,754	4,397	0	4,397	54
03-91-56505		Vision Ins Acwa	1,027	124	819	208	0	208	20
03-91-56506		Life, S/T,L/T Disability Ins	6,963	0	0	6,963	0	6,963	100
03-91-56507		Retirement-Calpers	86,509	3,837	26,383	60,126	0	60,126	70
03-91-56512		Employee Training/Tuition Reim	1,200	0	195	1,005	199	806	67
03-91-56515		Worker'S Compensation Ins	20,734	0	13,383	7,351	0	7,351	35
03-91-56516		State Unemployment Ins, E.T.T.	1,386	94	1,322	64	0	64	5
03-91-56520		Deferred Comp-Employer Contrib	14,300	1,137	8,260	6,040	0	6,040	42
03-91-56524		Other Post Employment Benefits	0	0	0	0	0	0	0
		E05 Sub Totals:	783,606	56,915	419,251	364,355	199	364,156	46
E65		ENGINEERING EXPENSES							
03-91-63000		Equipment	4,000	0	0	4,000	0	4,000	100
03-91-63102		Equipment Maintenance Contract	102,310	4,743	48,471	53,839	0	53,839	53
03-91-70000		Professional Services	200,000	7,365	168,714	31,286	0	31,286	16
03-91-72000		Supplies And Services	21,134	301	17,161	3,973	0	3,973	19
03-91-72200		Books And Resources	500	0	215	286	0	286	57
03-91-72400		Dues And Subscriptions	765	0	0	765	0	765	100
03-91-72700		Printing And Reproductions	1,000	0	873	127	0	127	13
03-91-75300		Travel/Conferences/Training	5,000	600	650	4,350	0	4,350	87

General Ledger

Interim Financials

Period: Feb-17

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Account Number	Description	Budget Amount	Period Amount	YTD Amount	YTD Variance	Encumbered Amount	Available	% Available
	E65 Sub Totals:	334,709	13,009	236,083	98,626	0	98,626	29
	Expense Sub Totals:	1,118,315	69,923	655,334	462,981	199	462,782	41
	Dept 91 Sub Totals:	1,118,315	69,923	655,334	462,981	199		
	Fund Revenue Sub Totals:	5,062,000	33,620	275,281	4,786,719	0	4,786,719	95
	Fund Expense Sub Totals:	5,054,771	330,706	3,020,685	2,034,086	297,778	1,736,308	34
	Fund 03 Sub Totals:	-7,229	297,086	2,745,404	-2,752,633	297,778		
	Revenue Totals:	42,947,400	1,630,899	24,452,712	18,494,688	0	18,494,688	43
	Expense Totals:	37,987,984	2,410,892	23,203,814	14,784,170	519,998	14,264,172	38
	Report Totals:	-4,959,416	779,993	-1,248,898	-3,710,518	519,998		

Accounts Payable

February American Express Detail

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check Number	Check Date			Amount
245 - ABCANA INDUSTRIES Line Item Account				
3091701	03/09/2017			
Inv 1001119				
Line Item Date	Line Item Description		Line Item Account	
02/08/2017	HYPOCHLORITE SOLUTION BULK DELIVERY AND SODIUI		01-32-72000	747.49
Inv 1001119 Total				747.49
3091701 Total:				747.49
245 - ABCANA INDUSTRIES Total:				747.49
310 - ACWA Line Item Account				
3091702	03/09/2017			
Inv INV13364-P5Q7W0				
Line Item Date	Line Item Description		Line Item Account	
02/08/2017	ACWA 2017 SPRING CONFERENCE, FULL CONFERENCE REC		03-41-75300	699.00
Inv INV13364-P5Q7W0 Total				699.00
Inv INV13367-S2M4B7				
Line Item Date	Line Item Description		Line Item Account	
02/08/2017	ACWA 2017 SPRING CONFERENCE, FULL CONFERENCE REC		03-41-75300	699.00
Inv INV13367-S2M4B7 Total				699.00
3091702 Total:				1,398.00
310 - ACWA Total:				1,398.00
603308 - ALASKA AIRLINES Line Item Account				
3091703	03/09/2017			
Inv 7242763770346MM				
Line Item Date	Line Item Description		Line Item Account	
02/08/2017	ACWA SPRING CONFERENCE PASSENGER TICKET: MICHAE		03-41-75300	189.39
Inv 7242763770346MM Total				189.39
Inv 7242763770346TK				
Line Item Date	Line Item Description		Line Item Account	

Check Number	Check Date			Amount
	02/08/2017	ACWA SPRING CONFERENCE PASSENGER TICKET: THOMA	03-41-75300	189.39
	Inv 7242763770346TK Total			189.39
3091703 Total:				378.78
603308 - ALASKA AIRLINES Total:				378.78

280 - AMAZON.COM Line Item Account

3091704 03/09/2017

Inv 0379277-2305846

Line Item Date	Line Item Description	Line Item Account	
02/09/2017	4 OF CASTER, FOR KING CRAWLER TOOL & INDUSTRIAL	03-36-63422	78.48
Inv 0379277-2305846 Total			78.48

Inv 0435123-3361036

Line Item Date	Line Item Description	Line Item Account	
02/14/2017	ERGOTRON WORKFIT-A SNGLE MONITOR SIT/STAND WOR	03-43-72500	482.87
Inv 0435123-3361036 Total			482.87

Inv 0875842-5453846

Line Item Date	Line Item Description	Line Item Account	
02/03/2017	KANTECH P20DYE IOPROX THIN CREDIT CARD SIZE PROX	03-43-63102	221.24
Inv 0875842-5453846 Total			221.24

Inv 2167255-2328237

Line Item Date	Line Item Description	Line Item Account	
02/02/2017	TOPFIT SELFIE STICK, PROFESSIONAL EXTENDABLE BLUE	01-32-72000	36.00
02/02/2017	TOPFIT SELFIE STICK, PROFESSIONAL EXTENDABLE BLUE	02-61-72000	36.00
Inv 2167255-2328237 Total			72.00

Inv 2501421-7094668

Line Item Date	Line Item Description	Line Item Account	
02/27/2017	ERGONOMIC WIRELESS DESKTOP KEYBOARD & MOUSE, L	03-41-60100	126.54
Inv 2501421-7094668 Total			126.54

Inv 3487941-7677817

Line Item Date	Line Item Description	Line Item Account	
02/13/2017	CABLE MATTERS 2 PACK DVI-O, TRIPP LITE USB 2.0 VGA D	03-41-60100	97.59
Inv 3487941-7677817 Total			97.59

Inv 4894561-6448262

Line Item Date	Line Item Description	Line Item Account	
02/13/2017	ERGOTRON GROMMET MOUNT FOR WORKFIT-A SIT-STAN	03-43-72500	48.18

Check Number	Check Date			Amount
Inv 4894561-6448262 Total				48.18
Inv 6004943-8771454				
Line Item Date	Line Item Description		Line Item Account	
02/03/2017	DIMMABLE HEADLIGHT FOR CAMPING WEKSI DUAL T6 XI		03-43-72500	93.96
Inv 6004943-8771454 Total				93.96
Inv 7012976-5646650				
Line Item Date	Line Item Description		Line Item Account	
02/05/2017	ID BADGE HOLDER, KEY CLIP		03-43-63102	17.02
Inv 7012976-5646650 Total				17.02
Inv 7646253-6170634				
Line Item Date	Line Item Description		Line Item Account	
02/09/2017	SUNEX SX1000 DUAL FUNCTION POWER VACUUM		03-36-73000	54.52
Inv 7646253-6170634 Total				54.52
Inv 8372233-8668201				
Line Item Date	Line Item Description		Line Item Account	
02/05/2017	DESKTOP CARD PRINTERS, SWIVEL HOOK, KEY HOLDER-E		03-43-63102	52.40
Inv 8372233-8668201 Total				52.40
Inv 9788598-5539426				
Line Item Date	Line Item Description		Line Item Account	
02/12/2017	HD DOLLY ADJ TRAILER MOVES W/ CASTER		03-43-72500	204.08
Inv 9788598-5539426 Total				204.08
3091704 Total:				1,548.88
280 - AMAZON.COM Total:				1,548.88
4970 - BRADY SAND & MATERIAL, INC. Line Item Account				
3091705	03/09/2017			
Inv 201701-17				
Line Item Date	Line Item Description		Line Item Account	
01/27/2017	CLASS II BASE, THE YARD, FT BILL 75233		01-34-72000	2,517.31
Inv 201701-17 Total				2,517.31
Inv 201702-13				
Line Item Date	Line Item Description		Line Item Account	
02/08/2017	CLASS II BASE, THE YARD, FT BILL 75908		01-34-72000	1,775.15
Inv 201702-13 Total				1,775.15

Check Number	Check Date			Amount
Inv 201702-14				
Line Item Date	Line Item Description		Line Item Account	
02/08/2017	COLD MIX, SPLIT LOAD CHARGE, THE YARD, FT BILL 7590		01-34-72000	1,676.97
Inv 201702-14 Total				1,676.97
Inv 201702-15				
Line Item Date	Line Item Description		Line Item Account	
02/09/2017	CLASS II BASE, FT BILL 75912		01-34-72000	1,197.64
Inv 201702-15 Total				1,197.64
Inv 201702-8				
Line Item Date	Line Item Description		Line Item Account	
02/03/2017	3/4" ROCK, THE YARD, FT BILL 145106		01-34-72000	1,378.12
Inv 201702-8 Total				1,378.12
3091705 Total:				8,545.19
4970 - BRADY SAND & MATERIAL, INC. Total:				8,545.19
1940 - CA SPECIAL DIST. ASSOCIATION Line Item Account				
0	03/09/2017			
Inv 7645491019				
Line Item Date	Line Item Description		Line Item Account	
02/24/2017	2017 SPECIAL DISTRICTS LEGISLATIVE DAYS ATTENDANCI		03-20-75300	175.00
Inv 7645491019 Total				175.00
Inv 7645492477				
Line Item Date	Line Item Description		Line Item Account	
02/24/2017	2017 SPECIAL DISTRICTS LEGISLATIVE DAYS ATTENDANCI		03-20-75300	175.00
Inv 7645492477 Total				175.00
Inv 8504272310				
Line Item Date	Line Item Description		Line Item Account	
02/24/2017	2017 SPECIAL DISTRICTS LEGISLATIVE DAYS ATTENDANCI		03-41-75300	175.00
Inv 8504272310 Total				175.00
0 Total:				525.00
1940 - CA SPECIAL DIST. ASSOCIATION Total:				525.00
2885 - CORELOGIC INFORMATION Line Item Account				
3091706	03/09/2017			

Check Number	Check Date			Amount
Inv 81769223				
Line Item Date	Line Item Description		Line Item Account	
01/31/2017	REALQUEST.COM SALE DOC IMAGE		03-91-63102	50.00
Inv 81769223 Total				50.00
Inv 81772325				
Line Item Date	Line Item Description		Line Item Account	
01/31/2017	REALQUEST.COM MAP SEARCH, GEOGRAPHIC MAP SEARC		03-91-63102	192.50
Inv 81772325 Total				192.50
3091706 Total:				242.50
2885 - CORELOGIC INFORMATION Total:				242.50
2027 - CULLIGAN OF ESCONDIDO Line Item Account				
3091707	03/09/2017			
Inv 013117				
Line Item Date	Line Item Description		Line Item Account	
01/31/2017	WATER SOFTNER, SERVICE PERIOD: 02/01-02/28		03-41-63401	74.93
Inv 013117 Total				74.93
3091707 Total:				74.93
2027 - CULLIGAN OF ESCONDIDO Total:				74.93
2170 - CWEA Line Item Account				
3091708	03/09/2017			
Inv 323766				
Line Item Date	Line Item Description		Line Item Account	
02/27/2017	COLLECTION SYSTEM SPECIALTY WORKSHOP/MENIFEE C		02-61-75300	45.00
02/27/2017	COLLECTION SYSTEM SPECIALTY WORKSHOP/MENIFEE C		02-61-75300	45.00
02/27/2017	COLLECTION SYSTEM SPECIALTY WORKSHOP/MENIFEE C		02-61-75300	45.00
02/27/2017	COLLECTION SYSTEM SPECIALTY WORKSHOP/MENIFEE C		02-61-75300	45.00
Inv 323766 Total				180.00
3091708 Total:				180.00
2170 - CWEA Total:				180.00
3325 - GRAINGER, W.W. INC. Line Item Account				
3091709	03/09/2017			
Inv 9346578322				
Line Item Date	Line Item Description		Line Item Account	
01/31/2017	3/4" W PTFE THREAD SEALANT TAPE WHITE 520"		01-34-72000	68.96

Check Number	Check Date			Amount
	01/31/2017	ELECTRICAL TAPE P/N - K1046	01-00-14610	67.08
	01/31/2017	CAUTION TAPE P/N - K1048	01-00-14610	60.13
	01/31/2017	MEASURING TAPE P/N - S1053	01-00-14610	42.16
	Inv 9346578322 Total			238.33
	Inv 9350973997			
	Line Item Date	Line Item Description	Line Item Account	
	02/08/2017	VISE, 17-5/6,LX9-7/64IN. W	01-32-72000	1,331.00
	Inv 9350973997 Total			1,331.00
	Inv 9355045452			
	Line Item Date	Line Item Description	Line Item Account	
	02/08/2017	SUMP PUMP, 1/3 HP 1-1/2" NPT	01-32-72000	221.36
	Inv 9355045452 Total			221.36
3091709 Total:				1,790.69
3325 - GRAINGER, W.W. INC. Total:				1,790.69
603169 - LO, ROBERT Line Item Account				
3091710	03/09/2017			
	Inv 4852			
	Line Item Date	Line Item Description	Line Item Account	
	02/15/2017	SYMPATHY FLOWERS FOR EMPLOYEE	03-41-56513	56.16
	Inv 4852 Total			56.16
3091710 Total:				56.16
603169 - LO, ROBERT Total:				56.16
5425 - OFFICE DEPOT Line Item Account				
3091711	03/09/2017			
	Inv 2030897822			
	Line Item Date	Line Item Description	Line Item Account	
	01/23/2017	BUSINESS CARDS, SAME DAY, BC	03-41-72900	43.05
	Inv 2030897822 Total			43.05
	Inv 858204916001			
	Line Item Date	Line Item Description	Line Item Account	
	02/15/2017	APPLY CREDIT	03-41-72900	-20.37
	Inv 858204916001 Total			-20.37

Check Number	Check Date		Amount
Inv 893526483002			
Line Item Date	Line Item Description	Line Item Account	
02/11/2017	CARTRIDGE, TONER, 131A, HP, 829906	03-41-72900	91.58
Inv 893526483002 Total			91.58
Inv 893913776001			
Line Item Date	Line Item Description	Line Item Account	
01/25/2017	DRIVE USB, ATTACHE 3, 32GB, 124999	03-41-72900	80.17
Inv 893913776001 Total			80.17
Inv 897763495001			
Line Item Date	Line Item Description	Line Item Account	
01/25/2017	CLEANER-PLEDGE, SPRAY-NEUTRA AIR, TONER CARTRID(	03-41-72900	319.74
Inv 897763495001 Total			319.74
Inv 898286000001			
Line Item Date	Line Item Description	Line Item Account	
01/26/2017	HIGHLIGHTERS, PEN-BALL PT, HEATER-WALL MOUNT, MA	03-41-72900	148.32
Inv 898286000001 Total			148.32
Inv 901494718-001			
Line Item Date	Line Item Description	Line Item Account	
02/09/2017	PENDAFLEX PREMIUM REINFORCED EXTRA CAPACITY HA	03-41-72900	35.80
Inv 901494718-001 Total			35.80
Inv 901495604001			
Line Item Date	Line Item Description	Line Item Account	
02/08/2017	EXTRA CAPACITY, 2" LTR	03-41-72900	30.70
Inv 901495604001 Total			30.70
Inv 901495655001			
Line Item Date	Line Item Description	Line Item Account	
03/11/2017	FILE, DESK, LTR, A-Z, 20 TABS, FOLDER, HNG, LGL & LTR	03-41-72900	49.59
Inv 901495655001 Total			49.59
Inv 901822897001			
Line Item Date	Line Item Description	Line Item Account	
02/09/2017	FLDR, PRSSSBRD, 4-SEC, LGL & FLDR, CLASS, PRSBRD, 1D	03-41-72900	155.14
Inv 901822897001 Total			155.14
Inv 906361289001			
Line Item Date	Line Item Description	Line Item Account	
02/15/2017	BADGE-INSERTS, TONER	03-41-72900	75.13

Check Number	Check Date			Amount
Inv 906361289001 Total				75.13
Inv 906367733001				
Line Item Date	Line Item Description		Line Item Account	
02/15/2017	HOLDER-BADGE, CLIP		03-41-72900	16.37
Inv 906367733001 Total				16.37
Inv 906367778001				
Line Item Date	Line Item Description		Line Item Account	
02/15/2017	TONER		03-41-72900	56.74
Inv 906367778001 Total				56.74
3091711 Total:				1,081.96
5425 - OFFICE DEPOT Total:				1,081.96
5910 - PACIFIC PIPELINE SUPPLY Line Item Account				
3091712	03/09/2017			
Inv 312081				
Line Item Date	Line Item Description		Line Item Account	
01/31/2017	MBW-100-RT MTR BX LID LIFTER WITH RUBBER LENS TIP		01-00-14610	284.46
Inv 312081 Total				284.46
Inv 312362				
Line Item Date	Line Item Description		Line Item Account	
02/16/2017	2" 150# AVK GATE VALVE FLGXFLG P/N - Y2150		01-00-14610	1,421.65
Inv 312362 Total				1,421.65
Inv 312381				
Line Item Date	Line Item Description		Line Item Account	
02/10/2017	8" 150lb AVK GATE VALVE W/2" NUT P/N - Y1410		01-00-14610	3,349.71
02/10/2017	6"150# AVK GATE VLV FLG X FLG /W/2"NUT P/N - Y1435		01-00-14610	1,428.57
Inv 312381 Total				4,778.28
3091712 Total:				6,484.39
5910 - PACIFIC PIPELINE SUPPLY Total:				6,484.39
603118 - POWELL'S OFFICE FURNITURE Line Item Account				
3091713	03/09/2017			
Inv 8291				
Line Item Date	Line Item Description		Line Item Account	
02/17/2017	ELUSION SERIES MESH CHAIR MULTIFUNCTION + SHIPPIN		03-41-72000	246.75

Check Number	Check Date			Amount
Inv 8291 Total				246.75
3091713 Total:				246.75
603118 - POWELL'S OFFICE FURNITURE Total:				246.75
5970 - PROCOPIO, CORY, HARGREAVES AND SAVITCH LLP Line Item Account				
3091714	03/09/2017			
Inv 596020				
Line Item Date	Line Item Description		Line Item Account	
02/07/2017	SERVICES THROUGH 1/31/17: REVIEW CORRESPOND RE DE		03-41-70300	106.50
Inv 596020 Total				106.50
3091714 Total:				106.50
5970 - PROCOPIO, CORY, HARGREAVES AND SAVITCH LLP Total:				106.50
603143 - PROFLOWERS Line Item Account				
3091715	03/09/2017			
Inv 110526881071				
Line Item Date	Line Item Description		Line Item Account	
02/02/2017	SYMPATHY BASKET FOR EMPLOYEE		03-41-56513	79.96
Inv 110526881071 Total				79.96
3091715 Total:				79.96
603143 - PROFLOWERS Total:				79.96
5976 - PRUDENTIAL OVERALL SUPPLY Line Item Account				
3091716	03/09/2017			
Inv 130714124				
Line Item Date	Line Item Description		Line Item Account	
12/27/2016	MONTHLY UNIFORMS		03-41-56511	125.92
12/27/2016	MATS & MISC		03-41-63401	6.62
Inv 130714124 Total				132.54
Inv 130714125				
Line Item Date	Line Item Description		Line Item Account	
12/27/2016	MONTHLY UNIFORMS		03-41-56511	96.05
Inv 130714125 Total				96.05

Check Number	Check Date			Amount
Inv 130716079				
Line Item Date	Line Item Description		Line Item Account	
01/03/2017	MATS & MISC		03-41-63401	136.62
01/03/2017	MONTHLY UNIFORMS		03-41-56511	135.56
Inv 130716079 Total				272.18
Inv 130716080				
Line Item Date	Line Item Description		Line Item Account	
01/03/2017	MONTHLY UNIFORMS		03-41-56511	96.05
Inv 130716080 Total				96.05
Inv 130717617				
Line Item Date	Line Item Description		Line Item Account	
01/10/2017	MATS & MISC		03-41-63401	6.62
01/10/2017	MONTHLY UNIFORMS		03-41-56511	126.43
Inv 130717617 Total				133.05
Inv 130717618				
Line Item Date	Line Item Description		Line Item Account	
01/10/2017	MONTHLY UNIFORMS		03-41-56511	96.05
Inv 130717618 Total				96.05
Inv 130719179				
Line Item Date	Line Item Description		Line Item Account	
01/17/2017	MONTHLY UNIFORMS		03-41-56511	152.05
01/17/2017	MATS & MISC		03-41-63401	136.62
Inv 130719179 Total				288.67
Inv 130719180				
Line Item Date	Line Item Description		Line Item Account	
01/17/2017	MONTHLY UNIFORMS		03-41-56511	96.05
Inv 130719180 Total				96.05
3091716 Total:				1,210.64
5976 - PRUDENTIAL OVERALL SUPPLY Total:				1,210.64
603309 - SOUTHWEST AIRLINES Line Item Account				
3091717	03/09/2017			
Inv 5265533241913				
Line Item Date	Line Item Description		Line Item Account	
02/28/2017	EARLY BIRD CHECK-IN (SAN-SMF): THOMAS KENNEDY		03-41-75300	15.00
Inv 5265533241913 Total				15.00

Check Number	Check Date	Amount

Inv 5265533241914

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	EARLY BIRD CHECK-IN (SMF-SAN): CLAUDE HAMILTON	03-20-75300	15.00

Inv 5265533241914 Total 15.00

Inv 5265533241915

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	EARLY BIRD CHECK-IN (SMF-SAN): THOMAS KENNEDY	03-41-75300	15.00

Inv 5265533241915 Total 15.00

Inv 5265533241916

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	EARLY BIRD CHECK-IN (SMF-SAN): MICHAEL MACK	03-20-75300	15.00

Inv 5265533241916 Total 15.00

Inv 5265533241917

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	EARLY BIRD CHECK-IN (SAN-SMF): CLAUDE HAMILTON	03-20-75300	15.00

Inv 5265533241917 Total 15.00

Inv 5265533241918

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	EARLY BIRD CHECK-IN (SAN-SMF): MICHAEL MACK	03-20-75300	15.00

Inv 5265533241918 Total 15.00

Inv 5268508775655

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	2017 SPECIAL DISTRICT LEGISLATIVE DAYS AIRFARE: C HA	03-20-75300	198.90

Inv 5268508775655 Total 198.90

Inv 5268508775656

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	2017 SPECIAL DISTRICT LEGISLATIVE DAYS AIRFARE: T KE	03-41-75300	198.90

Inv 5268508775656 Total 198.90

Inv 5268508775657

Line Item Date	Line Item Description	Line Item Account	
02/28/2017	2017 SPECIAL DISTRICT LEGISLATIVE DAYS AIRFARE: M M	03-20-75300	198.90

Inv 5268508775657 Total 198.90

3091717 Total: 686.70

Check Number	Check Date			Amount
603309 - SOUTHWEST AIRLINES Total:				686.70
8226 - WEATHERTECH Line Item Account				
3091718	03/09/2017			
Inv 303374325				
Line Item Date	Line Item Description		Line Item Account	
02/03/2017	ALL -WEATHER FLOOR MATS - FLEXIBLE FLOOR MATS FOI		03-36-63422	124.90
Inv 303374325 Total				124.90
3091718 Total:				124.90
8226 - WEATHERTECH Total:				124.90
8155 - WESTERN WATER WORKS SUPPLY Line Item Account				
3091719	03/09/2017			
Inv 441178-00				
Line Item Date	Line Item Description		Line Item Account	
01/23/2017	1 FT-0808, 8X8 DI FLG TEE, UNABLE TO USE PO#29538		01-00-14610	765.03
Inv 441178-00 Total				765.03
Inv 441235-00				
Line Item Date	Line Item Description		Line Item Account	
01/24/2017	2" BALL VALVE W/LONG HANDLE P/N - F1478		01-00-14610	1,318.86
Inv 441235-00 Total				1,318.86
Inv 441243-00				
Line Item Date	Line Item Description		Line Item Account	
01/24/2017	SSP - 400 SOIL PROBE P/N - S1102		01-00-14610	347.81
Inv 441243-00 Total				347.81
Inv 441616-00				
Line Item Date	Line Item Description		Line Item Account	
02/02/2017	6" STEEL COUPLING 300# THR P/N - D1259		01-00-14610	775.80
02/02/2017	6" 300 SOLID STEEL PLUG THR P/N - D1258		01-00-14610	853.38
Inv 441616-00 Total				1,629.18
Inv 441761-00				
Line Item Date	Line Item Description		Line Item Account	
02/02/2017	BITUMASTIC #50 1 GAL. P/N - K1017		01-00-14610	312.48
Inv 441761-00 Total				312.48
Inv 442062-00				
Line Item Date	Line Item Description		Line Item Account	

Check Number	Check Date			Amount
	02/02/2017	ANTI-SEIZE PURE WHITE FOOD GRADE WITH PTFE P/N - K	01-00-14610	109.10
	Inv 442062-00 Total			109.10
	Inv 442274-00			
	Line Item Date	Line Item Description	Line Item Account	
	02/07/2017	6-8" 150# T316 SS FLG BOLT KIT P/N - D2006	01-00-14610	646.17
	02/07/2017	6" 6-HOLE HYD BREAK-OFF BLTS 3/4 X 3 1/4 T-316 SS P/N -	01-00-14610	515.91
	02/07/2017	8" 150# RING GASKET P/N - G1009	01-00-14610	92.13
	Inv 442274-00 Total			1,254.21
	Inv 442805-00			
	Line Item Date	Line Item Description	Line Item Account	
	02/10/2017	8" SDR 35 PVC PIPE P/N - YL1014	01-00-14610	713.73
	Inv 442805-00 Total			713.73
	Inv 442809-00			
	Line Item Date	Line Item Description	Line Item Account	
	02/16/2017	3/8 CRD CH07194304H 30-300 P/N - C1078	01-00-14610	448.24
	02/16/2017	2" DIAPHRAM REPR KIT 9169805A P/N - C1080	01-00-14610	465.48
	02/16/2017	3" CALV INDICATOR CH0C2609A P/N - C1335	01-00-14610	640.04
	02/16/2017	1/2" CRL 100-300 CH08280901D P/N - C1076HP	01-00-14610	990.22
	Inv 442809-00 Total			2,543.98
3091719 Total:				8,994.38
8155 - WESTERN WATER WORKS SUPPLY Total:				8,994.38
Total:				34,503.80

Director's Expenses
FY 2016-2017

Disbursement Date	Description	Dennis Sanford-25	Helene Brazier-27	Tory Walker-29	Richard Bigley	William Stewart	Retiree
07/31/16	CAL PERS - HEALTH INS.						$ 367.52
	ASSURANT - DENTAL INS.						
	CSDA,SAN DIEGO CHAPTER						
	WATER AGENCIES ASSOC OF S.D.						
	COUNCIL OF WATER UTILITIES			$ 25.00		$ 25.00	
	DIRECTORS' MEETINGS	$ 150.00	$ 150.00	$ 150.00	$ 150.00		
	MILEAGE EXPENSE						
	REIMBURSEMENT FROM DIRECTORS						$ (367.52)
	Monthly Totals	$ 150.00	$ 150.00	$ 175.00	$ 150.00	$ 25.00	$ -
08/31/16	CAL PERS - HEALTH INS.						$ 367.52
	ASSURANT - DENTAL INS.						
	CSDA,SAN DIEGO CHAPTER						
	WATER AGENCIES ASSOC OF S.D.						
	COUNCIL OF WATER UTILITIES						
	DIRECTORS' MEETINGS	$ 150.00	$ 150.00	$ 150.00	$ 150.00	$ 150.00	
	MILEAGE EXPENSE						
	REIMBURSEMENT FROM DIRECTORS						$ (367.52)
	Monthly Totals	$ 150.00	$ 150.00	$ 150.00	$ 150.00	$ 150.00	$ -
09/30/16	CAL PERS - HEALTH INS.						$ 367.52
	ASSURANT - DENTAL INS.						
	CSDA,SAN DIEGO CHAPTER						
	WATER AGENCIES ASSOC OF S.D.						
	COUNCIL OF WATER UTILITIES						
	DIRECTORS' MEETINGS	$ 150.00	$ 150.00			$ 150.00	
	MILEAGE AND EXPENSES						
	REIMBURSEMENT FROM DIRECTORS						$ (367.52)
	Monthly Totals	$ 150.00	$ 150.00	$ -	$ -	$ 150.00	$ -

Director's Expenses
FY 2016-2017

10/31/16	CAL PERS - HEALTH INS.									$	367.52
	ASSURANT - DENTAL INS.										
	CSDA,SAN DIEGO CHAPTER										
	WATER AGENCIES ASSOC OF S.D.										
	COUNCIL OF WATER UTILITIES										
	DIRECTORS' MEETINGS	$	150.00	$	150.00	$	300.00	$	150.00		
	MILEAGE AND EXPENSES										
	REIMBURSEMENT FROM DIRECTORS									$	(367.52)
	Monthly Totals	$	150.00	$	150.00	$	300.00			$	-
11/30/16	CAL PERS - HEALTH INS.									$	367.52
	ASSURANT - DENTAL INS.										
	CSDA,SAN DIEGO CHAPTER										
	WATER AGENCIES ASSOC OF S.D.										
	COUNCIL OF WATER UTILITIES										
	DIRECTORS' MEETINGS										
	MILEAGE EXPENSE										
	REIMBURSEMENT FROM DIRECTORS									$	(367.52)
	Monthly Totals	$	-	$	-	$	-			$	-
12/31/16	CAL PERS - HEALTH INS.									$	367.52
	ASSURANT - DENTAL INS.										
	CSDA,SAN DIEGO CHAPTER										
	WATER AGENCIES ASSOC OF S.D.										
	COUNCIL OF WATER UTILITIES										
	DIRECTORS' MEETINGS	$	150.00	$	150.00	$	150.00	$	150.00		
	MILEAGE EXPENSE										
	REIMBURSEMENT FROM DIRECTORS									$	(367.52)
	Monthly Totals	$	150.00	$	150.00	$	150.00			$	-

Director's Expenses
FY 2016-2017

Disbursement Date	Description	Miguel Gasca	Helene Brazier	Claude Hamilton	Michael Mack	William Stewart	Retiree
01/31/17	CAL PERS - HEALTH INS.						$ 367.52
	ASSURANT - DENTAL INS.						
	CSDA,SAN DIEGO CHAPTER						
	CSDA TRAINING						
	COUNCIL OF WATER UTILITIES						
	DIRECTORS' MEETINGS						
	MILEAGE EXPENSE						
	REIMBURSEMENT FROM DIRECTORS						$ (367.52)
	Monthly Totals	$ -	$ -	$ -	$ -	$ -	$ -
02/28/17	CAL PERS - HEALTH INS.						$ 367.52
	ASSURANT - DENTAL INS.						
	CSDA,SAN DIEGO CHAPTER						
	CSDA TRAINING						
	COUNCIL OF WATER UTILITIES						
	DIRECTORS' MEETINGS		$ 150.00	$ 150.00	$ 150.00	$ 150.00	
	MILEAGE EXPENSE						
	REIMBURSEMENT FROM DIRECTORS						$ (367.52)
	Monthly Totals	$ -	$ 150.00	$ 150.00	$ 150.00	$ 150.00	$ -

Bank Reconciliation
February Check Register

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check No.	Vendor/Employee	Transaction Description	Date	Amount
Fund: 01 WATER FUND				
Department: 00				
0	CB&T / ACWA-JPIA	MONTHLY HEALTH AND VISION INSURANCE - MAR 2017	02/16/2017	75,637.60
0	INTERNAL REVENUE SERVICE	941 QUARTERLY FILING BALANCE DUE-4TH QRT	02/06/2017	70.34
0	PLIC-SBD GRAND ISLAND	MONTHLY INSURANCE - MARCH 2017	02/24/2017	10,959.72
0	RENE BUSH	REIMBURSE RETIRED EMPLOYEE HEALTH INS - JAN 2017	02/02/2017	726.00
0	SAN DIEGO COUNTY WATER AUTH	DECEMBER 2016 WATER PAYMENT	02/07/2017	1,033,811.33
0	SAN DIEGO COUNTY WATER AUTH.	PYMT TO SDCWA FOR CAPACITY FEES COLLECTED JUL-DEC 2016	02/15/2017	113,159.00
0	SHERRY MULLENNIX	REIMBURSE RETIRED EMPLOYEE HEALTH INSURANCE - FEB 2017	02/16/2017	300.00
0	CHARLES C. SNEED	REIMBURSE RETIRED EMPLOYEE HEALTH INS - FEB 2017	02/16/2017	363.00
0	GENE BUCKLEY	REIMBURSE RETIRED EMPLOYEE HEALTH INSURANCE - MAR 2017	02/24/2017	363.00
0	KEVIN MILLER	REIMBURSE RETIRED EMPLOYEE HEALTH INSURANCE - FEB 2017	02/24/2017	726.00
53039	EMPLOYMENT DEVELOPMENT DEPT.	31-MAR-2016 (PENALTY & INTEREST)	02/02/2017	1,792.89
53043	FERGUSON WATERWORKS #1083	2" M X M BRASS CORP STOP P/N - F1107	02/02/2017	2,722.09
53068	DUANE & GENELLE DUERKSEN	Refund Check	02/08/2017	31.38
53069	ENRIQUE GARCIA	Refund Check	02/08/2017	173.59
53070	GERVAIS LELUONG	Refund Check	02/08/2017	8.78
53071	LLC MK CIRCA	Refund Check	02/08/2017	680.77
53072	FRANCINE TUSHAK	Refund Check	02/08/2017	89.55
53076	FERGUSON WATERWORKS #1083	REG 3/4" T10 ECDR CF 5' ITRON	02/11/2017	76,075.99
53088	WHITE CAP CONSTRUCTION SUPPLY	PREMIXED CONCRETE 60lb BAGS	02/11/2017	264.90
53093	ANNE CASH	REIMB FOR THE BALANCE OF INSPECTION FEE DEPOSIT NEW SVC	02/16/2017	746.78
53101	FEDEX	DELIVERY SERVICE: RETURNED ITEM TO GRAINGER	02/16/2017	23.85
53102	FERGUSON WATERWORKS #1083	3/8X3/8X3/16 RESTRCT CH043302K P/N - C1352	02/16/2017	7,215.95
53103	GREGORY & KRISTINE GIBBS	REIMB FOR BALANCE OF INSPECTION FEE DEPOSIT ON NEW SVC & FIRE HY	02/16/2017	1,337.33
53104	KENNY & SHANNON GONZALES	Refund Check	02/16/2017	17.55
53107	HD SUPPLY WATERWORKS, LTD	4" 3000# THR STEEL PLUG P/N - D1060	02/16/2017	1,092.59
53109	TOM KENNEDY	EMPLOYEE COMPUTER ASSISTANCE PROGRAM	02/16/2017	1,804.52
53111	MOODY CREEK FARMS	REIMB FOR BALANCE OF INSPECTION FEE DEPOSIT ON NEW WATER SERVICE	02/16/2017	745.41
53115	NORMA SANABRIA	Refund Check	02/16/2017	41.39
53116	DAVID SEYMOUR	REIMBURSE RETIRED EMPLOYEE HEALTH INSURANCE - JAN 2017	02/16/2017	726.00
53137	TED & SUMMER DECOTEAU	Refund Check	02/24/2017	19.61
53140	FERGUSON WATERWORKS #1083	3/4" SHORTIES MTR W/ITRON P/N - M2300I	02/24/2017	1,554.07
53145	HD SUPPLY WATERWORKS, LTD	2" 150# RING GASKET P/N - G1001	02/24/2017	1,573.97
		Total for Department: 00		**1,334,854.95**
Department: 31 PUMPING				
53050	JOE'S HARDWARE	PIPE INSULATNS	02/02/2017	156.05
53114	SAN DIEGO GAS & ELECTRIC	MONTHLY GAS AND ELECTRIC SERVICE	02/16/2017	19,635.95
53134	CONTROLLED MOTION SOLUTIONS	PARKER FILTER ELEMENTS - ITEM - CCV55274-08	02/24/2017	365.55
		Total for Department: 31 PUMPING		**20,157.55**

Bank Reconciliation
February Check Register

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check No.	Vendor/Employee	Transaction Description	Date	Amount
Department: 32 OPERATIONS				
0	MISSION VALLEY SANITATION-SD	MONTHLY PORTA POTTY RENTAL FOR CAL FIRE WEED ABATEMENT	02/02/2017	141.07
53044	HACH	SYSTEM VERIFICATION CHEMKEY ITEM - 9436800	02/02/2017	669.83
53064	USA BLUEBOOK	DECHLORINATION TABLETS, 45LBS ITEM - 28530	02/02/2017	946.61
53078	CHRIS HEINCY	REIMBURSEMENT FOR T2 RENEWAL	02/11/2017	60.00
53087	UTILITY SERVICE CO.	QUARTERLY TANK SERVICE	02/11/2017	139,987.28
53095	STEPHEN COFFEY	SWRCB GRADE 4 WATER TREATMENT OPS CERT RENEWAL FEE	02/16/2017	105.00
53100	DEPT OF FORESTRY & FIRE PROTECTION	WEED AND BRUSH ABATEMENT DONE BY CAL FIRE CAMP DEC & JAN	02/16/2017	2,286.20
53114	SAN DIEGO GAS & ELECTRIC	MONTHLY GAS AND ELECTRIC SERVICE	02/16/2017	1,031.68
53130	AMERICAN FENCE CO, INC	EAM WORK ORDER #97239/ FENCE RENTAL	02/24/2017	500.00
53141	FREEDOM AUTOMATION, INC.	COMPLETED MAGEE PUMP	02/24/2017	3,000.00
53146	HOME DEPOT	BLKCBLTIE, 1-1/4 IN. X, 14UVBLKCB100	02/24/2017	68.76
53150	ONESOURCE DISTRIBUTORS, LLC	HOFF OT KO SEAL	02/24/2017	1,157.22
		Total for Department: 32 OPERATIONS		**149,953.65**
Department: 33 VALVE MAINTENANCE				
0	ART'S TRENCH PLATE, INC.	6X10 TRENCH PLATE RENTAL	02/24/2017	669.00
0	DRAVES PIPELINE, INC	EQUIPMENT & LABOR FOR JOB ON ALVARADO & LIVE OAK PARK	02/11/2017	6,360.38
0	TRAFFIC SAFETY SOLUTIONS, LLC	TRAFFIC CONTROL FLAGGING ON 01-23-17	02/11/2017	1,400.00
53054	MULTIQUIP INC	WHEEL KIT # UWKB FOR 2" & 3" TRASH PUMPS	02/02/2017	684.26
53057	SHAMROCK SUPPLY CO., INC	STANLEY PUMP SUBMERSIBLE HYDRAULIC 250 GPM	02/02/2017	1,559.23
		Total for Department: 33 VALVE MAINTENANCE		**10,672.87**
Department: 34 WATER DISTRIBUTION				
0	AIRGAS USA, LLC	MONTHLY RENTAL CYLINDER INVOICE (CARBON DIOXIDE & NITROGEN)	02/11/2017	135.13
0	AIRGAS USA, LLC	MONTHLY RENTAL CYLINDER (CARBON DIOXIDE & NITROGEN)	02/16/2017	1,267.45
0	ART'S TRENCH PLATE, INC.	TRENCH PLATE RENTAL, DELIVERY & PICK UP	02/11/2017	1,566.80
0	ART'S TRENCH PLATE, INC.	8X10 TRENCH PLATE RENTAL, DELIVERY & PICK UP	02/16/2017	398.00
0	ART'S TRENCH PLATE, INC.	6X10 & 8X15 TRENCH PLATE RENTAL, DELIVERY, PICKUP	02/24/2017	1,015.00
0	UNDERGROUND SERVICE ALERT	RAI88 NEW TICKET CHARGES	02/11/2017	112.50
53040	ESCONDIDO METAL SUPPLY, INC.	STEEL ANGLE, CHOPSAW	02/02/2017	21.09
53090	AMERICAN RIGGING	REPAIR AND RE-CERTIFICATION OF CHAIN-BASED RIGGING	02/16/2017	689.15
53094	CECILIA`S SAFETY SERVICE	TRAFFIC CONTROL 1/17/17	02/16/2017	1,800.00
53123	WHITE CAP CONSTRUCTION SUPPLY	14" X 26" 1600HR UV EMPTY SANDBAG	02/16/2017	269.38
53142	FREEWAY TRAILER SALES	JACK 2000 & FOOT	02/24/2017	53.77
53149	DARREN MILNER	SWRCB GRADE 5 WTR DISTRIBUTION OPERATOR CERT RENEWAL FEE REIMB	02/24/2017	105.00
53154	STEPHEN A. THOMAS	EMERGENCY BRUSH & TREE REMOVAL AT MUSSA CREEK, CAMINO DEL REY	02/24/2017	500.00
		Total for Department: 34 WATER DISTRIBUTION		**7,933.27**

Bank Reconciliation
February Check Register

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check No.	Vendor/Employee	Transaction Description	Date	Amount
Department: 35 METER SERVICES				
0	AIRGAS USA, LLC	ACETYLENE, DISSOLVED AND OXYGEN, COMPRESSED	02/02/2017	937.13
0	AIRGAS USA, LLC	HLDR CYL FOR 6-1/2" TO 7-1/4" RCH-106	02/16/2017	80.82
53086	TEMECULA VALLEY BACKFLOW, INC.	BACKFLOW TEST FOR RMWD	02/11/2017	33,317.00
53107	HD SUPPLY WATERWORKS, LTD	4" FNST X 4" MIPT HYDRANT ADP	02/16/2017	88.63
53108	JOE'S HARDWARE	STRAP 4' IPS GALV PIPE IBC	02/16/2017	7.59
53140	FERGUSON WATERWORKS #1083	13X20 12H POLY BOX W/QUICK READ CVR SOLID GREEN LID WITH 1.5" HO	02/24/2017	355.24
53144	HARBOR FREIGHT	CLEAR STACKING BIN	02/24/2017	21.50
53146	HOME DEPOT	5-2 TSTAT + DISCOUNT	02/24/2017	183.89
53152	TEMECULA VALLEY PIPE & SUPPLY	4" BRASS GATE VALVE LEADED FOR NON POTABLE USE ONLY	02/24/2017	146.94
		Total for Department: 35 METER SERVICES		**35,138.74**
		Total for Fund:01 WATER FUND		**1,558,711.03**
Fund: 02 SEWER FUND				
Department: 00				
0	CITY OF OCEANSIDE	RAINBOW WASTEWATER AGREEMENT, ANNUAL CIP COST SHARE FY15-16	02/22/2017	198,047.92
53068	DUANE & GENELLE DUERKSEN	Refund Check	02/08/2017	33.71
53137	TED & SUMMER DECOTEAU	Refund Check	02/24/2017	10.86
		Total for Department: 00		**198,092.49**
Department: 61 WASTEWATER				
0	ATLAS PUMPING SERVICE	MONTHLY BIN RENTAL	02/02/2017	210.00
0	BP BATTERY	GENIUS SMART CHARGER	02/16/2017	302.58
0	CITY OF OCEANSIDE	RAINBOW WASTEWATER AGREEMENT, RMWD DEC 2016 INV, FY16-17	02/22/2017	593,445.32
53033	ALERT LOCKSMITH	6 PADLOCK KEYS	02/02/2017	12.96
53037	CWEA	ANNUAL MEMBERSHIP RENEWAL VICTOR VEENSTRA - ID# 00026234I	02/02/2017	172.00
53054	MULTIQUIP INC	PUMP-SUB 2 1HP 115V 87GPM 1 ITEM - ST2047	02/02/2017	496.13
53059	TITUS INDUSTRIAL GROUP	26" BLACK COMPOSITE WTR RESISTANT MANHOLE COVER AND FRAME	02/02/2017	1,382.51
53065	WATER QUALITY SPECIALISTS	MONTHLY OPERATION - DEC 2016 (INV-4822)	02/02/2017	7,800.00
53079	HOME DEPOT	TILTING FLAT PANEL TV WALL MOUNT	02/11/2017	771.85
53084	RHO MONSERATE C.C.H.A.	ELECTRIC CHARGE	02/11/2017	425.83
53098	CWEA	ANNUAL MEMBERSHIP RENEWAL FOR RUBEN LOPEZ ID# 0000441001	02/16/2017	344.00
53114	SAN DIEGO GAS & ELECTRIC	MONTHLY GAS AND ELECTRIC SERVICE	02/16/2017	4,254.57
53127	YALE CHASE EQUIPMENT & SERV	3/4" X 24" FLEX HOSE	02/16/2017	174.18
53135	POLLUTION CONTROL DIST. CNTY OF SD, AIR	ANNUAL PERMITS - 979731 L/S 3	02/24/2017	1,588.00
53136	CWEA	ANNUAL MEMBERSHIP RENEWAL FOR S KIRKPATRICK ID#0003365361	02/24/2017	172.00
53138	ESCONDIDO METAL SUPPLY, INC.	CHOPSAW CUT CHARGE	02/24/2017	352.14
		Total for Department: 61 WASTEWATER		**611,904.07**

Bank Reconciliation
February Check Register

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check No.	Vendor/Employee	Transaction Description	Date	Amount
		Total for Fund:02 SEWER FUND		**809,996.56**
Fund: 03 GENERAL FUND				
Department: 00				
0	CB&T / ACWA-JPIA	MONTHLY HEALTH AND VISION INSURANCE - MAR 2017	02/16/2017	886.77
0	PLIC-SBD GRAND ISLAND	MONTHLY INSURANCE - MARCH 2017	02/24/2017	95.60
		Total for Department: 00		**982.37**
Department: 20 BOARD				
53045	HAYDEN HAMILTON	AB1234 & AB1661 TRAINING - EXPENSE REIMBURSEMENT	02/02/2017	51.30
53053	MICHAEL MACK	AB1234 & AB1661 TRAINING - EXPENSE REIMBURSEMENT	02/02/2017	59.08
53096	COUNCIL OF WATER UTILITIES	COWU MEETING ATTENDANCE: MICHAEL MACK	02/16/2017	25.00
53097	CSDA, SAN DIEGO CHAPTER	CSDA QRTLY DINNER MTNG 2/16/17: KENNEDY/WASHBURN/MACK/BRAZIER	02/16/2017	60.00
		Total for Department: 20 BOARD		**195.38**
Department: 36 GARAGE				
0	FLYERS ENERGY LLC	FUEL & OIL, ORDER #060818-17	02/02/2017	891.07
0	FLYERS ENERGY LLC	FUEL FOR RMWD FLEET	02/11/2017	914.42
0	FLYERS ENERGY LLC	FUEL & OIL, ORDER: 075270-17	02/16/2017	2,558.61
0	FLYERS ENERGY LLC	FUEL & OIL, ORDER #077635-17	02/24/2017	6,016.29
0	HAWTHORNE MACHINERY COMPANY	LATCH AS	02/24/2017	257.24
0	O'REILLY AUTO PARTS	SPARK PLUG	02/24/2017	574.20
0	PARKHOUSE TIRE, INC.	P245/60R18 TIRE	02/02/2017	2,349.60
0	QUALITY CHEVROLET	LICENSE EXEMPT, ELECTRONIC FILING CHARGE AND TIRE TAX	02/02/2017	51,745.93
0	THE TRUCK LIGHTHOUSE	LED LIGHTBAR AND LED WORKLAMP	02/24/2017	1,026.65
53041	FALLBROOK AUTO PARTS	GLADHAND-SEAL	02/02/2017	21.38
53046	HARBOR FREIGHT	RUBBER WHEEL CHOCK W/ EYEBOLT	02/02/2017	96.90
53049	JIM'S SIGN SHOP	RMWD LOGO, BLUE VINYL DECALS 12" X 24"	02/02/2017	603.72
53052	LOS ANGELES FREIGHTLINER	SHOP SUPPLIES - TIER 2/3	02/02/2017	1,754.70
53075	ESCONDIDO METAL SUPPLY, INC.	MISC MATERIALS	02/11/2017	81.64
53077	HEAVY VEHICLE ELECTRONIC LICENSE PLATE	MONTHLY SERVICE (JAN)	02/11/2017	17.65
53080	KONECRANES, INC.	WIRE ROPE/AUTO CRANE	02/11/2017	1,231.43
53082	NETWORK FLEET, INC.	MONTHLY AIRTIME CHARGES FOR GPS TRACKING - FEB 2017	02/11/2017	780.00
53106	HARBOR FREIGHT	25PC METRIC HEX KEY SET, TAPE MEASURE, BAR SET, STACKING BIN	02/16/2017	61.28
53125	WINZER	FIN HEX NUT, FLAT WASH, SAE FLAT WASHER HARD, 25PK NCGR8	02/16/2017	587.57
53133	COMMUNICATIONS SERVICES	MOBILE INSTALL, DASH	02/24/2017	125.00
53134	CONTROLLED MOTION SOLUTIONS	3/8" ID, 3000 PSI, 100R17 ASSEMBLY, 10MJ UNION S	02/24/2017	62.34
53135	POLLUTION CONTROL DIST. CNTY OF SD, AIR	ANNUAL PERMITS - 900285 FUEL TANKS	02/24/2017	617.00
53139	FALLBROOK AUTO PARTS	LAMP, LED 2 SYS B U LMP 12V	02/24/2017	155.12
53143	GIL FRANCO, TIRE HAULER	RECYCLING & DISPOSAL, 23 PASSENGER TIRES & 6 TRUCK TIRES	02/24/2017	187.00
53144	HARBOR FREIGHT	SOCKET RAIL, CLEAR STACKING BIN, MICRO FLUSH CUTTERS, TELESCOPIN	02/24/2017	81.13

Bank Reconciliation
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RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check No.	Vendor/Employee	Transaction Description	Date	Amount
53148	KONECRANES, INC.	COMPLETED QUARTERLY INSPECTION 3 AUTO CRANES, DECEMBER 2016	02/24/2017	900.00
53153	THE WELD SHOP, INC	SWING OUT VISE MOUNTS POWER COAT/INSTALLED	02/24/2017	3,450.00
		Total for Department: 36 GARAGE		**77,147.87**
Department: 41 ADMIN/HR				
0	ALL THINGS FALLBROOK	STYLE PC61P TEE SHIRT WITH POCKET, NAVY BLUE 8 LARGE AND 23 XL	02/02/2017	1,031.37
0	DATAPROSE INC.	NEWSLETTER	02/11/2017	1,053.52
0	HEALTH EQUITY	HSA MONTHLY ADMINISTRATION FEES_JANUARY 2017	02/13/2017	32.45
0	HEALTH EQUITY	HSA MONTHLY ADMINISTRATION FEES_FEBRUARY 2017	02/16/2017	32.45
0	REM MECHANICAL, INC	REPAIRS	02/02/2017	80.00
0	REM MECHANICAL, INC	REPAIRS	02/11/2017	280.00
0	REM MECHANICAL, INC	PREVENTATIVE MAINTENANCE - CONTRACT	02/16/2017	434.00
0	SOUTHWEST ANSWERING SERVICE, INC.	MONTHLY ANSWERING SERVICE	02/11/2017	957.64
0	STREAMLINE	MONTHLY WEB MANAGEMENT FEE	02/24/2017	300.00
0	WESTERN LANDSCAPE MAINTENANCE, INC.	LANDSCAPE MAINTENANCE SERVICE	02/02/2017	483.00
0	XEROX CORP.	MONTHLY LEASE	02/11/2017	1,384.61
53034	ALLIANCE FOR WATER EFFICIENCY, NFP	ANNUAL MEMBERSHIP DUES RENEWAL - WTR SUPPLIER MEMBERSHIP 2017	02/02/2017	500.00
53038	DAWN WASHBURN	REIM FOR FRAMING DIR. SANDFORD & WALKER COMMENDATION RESOLUT	02/02/2017	69.12
53042	FALLBROOK WASTE AND RECYCLING	MONTHLY REFUSE AND RECYCLE	02/02/2017	345.60
53056	SAN DIEGO GAS & ELECTRIC	MONTHLY ELECTRIC SERVICE ACCT#: 4065 592 756 6	02/02/2017	2,794.24
53060	UNION BANK (VISA)	GM VEHICLE FUEL	02/02/2017	214.72
53061	UNION BANK (VISA)	NNA SERVICES	02/02/2017	72.03
53062	UNION BANK (VISA)	U-HAUL RENTAL	02/02/2017	321.90
53063	UNION BANK (VISA)	MANAGERS MEETING AT PALA MESA	02/02/2017	263.63
53073	BONSALL UNIFIED SCHOOL DISTRICT	USE OF BONSALL COMMUNITY CENTER FOR EMPLOYEE MTNG ON 03-02-17	02/11/2017	200.00
53074	COVERALL NORTH AMERICA, INC.	MONTHLY SERVICE	02/11/2017	995.00
53081	MITEL LEASING	LEASE AGREEMENT	02/11/2017	574.36
53083	QUALITY FENCE COMPANY	REPAIR OF WALK THROUGH GATE ADJACENT TO EMPLOYEE YARD GATE	02/11/2017	85.00
53089	A&A CONTRACTING SERVICES, INC	AIR MOVERS	02/16/2017	3,038.78
53091	AMERIGAS - TEMECULA	PROPANE GAS: LWR YRD GENERATOR	02/16/2017	2,367.11
53092	BONSALL PEST CONTROL	MONTHLY PEST CONTROL	02/16/2017	90.00
53096	COUNCIL OF WATER UTILITIES	COWU MEETING ATTENDANCE: TOM KENNEDY	02/16/2017	25.00
53099	DELL BUSINESS CREDIT	DELL 24 MONITOR	02/16/2017	3,733.46
53110	MODULAR BUILDING CONCEPTS, INC	RENTAL AGREEMENT	02/16/2017	749.93
53112	NATIONAL SAFETY COMPLIANCE,INC	ANNUAL ADMINISTRATION FEE	02/16/2017	150.00
53117	ALISA SHORAGO	AB1825 SEXUAL HARASSMENT PREVENTION TRAINING DEPOSIT	02/16/2017	850.00
53118	SHRED-IT USA LLC	MONTHLY SERVICE AGREEMENT	02/16/2017	127.34
53120	TIME WARNER CABLE	MONTHLY INTERNET CONNECTION - FEB 2017	02/16/2017	1,250.00
53121	WATEREUSE	2017 WATEREUSE CALIFORNIA ANNUAL CONFERENCE: TOM KENNEDY	02/16/2017	984.11
53126	XEROX FINANICAL SERVICES	MONTHLY LEASE	02/16/2017	565.83
53128	CSDA, SAN DIEGO CHAPTER	CSDA QRTLY DINNER MTNG 2/16/17: KENNEDY/WASHBURN/MACK/BRAZIER	02/16/2017	60.00
53131	AT&T	MONTHLY PHONE SERVICE, ACCT# 338 451-0024 914 2	02/24/2017	165.81
53132	AT&T LONG DISTANCE	MONTHLY PHONE SERVICE BAN: 858141363	02/24/2017	16.07
53146	HOME DEPOT	RTD SHTG, CURB DELIVERY, 1/4 "60T	02/24/2017	198.74

Bank Reconciliation
February Check Register

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check No.	Vendor/Employee	Transaction Description	Date	Amount
53150	ONESOURCE DISTRIBUTORS, LLC	BASIC SRX PACKAGE	02/24/2017	172.40
		Total for Department: 41 ADMINISTRATION/HR		**27,049.22**
Department: 43 SAFETY				
0	AIRGAS USA, LLC	GLOVES, HAND SANITIZER, HARDHAT, JACKET, REPLACEMENT SUSPENSION	02/02/2017	629.01
0	AIRGAS USA, LLC	SUSP ASSY SWNG RTCHT SMTH DOME	02/16/2017	27.44
0	ALL THINGS FALLBROOK	RMWD LOGOED FLEXFIT B-CAPS SIZE L/XL	02/02/2017	671.82
0	CALIFORNIA COMMERCIAL SECURITY	QUARTERLY SERVICE MAINTENANCE AGREEMENT	02/11/2017	368.04
0	T.R.Y. ENTERPRISES, INC.	PATROL SERVICES 2/1/17 TO 2/28/17 DISTRICT YARD	02/16/2017	985.00
53036	BOOT BARN INC	BOOTS FOR: CHAND	02/02/2017	150.00
53048	JEFF STACY	SWRCB GRADE 2 WATER TREATMENT OPERATOR CERT RENEWAL FEE	02/02/2017	120.00
53113	OCCUPATIONAL HEALTH CENTERS OF CA	SERVICES PERFORMED AT CMC	02/16/2017	160.00
53119	CLEMMON TAYLOR	TO REIMBURSE FOR THE PURCHASE OF SAFETY WORK BOOTS	02/16/2017	140.03
53122	WAYNE NAULT	TO REIMBURSE FOR THE PURCHASE OF SAFETY WORK BOOTS	02/16/2017	143.98
53129	ALERT LOCKSMITH	AMERICAN 700 PADLOCKS	02/24/2017	438.87
		Total for Department: 43 SAFETY		**3,834.19**
Department: 51 FINANCE				
0	DATAPROSE INC.	POSTAGE	02/11/2017	1,855.46
53060	UNION BANK (VISA)	CSMFO - INTERMEDIATE GOVT ACCT (RRUBIO)	02/02/2017	365.76
		Total for Department: 51 FINANCE		**2,221.22**
Department: 52 CUSTOMER				
0	DATAPROSE INC.	NETBILLS	02/11/2017	1,209.49
0	MISSION RESOURCE CONSERVATION DIST.	HOME WATER USE EVALUATIONS - JAN 2017	02/02/2017	31.25
53085	RINCON DEL DIABLO MWD	NCWA CALENDARS & CONTEST FORMS	02/11/2017	866.16
		Total for Department: 52 CUSTOMER SERVICE		**2,106.90**
Department: 91 ENGINEERING				
0	NOBEL SYSTEMS	GEOVIEWER EASEMENT DATA CONVERSION	02/16/2017	4,780.00
53051	LORMAN EDUCATION SERVICES	PREVAILING WAGE LAW (DRUBIO)	02/02/2017	219.00
53055	MICHAEL POWERS	AWWA CA-V SECTION FALL CONFERENCE EXPENSE REIMBURSEMENT	02/02/2017	381.07
53066	WILLDAN FINANCIAL SERVICES	WATER & WASTEWATER ASSET COST AND CAPACITY FEE STUDY	02/02/2017	2,327.60
53101	FEDEX	DELIVERY SERVICE: NOSAMMAN, WATER CAP FEES	02/16/2017	49.60
53124	WILLDAN FINANCIAL SERVICES	WATER & WASTEWATER ASSET COST AND CAPACITY FEE STUDY	02/16/2017	4,528.00
53147	INFRASTRUCTURE ENGINEERING	FPUD INTERCONNECT HYDRAULIC MODELING SERVICES	02/24/2017	460.00
		Total for Department: 91 ENGINEERING		**12,745.27**
		Total for Fund:03 GENERAL FUND		**125,300.05**

Bank Reconciliation
February Check Register

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

Check No.	Vendor/Employee	Transaction Description	Date	Amount
Fund: 26 NEW WTR SOURCES				
Department: 00				
53101	FEDEX	DELIVERY SERVICE: NOSAMMAN, SLR FEASIBILI	02/16/2017	99.20
53151	RMC WATER AND ENVIRONMENT	INDIRECT POTABLE REUSE PRELIMINARY EVALUATION	02/24/2017	1,702.00
		Total for Department: 00		**1,801.20**
		Total for Fund: 26 NEW WATER SOURCES		**1,801.20**
Fund: 52 SEWER CAPITAL REPLACEMENT				
Department: 00				
0	KENNEDY/JENKS CONSULTANTS INC	LIFT STATION 1 REPLACEMENT	02/16/2017	67,821.63
		Total for Department: 00		**67,821.63**
		Total for Fund: 52 SEWER CAPITAL REPLACEMENT		**67,821.63**
Fund: 53 SEWER CAPITAL EXPANSION				
Department: 00				
0	TETRA TECH, INC.	AS-NEEDED CONSTRUCTION SUPPORT SERVICES	02/02/2017	5,862.00
		Total for Department: 00		**5,862.00**
		Total for Fund:53 SEWER CAPITAL EXPANSION		**5,862.00**
Fund: 60 WTR CAP EXPANSION/REPLACEMENT				
Department: 00				
0	PSOMAS	GIRD/MONSERATE HILL WATERLINE DESIGN	02/24/2017	3,237.50
53047	INFRASTRUCTURE ENGINEERING	PUMP STATION #1 NATURAL GAS MOTOR REPLACEMENTS	02/02/2017	3,973.00
		Total for Department: 00		**7,210.50**
		Total for Fund:60 WTR CAP EXPANSION/REPLACEMENT		**7,210.50**
		Grand Total		**2,576,702.97**

Comparative Water Sales YTD from Prior Years

FISCAL YEAR 2016-2017

Quantity of Meters	User Code	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Acre Feet
591	AD	36216	34134	39119	28217	22903	24494	7934	5036					455
403	AG	156957	152359	172040	132882	104544	96050	31370	16829					1,981
5	C	0	0	0	0	0	0	0	0					-
231	CM	47830	45043	43040	26707	20970	21140	5876	4333					493
30	CN	4900	4950	7309	11456	7426	561		63					84
24	IS	3806	3701	3980	3061	2446	1653	1408	594					47
88	MF	11307	11657	13746	10597	8876	11213	7139	7047					187
326	SC	183744	166212	206354	150910	121456	115009	18861	6544					2,225
1034	SD	279246	253718	298226	222243	181674	171322	39597	18148.3					3,361
5122	SF	187516	175736	202555	154361	120520	133125	57385	42596					2,465
7854	Total	911522	847510	986369	740434	590815	574567	169570	101190					11,299

FISCAL YEAR 2015-2016

Quantity of Meters	User Code	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Acre Feet
601	AD	29891	26212	33050	25166	24907	20638	12532	10056					419
404	AG	143174	124130	153414	124219	109795	85664	48608	35648					1,893
6	C	4342	3764	4773	2948	1761	665	428	0					43
221	CM	28620	33259	34668	28374	14569	11399	8431	8591					385
37	CN	6680	7040	5931	3994	5788	3061	1002	1129					79
24	IS	2773	2779	2486	3073	3299	2641	828	796					43
88	MF	11351	10279	10887	9952	9664	8600	8072	6667					173
326	SC	162756	144892	188145	132002	133998	109284	46707	38985					2,196
1038	SD	245736	213120	257965	197426	188412	162042	82599	57837					3,226
5092	SF	148573	143404	162621	135030	120706	96899	69380	52522					2,133
7837	Total	783896	708879	853940	662184	612899	500893	278587	212231					10,591

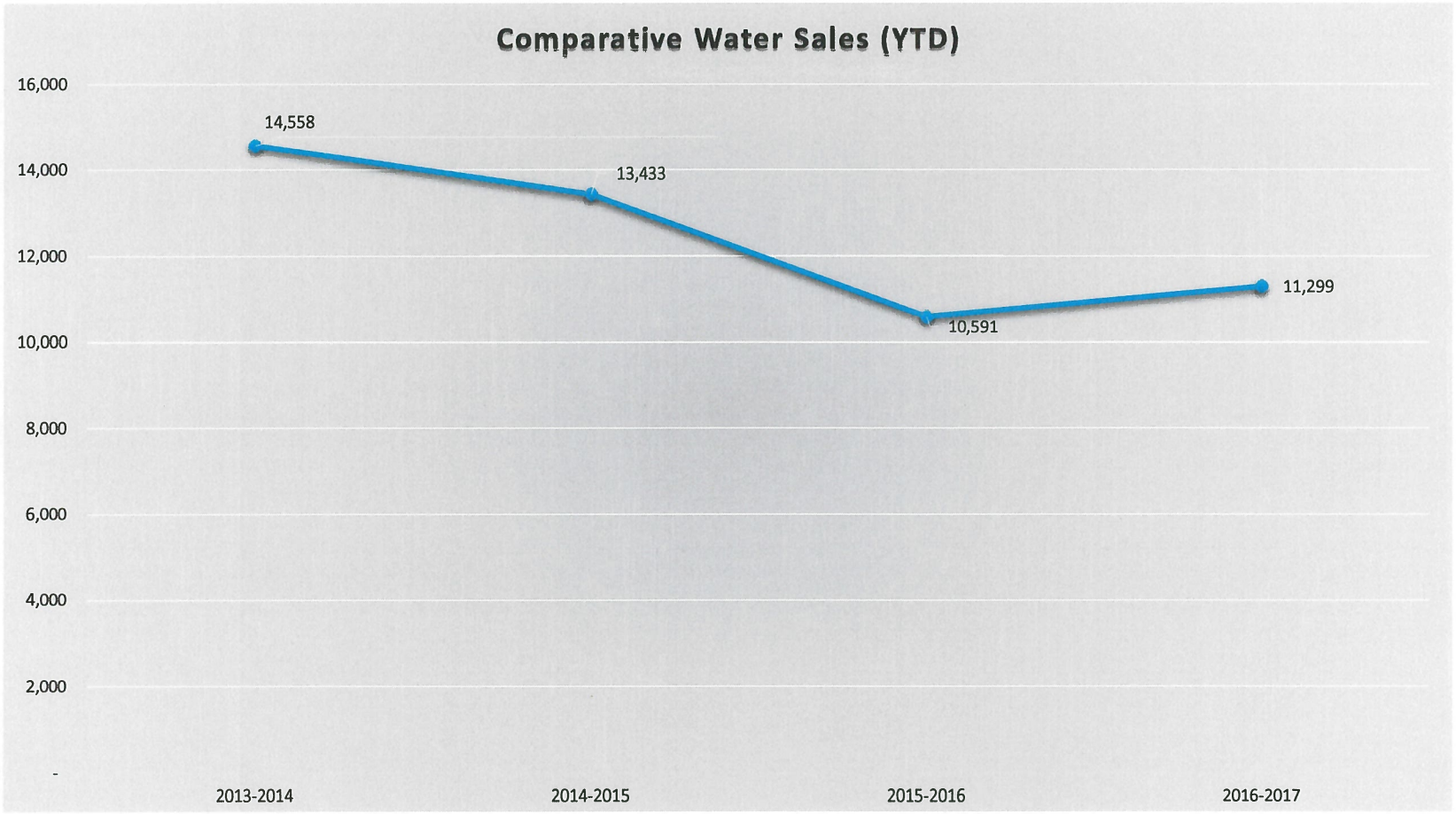
FISCAL YEAR 2014-2015

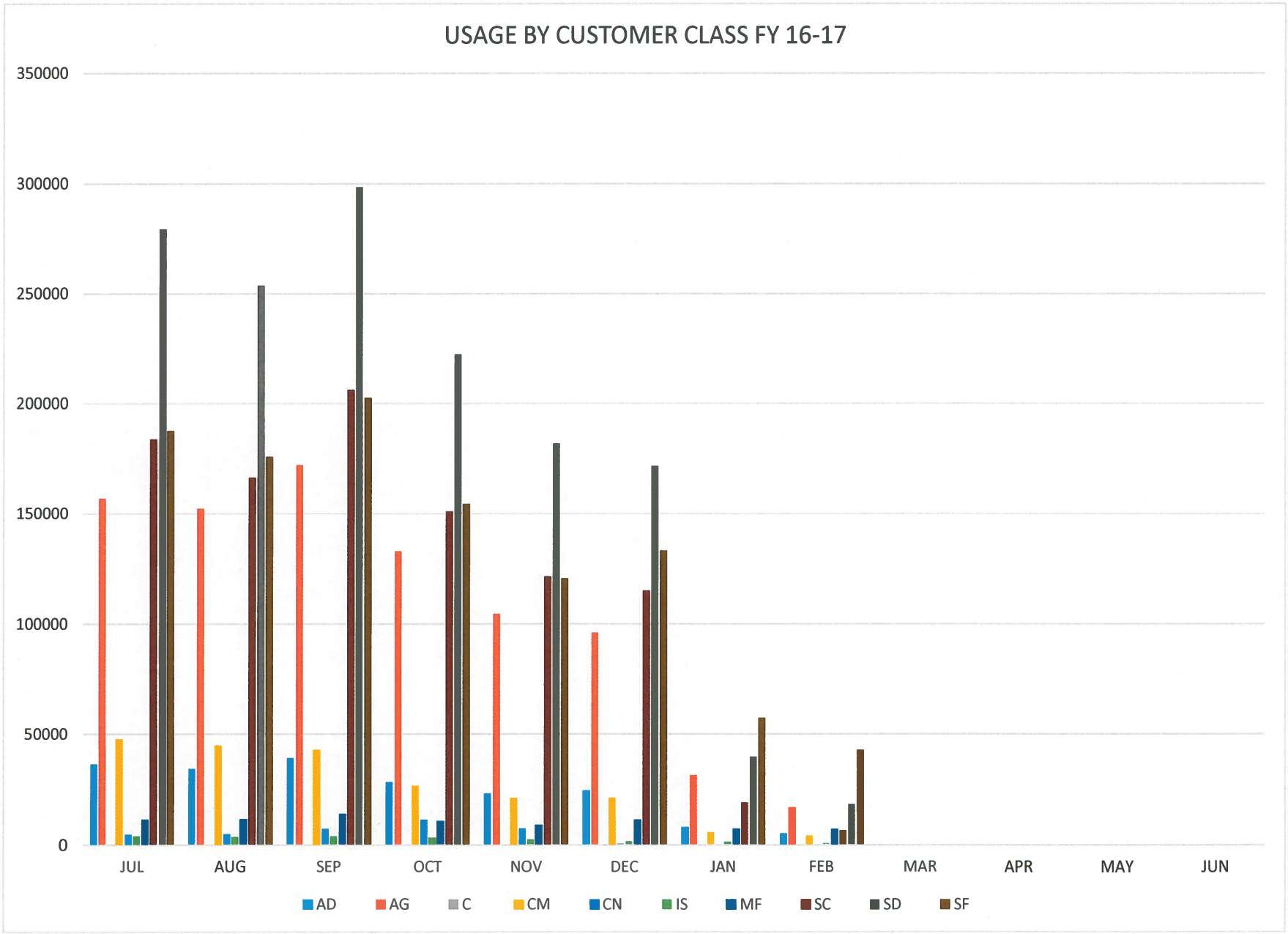
Quantity of Meters	User Code	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Acre Feet
426	A	118146	136346	116938	122567	99702	62354	19943	44790					1,655
341	C	102461	111946	90197	95608	76060	51612	29802	38013					1,368
36	CN	3175	3510	3579	2898	1119	372	1	0					34
5558	D	220019	244786	204723	208649	178916	121527	67259	80149					3,044
96	MF	15917	16081	14016	14241	13689	10249	8659	8017					232
323	SC	207708	245358	221301	241409	186106	108701	25015	79139					3,018
1040	SD	284083	332533	282418	297792	260513	165578	46135	109682					4,083
7820	Total	951509	1090560	933172	983164	816105	520393	196814	359790					13,433

FISCAL YEAR 2013-2014

Quantity of Meters	User Code	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Acre Feet
426	A	130393	132497	140319	122581	96941	51347	71276	81582					1,898
340	C	90317	89194	104313	86744	69704	35242	44886	34899					1,275
36	CN	2965	1618	1737	1857	2284	15	1519	1101					30
5558	D	225641	246575	245482	210918	178078	101726	123160	142121					3,383
96	MF	14703	17278	17433	14438	14631	9475	11113	9537					249
323	SC	197030	222678	232163	204607	160984	95935	144898	137843					3,205
1040	SD	293327	327443	324488	276743	237162	132450	171852	204192					4,517
7819	Total	954376	1037283	1065935	917888	759784	426190	568704	611275					14,558

Comparative Water Sales YTD from Prior Years




USAGE BY CUSTOMER CLASS FY 16-17
350000
300000
250000
200000
150000
100000
50000
0
JUL
AUG
SEP
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
AD
AG
C
CM
CN
IS
MF
SC
SD
SF

RAINBOW MUNICIPAL WATER DISTRICT
Committed to Excellence

SEWER EQUIVALENT DWELLING UNITS (EDUs) STATUS REPORT
MARCH 2017

STATUS SUMMARY	EDUs
Total Treatment Capacity Purchased from Oceanside	8,333.33
Less 5% Contractual Allowance	416.67
EDUs Set Aside by Board for Emergencies	60.00
EDUs Connected	3,933.34
EDUs Unconnected	1,277.96
Total EDUs Available for Purchase:	**2,645.37**

DEVELOPMENTS WITH UNCONNECTED EDUs	EDUs	CAPACITY FEES PAID	
Others (Misc. SFR)	21.40	$ 320,034	
Golf Green Estates (Dev. Solutions)	102.46	$ 1,777,700	
Horse Creek Ridge/ Passarelle	850.57	$ -	
Palomar College	100.00	$ -	
Polo Club (Vista Valley Dev.)	59.85	$ 1,022,775	
Pala Mesa Highlands (Beazer Homes)	124.00	$ 965,007	*
Lake Vista Estates (Arestad)	2.68	$ 45,890	
Vista Valley Country Club	5.00	$ 85,450	
Silver Holdings	9.00	$ 153,810	
VNUIT LLC (Kakileti)	3.00	$ 51,270	
TOTAL UNCONNECTED:	**1,277.96**	**$ 4,421,936**	

*Deferred Total Payment until Building Permits are Issued.