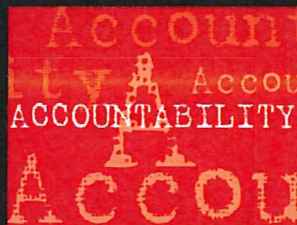


ROWLAND WATER DISTRICT

3021 South Fullerton Road
Rowland Heights, CA 91748
(562) 697-1726

RWD BOARD VISION



Our Mission:

"Bound by our core values -- Accountability, Communication and Teamwork -- we are committed to providing the highest level of service to our customers --
DEDICATED-RELIABLE-OUTSTANDING-PROFESSIONAL SERVICE"

Board of Directors Adjourned Meeting

May 16, 2017

6:00 p.m.



AGENDA

Adjourned Meeting of the Board of Directors

May 16, 2017

6:00 PM

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL OF DIRECTORS

Szu Pei Lu-Yang, President

Robert W. Lewis, Vice President

Anthony J. Lima

John Bellah

Teresa P. Rios

ADDITION(S) TO THE AGENDA

PUBLIC COMMENT ON NON-AGENDA ITEMS

Any member of the public wishing to address the Board of Directors regarding items not on the Agenda within the subject matter jurisdiction of the Board should do so at this time. With respect to items on the agenda, the Board will receive public comments at the time the item is opened for discussion, prior to any vote or other Board action. A three-minute time limit on remarks is requested.

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Rose Perea, Secretary to the Board at (562) 697-1726, or writing to Rowland Water District, at 3021 Fullerton Road, Rowland Heights, CA 91748. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included, so that District staff may discuss appropriate arrangements. Anyone requesting a disability-related accommodation should make the request with adequate time prior to the meeting in order for the District to provide the requested accommodation.

Any member of the public wishing to participate in the meeting, who requires a translator to understand or communicate in English, should arrange to bring a translator with them to the meeting.

Materials related to an item on this Agenda submitted after distribution of the Agenda packet are available for public review at the District office, located at 3021 Fullerton Road, Rowland Heights, CA 91748.

Tab 1 CONSENT CALENDAR

All items under the Consent Calendar are considered to be routine matters, status reports, or documents covering previous Board instruction. The items listed on the Consent Calendar will be enacted by one motion, unless separate discussion is requested.

- 1.1 Approval of the Minutes of Regular Board Meeting held on April 3, 2017**
Recommendation: The Board of Directors approve the Minutes as presented.
- 1.2 Approval of the Minutes of Special Board Meeting held on April 25, 2017**
Recommendation: The Board of Directors approve the Minutes as presented.
- 1.3 Demands on General Fund Account for March 2017**
Recommendation: The Board of Directors approve the demands on the general fund account as presented.
- 1.4 Investment Report for March 2017**
Recommendation: The Board of Directors approve the Investment Report as presented.
- 1.5 Water Purchases for March 2017**
For information purposes only.

Next Special Board Meeting: **May 23, 2017, 5:00 p.m.**

Tab 2 ACTION ITEMS

This portion of the Agenda is for items where staff presentations and Board discussions are needed prior to formal Board action.

- 2.1 Review and Approve Directors' Meeting Reimbursements for April 2017**
Recommendation: The Board of Directors approve the Meeting Reimbursements as presented.
- 2.2 Public Hearing to Review Increase to Miscellaneous Fees and Penalties**
No recommendation
Intentionally Left Blank
- 2.3 Receive and file Capacity Fee Study and Construction Rate Analysis Prepared by District Consultants, NBS**
Recommendation: The Board of Directors receive and file the Capacity Fee Study and Construction Rate Analysis as presented.
- 2.4 Review and Approve Resolution 5-2017 of the Board of Directors Adopting Miscellaneous Fees and Penalties**
Recommendation: The Board of Directors approve Resolution 5-2017 as presented

- 2.5 Review and Approve Resolution 5.1-2017 of the Board of Directors Adopting Rates for a Potable Water Capacity Fee and Taking Certain Other Actions Relating Thereto**
Recommendation: The Board of Directors approve Resolution 5.1-2017 as presented
- 2.6 Review and Approve Resolution 5.2-2017 of the Board of Directors Commending Rick Hansen for Forty Years of Service**
Recommendation: The Board of Directors approve Resolution 5.2-2017 as presented
- 2.7 Receive and File Rowland Water District's Quarterly Investment Review As of March 31, 2017**
Recommendation: The Board of Directors receive and file the District's Quarterly Investment Review as presented
- 2.8 Receive and File Rowland Water District's Statement of Operations for Period Covering July 1, 2016 through March 31, 2017**
Recommendation: The Board of Directors receive and file the District's Statement of Operations as presented
- 2.9 Receive and File Puente Basin Water Agency (PBWA) Budget for FY 2017-2018**
Recommendation: The Board of Directors receive and file the PBWA's Budget for FY 2017-18 as presented
- 2.10 Public Relations (Rose Perea)**
- **Communications Outreach (CV Strategies)**
 - **Education Update**
- For information purposes only.*
- 2.11 Discussion of Upcoming Conferences, Workshops, or Events (Including Items that May Have Arisen after the Posting of the Agenda)**
- Three Valleys MWD Leadership Breakfast, June 8, 2017, 7:30-9:00 a.m. Sheraton Fairplex Suites, Pomona, CA

Tab 3 LEGISLATIVE INFORMATION

- 3.1** *Intentionally left blank.*

Tab 4 REVIEW OF CORRESPONDENCE

- 4.1 Correspondence from the Los Angeles County Board of Supervisors**
For information purposes only.

Tab 5 COMMITTEE REPORTS

- 5.1 Three Valleys Municipal Water District (Directors Lu-Yang/Lima)**
- Agenda Regular Board Meeting held April 19, 2017
 - Action Line Regular Board Meeting held April 19, 2017

There are no tabs for the remainder of the meeting.

- 5.2 **Joint Powers Insurance Authority** (Director Lewis/Mr. Coleman)
- 5.3 **Association of California Water Agencies** (Directors Lewis/Bellah)
- 5.4 **Puente Basin Water Agency** (Directors Lima/Lewis)
- 5.5 **Project Ad-Hoc Committee** (Directors Lima/Lu-Yang)
- 5.6 **Regional Chamber of Commerce-Government Affairs Committee**
(Directors Lewis/Bellah)
- 5.7 **PWR Joint Water Line Commission** (Directors Lima/Rios)
- 5.8 **Sheriff's Community Advisory Council** (Directors Lu-Yang/Rios)
- 5.9 **Rowland Heights Community Coordinating Council**
(Directors Lu-Yang/Bellah)

Tab 6 OTHER REPORTS, INFORMATION ITEMS AND COMMENTS

- 6.1 **Finance Report** (Mr. Henry)
- 6.2 **Operations Report** (Mr. Warren)
- 6.3 **Personnel Report** (Mr. Coleman)

Tab 7 ATTORNEY'S REPORT (Mr. Joseph Byrne)

Directors' and General Manager's Comments

Future Agenda Items

Late Business

No action shall be taken on any items not appearing on the posted agenda, except upon a determination by a majority of the Board that an emergency situation exists, or that the need to take action arose after the posting of the agenda.

ADJOURNMENT

President SZU PEI LU-YANG, Presiding

Tab

1.1



Minutes of the Regular Meeting
of the Board of Directors of the Rowland Water District
April 3, 2017 - 6:00 p.m.
Location: District Office

PLEDGE OF ALLEGIANCE

ROLL CALL OF DIRECTORS

President Szu Pei Lu-Yang
Vice President Robert W. Lewis
Director Anthony J. Lima
Director John Bellah
Director Teresa P. Rios

ABSENT:

None.

OTHERS PRESENT:

Joseph P. Byrne, Legal Counsel, Best Best & Krieger
Cara VanDijk, CV Strategies
Joe Ruzicka, Three Valleys Municipal Water District
Dan Horan, Three Valleys Municipal Water District
Kirk Howie, Three Valleys Municipal Water District
David and Teri Malkin, Residents

ROWLAND WATER DISTRICT STAFF

Tom Coleman, General Manager
Rose Perea, Director of Administrative Services
Dave Warren, Director of Operations

ADDITION(S) TO THE AGENDA

Upon motion by Director Lewis, seconded by Director Lima, and unanimously carried, the Board made a finding that the need to surplus a District vehicle had arisen after the posting of the Agenda. The Board unanimously approved the addition of the item at Tab 2.5.

Ayes: Directors Lu-Yang, Bellah, Lima, Lewis and Rios
Noes: None
Abstain: None
Absent: None

PUBLIC COMMENT ON NON-AGENDA ITEMS

Mr. Malkin thanked the District for its participation in Career Day at Santana High School. He also requested that the Board consider sponsoring the Kiwanis Annual Scholarship Dinner to be held on May 6, 2017.

Tab 1 - CONSENT CALENDAR

Upon motion by Director Lima, seconded by Director Rios, the Consent Calendar was unanimously approved.

Ayes: Directors Lu-Yang, Bellah, Lima, Lewis and Rios
Noes: None
Abstain: None
Absent: None

The approval of the Consent Calendar included:

1.1

Approval of the Minutes of Regular Board Meeting Held on March 14, 2017

1.2

Approval of the Minutes of Special Board Meeting Held on March 28, 2017

1.3

Demands on General Fund Account for February 2017

1.4

Investment Report for February 2017

1.5

Water Purchases for February 2017

Next Special Board Meeting April 25, 2017, 5:00 p.m.
Next Regular Board Meeting May 9, 2017, 6:00 p.m.

Tab 2 - ACTION ITEMS

2.1

Review and Approve Directors’ Meeting Reimbursements for March 2017

Upon motion by Director Lima, seconded by Director Rios, the Directors’ Meeting Reimbursement Report was unanimously approved.

Ayes: Directors Lu-Yang, Bellah, Lima, Lewis and Rios
Noes: None
Abstain: None
Absent: None

2.2

Presentation and Discussion by Legal Counsel, Joseph Byrne, “Public Records Act Update”

Legal counsel, Joseph Byrne, presented a Power Point presentation entitled “City of San Jose Public Records Act Decision – The Public Records Act and ‘Private’ Electronic Communications” and answered questions posed by members of the Board. He also distributed “Electronic Communications Guidelines Post San Jose” which provides administrative guidelines and best practices guidelines with respect to electronic communications by District employees and Directors that pertain to the District’s business.

2.3

Public Relations (Rose Perea)

The contract with the National Theatre for Children has been renewed for the 2017-2018 school year providing for performances at 9 schools within the District: Yorbita, Wedgeworth, Rowland, Rorimer, Northam, Jellick, Blandford, Bixby and possibly adding Telesis Math and Science Academy. The District partnered with Walnut Valley Water District in their participation in Career Day at Santana High School on March 30, 2017 and will provide outreach and conservation material for the Regional Mayor's Summit to be held on April 5, 2017, 7:30 am to 5:30 pm at the Pacific Palms Hotel in the City of Industry. The video submitted to the Broadcast Media and Digital Art Contest by Alvarado Intermediate School won first place. The school was awarded \$400.00.

Communications Outreach (CV Strategies)

Cara VanDijk, CV Strategies, reported that the Opinion piece on the water shortage was submitted to the San Gabriel Valley Tribune for publication. CV Strategies is in the process of drafting the Annual Consumer Confidence Report which will be finalized and printed in May. The "draft" video on the history of the District is complete and the final version is expected mid-late April. The video on water jobs which includes a major piece on Rowland Water District has been submitted to CAPIO and is up for an award.

Education Update

No comments.

2.4

Discussion of Upcoming Conferences, Workshops, or Events (Including Items that May Have Arisen after the Posting of the Agenda)

None.

2.5

Approve the Surplus of 2004 Ford F-150 Truck, VIN 2FTRF17244CA13321, License No. 1175273

Mr. Coleman advised the Board that the truck was is in need of major repair and he requested that the Board approve the surplus of the 2004 Ford F-150 truck.

After Discussion, and upon motion by Director Lima, seconded by Director Lewis, the Board unanimously approved the surplus of the 2004 Ford F-150 truck.

Ayes: Directors Lu-Yang, Bellah, Lima, Lewis and Rios
Noes: None
Abstain: None
Absent: None

Tab 3 LEGISLATIVE INFORMATION

3.1

Updates on Legislative Issues

None.

Tab 4 REVIEW OF CORRESPONDENCE

4.1 None.

Tab 5 COMMITTEE REPORTS

5.1

Three Valleys Municipal Water District

President Lu-Yang reported on her attendance at the March 15, 2017 Board meeting and advised that the water quality at the Miramar Treatment Plant was discussed. Director Lima reported that the Main San Gabriel Basin groundwater levels have risen 11 feet this winter. He also stated that one foot of elevation in the Basin is equal to 8,000 acre feet and therefore the basin has added/captured a total of 88,000 acre feet of water to the aquifer.

5.2

Joint Powers Insurance Authority

Nothing to report.

5.3

Association of California Water Agencies

Nothing to report.

5.4

Puente Basin Water Agency

Director Lima reported that the next meeting is scheduled for April 6, 2017 at Walnut Valley Water District.

5.5

Project Ad-Hoc Committee

Nothing to report.

5.6

Regional Chamber of Commerce

Directors Lewis reported that the next meeting of the Chamber Government Affairs Committee is scheduled for April 10, 2017.

5.7

PWR Joint Water Line Commission

Nothing to report.

5.8

Sheriff's Community Advisory Council

Nothing to report.

5.9

Rowland Heights Community Coordinating Council

Director Bellah reported that the next meeting is scheduled for April 10, 2017.

Tab 6 OTHER REPORTS, INFORMATION ITEMS AND COMMENTS

6.1

Finance Report

Nothing to report.

6.2

Operations Report

Nothing to report.

6.3

Personnel Report

Nothing to report.

Tab 7 ATTORNEY'S REPORT

Nothing further to report.

Directors' and General Manager's Comments

None.

Future Agenda Items

None.

Late Business

None.

A motion was made by Director Lima, seconded by Director Rios, and unanimously carried to adjourn the meeting. The meeting was adjourned at 7:21 p.m.

SZU PEI LU-YANG
Board President

Attest: _____
TOM COLEMAN
Board Secretary

Tab

1.2



Minutes of the Special Meeting of
the Board of Directors of the Rowland Water District

April 25, 2017 – 5:00 p.m.
Location: District Office

PLEDGE OF ALLEGIANCE

ROLL CALL OF DIRECTORS

President Szu Pei Lu-Yang
Vice President Robert W. Lewis
Director Anthony J. Lima
Director Teresa P. Rios

ABSENT:

Director John Bellah
(Director Bellah arrived after the roll call at 5:10 p.m.)

OTHERS PRESENT:

Mike Parra, Highroad IT

ROWLAND WATER DISTRICT STAFF:

Tom Coleman, General Manager
Rose Perea, Director of Administrative Services
Dave Warren, Director of Operations
Sean Henry, Finance Officer

ADDITION(S) TO THE AGENDA

None.

PUBLIC COMMENT ON NON-AGENDA ITEMS

COMMENTS:

None.

Tab 1 ACTION ITEMS

1.1

Approve Change of Meeting Date from May 9, 2017 to May 16, 2017

After Discussion by the Board a motion was made by Director Lewis, seconded by Director Lima, and approved by a 4-0 vote, Director Bellah not being present for the vote, to change the Regular Board Meeting date to May 16, 2017.

Ayes: Directors Lu-Yang, Lima, Lewis and Rios
Noes: None
Abstain: None
Absent: Director Bellah

1.2

Consider Sponsorship of the Kiwanis Annual Scholarship dinner on May 6, 2017 in the amount of \$500.00

After Discussion by the Board, a motion was made by Director Lima, seconded by Director Lewis, and approved by a 4-0 vote, Director Bellah not being present for the vote, to sponsor the Kiwanis Club Annual Scholarship Dinner in the amount of \$500.00.

Ayes: Directors Lu-Yang, Lima, Lewis and Rios
Noes: None
Abstain: None
Absent: Director Bellah

1.3

Review and Approve Resolution No. 4-2017 In Support of the ACWA Policy Statement on Bay-Delta Flow Requirements

After discussion by the Board, it was staff's recommendation that the Board approve Resolution No. 4-2017. A motion was made by Director Lewis, seconded by Director Rios, to approve Resolution No. 4-2017 as presented. The motion was approved by the following roll-call vote:

Ayes: Directors Lima, Lu-Yang, Lewis, and Rios
Noes: None
Abstain: None
Absent: Director Bellah

Motion was passed by a vote of 4-0.

Director Bellah arrived at 5:10 p.m.

1.4

Board Workshop – Blue Beam Review Facilitated by Highroad IT

Highroad IT conducted a workshop for the benefit of the members of the Board of Directors and staff on the use of the Blue Beam program on the District-issued iPads.

Directors' and General Manager's Comments

None.

Future Agenda Items

None.

Late Business

None

Next Regular Board Meeting

May 16, 2017, 6:00 p.m.

A motion was made by Director Lima, seconded by Director Rios, and unanimously carried to adjourn the meeting. The meeting was adjourned at 6:08 p.m.

SZU PEI LU-YANG
Board President

Attest: _____
TOM COLEMAN
Board Secretary

Tab

1.3

Report Criteria:

Report type: GL detail

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
22577						
03/17	03/01/2017	22577	4600	AIRGAS USA LLC	OXY/ACETYLENE FOR TANK	578.02
Total 22577:						578.02
22578						
03/17	03/01/2017	22578	62622	AKM CONSULTING ENGINEERS	NATIVE/DUSK WATERLINE REPLACEMENT	12,351.30
03/17	03/01/2017	22578	62622	AKM CONSULTING ENGINEERS	RCS BUILDING DESIGN	4,280.00
Total 22578:						16,631.30
22579						
03/17	03/01/2017	22579	62071	CALIFORNIA LIVING INC	INTERIOR PLANT MAINTENANCE	430.00
Total 22579:						430.00
22580						
03/17	03/01/2017	22580	1079	CA-NV SECTION AWWA	CROSS CONNECTION SPECIALIST RENEWAL-ROB	80.00
Total 22580:						80.00
22581						
03/17	03/01/2017	22581	1900	CLINICAL LAB OF S B	WATER SAMPLES	2,508.75
Total 22581:						2,508.75
22582						
03/17	03/01/2017	22582	1270	CORELOGIC SOLUTIONS LLC	PROPERTY DATA INFO	101.00
Total 22582:						101.00
22583						
03/17	03/01/2017	22583	62439	CVSTRATEGIES	COMMUNICATION SERVICES	11,849.05
Total 22583:						11,849.05
22584						
03/17	03/01/2017	22584	16	DAVE WARREN	TOTAL EXPENSES-GAS	142.36
Total 22584:						142.36
22585						
03/17	03/01/2017	22585	5600	G M SAGER CONSTRUCTION	ASPHALT	951.90
03/17	03/01/2017	22585	5600	G M SAGER CONSTRUCTION	ASPHALT	858.60
Total 22585:						1,810.50
22586						
03/17	03/01/2017	22586	27211	HILL BROS CHEMICAL CO	CHEMICAL FOR RES	1,217.00
Total 22586:						1,217.00
22587						
03/17	03/01/2017	22587	2975	INDUSTRY LIFT INC	MAINTANENCE ON FORKLIFT	177.93

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
Total 22587:						177.93
22588						
03/17	03/01/2017	22588	244	INFOSEND INC	BILLING SERVICE	2,385.45
03/17	03/01/2017	22588	244	INFOSEND INC	BILLING SERVICE	1,725.01
Total 22588:						4,110.46
22589						
03/17	03/01/2017	22589	62226	INLAND DESERT SECURITY &	ANSWERING SERVICE	416.70
Total 22589:						416.70
22590						
03/17	03/01/2017	22590	62664	M & J TREE SERVICE	TREE SERVICECOMPLETE CLEAN UP AN HAUL A	800.00
03/17	03/01/2017	22590	62664	M & J TREE SERVICE	TREE SERVICECOMPLETE CLEAN UP AN HAUL A	1,150.00
Total 22590:						1,950.00
22591						
03/17	03/01/2017	22591	3625	MAINTENANCE SHACK INC	SUPPLIES FOR VAULT REHAB	86.78
Total 22591:						86.78
22592						
03/17	03/01/2017	22592	62448	PARS	GASBY 45 MANAGEMENT FEE	542.35
Total 22592:						542.35
22593						
03/17	03/01/2017	22593	62630	PEP BOYS	AUTO SUPPLIES	18.56
Total 22593:						18.56
22594						
03/17	03/01/2017	22594	4500	PETTY CASH	MISC EXPENSES	149.76
Total 22594:						149.76
22595						
03/17	03/01/2017	22595	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR WHITTIER BOOSTER STATION	128.33
03/17	03/01/2017	22595	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR CENTRAL BASIN WATERMAST	164.25
03/17	03/01/2017	22595	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR PROFESSIONAL SERVICES	350.00
03/17	03/01/2017	22595	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR CONSULTING FEES FOR SIX B	4,518.80
03/17	03/01/2017	22595	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR PROFESSIONAL FEES	1,660.80
03/17	03/01/2017	22595	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR ATTORNEY FEES	195.00
Total 22595:						7,017.18
22596						
03/17	03/01/2017	22596	5100	PUENTE READY MIX INC	CONCRETE SAND & CRUSH BASE	1,522.58
Total 22596:						1,522.58
22597						
03/17	03/01/2017	22597	62611	RITA GIACALONE Ph.D.	CONSULTING SERVICES	6,113.50

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
Total 22597:						6,113.50
22598						
03/17	03/01/2017	22598	36	ROSEMARIE PEREA	TOTAL EXPENSES-URBAN WATER CONFERENCE	71.14
Total 22598:						71.14
22599						
03/17	03/01/2017	22599	62502	S & J SUPPLY COMPANY, INC	SUPPLIES FOR VALVE REPLACEMENTS	8,399.69
Total 22599:						8,399.69
22600						
03/17	03/01/2017	22600	62249	SECURE SITE SOLUTIONS INC	SERVICE CALL-HVAC CONTRACTOR	380.00
Total 22600:						380.00
22601						
03/17	03/01/2017	22601	3550	SOUTHERN COUNTIES FUELS	GASOLINE & DIESEL	5,401.09
Total 22601:						5,401.09
22602						
03/17	03/01/2017	22602	143	ST JOSEPH HERITAGE HEALTHCARE	DMV EXAM-C REYNOSO	80.00
Total 22602:						80.00
22603						
03/17	03/01/2017	22603	62641	STANTEC CONSULTING SERVICES IN	SCADA VIRTUALIZATION - INSTALL & UPGRADE S	43,500.00
Total 22603:						43,500.00
22604						
03/17	03/01/2017	22604	6075	STAPLES CREDIT PLAN	OFFICE SUPPLIES	48.92
Total 22604:						48.92
22605						
03/17	03/01/2017	22605	6500	THERMALAIR INC	MAINTENANCE CONFERENCE ROOM	773.63
Total 22605:						773.63
22606						
03/17	03/01/2017	22606	62521	TRIPEPI SMITH & ASSOCIATES	MONTHLY WEBSITE MAINTENANCE	300.00
Total 22606:						300.00
22619						
03/17	03/08/2017	22619	1000	ACWA JPIA	EMPLOYEE HEALTH BENEFITS	36,739.58
03/17	03/08/2017	22619	1000	ACWA JPIA	EMPLOYEE VISION BENEFITS	487.14
03/17	03/08/2017	22619	1000	ACWA JPIA	EMPLOYEE ASSISTANCE PROGRAM	54.05
03/17	03/08/2017	22619	1000	ACWA JPIA	EMPLOYEE DENTAL BENEFITS	2,858.09
03/17	03/08/2017	22619	1000	ACWA JPIA	RETIRES HEALTH BENEFITS	12,567.76
03/17	03/08/2017	22619	1000	ACWA JPIA	DIRECTORS HEALTH BENEFITS	9,665.45

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
Total 22619:						62,372.07
22620						
03/17	03/08/2017	22620	3850	ATHENS SERVICES (MODERN SVC)	TRASH SERVICE	257.90
Total 22620:						257.90
22621						
03/17	03/08/2017	22621	6966	CINTAS CORPORATION LOC 693	UNIFORM RENTAL	2,374.70
Total 22621:						2,374.70
22622						
03/17	03/08/2017	22622	62674	CITY OF CHINO HILLS	EMPLOYEE REC. DINNER-MCCOY -BALANCE DUE	1,755.00
Total 22622:						1,755.00
22623						
03/17	03/08/2017	22623	1270	CORELOGIC SOLUTIONS LLC	PROPERTY DATA INFO	105.00
Total 22623:						105.00
22624						
03/17	03/08/2017	22624	62263	COUNTY OF LOS ANGELES	SERVICE CUTS	1,002.00
Total 22624:						1,002.00
22625						
03/17	03/08/2017	22625	32	DAVE MILLER	MILEAGE REIMBURSEMENT	60.99
Total 22625:						60.99
22626						
03/17	03/08/2017	22626	33	DUSTIN T MOISIO	MILEAGE REIMBURSEMENT	42.80
03/17	03/08/2017	22626	33	DUSTIN T MOISIO	TOTAL EXPENSES-BOOTS	88.27
Total 22626:						131.07
22627						
03/17	03/08/2017	22627	2600	HACH COMPANY	WATER QUALITY TESTING SUPPLIES	2,134.16
Total 22627:						2,134.16
22628						
03/17	03/08/2017	22628	62671	HALCYON ELECTRIC INC	PROGRESS BILLING-TOMICH BOOSTER STATION	61,876.79
Total 22628:						61,876.79
22629						
03/17	03/08/2017	22629	348	HDR ENGINEERING INC	AS BUILT DRAWINGS FOR THE PAHASE 2 NEAR-T	1,250.00
Total 22629:						1,250.00
22630						
03/17	03/08/2017	22630	2724	HOME DEPOT CREDIT SERVICES	MATERIAL & SUPPLIES	561.92
03/17	03/08/2017	22630	2724	HOME DEPOT CREDIT SERVICES	MATERIAL & SUPPLIES	195.62

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
03/17	03/08/2017	22630	2724	HOME DEPOT CREDIT SERVICES	MATERIAL & SUPPLIES	436.77
03/17	03/08/2017	22630	2724	HOME DEPOT CREDIT SERVICES	MATERIAL & SUPPLIES	71.82
03/17	03/08/2017	22630	2724	HOME DEPOT CREDIT SERVICES	MATERIAL & SUPPLIES	266.59
03/17	03/08/2017	22630	2724	HOME DEPOT CREDIT SERVICES	MATERIAL & SUPPLIES	106.84
03/17	03/08/2017	22630	2724	HOME DEPOT CREDIT SERVICES	MATERIAL & SUPPLIES	145.41
Total 22630:						1,784.97
22631						
03/17	03/08/2017	22631	244	INFOSEND INC	BILLING SERVICE	1,577.34
03/17	03/08/2017	22631	244	INFOSEND INC	BILLING SERVICE	15.86
Total 22631:						1,593.20
22632						
03/17	03/08/2017	22632	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	168.27
03/17	03/08/2017	22632	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	198.80
Total 22632:						367.07
22633						
03/17	03/08/2017	22633	27	JOHN JACOBSEN	FSA REFUND-PAYROLL 2/15/17	50.00
03/17	03/08/2017	22633	27	JOHN JACOBSEN	FSA REFUND-PAYROLL 2/28/17	50.00
Total 22633:						100.00
22634						
03/17	03/08/2017	22634	62501	LEVEL 3 COMMUNICATIONS LLC	INTERNET & DATA	1,508.73
Total 22634:						1,508.73
22635						
03/17	03/08/2017	22635	28	MARCOS ASPEITIA IV	MILEAGE REIMBURSEMENT	34.24
Total 22635:						34.24
22636						
03/17	03/08/2017	22636	62078	MCKINNEY CONSTRUCTION CO INC	LOAD & HAUL DIRT SPOILS	1,027.35
Total 22636:						1,027.35
22637						
03/17	03/08/2017	22637	62596	NATIONAL METER & AUTOMATION, IN	REPAIR OF TRIMBLE HANDHELD	241.59
Total 22637:						241.59
22638						
03/17	03/08/2017	22638	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR WHITTIER BOOSTER STATION	569.01
Total 22638:						569.01
22639						
03/17	03/08/2017	22639	62249	SECURE SITE SOLUTIONS INC	SECURITY HARDWARE (3 ANALOG CAMERAS & MI	913.50
Total 22639:						913.50

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount	
22640	03/17	03/08/2017	22640	5900	SOCALGAS	GAS UTILITY BILL	306.96
Total 22640:						306.96	
22641	03/17	03/08/2017	22641	62481	STAPLES ADVANTAGE	OFFICE SUPPLIES	590.58
Total 22641:						590.58	
22642	03/17	03/08/2017	22642	323	UPS	POSTAGE	16.19
Total 22642:						16.19	
22643	03/17	03/08/2017	22643	62353	VERIZON	CONFERENCE CALLS	76.56
Total 22643:						76.56	
22644	03/17	03/08/2017	22644	62665	VERIZON	SCADA ALARM MODEM	54.26
Total 22644:						54.26	
22646	03/17	03/14/2017	22646	3375	ANTHONY LIMA	MILEAGE REIMBURSEMENT	126.26
Total 22646:						126.26	
22647	03/17	03/14/2017	22647	62233	JOHN BELLAH	MILEAGE REIMBURSEMENT	88.00
03/17	03/14/2017	22647	62233	JOHN BELLAH	NON REIMBURSABLE EXPENSES-URBAN WATER	18.52	
Total 22647:						69.48	
22648	03/17	03/14/2017	22648	62045	SZU-PEI LU-YANG	MILEAGE REIMBURSEMENT	24.61
Total 22648:						24.61	
22649	03/17	03/20/2017	22649	4750	PWR JT WATER LINE COMMISSION	401.6 AC FT-JAN 2017 WATER	396,379.20
03/17	03/20/2017	22649	4750	PWR JT WATER LINE COMMISSION	MWD CAPACITY RESERVATION CHARGE	6,908.79	
03/17	03/20/2017	22649	4750	PWR JT WATER LINE COMMISSION	TVMWD CONNECTED CAPACITY CHARGE	1,091.75	
03/17	03/20/2017	22649	4750	PWR JT WATER LINE COMMISSION	TVMWD WATER USE CHARGE	1,648.68	
Total 22649:						406,028.42	
22650	03/17	03/22/2017	22650	1050	ACWA JOINT POWERS INSURANCE A	PROPERTY INSURANCE RENEWAL	41,884.00
Total 22650:						41,884.00	
22651	03/17	03/22/2017	22651	4800	AIRGAS USA LLC	TANK RENTAL	67.11

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
Total 22651:						67.11
22652						
03/17	03/22/2017	22652	62622	AKM CONSULTING ENGINEERS	EASEMENTS AND COORDINATE WITH GIS	23,205.00
03/17	03/22/2017	22652	62622	AKM CONSULTING ENGINEERS	DESIGN OF NATIVE/DUST WATERLINE	21,288.80
03/17	03/22/2017	22652	62622	AKM CONSULTING ENGINEERS	RETAINING WALL	2,545.00
03/17	03/22/2017	22652	62622	AKM CONSULTING ENGINEERS	EASEMENTS AND COORDINATE WITH GIS	12,527.50
03/17	03/22/2017	22652	62622	AKM CONSULTING ENGINEERS	RCS STRUCTURE	4,685.00
Total 22652:						64,251.30
22653						
03/17	03/22/2017	22653	1625	ANTHEM BLUE CROSS	RETIREE HEALTH BENEFITS	960.84
Total 22653:						960.84
22654						
03/17	03/22/2017	22654	400	AT&T MOBILITY	MOBILE PHONES, IPADS	3,713.73
Total 22654:						3,713.73
22655						
03/17	03/22/2017	22655	62597	BEST BEST & KRIEGER	LEGAL FEES-GENERAL COUNSEL	4,353.34
03/17	03/22/2017	22655	62597	BEST BEST & KRIEGER	LEGAL FEES-ENVIRONMENTAL LAW	297.00
03/17	03/22/2017	22655	62597	BEST BEST & KRIEGER	LEGAL FEES-LABOR AND EMPLOYMENT	534.60
03/17	03/22/2017	22655	62597	BEST BEST & KRIEGER	LEGAL FEES-WATER RATES	8,831.34
03/17	03/22/2017	22655	62597	BEST BEST & KRIEGER	LEGAL FEES-PARALLEX CEQA REVIEW	2,970.00
Total 22655:						16,986.28
22656						
03/17	03/22/2017	22656	403	CASELLE INC	CONTRACT SUPPORT CHARGES	1,884.00
Total 22656:						1,884.00
22657						
03/17	03/22/2017	22657	62309	CITY OF INDUSTRY CITY HALL	RECYCLED WATER SYSTEM	2,226.00
Total 22657:						2,226.00
22658						
03/17	03/22/2017	22658	371	CIVLTEC ENGINEERING INC	PIPELINE REPLACEMENT VALLEY BLVD	5,584.00
03/17	03/22/2017	22658	371	CIVLTEC ENGINEERING INC	AZUSA INDUSTRIAL PARK REVIEW PLANS	400.00
Total 22658:						5,984.00
22659						
03/17	03/22/2017	22659	1900	CLINICAL LAB OF S B	WATER SAMPLES	1,086.25
Total 22659:						1,086.25
22660						
03/17	03/22/2017	22660	62439	CVSTRATEGIES	COMMUNICATION SERVICES	6,613.49
Total 22660:						6,613.49

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
22661						
03/17	03/22/2017	22661	62631	CW WULFF ASSOCIATES	D1, D2, D3 MATH REVIEW	1,700.00
03/17	03/22/2017	22661	62631	CW WULFF ASSOCIATES	D3, D4 EXAM REVIEW	1,700.00
03/17	03/22/2017	22661	62631	CW WULFF ASSOCIATES	D3, D4 SESSION 2 EXAM REVIEW	1,700.00
Total 22661:						5,100.00
22662						
03/17	03/22/2017	22662	62505	D & H WATER SYSTEMS	BLUE WHITE A3, TUBE COMPRESSION, FLEX A PR	1,078.69
Total 22662:						1,078.69
22663						
03/17	03/22/2017	22663	2253	DUKE'S LANDSCAPING INC	GARDENING SERVICE	2,100.00
Total 22663:						2,100.00
22664						
03/17	03/22/2017	22664	2550	FRONTIER	INTERNET ACCESS	1,632.77
Total 22664:						1,632.77
22665						
03/17	03/22/2017	22665	385	GRIFFITH AIR TOOLS INC	EQUIPMENT REPAIR-CUT OFF SAW	166.96
Total 22665:						166.96
22666						
03/17	03/22/2017	22666	62676	HENRY WOO ARCHITECTS INC	NEW CANOPY ADDITION	4,882.67
Total 22666:						4,882.67
22667						
03/17	03/22/2017	22667	379	HIGHROAD INFORMATION TECHNOL	MANAGED SERVICES	4,416.67
03/17	03/22/2017	22667	379	HIGHROAD INFORMATION TECHNOL	DATA CENTER	3,157.00
Total 22667:						7,573.67
22668						
03/17	03/22/2017	22668	244	INFOSEND INC	BILLING SERVICE	2,370.33
03/17	03/22/2017	22668	244	INFOSEND INC	BILLING SERVICE	3,050.69
03/17	03/22/2017	22668	244	INFOSEND INC	PROGRAMMING-TIERS	300.00
Total 22668:						5,721.02
22669						
03/17	03/22/2017	22669	62226	INLAND DESERT SECURITY &	ANSWERING SERVICE	311.90
Total 22669:						311.90
22670						
03/17	03/22/2017	22670	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	350.00
03/17	03/22/2017	22670	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	305.95
03/17	03/22/2017	22670	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	157.56
03/17	03/22/2017	22670	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	163.68

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
Total 22670:						977.19
22671						
03/17	03/22/2017	22671	62066	JANITORIAL SYSTEMS	MONTHLY JANITORIAL SERVICES	600.00
03/17	03/22/2017	22671	62066	JANITORIAL SYSTEMS	WINDOW CLEANING INSIDE & OUT	300.00
Total 22671:						900.00
22672						
03/17	03/22/2017	22672	169	LA COUNTY DEPART OF PUBLIC WO	PLAN CHECK FEE	983.00
Total 22672:						983.00
22673						
03/17	03/22/2017	22673	62675	LA COUNTY DEPART OF REGIONAL P	ZONING CONFORMANCE REVIEW	500.00
Total 22673:						500.00
22674						
03/17	03/22/2017	22674	5775	NATIONAL THEATRE FOR CHILDREN	INITIAL PAYMENT-2017-18 WATER AWARENESS T	5,900.00
Total 22674:						5,900.00
22675						
03/17	03/22/2017	22675	62476	NETWORKFLEET INC	MONTHLY SERVICE	449.10
Total 22675:						449.10
22676						
03/17	03/22/2017	22676	189	NOBEL SYSTEMS	GIS SUBSCRIPTION	5,000.00
Total 22676:						5,000.00
22677						
03/17	03/22/2017	22677	46201	PITNEY BOWES GLOBAL FINANCIAL	POSTAGE METER-LEASING CHARGE	263.28
Total 22677:						263.28
22678						
03/17	03/22/2017	22678	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR WHITTIER BOOSTER STATION	432.29
03/17	03/22/2017	22678	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR PROPERTY PROGRAM	1,357.50
03/17	03/22/2017	22678	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR WHITTIER BOOSTER STATION	520.00
03/17	03/22/2017	22678	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR WHITTIER BOOSTER STATION	336.70
Total 22678:						2,646.49
22679						
03/17	03/22/2017	22679	4621	RESERVE ACCOUNT	REPLENISH POSTAGE METER	3,000.00
Total 22679:						3,000.00
22680						
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	SUPPLIES FOR PROJECT	279.82
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	CLOW 850 FIRE HYD DC 8H PENT 1-1/8"	2,694.10
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	6" X 8" CI HYD EXT CL BO 8H	284.00
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	6" X 1/8" 150# RED RBR RING	30.00

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	6" X 1" IP J979 D/S BRS SDL JONES	392.00
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	8" x 1" IP J979 D/S BRS SDL	251.22
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	3/4" E4201SG NO LEAD CTS AMS JONES	184.90
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	2" X 1" BRS HEX BUSH NO LEAD IMP	62.95
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	1-1/2" X 1" BRS HEX BUSH NO LEAD IMP	44.75
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	6" X 20' SDR35 GSKT SEWER PIPE GREEN	431.66
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	SUPPLIES FOR FULLERTON RD GRADE SEP	2,359.90
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	SUPPLIES FOR FULLERTON RD GRADE SEP	889.58
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	SUPPLIES FOR SERVICES	288.81
03/17	03/22/2017	22680	62502	S & J SUPPLY COMPANY, INC	SUPPLIES FOR FULLERTON RD GRADE SEP	2,315.90
Total 22680:						10,509.59
22681						
03/17	03/22/2017	22681	339	S C W U A	RESERVATION (8)	240.00
Total 22681:						240.00
22682						
03/17	03/22/2017	22682	62549	SAN GABRIEL VALLEY EAC	REGISTRATION-EDD WORKSHOP	95.00
Total 22682:						95.00
22683						
03/17	03/22/2017	22683	62249	SECURE SITE SOLUTIONS INC	ASSIST WITH PROGRAMMING GATE CALL BOX	380.00
Total 22683:						380.00
22684						
03/17	03/22/2017	22684	62166	SO CAL GAS CO	GAS UTILITY BILL-2505 ARTIGAS	52.25
Total 22684:						52.25
22685						
03/17	03/22/2017	22685	5800	SO CALIFORNIA EDISON	OFFICE & PUMPING POWER	14,242.47
03/17	03/22/2017	22685	5800	SO CALIFORNIA EDISON	OFFICE & PUMPING POWER	1,582.50
Total 22685:						15,824.97
22686						
03/17	03/22/2017	22686	2180	SWRCB-DWOCP	D5 RENEWAL-MARCOS ASPEITIA	105.00
Total 22686:						105.00
22687						
03/17	03/22/2017	22687	62395	TRANSWORLD SYSTEMS INC	COLLECTION FEES	166.37
Total 22687:						166.37
22688						
03/17	03/22/2017	22688	62626	TRI COUNTY PUMP COMPANY	REPAIR / REPLACE GRANBY BOOSTER STATION	18,434.76
03/17	03/22/2017	22688	62626	TRI COUNTY PUMP COMPANY	REPAIR / REPLACE FULLERTON BOOSTER STATI	20,834.88
Total 22688:						39,269.64
22689						
03/17	03/22/2017	22689	6950	UNDERGROUND SERVICE ALERT	SERVICE ALERT	201.00

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
Total 22689:						201.00
22690						
03/17	03/22/2017	22690	62353	VERIZON	PHONE SYSTEM-VOIP/VOICE LINE	903.79
Total 22690:						903.79
22691						
03/17	03/22/2017	22691	7700	WALNUT VALLEY WATER DISTRICT	RECYCLED WATER	243.61
Total 22691:						243.61
22692						
03/17	03/22/2017	22692	62432	WASTE MANAGEMENT COMPANY	HAUL DIRT	642.26
Total 22692:						642.26
22693						
03/17	03/28/2017	22693	1050	ACWA JOINT POWERS INSURANCE A	PUBLIC OFFICAL BOND 4/1/17-4/1/18-T COLEMAN	825.00
Total 22693:						825.00
22694						
03/17	03/28/2017	22694	62663	AMERICAN GEOTECHNICAL, INC	SCADA PROJECT	9,200.00
Total 22694:						9,200.00
22695						
03/17	03/28/2017	22695	62524	BRITTNIE VAN DE CAR	MILEAGE REIMBURSEMENT	37.13
03/17	03/28/2017	22695	62524	BRITTNIE VAN DE CAR	TOTAL EXPENSES-MWD EDUCATION MEETING	28.75
Total 22695:						65.88
22696						
03/17	03/28/2017	22696	1476	BUSINESS CARD (VISA)	MISC EXPENSES	449.18
03/17	03/28/2017	22696	1476	BUSINESS CARD (VISA)	VEHICLE EXPENSE	36.29
03/17	03/28/2017	22696	1476	BUSINESS CARD (VISA)	MAINTENANCE & OPERATIONS	31.86
03/17	03/28/2017	22696	1476	BUSINESS CARD (VISA)	TOOLS & SUPPLIES	1,442.83
Total 22696:						1,960.16
22697						
03/17	03/28/2017	22697	62071	CALIFORNIA LIVING INC	INTERIOR PLANT MAINTENANCE	430.00
Total 22697:						430.00
22698						
03/17	03/28/2017	22698	2300	FEDERAL EXPRESS	POSTAGE	27.56
Total 22698:						27.56
22699						
03/17	03/28/2017	22699	2550	FRONTIER	PHONE SERVICE	307.32
Total 22699:						307.32

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
22700						
03/17	03/28/2017	22700	5600	G M SAGER CONSTRUCTION	ASPHALT & CONCRETE	1,409.50
Total 22700:						1,409.50
22701						
03/17	03/28/2017	22701	379	HIGHROAD INFORMATION TECHNOL	ENDPOINT ANTIVIRUS RENEWAL 1 YR	2,080.00
03/17	03/28/2017	22701	379	HIGHROAD INFORMATION TECHNOL	BACKUP ADVANCED FOR WINDOWS SERVER LIC	3,000.00
Total 22701:						5,080.00
22702						
03/17	03/28/2017	22702	62435	INDUSTRY PUBLIC UTILITY COMMISS	PUMPING POWER-PUMPSTATION 2A	915.43
Total 22702:						915.43
22703						
03/17	03/28/2017	22703	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	350.00
03/17	03/28/2017	22703	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	175.20
03/17	03/28/2017	22703	62624	INTER VALLEY POOL SUPPLY INC	CHEMICALS FOR RCS	180.51
Total 22703:						705.71
22704						
03/17	03/28/2017	22704	62608	JOHN ROBINSON CONSULTING, INC	CHICK FIL A POTALBE PIPELINE	2,000.00
Total 22704:						2,000.00
22705						
03/17	03/28/2017	22705	62583	LINCOLN FINANCIAL GROUP	LIFE INSURANCE	310.32
03/17	03/28/2017	22705	62583	LINCOLN FINANCIAL GROUP	SHORT/LONG TERM DISABILITY	867.65
03/17	03/28/2017	22705	62583	LINCOLN FINANCIAL GROUP	DIRECTORS LIFE INSURANCE	41.85
Total 22705:						1,219.82
22706						
03/17	03/28/2017	22706	233	MCCALL'S METER SALES & SVC	FIELD METER TEST	750.00
Total 22706:						750.00
22707						
03/17	03/28/2017	22707	62649	OPARC	PAINTING FIRE HYDRANTS	2,881.75
Total 22707:						2,881.75
22708						
03/17	03/28/2017	22708	62448	PARS	GASBY 45 MANAGEMENT FEE	557.98
Total 22708:						557.98
22709						
03/17	03/28/2017	22709	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR PROFESSIONAL FEES	1,043.75
03/17	03/28/2017	22709	5000	PUENTE BASIN WATER AGENCY	ASSESSMENT FOR ATTORNEY FEES	915.00
Total 22709:						1,958.75

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
22710						
03/17	03/28/2017	22710	62660	PUENTE HILLS FORD	MAINTENANCE TRUCKS 3, 6, 8, 9, 18	731.80
Total 22710:						731.80
22711						
03/17	03/28/2017	22711	5100	PUENTE READY MIX INC	CONCRETE SAND & CRUSH BASE	1,513.88
Total 22711:						1,513.88
22712						
03/17	03/28/2017	22712	62562	RMC WATER AND ENVIRONMENT	TOMICH BOOSTER PUMP	1,361.45
Total 22712:						1,361.45
22713						
03/17	03/28/2017	22713	62502	S & J SUPPLY COMPANY, INC	SUPPLIES FOR METERS	300.47
Total 22713:						300.47
22714						
03/17	03/28/2017	22714	62534	SHRED IT USA	SHREDDING SERVICE	89.76
Total 22714:						89.76
22715						
03/17	03/28/2017	22715	62481	STAPLES ADVANTAGE	OFFICE SUPPLIES	37.83
Total 22715:						37.83
22716						
03/17	03/28/2017	22716	6075	STAPLES CREDIT PLAN	OFFICE SUPPLIES	138.00
Total 22716:						138.00
22717						
03/17	03/28/2017	22717	62030	STUMP FENCE CO	REPAIR EXISTING CHAIN LINK FENCE	450.00
Total 22717:						450.00
22718						
03/17	03/28/2017	22718	62521	TRIEPEI SMITH & ASSOCIATES	MONTHLY WEBSITE MAINTENANCE FEE	300.00
Total 22718:						300.00
22719						
03/17	03/28/2017	22719	382	W A RASIC CONSTRUCTION CO INC	JOB 15TX15-FULLERTON RD GRADE SEP	87,679.50
03/17	03/28/2017	22719	382	W A RASIC CONSTRUCTION CO INC	JOB 15TX15-FULLERTON RD GRADE SEP	25,653.29
Total 22719:						113,332.79
22720						
03/17	03/28/2017	22720	205	WARREN GRAPHICS	BC FOR M ULLOA, ENVELOPES, LABELS	409.31
Total 22720:						409.31

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Description	Check Amount
31517						
03/17	03/15/2017	31517	62558	PUENTE BASIN WATER AGENCY	PM 22/PM 9 CONNECTION	279,222.30
03/17	03/15/2017	31517	62558	PUENTE BASIN WATER AGENCY	TVMWD CONNECTION CAPACITY	1,353.41
03/17	03/15/2017	31517	62558	PUENTE BASIN WATER AGENCY	TVMWWD EQUIVALENT SMALL METER	1,723.73
03/17	03/15/2017	31517	62558	PUENTE BASIN WATER AGENCY	TVMWD WATER USE CHARGE	1,402.68
03/17	03/15/2017	31517	62558	PUENTE BASIN WATER AGENCY	MWD CAPACITY CHARGE	8,209.51
03/17	03/15/2017	31517	62558	PUENTE BASIN WATER AGENCY	MWD LRP CREDIT	1,140.00-
Total 31517:						<u>290,771.63</u>
32117						
03/17	03/21/2017	32117	1070	AMERICAN EXPRESS	VEHICLE EXPENSES	203.79
03/17	03/21/2017	32117	1070	AMERICAN EXPRESS	CONFERENCE EXPENSES	5,075.39
03/17	03/21/2017	32117	1070	AMERICAN EXPRESS	SPECTRUM INTERNET	762.00
03/17	03/21/2017	32117	1070	AMERICAN EXPRESS	MISC EXPENSES	828.79
03/17	03/21/2017	32117	1070	AMERICAN EXPRESS	FREEDOM VOICE	2,338.95
03/17	03/21/2017	32117	1070	AMERICAN EXPRESS	DIRECT TV SERVICE	34.61
03/17	03/21/2017	32117	1070	AMERICAN EXPRESS	RCS TRAILER	1,000.00
Total 32117:						<u>10,243.53</u>
Grand Totals:						<u><u>1,378,613.44</u></u>

Summary by General Ledger Account Number

GL Account	Debit	Credit	Proof
11173-0	43,500.00	.00	43,500.00
11505-0	337,042.20	.00	337,042.20
11506-0	279.82	.00	279.82
222100	1,158.52	1,379,771.96-	1,378,613.44-
51310-0	675,601.50	1,140.00-	674,461.50
51410-1	3,051.36	.00	3,051.36
51410-2	2,445.16	.00	2,445.16
51410-3	1,723.73	.00	1,723.73
51410-5	15,118.30	.00	15,118.30
51510-0	2,469.61	.00	2,469.61
51910-0	4,226.30	.00	4,226.30
52310-0	15,157.90	.00	15,157.90
54210-0	2,465.78	.00	2,465.78
54211-0	5,197.36	.00	5,197.36
54212-0	1,476.96	.00	1,476.96
54213-0	2,945.28	.00	2,945.28
54214-0	503.48	.00	503.48
54215-0	7,736.12	.00	7,736.12
54217-0	3,266.97	.00	3,266.97
54219-0	6,855.13	.00	6,855.13
56210-0	6,533.89	.00	6,533.89
56211-0	1,100.33	.00	1,100.33
56214-0	815.33	.00	815.33
56216-0	3,453.06	.00	3,453.06
56217-0	414.03	.00	414.03
56218-0	14,016.28	.00	14,016.28
56218-1	1,110.00	.00	1,110.00
56219-0	11,351.36	.00	11,351.36

GL Account	Debit	Credit	Proof
56220-0	15,524.40	.00	15,524.40
56221-0	24,362.54	.00	24,362.54
56223-0	5,146.53	18.52-	5,128.01
56310-0	42,709.00	.00	42,709.00
56312-0	26,391.36	.00	26,391.36
56320-0	11,577.25	.00	11,577.25
56411-0	36,739.58	.00	36,739.58
56413-0	2,858.09	.00	2,858.09
56415-0	487.14	.00	487.14
56416-0	310.32	.00	310.32
56417-0	13,528.60	.00	13,528.60
56418-0	867.65	.00	867.65
56419-0	54.05	.00	54.05
56421-0	9,707.30	.00	9,707.30
56710-0	990.02	.00	990.02
56812-0	3,537.37	.00	3,537.37
57310-0	3,250.00	.00	3,250.00
57312-0	2,004.75	.00	2,004.75
57314-0	3,474.61	.00	3,474.61
57315-0	3,595.00	.00	3,595.00
57316-0	400.00	.00	400.00
57320-0	105.00	.00	105.00
57321-0	2,294.16	.00	2,294.16
Grand Totals:	<u>1,380,930.48</u>	<u>1,380,930.48-</u>	<u>.00</u>

Report Criteria:
 Report type: GL detail

Report Criteria:
Detail Report

Check Number	Date	Payee				
Sequence	Source	Description	GL Account	Amount	Check Amount	
22607	03/01/2017	MARLENE PEREZ-VILLALOBOS				
1	43696-85	DEPOSIT REFUND-18314 COMPANARIO	22810-0	61.38	61.38	
22608	03/01/2017	CHIA CHIEH HSU				
1	756720-42	DEPOSIT REFUND-3461 ASHBOURNE	22810-0	174.86	174.86	
22609	03/01/2017	CARMEN K CELIS				
1	620056-26	DEPOSIT REFUND-408 SHIPMAN	22810-0	234.00		
2	620056-26	CREDIT REFUND-408 SHIPMAN	15210-0	370.58	604.58	
22610	03/01/2017	TON TEN KO				
1	387484-44	CREDIT REFUND-18438 COLIMA RD #107	15210-0	243.68	243.68	
22611	03/01/2017	VENNY LIANTONO				
1	661693-62	CREDIT REFUND-1338 FELCH	15210-0	98.94	98.94	
22612	03/01/2017	DARCIE HUFF				
1	990501-61	CREDIT REFUND-2302 CHERRY GATE	15210-0	67.04	67.04	
22613	03/01/2017	THAI SPECIALTY 2				
1	81820-66	CREDIT REFUND-1675 AZUSA	15210-0	140.95	140.95	
22614	03/01/2017	JOSE D IBARRA				

Sequence	Source	Description	GL Account	Amount	Check Amount
1	711535-10	CREDIT REFUND-514 DEEPMead	15210-0	76.61	76.61
22615 03/01/2017 CHINYUH YANG					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	755380-71	CREDIT REFUND-1625A GREENCASTLE	15210-0	79.27	79.27
22616 03/01/2017 QUEST NUTRITION					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	1500-04	CREDIT REFUND-18551 ARENTH	15210-0	315.80	315.80
22617 03/01/2017 KIM LIGHTING INC ATTN: ACCOUNTS PAYABLE					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	971607-70	CREDIT REFUND-1085 BIXBY DR	15210-0	124.89	124.89
22618 03/01/2017 EDELICIA LISA SCHUELLER					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	696164-20	CREDIT REFUND-2071 COUNTRY CANYON	15210-0	119.98	119.98
22721 03/28/2017 AMELIA MORALES					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	358249-13	CREDIT REFUND	15210-0	533.41	533.41
22722 03/28/2017 THOMAS BURTON BLUEMEL					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	651157-84	DEPOSIT REFUND-1916 LOS PADRES	22810-0	184.76	184.76
22723 03/28/2017 CYNTHIA PEREZ					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	915817-94	DEPOSIT REFUND-2346 BIRCH LOG	22810-0	90.51	90.51
22724 03/28/2017 WILLIAM PHAN					
Sequence	Source	Description	GL Account	Amount	Check Amount
1	102620-11	DEPOSIT REFUND-18641 TROT	22810-0	77.69	77.69

Check Number	Date	Payee					
22725	03/28/2017	PAUL E VALDEZ					
		Sequence	Source	Description	GL Account	Amount	Check Amount
		1	674224-82	DEPOSIT REFUND-2255 PASO REAL	22810-0	187.43	187.43
22726	03/28/2017	KAREN POUND					
		Sequence	Source	Description	GL Account	Amount	Check Amount
		1	877873-87	DEPOSIT REFUND-1410 GLORIOSA AVE	22810-0	453.43	453.43
22727	03/28/2017	WENDY W YANG					
		Sequence	Source	Description	GL Account	Amount	Check Amount
		1	380771-16	DEPOSIT REFUND-18578 FIELDBROOK	22810-0	96.53	96.53
22728	03/28/2017	ADVANTAGE UNLIMITED PAVING INC					
		Sequence	Source	Description	GL Account	Amount	Check Amount
		1	16-00	DEPOSIT REFUND-17184 COLIMA (CONST.METER)	22810-0	856.46	856.46
Grand Totals:							4,588.20

Report Criteria:
 Detail Report

Tab

1.4



Rowland Water District Memorandum

To: Thomas Coleman, General Manager

From: Sean S. Henry, Finance Officer

CC:

Date: April 10, 2017

Subject: Investment Update – March 2017

Economic Review: The next meeting of the Federal Reserve is scheduled for May 2nd. The last meeting was held on March 15th. The Fed Funds rate was increased to between target ranges of $\frac{3}{4}$ to 1 percent. At the meeting, the Federal Reserve stated “the labor market has continued to strengthen and economic activity has continued to expand at a moderate pace. Job gains remained solid and the unemployment rate was little changed in recent months. Household spending has continued to rise moderately while business fixed investment appears to have firmed somewhat. Inflation has increased in recent quarters, moving close to the Committee’s 2 percent longer-run objective; excluding energy and food prices, inflation was little changed and continued to run somewhat below 2 percent.” The latest reading of the Consumer Price Index (CPI) for Los Angeles, Riverside and Orange Counties was 2.7 for the month of February. The previous reading was 2.1 in the month of January.

LAIF Update: LAIF ended the month of February with a yield of 0.78%. This represents a .03 basis point increase from the month of January. A comparison with last year shows a .31 basis point increase from February 2016 when the yield stood at 0.47%.

RWD Investments: Rowland Water District’s bond portfolio carries an average yield of 1.15%. This represents a .02 basis point increase from the month of February and a 0.37 basis point premium to LAIF. The District CD Placement program carries an effective yield of 0.97% and an average maturity of 496 days. The District had on bond maturity in the month of March. It was a 5 year FHLMC Note with a yield of 1.00%. The District is looking into reinvesting these funds.

Rowland Water District
3021 South Fullerton Road
Rowland Heights, CA 91748
Tel (562) 697-1726

ROWLAND WATER DISTRICT
SUMMARY OF CASH AND INVESTMENTS
FOR MONTH ENDED MARCH 31, 2017



CASH	
Citizens Business Bank	771,631.67
Comerica Bank MMIA	<u>11,649.82</u>
TOTAL CASH	783,281.49

COMERICA SECURITIES CD PLACEMENT	NA	1mth - 2 Years	NA	NA	NA	0.97%	496	1,215,000.00	8.68%
---	----	----------------	----	----	----	-------	-----	---------------------	-------

LOCAL AGENCY INVESTMENT FUND (LAIF)	NA	NA	NA	NA	NA	0.78%	NA	1,933,759.81	13.81%
--	----	----	----	----	----	-------	----	---------------------	--------

**BNY MELLON INVESTMENTS
(UNION BANK CUSTODIAN)**

Term	Quantity	Purchase Price	Current Price	Maturity Date	Effective Yield	Next Call	Current Value	% of Portfolio	
Fed Natl Mtg Assn	5 Year	250,000.00	100.083	99.978	08/28/17	0.88%	NA	249,945.00	1.78%
US Treasury Note	5 Year	250,000.00	99.559	99.859	09/30/17	0.63%	NA	249,647.50	1.78%
Fed Natl Mtg Assn	5 Year	250,000.00	100.019	99.853	12/20/17	0.88%	NA	249,632.50	1.78%
Fed Home Loan Mtg Corp	5 Year	200,000.00	99.289	99.774	01/12/18	0.75%	NA	199,548.00	1.42%
US Treasury Note	5 Year	200,000.00	99.742	99.719	02/28/18	0.75%	NA	199,438.00	1.42%
Fed Natl Mtg Assn	5 Year	500,000.00	100.300	99.659	05/21/18	0.88%	NA	498,295.00	3.56%
US Treasury Note	5 Year	250,000.00	99.727	100.293	09/30/18	1.38%	NA	250,732.50	1.79%
US Treasury Note	5 Year	250,000.00	99.868	100.281	11/30/18	1.38%	NA	250,702.50	1.79%
US Treasury Note	5 Year	250,000.00	99.137	100.469	12/31/18	1.50%	NA	251,172.50	1.79%
US Treasury Note	5 Year	250,000.00	100.172	100.465	01/31/19	1.50%	NA	251,162.50	1.79%
US Treasury Note	5 Year	250,000.00	99.140	100.469	02/28/19	1.50%	NA	251,172.50	1.79%
US Treasury Note	5 Year	250,000.00	99.617	100.703	03/31/19	1.63%	NA	251,757.50	1.80%
US Treasury Note	5 Year	100,000.00	98.532	99.609	10/31/19	1.27%	NA	99,609.00	0.71%
US Treasury Note	5 Year	250,000.00	99.359	99.734	01/31/20	1.38%	NA	249,335.00	1.78%
US Treasury Note	5 Year	250,000.00	99.047	98.844	03/31/20	1.14%	NA	247,110.00	1.76%
US Treasury Note	5 Year	250,000.00	99.016	99.473	04/30/20	1.38%	NA	248,682.50	1.78%
US Treasury Note	5 Year	250,000.00	99.633	97.563	02/28/21	1.13%	NA	243,907.50	1.74%
US Treasury Note	5 Year	250,000.00	100.184	96.984	07/31/21	1.13%	NA	242,460.00	1.73%
US Treasury Note	5 Year	250,000.00	99.059	96.879	08/31/21	1.13%	NA	242,197.50	1.73%
Cash Reserve Account						0.42%		37,494.39	0.27%
Total BNY Mellon Investments								4,764,001.89	34.02%

**MERRILL LYNCH INVESTMENTS
(UNION BANK CUSTODIAN)**

Term	Quantity	Purchase Price	Current Price	Maturity Date	Effective Yield	Next Call	Current Value	% of Portfolio	
Fed Home Loan Mtg Corp	5 Year	250,000.00	102.124	100.046	05/12/17	1.25%	NA	250,115.00	1.79%
Fed Home Loan Mtg Corp	5 Year	250,000.00	100.793	100.031	06/29/17	1.00%	NA	250,077.50	1.79%
Fed Natl Mtg Assn	5 Year	485,000.00	101.342	99.978	08/28/17	0.88%	NA	484,893.30	3.46%
Fed Natl Mtg Assn	5 Year	495,000.00	100.650	99.853	12/20/17	0.88%	NA	494,272.35	3.53%
Fed Home Loan Mtg Corp	5 Year	495,000.00	100.066	99.774	01/12/18	0.75%	NA	493,881.30	3.53%
Fed Natl Mtg Assn	5 Year	495,000.00	100.448	99.811	02/08/18	0.88%	NA	494,064.45	3.53%
Fed Home Loan Mtg Corp	5 Year	495,000.00	100.392	99.774	03/07/18	0.88%	NA	493,881.30	3.53%
Fed Natl Mtg Assn	5 Year	500,000.00	100.530	99.659	05/21/18	0.88%	NA	498,295.00	3.56%
Fed Natl Mtg Assn	4 Year	250,000.00	98.671	100.027	09/27/18	1.27%	NA	250,067.50	1.79%
Fed Natl Mtg Assn	5 Year	245,000.00	100.061	100.612	11/27/18	1.63%	NA	246,499.40	1.76%
Fed Home Loan Mtg Corp	5 Year	275,000.00	99.581	99.632	08/01/19	1.25%	NA	273,988.00	1.96%
Fed Home Loan Mtg Corp	5 Year	275,000.00	99.344	99.442	10/02/19	1.25%	NA	273,465.50	1.95%
Fed Farm Credit Bank	5 Year	240,000.00	98.229	99.376	10/22/19	1.29%	NA	238,502.40	1.70%
ML Bank Deposit (Cash Account)						0.42%		565,443.27	4.04%
Total Merrill Lynch Investments								5,307,446.27	37.90%

TOTAL INVESTMENTS

TOTAL CASH AND INVESTMENTS	13,220,207.97	100%
-----------------------------------	----------------------	-------------


Weighted Average Yield of Total Investment Portfolio:	0.93%
--	--------------

Market values determined by last business day of month values.

All listed investments comply with the District's Statement of Investment Policy as established in Resolution 2-2007.

The District's available cash and investment portfolio provides sufficient cash flow and liquidity to meet all normal obligations for at least a six-month period of time.

NOTE: All interest values shown above are based on annual rates of return.


 Sean S. Henry, Finance Officer



COMPARATIVE PURCHASED WATER REPORT FOR THE MONTH OF FEBRUARY 2017

SOURCE / DESCRIPTION	2017			2016		
	ACRE-FEET	COST	COST/A.F.	ACRE-FEET	COST	COST/A.F.
WATER CHARGES:						
POTABLE WATER						
PUENTE BASIN WATER AGENCY / TVMWD	473.0	466,851.00	987.00	284.9	304,102.80	1,067.40
POMONA-WALNUT-ROWLAND JWLC	182.4	180,028.80	987.00	392.7	360,498.60	918.00
LA HABRA HEIGHTS	0.0	-	-	99.4	34,412.02	346.20
WATER REPLENISHMENT DISTRICT (WRD)	0.0	-	-	99.4	28,130.20	283.00
CYCLIC STORAGE	0.0	-	-	819.5	481,046.50	587.00
	655.4	646,879.80		1,695.9	1,208,190.1	
RECLAIMED WATER	9.4	2,469.61	262.72	41.5	9,639.15	232.27
TOTAL WATER CHARGES	664.8	649,349.41		1,737.4	1,217,829.27	
FIXED CHARGES:						
PUENTE BASIN WATER AGENCY / TVMWD						
CAPACITY RESERVATION		8,209.51			11,203.21	
CONNECTED CAPACITY		1,353.41			1,425.23	
WATER USE CHARGE		1,402.68			1,457.58	
EQUIV. SMALL METER		1,723.73			1,828.87	
SUBTOTAL		12,689.33			15,914.89	
PWR JWLC						
CAPACITY RESERVATION		6,908.79			10,739.20	
CONNECTED CAPACITY		1,091.75			1,149.69	
WATER USE CHARGE		1,648.68			1,992.76	
DEPRECIATION		-			-	
REPLACEMENT		-			-	
BUDGET ASSESSMENT		-			-	
SUBTOTAL		9,649.22			13,881.65	
LHH / OCWD						
WHEELING CHARGE				99.4	4,970.00	50.00
SUBTOTAL						
TOTAL FIXED CHARGES		22,338.55			29,796.54	
TOTAL PURCHASED WATER CHARGES		671,687.96			1,247,625.81	
AVERAGE WATER CHARGE:		\$ 1,010.36			\$ 718.10	

Tab

1.5

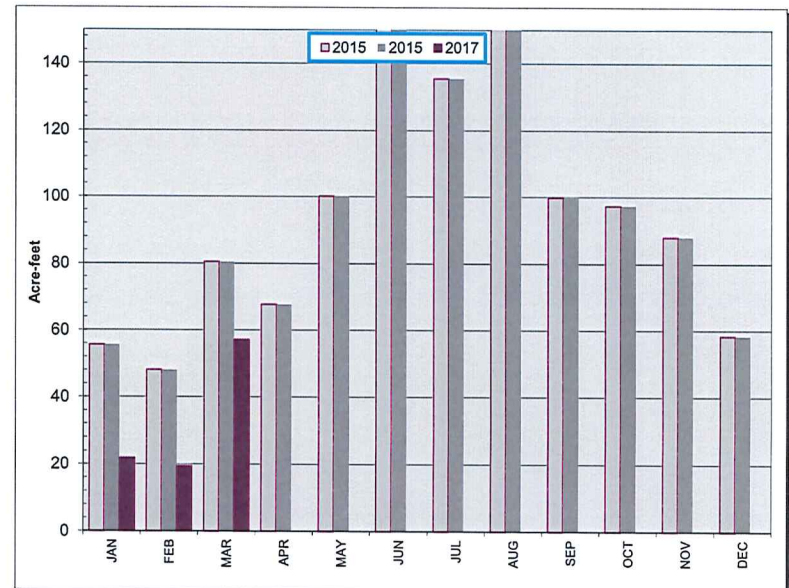
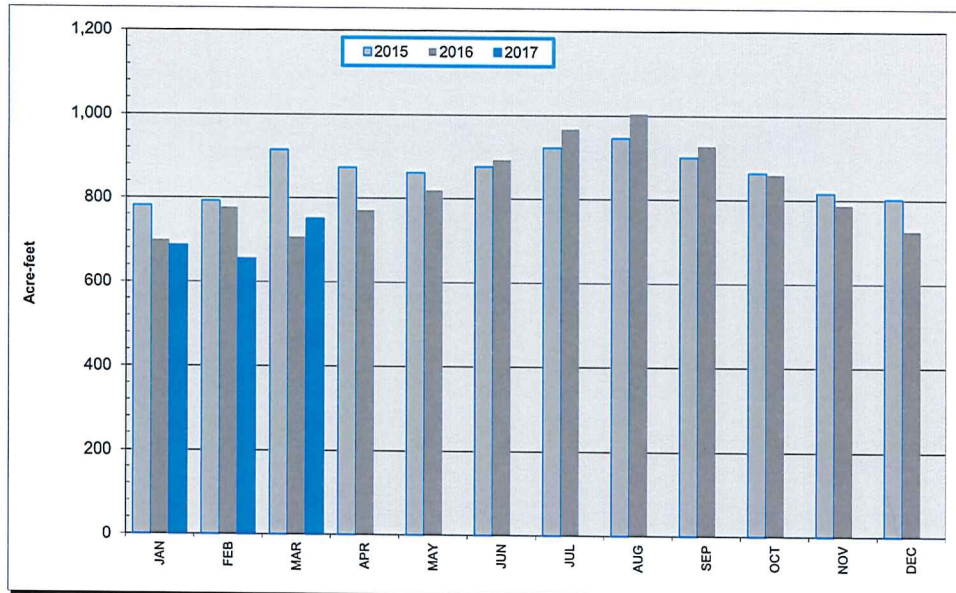


Water Purchases for CY 2017 (Acre-feet)



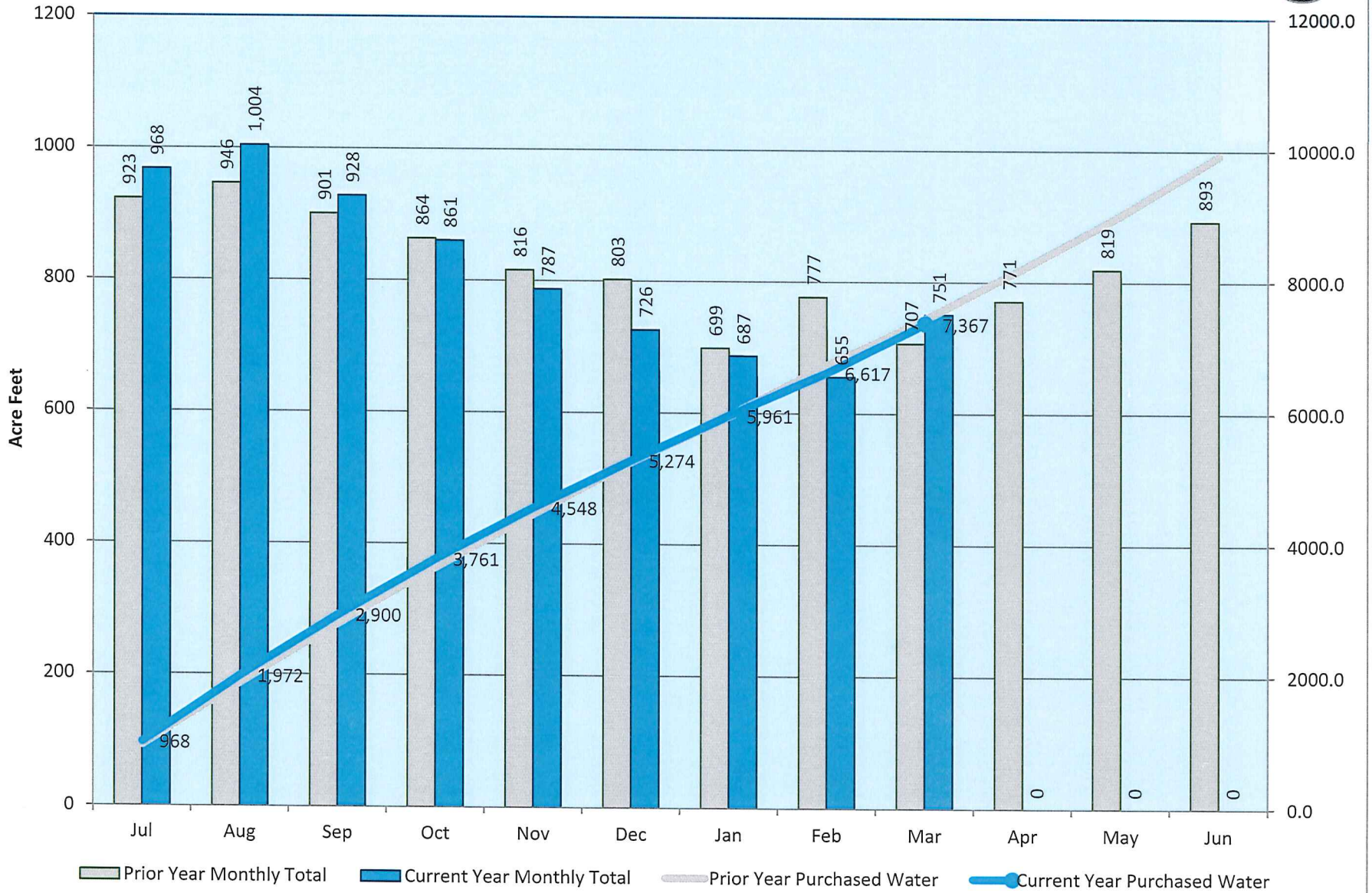
	POTABLE SYSTEM					TOTAL
	WBS	LHH	PM-22	JWL		
				PM-15	Miramar	
JAN	2.3	0.0	282.9	275.6	126.0	686.8
FEB		0.0	473.0	168.7	13.7	655.4
MAR	15.9	0.0	381.6	203.2	150.0	750.7
APR						0.0
MAY						0.0
JUN						0.0
JUL						0.0
AUG						0.0
SEP						0.0
OCT						0.0
NOV						0.0
DEC						0.0
TOTAL	18.2	0.0	1,137.5	647.5	289.7	2,092.9

RECYCLED SYSTEM					TOTAL
Well 1	Wet Well	WVWD	Industry	Potable Make-up	
0.0	7.6	0.0	11.9	2.3	21.8
0.0	6.3	0.0	8.4	4.7	19.4
0.0	20.3	1.0	35.9	0.0	57.2
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
0.0	34.2	1.0	56.2	7.0	98.4



Potable Water Purchases For FY 2016-2017

(Acre-feet)



Tab

2.1



APRIL 2017-DIRECTOR REIMBURSEMENTS

Director	Date of Meeting/Event	Meeting/Event Attended	Reimbursement	No Charge	Additional Comments <i>(Submit expense report if claiming mileage and/or meal reimbursement)</i>
Anthony J. Lima					
	4/3/2017	RWD Board Meeting	\$110.00		
	4/5/2017	Three Valleys Board Meeting	\$110.00		Mileage
	4/6/2017	PBWA Meeting at Walnut	\$110.00		Mileage
	4/19/2017	Three Valleys Board Meeting	\$110.00		Mileage
	4/21/2017	RWD Employee Recognition Dinner		X	
	4/25/2017	RWD Special Board Meeting	\$110.00		
		TOTAL PAYMENT	\$550.00		
John Bellah					
	4/3/2017	RWD Board Meeting	\$110.00		
	4/10/2017	SGV Chamber Gov. Affairs	\$110.00		
	4/21/2017	RWD Employee Recognition Dinner		X	
	4/25/2017	RWD Special Board Meeting	\$110.00		
		TOTAL PAYMENT	\$330.00		
Robert W. Lewis					
	4/3/2017	RWD Board Meeting	\$110.00		
	4/6/2017	PBWA Meeting at Walnut	\$110.00		
	4/10/2017	SGV Chamber Gov. Affairs	\$110.00		
	4/21/2017	RWD Employee Recognition Dinner		X	
	4/25/2017	RWD Special Board Meeting	\$110.00		
		TOTAL PAYMENT	\$440.00		
Szu-Pei Lu					
	4/3/2017	RWD Board Meeting	\$110.00		
	4/5/2017	Three Valleys Board Meeting	\$110.00		Mileage
	4/19/2017	Three Valleys Board Meeting	\$110.00		Mileage
	4/21/2017	RWD Employee Recognition Dinner		X	
	4/25/2017	RWD Special Board Meeting	\$110.00		
		TOTAL PAYMENT	\$440.00		
Teresa Rios					
	4/3/2017	RWD Board Meeting	\$110.00		
	4/21/2017	RWD Employee Recognition Dinner		X	
	4/25/2017	RWD Special Board Meeting	\$110.00		
		TOTAL PAYMENT	\$220.00		

APPROVED FOR PAYMENT:

Tom Coleman

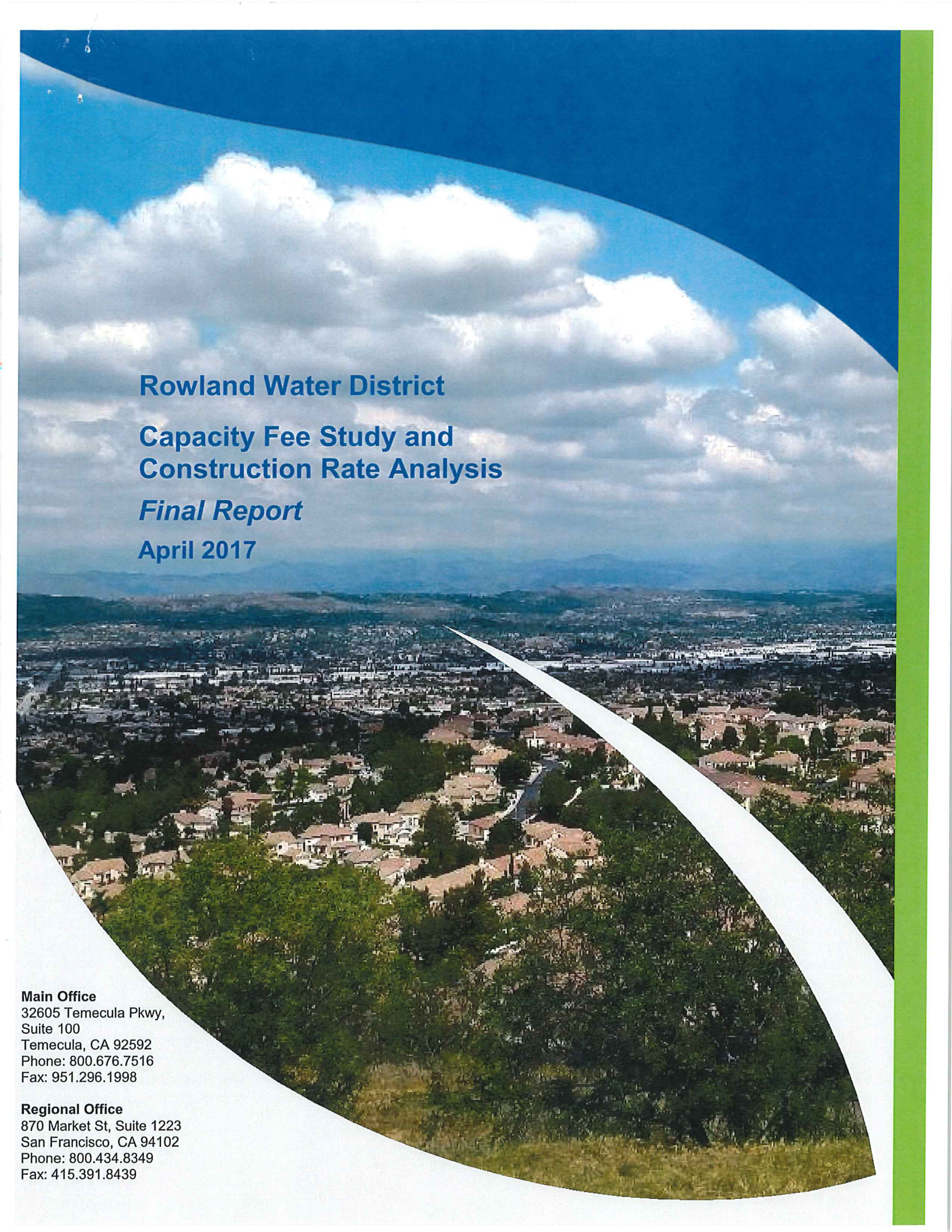
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Rowland Water District
**Capacity Fee Study and
Construction Rate Analysis**
Final Report
April 2017

Main Office

32605 Temecula Pkwy,
Suite 100
Temecula, CA 92592
Phone: 800.676.7516
Fax: 951.296.1998

Regional Office

870 Market St, Suite 1223
San Francisco, CA 94102
Phone: 800.434.8349
Fax: 415.391.8439

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SECTION 1. PURPOSE AND OVERVIEW OF THE STUDY

Rowland Water District retained NBS to conduct a capacity fee study for two primary reasons: updating the District's capacity fees to comply with industry standards, and ensuring these fees reflect the cost of capital infrastructure needed to serve any person requesting a new, additional, or larger connection to the District's potable water system (referred to throughout as "new customers" or "new connections").

The purpose of this report is to summarize the results of our analysis, and presents the updated capacity fees¹ that may be imposed on new connections. Capacity fees are one-time fees intended to reflect the cost of existing infrastructure and planned improvements available to new services. Capacity fees are subject to Government Code 66013, which prescribes the means by which public agencies may impose water capacity fees.

This report also summarizes how the rates and fees for construction customers were developed. Some of the data used to prepare the 2016 Water Rate Study Report² was used in this analysis and report.

SECTION 2. CAPACITY FEE STUDY

A. INTRODUCTION

Various methodologies have been and are currently used to calculate water capacity fees. The most common include establishing the capacity fees based on:

- The value of existing (historical) system assets, often called a "buy-in" methodology;
- The value of planned future improvements, also called the "incremental" or "system development" methodology;
- A combination of these two approaches.

This analysis uses the combination approach, which requires new customers to pay both their fair share of existing system assets as well as their share of the planned future capital improvements needed to provide them with capacity in the District's water system. As a result, new customers connecting to the District's water system would enter as equal participants with regard to their financial commitment and obligations to the utility.

In calculating the water capacity fees, the replacement-cost-new-less-depreciation (RCNLD) value of existing system assets was used to calculate the buy-in component of the capacity fee. The Handy Whitman Index of Public Utility Construction Costs³, which is a regionally specific construction index that tracks water utility construction costs, was used to estimate the replacement value of the existing system assets. The District can use this or the Engineering News Record Construction Cost Index going forward to adjust capacity fees in future years to offset the impacts of inflation.

B. EXISTING CONNECTIONS AND PROJECTED FUTURE GROWTH

Larger meters have the potential to use more of the system's capacity, compared to smaller meters. The potential capacity demanded is proportional to the maximum hydraulic flow through each meter size as established by the AWWA⁴ hydraulic capacity ratios. The AWWA hydraulic capacity ratios (also known as flow factors, or meter equivalencies) used in this study are shown in the fourth column of **Figure 1**.

As an example, a 2-inch meter has a greater capacity, or potential peak demand than a 5/8-inch meter. The "equivalency to a 5/8-inch meter" is calculated by dividing the maximum capacity or flow of larger

¹ Otherwise known as system development charges or as connection fees.

² Rowland Water District Water Rate Study Final Report provided by NBS in December 2016

³ The Handy-Whitman Index of Public Utility Construction Costs, Whitman, Requardt & Assoc., LLP, Bulletin No. 184.

⁴ "AWWA" is the American Water Works Association.

meters by the capacity of the base (5/8-inch) meter size, which is typically the most common residential meter size.

The meter capacity factors shown in Figure 1 are the ratio of potential flow through each meter size compared to the flow through a 5/8-inch meter. The 5/8-inch meter is the most common meter size for the utility and is used to compare the capacities of the larger meters. For example, column 4 in Figure 1 shows that a two-inch meter is equivalent to 8 5/8-inch meters.

The actual number of meters by size is multiplied by the corresponding meter equivalency to calculate the total number of equivalent meters. The number of equivalent meters is used as a proxy for the potential demand that each customer can place on the water system. A significant portion of a water system's peak capacity, and in turn the utility's fixed capital costs, are related to meeting system capacity requirements. Therefore, the capacity fee for a new connection will be proportional to the service's meter equivalence.

The equivalent meter calculation is summarized for standard use meters in Figure 1. Given that the state now requires fire suppression systems in all new single-family home construction, the minimum meter size going forward is a 1-inch meter. This difference has not changed the expected use within the home. Consequently, the District has chosen to treat 3/4- and 1-inch meters as equivalent to 5/8-inch meters for the following reasons:

- The desire for a single, fixed meter charge across all customer classes.
- The overwhelming number of meters between 5/8-inch and 1 inch are for single family residential properties.
- The similar consumption pattern for single-family residential customers with meter sizes 5/8 to 1 inch.

The result of this analysis, summarized in Figure 1, is that while there are currently 13,136 connections to the potable water system, there are 21,467 potable water equivalent (i.e., 5/8-inch) meter units.

Figure 1. Meter Equivalence

Meter Size	Existing Potable Water Meters (1)	Meter Equivalence		Potable Water Meter Equivalent Units
		Maximum Flow (gpm) (2)	Equivalency to 5/8 inch meter (3)	
5/8 Inch	10,926	20	1.00	10,926
3/4 Inch	98	30	1.00	98
1 Inch	929	50	1.00	929
1 1/2 Inch	535	100	5.00	2,675
2 Inch	599	160	8.00	4,792
3 Inch	17	320	16.00	272
4 Inch	13	500	25.00	325
6 Inch	11	1,000	50.00	550
8 Inch	6	1,600	80.00	480
10 Inch	2	4,200	210.00	420
12 Inch	-	5,300	265.00	-
Total	13,136			21,467

1. Per District utility billing data, as of the July-August 2016 billing period.

Excludes Fire, Recycled and Construction meters.

2. Source: *AWWA M1, Table B-1*. Assumes displacement meters for 5/8" through 2", Compound Class I for 3" through 8" and Turbine Class II for 10" through 12" meters.

3. Due to building code requirements, 1-inch meters will be the minimum size going forward, therefore existing 3/4 and 1-inch meters are considered equivalent to a 5/8-inch meter.

The District's capital improvement plan, which is the basis for defining the costs of planned future capital assets, only extends through Fiscal Year 2020/21. This limits the calculation of new capacity fees to a 5-year period. Based on the District's customer growth projections, there will be approximately 0.5 percent

annual growth in the potable water system. The result, as shown in **Figure 2**, are the expected 433 new 5/8-inch equivalent meters over the next five years.

Figure 2. Projected Customer Growth

Demographic Statistics	Existing Total	Projected Service Total (thru 2021) (1)	Allocation Factors		Cumulative Change	
			Existing Customers	New Customers	Number of Units	% Increase
Equivalent 5/8-inch meters	21,467	21,900	98.0%	2.0%	433	2.0%

1. Customer growth is estimated at 0.5% per year.

C. EXISTING AND PLANNED FUTURE ASSETS

The capital assets addressed in this Capacity Fee Study include existing assets and planned capital improvements (i.e., the buy-in and incremental assets). Existing assets are often valued using “book value” (i.e., original cost less depreciation). However, replacement costs provide a more accurate estimate of these asset values. Ideally, replacement values would reflect the actual field condition of the assets (i.e., whether they are behind or ahead of the depreciation curve based on actual condition rather than just the remaining years of expected life). Unfortunately, this information was not available for this study, and the estimated RCNLD value was developed as the cost basis for the new capacity fees.

For the purpose of this analysis, assets that have exceeded their useful life (as defined in the District’s asset records) were considered to have no remaining value. The resulting RCNLD value of existing assets are summarized in **Figure 3** as the System Buy-In Cost Basis.

Figure 3. Summary of Existing Asset Values

Asset Category (1)	Original Values (1)		Asset Cost Less Depreciation	Replacement Values (2)		System Buy-In Cost Basis (3)
	Asset Cost	Depreciation to Date		Asset Cost	Depreciation to Date	
Water Fund						
COMMUNICATION EQUIPMENT	\$ 146,202	\$ 146,202	\$ -	\$ -	\$ -	\$ -
DIST. RESERVOIRS & STANDPIPES	\$ 17,627,409	\$ 5,966,162	\$ 11,661,247	\$ 29,348,275	\$ 10,289,171	\$ 19,059,104
GENERAL PLANT & EQUIPMENT	\$ 377,326	\$ 339,622	\$ 37,704	\$ 355,553	\$ 286,254	\$ 69,299
LAND	\$ 261,340	\$ -	\$ 261,340	\$ 261,340	\$ -	\$ 261,340
METERS	\$ 2,901,848	\$ 1,976,553	\$ 925,295	\$ 3,174,715	\$ 1,603,542	\$ 1,571,174
OFFICE BUILDING	\$ 4,806,688	\$ 1,031,035	\$ 3,775,654	\$ 7,420,289	\$ 1,949,612	\$ 5,470,677
OFFICE FURNITURE & EQUIPMENT	\$ 2,295,641	\$ 1,227,495	\$ 1,068,147	\$ 1,695,477	\$ 584,306	\$ 1,111,171
PUMPING PLANT	\$ 10,037,819	\$ 3,210,155	\$ 6,827,664	\$ 16,844,089	\$ 5,800,934	\$ 11,043,155
SERVICES	\$ 8,397,523	\$ 5,079,922	\$ 3,317,601	\$ 8,226,799	\$ 3,679,399	\$ 4,547,401
SOURCE OF SUPPLY	\$ 5,652,137	\$ 949,586	\$ 4,702,551	\$ 5,966,162	\$ 976,313	\$ 4,989,850
STORES & SHOP BUILDING	\$ 209,538	\$ 193,665	\$ 15,872	\$ 98,664	\$ 76,462	\$ 22,202
TELEMETRY SYSTEM	\$ 1,489,672	\$ 941,343	\$ 548,329	\$ 2,276,003	\$ 1,507,036	\$ 768,967
TRANSMISSION MAINS & ACCESS	\$ 19,037,408	\$ 7,060,519	\$ 11,976,889	\$ 40,739,159	\$ 16,542,798	\$ 24,196,361
TRANSPORTATION EQUIPMENT	\$ 947,475	\$ 512,946	\$ 434,529	\$ 651,468	\$ 179,492	\$ 471,976
Total Capital Facilities & Equipment	\$ 74,188,027	\$ 28,635,206	\$ 45,552,821	\$117,057,994	\$ 43,475,318	\$ 73,582,675

1. The source of the original asset cost and depreciation to date is the District’s fixed asset list (depreciation is as of June 30, 2016).

Fixed asset data was provided in the following source files: fixedassets06.30.16.csv and Asset Schedule.pdf.

2. Replacement values are calculated by escalating the original values (from District’s fixed asset report) from service date to 2016 values using historical cost inflation factors from the Handy-Whitman Index of Public Utility Construction Costs, for Water Utility Construction in the Pacific Region.

3. Cost basis for consideration is calculated as replication value less accumulated depreciation.

Most of the RCNLD costs were allocated to existing customers based on the 98-percent allocation factor shown in Figure 2 (and 2-percent allocation factor for new customers). However, two asset categories - Meters and Services, were excluded from the analysis. Assets categorized as Meters or Services connect each existing customer to the system on a “one for one” basis. Therefore, these assets have no additional

capacity available for new customers and thus have been fully allocated to existing customers. The resulting allocation of exiting system assets to existing and new customers is shown in **Figure 4**.

Figure 4. Existing Asset Values Allocated to New Customers

Asset Category (1)	System Buy-in Cost Basis (2)	Allocation Basis (%)			Distribution of Cost Basis (\$)		
		Exclude from Analysis	Existing Customers	New Customers	Exclude from Analysis	Existing Customers	New Customers
Water Fund							
COMMUNICATION EQUIPMENT (3)	\$ -	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -
DIST. RESERVOIRS & STANDPIPES (4)	\$ 19,059,104	0.0%	98.0%	2.0%	\$ -	\$ 18,682,639	\$ 376,465
GENERAL PLANT & EQUIPMENT (4)	\$ 69,299	0.0%	98.0%	2.0%	\$ -	\$ 67,930	\$ 1,369
LAND (4)	\$ 261,340	0.0%	98.0%	2.0%	\$ -	\$ 256,178	\$ 5,162
METERS (5)	\$ 1,571,174	0.0%	100.0%	0.0%	\$ -	\$ 1,571,174	\$ -
OFFICE BUILDING (4)	\$ 5,470,677	0.0%	98.0%	2.0%	\$ -	\$ 5,362,618	\$ 108,059
OFFICE FURNITURE & EQUIPMENT (4)	\$ 1,111,171	0.0%	98.0%	2.0%	\$ -	\$ 1,089,222	\$ 21,948
PUMPING PLANT (4)	\$ 11,043,155	0.0%	98.0%	2.0%	\$ -	\$ 10,825,026	\$ 218,130
SERVICES (5)	\$ 4,547,401	0.0%	100.0%	0.0%	\$ -	\$ 4,547,401	\$ -
SOURCE OF SUPPLY (4)	\$ 4,989,850	0.0%	98.0%	2.0%	\$ -	\$ 4,891,288	\$ 98,562
STORES & SHOP BUILDING (4)	\$ 22,202	0.0%	98.0%	2.0%	\$ -	\$ 21,763	\$ 439
TELEMETRY SYSTEM (4)	\$ 768,967	0.0%	98.0%	2.0%	\$ -	\$ 753,778	\$ 15,189
TRANSMISSION MAINS & ACCESS (4)	\$ 24,196,361	0.0%	98.0%	2.0%	\$ -	\$ 23,718,423	\$ 477,938
TRANSPORTATION EQUIPMENT (6)	\$ 471,976	0.0%	98.0%	2.0%	\$ -	\$ 462,653	\$ 9,323
Total Capital Facilities & Equipment	\$ 73,582,675	0.0%	98.2%	1.8%	\$ -	\$ 72,250,092	\$ 1,332,583

- The source of the original asset cost and depreciation to date is the District's fixed asset list (depreciation is as of June 30, 2016). Fixed asset data was provided in the following source files: fixedassets06.30.16.csv, Asset Schedule.pdf and staff email Feb 23, 2017.
- Cost basis for consideration is calculated as replication value less accumulated depreciation.
- Assets have no remaining value, therefore allocation is 0% to existing and future users.
- Refer to Exhibit 1: proportionate allocation between existing and future users.
- As meters and services distributed on a per account basis as new customers connect, there exists no additional capacity which they provide for new customers. Thus, asset values associated with meters and services are fully allocated to existing customers.
- Vehicles are excluded from the capacity charge calculation because they are not capacity related assets.

As noted earlier, the District's capital improvement plans only extend through 2021. The estimated cost of planned future improvements (in 2016 dollars) used to calculate the system development component of the capacity fee are summarized in Figure 2; based on the 2-percent allocation factor from Figure 2, new customers were allocated \$205,821 of these future capital project costs, as shown in **Figure 5**.

Figure 5. Planned Asset Values Allocated to New Customers

Facility / Equipment (1)	System Development Cost Basis ²	% Allocation			Distribution of Cost Basis (\$)		
		Exclude from Analysis	Existing Customers	New Customers	Exclude from Analysis	Existing Customers	New Customers
Office Equipment (2)	\$ 1,510,000	0%	98%	2%	\$ -	\$ 1,480,174	\$ 29,826
Facilities (2)	\$ 1,720,000	0%	98%	2%	\$ -	\$ 1,686,026	\$ 33,974
Reservoir Rehabs (2)	\$ 3,170,000	0%	98%	2%	\$ -	\$ 3,107,385	\$ 62,615
Distribution System (2, 3, 4)	\$ 4,090,000	21%	78%	2%	\$ 850,000	\$ 3,176,002	\$ 63,998
Vehicles (5)	\$ 740,000	100%	0%	0%	\$ 740,000	\$ -	\$ -
Tools and Equipment (2)	\$ 780,000	0%	98%	2%	\$ -	\$ 764,593	\$ 15,407
Total	\$ 12,010,000	13.2%	85.0%	1.7%	\$ 1,590,000	\$ 10,214,179	\$ 205,821

- FY 2015/16 - FY 2020/21 Capital projects are per source file: *Five Year Capital Improvement Plan.xlsx*. The following years are an average of those five years CIP totals.
- Project costs are allocated to existing and future services based on projected growth in the system. See Demographics tab for detail.
- Meter replacement projects are excluded because they are for existing users.
- All recycled water system projects are excluded as it is a separate system.
- Vehicles are excluded from the cost basis for capacity fees since they are not capacity related assets.

D. ADJUSTMENTS TO THE COST BASIS

Before the capacity fees are developed, two adjustments were applied to the cost basis to account for existing cash reserves and outstanding debt. Existing cash reserves are treated as an asset, since they were contributed by existing customers and are available to pay for capital and/or operating costs of the water utility. The cash reserves are, in a sense, no different than any other system asset. The existing cash reserves allocated to new customers are summarized in **Figure 6**. This calculation also uses the same 2-percent allocation factor from Figure 2. The allocation of cash reserves to new customers is \$424,382.

Figure 6. Cash Reserves Allocated to New Customers

Cash Reserves	Beginning Cash (1)	% Allocation		\$ - Allocation	
		Existing Customers	New Customers	Existing Customers	New Customers
Cash in Existing Reserves (2)	\$ 13,193,201	98.0%	2.0%	\$ 12,932,603	\$ 260,598
Cash with Fiscal Agent (Restricted Bond Funds) (3)	\$ 8,291,813	98.0%	2.0%	\$ 8,128,029	\$ 163,784
Total Beginning Cash	\$ 21,485,014	98.0%	2.0%	\$ 21,060,632	\$ 424,382

1. Beginning cash balances for Fiscal Year 2016/17 are per staff email February 23, 2017.
2. Existing District reserve funds are for: Operating, Rate Stabilization and Capital Improvements.
3. Cash held from 2012 Water Revenue Bonds to be used in Puente Basin Water Agency Capital Projects.

There was also a credit to the cost basis related to outstanding bonds. This credit was included because some existing assets were at least partially funded with revenue bonds that will be paid in future years by the “existing customers” at that time. Since new connections pay their share of existing asset values, including the remaining outstanding debt on those same assets would be double-counting the asset values in the capacity fees. Therefore, a credit is given in the capacity fee calculation for the value of future principal, to avoid double-charging new customers for bond-funded assets. **Figure 7** shows that the credit provided to new customers in the capacity fee development is \$368,878.

Figure 7. Outstanding Debt Allocated to New Customers

Bond Issue	Outstanding Principal (thru 2021)	% Allocation		\$ - Allocation	
		Existing Customers	New Customers	Existing Customers	New Customers
2012 Water Revenue Bonds (1)	\$ 18,675,000	98.0%	2.0%	\$ 18,306,122	\$ 368,878
Grand Total	\$ 18,675,000	98.0%	2.0%	\$ 18,306,122	\$ 368,878

1. Outstanding bond principal is allocated to existing and future services based on projected growth in the system.

See page 2 of the appendix for detail.

E. CALCULATED CAPACITY FEES

The sum of the existing and planned asset values (that is, the system buy-in and system development costs), along with the adjustments for existing cash reserves and outstanding principal payments, defines the total cost basis allocated to new customers. **Figure 8** summarizes how this cost basis is developed.

Figure 8. Summary of Cost Basis for New Customers⁵

System Asset Values Allocated to New Customers	
<i>System Asset Values Allocated to New Customers</i>	
Existing System Buy-In (1)	\$ 1,332,583
Future System Expansion (2)	205,821
Total: Existing & Future System Costs	\$ 1,538,404
<i>Adjustments to Cost Basis Allocated to New Customers:</i>	
Cash Reserves	\$ 424,382
Outstanding Long-Term Debt (Principal)	(368,878)
Total: Adjustments to Cost Basis	\$ 55,505
Total Adjusted Cost Basis for New Customers	\$ 1,593,909

The total adjusted cost basis is then divided by the number of new customers, measured in 5/8-inch meter equivalents, expected to connect to the system (that is, the 433 meter equivalents shown in Figure 2). This calculation is shown in **Figure 9**.

Figure 9. Summary of Costs Allocated to New Customers and New Capacity Fees

Summary of Costs Allocated to Capacity Fees	Adjusted System Cost Basis	New Customers (1)	Maximum Base Capacity Fee
Maximum Potable Water Capacity Per 5/8-inch meter	\$ 1,593,909	433	\$ 3,685

1. In 5/8-inch meter equivalents, through 2021.

Based on the combined system buy-in and incremental capacity fee methodology, and the assumptions used in this analysis, NBS has calculated the new capacity fees for each meter size, as shown in **Figure 10**. These fees represent a change from the District's current capacity fee structure, which is based on a per-acre fee. The updated capacity fees represent the maximum fee that the District could charge for new connections.

⁵ Details on Future System Expansion allocated to new customers can be found in Exhibit 5 of Appendix A.

Figure 10. Updated Potable Water Capacity Fees

Meter Size	Equivalency Factor		Maximum Unit Cost (\$/5/8-inch meter)	Maximum Potable Capacity Fee Per Meter
	Maximum Continuous Flow (gpm) (1)	Equivalency to Base Meter Size		
1 Inch	50	1.00	\$3,685	\$3,685
1 1/2 Inch	100	5.00	\$3,685	\$18,424
2 Inch	160	8.00	\$3,685	\$29,478
3 Inch	320	16.00	\$3,685	\$58,956
4 Inch	500	25.00	\$3,685	\$92,118
6 Inch	1,000	50.00	\$3,685	\$184,237
8 Inch	1,600	80.00	\$3,685	\$294,779
10 Inch	4,200	210.00	\$3,685	\$773,794
12 Inch	5,300	265.00	\$3,685	\$976,455

1. Source: AWWA M1, Table B-1. Assumes displacement meters for 1" through 2", Compound Class I for 3" through 8" and Turbine Class II for 10" through 12" meters.

SECTION 3. CONSTRUCTION RATE ANALYSIS

As part of this study, NBS also evaluated the District's construction water rates and fees. Construction customers are different from other customers in the District's service area because they are not permanent connections to the water system; they are temporary customers of the water system, and their consumption patterns vary from year to year. Therefore, rates and fees developed for these customers account for these circumstances. This section of the Study describes the methodology used to develop the construction rates and fees.

A. ONE-TIME FEES

New construction customers are subject to two one time fees - a meter deposit and an administrative fee, upon the time of connection. If the customer chooses to move the meter to another location, the customer will be subject to a meter move fee. This section of the report describes how these fees were developed.

- **Meter Deposit** – this is a deposit that is paid to the District for the meter, at the time water service begins. The deposit amount is calculated as the replacement cost of a temporary 3-inch⁶ meter should the meter not be returned to the District. The current cost of a temporary 3-inch meter is \$2,485. The deposit is returned to the customer when the meter is returned.
- **Administrative Fee** – the administrative fee covers the cost of District staff time involved with processing the application for water service, opening the account and installing the water meter. The fee assumes 2.5 hours of staff time are required (for application processing, opening the account and installing the meter) at an hourly rate of \$56.40. An additional 1.5 hours for use of a service truck (\$20 hourly cost) are also included.
- **Meter Move Fee:** this is a fee for moving the meter (if requested by the customer). The fee is based on District staff time and equipment fees for moving the meter from one location to the other. This hourly fee will vary based on the number of hours required to move the meter. Each hour of use includes the \$56.40 hourly staff rate and \$20 hourly service truck cost.

Figure 11 shows these fees for the five-year period (fees for years beyond FY 2016/17 assume an annual inflation factor of 3 percent):

⁶ All construction meters are 3-inch meters.

Figure 11. One-Time Fees for Construction Meters⁷

Fee Description	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
Meter Deposit	\$2,485.00	\$2,559.55	\$2,636.34	\$2,715.43	\$2,796.89
Administrative Fee	\$171.00	\$176.13	\$181.41	\$186.86	\$192.46
Meter Move Fee (cost per hour)	\$76.40	\$78.69	\$81.05	\$83.48	\$85.99

B. MONTHLY CONSTRUCTION WATER RATES

Monthly construction water rates recover the cost of renting the meter, cost of water, and customer related costs such as meter reading, billing and customer service. As with all other customers in the District, these costs are recovered through a fixed monthly meter charge and a volumetric charge based on the amount of water consumed. This section describes how these rates were developed.

Monthly Meter Fee - This is a fixed monthly fee that consists of two components – a *meter rental component* that is based on the cost of the construction meter, and assumes a useful life of five years⁸. There is also a *customer component* that is based on the District’s costs of reading meters, billing customers and customer service costs, as shown in **Figure 12**. The customer component is the same charge that all other customers pay on a monthly basis, as developed in the 2016 Water Rate Study⁹. The “Monthly Meter Rental Fee Component” is calculated by taking the Cost of a Construction Meter (\$2,485 in FY 2016/17) and dividing by the useful life (in months, in this case 5 years * 12 months per year = 60).

Figure 12. Development of the Monthly Meter Fee

Monthly Meter Fee	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
<u>Meter Rental Fee Component</u>					
Cost of Construction Meter ¹	\$2,485.00	\$2,559.55	\$2,636.34	\$2,715.43	\$2,796.89
Useful life (years)	5	5	5	5	5
Assumed Annual Cost Inflation	3%	3%	3%	3%	3%
Estimated Replacement Cost (in 5 years ²)	<u>\$2,880.80</u>	<u>\$2,967.22</u>	<u>\$3,056.24</u>	<u>\$3,147.92</u>	<u>\$3,242.36</u>
Monthly Meter Rental Fee Component	\$48.01	\$49.45	\$50.94	\$52.47	\$54.04
<u>Customer Component</u>					
Standard Meter Customer Costs ³	\$2.31	\$2.49	\$2.67	\$2.81	\$2.95
Total Monthly Meter Fee	\$50.32	\$51.94	\$53.61	\$55.28	\$56.99

1. Per District’s source file: Backflow & Recycled Water Fees.xlsx.

2. 5 year useful life of construction meters provided by District staff.

3. Per December 2016 Water Rate Study.

Potable Water Rate: If the customer uses potable water, construction water customers will pay the potable volumetric rate for construction customers, which is based on the average cost of potable water (per unit of water consumed), plus the zonal surcharge if the customer is located in one of the District’s higher elevation zones. The average cost of water considers all of the District’s costs related to the potable water system, both fixed and variable (total Revenue Requirement, Zonal Costs and Estimated Consumption from the earlier Water Rate Study)¹⁰. The Zonal Surcharges recover the cost of pumping

⁷ For FY 2016/17, the updated fee is scheduled for June 1, 2017. The following update is scheduled for January 1, 2018 and each January thereafter through January 1, 2021.

⁸ Construction meter useful life provided by staff.

⁹ See Figure 17 on page 18 Water Rate Study prepared by NBS December 2016 for details on how the customer component was calculated.

¹⁰ For Total Revenue Requirement see Figure 12 on page 15, for Estimated Consumption see Figure 5 on page 11, of the Water Rate Study prepared by NBS December 2016.

water to the higher elevation zones. **Figure 13** shows how the average cost of potable water is developed, where the total Revenue Requirement from the 2016 Water Rate Study is reduced by the zonal costs (because they are recovered in the surcharge), and the Net Revenue Requirement is then divided by estimated water consumption, to get the average cost of water, per hcf. **Figure 14** shows the Zonal Surcharge that applies to those customers in higher elevation zones¹¹.

Figure 13. Average Cost of Potable Water

Potable Water Cost	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
Total Revenue Requirement	\$ 20,444,439	\$ 22,087,660	\$ 23,862,956	\$ 25,181,385	\$ 26,572,656
Less: Zonal Costs	\$ (265,144)	\$ (277,829)	\$ (291,129)	\$ (305,075)	\$ (319,697)
Net Revenue Requirement from Potable Rates	\$ 20,179,295	\$ 21,809,831	\$ 23,571,827	\$ 24,876,310	\$ 26,252,959
Estimated Consumption	4,040,437	4,060,639	4,080,942	4,101,347	4,121,854
Average Cost of Potable Water (\$/hcf)	\$4.99	\$5.37	\$5.78	\$6.07	\$6.37

Figure 14. Zonal Surcharges

Zonal Surcharges (\$/hcf)	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
Zone 2	\$0.15	\$0.16	\$0.16	\$0.17	\$0.18
Zone 3	\$0.32	\$0.33	\$0.34	\$0.36	\$0.37
Zone 4	\$0.76	\$0.79	\$0.83	\$0.86	\$0.90
Zone 5	\$1.06	\$1.10	\$1.15	\$1.20	\$1.25
Zone 6	\$1.51	\$1.57	\$1.64	\$1.71	\$1.78

Recycled Water Rate: If a construction customer uses recycled water, the customer will pay the recycled water volumetric rate for construction customers, which is based on the average cost of recycled water (per unit of water consumed). The average cost of water considers all of the District's costs related to the recycled water system, both fixed and variable. **Figure 15** shows the average cost of recycled water which is developed by dividing the total revenue requirement by the total expected recycled water consumption.¹²

Figure 15. Average Cost of Recycled Water

Recycled Water Cost ¹	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21
Total Revenue Requirement	\$ 880,174	\$ 1,017,490	\$ 1,162,727	\$ 1,316,252	\$ 1,432,392
Estimated Consumption (hcf)	319,290	329,556	340,152	351,088	351,088
Average Cost of Recycled Water (\$/hcf)²	\$2.76	\$3.09	\$3.42	\$3.75	\$4.08

1. Per December 2016 Water Rate Study.

2. Cost of recycled water assumes consumption is all in Zone 1.

¹¹ See Figures 33 & 34 on page 28 of the Water Rate Study prepared by NBS December 2016 for details on how these charges were calculated.

¹² For Recycled Water Total Revenue Requirement see Figure 4 on page 10, for Estimated Consumption see Figure 25 on page 22, of the Water Rate Study prepared by NBS December 2016.

Figure 16 shows the complete list of charges that apply to construction customers:

Figure 16. Construction Meter Charges

Updated Construction Customer Fee Schedule	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
One-Time Fees					
Meter Deposit	\$2,485	\$2,560	\$2,636	\$2,715	\$2,797
Administrative Fee	\$171.00	\$176.13	\$181.41	\$186.86	\$192.46
Meter Move Fee (cost per hour)	\$76.40	\$78.69	\$81.05	\$83.48	\$85.99
Monthly Fees					
Fixed Charges (\$/meter)					
Monthly Meter Fee	\$50.32	\$51.94	\$53.61	\$55.28	\$56.99
Volumetric Charges (\$/hcf)					
Potable Water - Zone 1	\$4.99	\$5.37	\$5.78	\$6.07	\$6.37
Potable Water - Zone 2	\$5.15	\$5.53	\$5.94	\$6.24	\$6.55
Potable Water - Zone 3	\$5.31	\$5.70	\$6.12	\$6.42	\$6.74
Potable Water - Zone 4	\$5.75	\$6.16	\$6.60	\$6.93	\$7.27
Potable Water - Zone 5	\$6.05	\$6.48	\$6.93	\$7.27	\$7.62
Potable Water - Zone 6	\$6.50	\$6.94	\$7.42	\$7.77	\$8.15
Recycled Water	\$2.76	\$3.09	\$3.42	\$3.75	\$4.08

SECTION 4. RECOMMENDATIONS AND NEXT STEPS

A. CONSULTANT RECOMMENDATIONS

NBS recommends the District take the following actions:

- **Approve and Accept this Study:** NBS recommends the District Board of Directors formally approve and adopt this Study and its recommendations, and proceed with the steps outlined below to implement the new capacity fees and construction rates. This will provide documentation of the study and the basis for adopting the new capacity fees and construction rates.
- **Implement New Capacity Fees:** Based on the analysis presented in this report, the District Board of Directors should implement the new capacity fee of \$3,685 per 5/8-inch meter equivalent recommended in this report.
- **Implement New Construction Rates:** Based on the analysis presented in this report, the District Board of Directors should implement the new construction rates, as shown in **Figure 16**.
- **Annually Review Rates, Fees and Revenue:** Any time an Agency adopts new rates and fees, they should be periodically reviewed — even more so when new capital facilities are planned and/or significant repair and replacements projects are undertaken. This will help ensure the revenue generated is sufficient to meet the costs of capital projects, the fiscal health of the District is maintained, and future customers bear their fair share of costs of the District's water system.

B. PRINCIPAL ASSUMPTIONS AND CONSIDERATIONS

In preparing this report and the recommendations included herein, NBS has relied on a number of principal assumptions and considerations with regard to financial matters, number of customer accounts, conditions and events that may occur in the future. This information and assumptions, including the District's asset records, financial information and customer billing data (provided by District staff), were provided by sources we believe to be reliable, although NBS has not independently verified this data.

While we believe NBS' use of such information and assumptions is reasonable for the purpose of this report and its recommendations, some assumptions will invariably not materialize as stated herein or may vary significantly due to unanticipated events and circumstances. Therefore, the actual results can be expected to vary from those projected to the extent that actual future conditions differ from those assumed by us or provided to us by others.

APPENDIX A: TABLES FROM THE CAPACITY FEE STUDY

Exhibit Number	Pages	Function
1	2	Demographic Data and Projections
2	3 - 4	Summary of Existing Capital Facilities and Equipment for Consideration (System Buy-In)
3	not printed	Detail of Existing Capital Facilities and Equipment for Consideration (System Buy-In)
4	5	Cash Reserves and Debt Service Allocation
5	6 - 8	Planned Capital Facilities and Equipment for Consideration (System Development)
6	9	Updated Unit Cost Calculation
7	10	Updated Water Capacity Fees
8	not printed	Inflation Factors from Handy-Whitman Index Used for Estimation of Existing System Asset Values

ROWLAND WATER DISTRICT
 Water Capacity Fee Analysis
 Demographic Data and Projections

EXHIBIT 1

METER EQUIVALENT UNITS:

Meter Size	Existing Potable Water Meters (1)	Meter Equivalence		Potable Water Meter Equivalent Units
		Maximum Flow (gpm) (2)	Equivalency to 5/8 inch meter (3)	
5/8 Inch	10,926	20	1.00	10,926
3/4 Inch	98	30	1.00	98
1 Inch	929	50	1.00	929
1 1/2 Inch	535	100	5.00	2,675
2 Inch	599	160	8.00	4,792
3 Inch	17	320	16.00	272
4 Inch	13	500	25.00	325
6 Inch	11	1,000	50.00	550
8 Inch	6	1,600	80.00	480
10 Inch	2	4,200	210.00	420
12 Inch	-	5,300	265.00	-
Total	13,136			21,467

1. Per District utility billing data, as of the July-August 2016 billing period.
Excludes Fire, Recycled and Construction meters.
2. Source: *AWWA M1, Table B-1*. Assumes displacement meters for 5/8" through 2", Compound Class I for 3" through 8" and Turbine Class II for 10" through 12" meters.
3. Due to building code requirements, 1-inch meters will be the minimum size going forward, therefore existing 3/4 and 1-inch meters are considered equivalent to a 5/8-inch meter.

EXISTING AND PROJECTED SERVICE NUMBERS:

Demographic Statistics	Existing Total	Projected Service Total (thru 2021) (1)	Allocation Factors		Cumulative Change	
			Existing Customers	New Customers	Number of Units	% Increase
Equivalent 5/8-inch meters	21,467	21,900	98.0%	2.0%	433	2.0%

1. Customer growth is estimated at 0.5% per year.

ROWLAND WATER DISTRICT
Water Capacity Fee Analysis
Existing Capital Facilities and Equipment for Consideration (System Buy-In)

Asset Category (1)	Original Values (1)		Asset Cost Less Depreciation	Replacement Values (2)		System Buy-In Cost Basis (3)
	Asset Cost	Depreciation to Date		Asset Cost	Depreciation to Date	
Water Fund						
COMMUNICATION EQUIPMENT	\$ 146,202	\$ 146,202	\$ -	\$ -	\$ -	\$ -
DIST. RESERVOIRS & STANDPIPES	\$ 17,627,409	\$ 5,966,162	\$ 11,661,247	\$ 29,348,275	\$ 10,289,171	\$ 19,059,104
GENERAL PLANT & EQUIPMENT	\$ 377,326	\$ 339,622	\$ 37,704	\$ 355,553	\$ 286,254	\$ 69,299
LAND	\$ 261,340	\$ -	\$ 261,340	\$ 261,340	\$ -	\$ 261,340
METERS	\$ 2,901,848	\$ 1,976,553	\$ 925,295	\$ 3,174,715	\$ 1,603,542	\$ 1,571,174
OFFICE BUILDING	\$ 4,806,688	\$ 1,031,035	\$ 3,775,654	\$ 7,420,289	\$ 1,949,612	\$ 5,470,677
OFFICE FURNITURE & EQUIPMENT	\$ 2,295,641	\$ 1,227,495	\$ 1,068,147	\$ 1,695,477	\$ 584,306	\$ 1,111,171
PUMPING PLANT	\$ 10,037,819	\$ 3,210,155	\$ 6,827,664	\$ 16,844,089	\$ 5,800,934	\$ 11,043,155
SERVICES	\$ 8,397,523	\$ 5,079,922	\$ 3,317,601	\$ 8,226,799	\$ 3,679,399	\$ 4,547,401
SOURCE OF SUPPLY	\$ 5,652,137	\$ 949,586	\$ 4,702,551	\$ 5,966,162	\$ 976,313	\$ 4,989,850
STORES & SHOP BUILDING	\$ 209,538	\$ 193,665	\$ 15,872	\$ 98,664	\$ 76,462	\$ 22,202
TELEMETRY SYSTEM	\$ 1,489,672	\$ 941,343	\$ 548,329	\$ 2,276,003	\$ 1,507,036	\$ 768,967
TRANSMISSION MAINS & ACCESS	\$ 19,037,408	\$ 7,060,519	\$ 11,976,889	\$ 40,739,159	\$ 16,542,798	\$ 24,196,361
TRANSPORTATION EQUIPMENT	\$ 947,475	\$ 512,946	\$ 434,529	\$ 651,468	\$ 179,492	\$ 471,976
Total Capital Facilities & Equipment	\$ 74,188,027	\$ 28,635,206	\$ 45,552,821	\$ 117,057,994	\$ 43,475,318	\$ 73,582,675

1. The source of the original asset cost and depreciation to date is the District's fixed asset list (depreciation is as of June 30, 2016). Fixed asset data was provided in the following source files: fixedassets06.30.16.csv and Asset Schedule.pdf.
2. Replacement values are calculated by escalating the original values (from District's fixed asset report) from service date to 2016 values using historical cost inflation factors from the Handy-Whitman Index of Public Utility Construction Costs, for Water Utility Construction in the Pacific Region.
3. Cost basis for consideration is calculated as replication value less accumulated depreciation.

ROWLAND WATER DISTRICT
Water Capacity Fee Analysis
Existing Capital Facilities and Equipment for Consideration (System Buy-In)

Asset Category (1)	System Buy-In Cost Basis (2)	Allocation Basis (%)			Distribution of Cost Basis (\$)		
		Exclude from Analysis	Existing Customers	New Customers	Exclude from Analysis	Existing Customers	New Customers
Water Fund							
COMMUNICATION EQUIPMENT (3)	\$ -	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -
DIST. RESERVOIRS & STANDPIPES (4)	\$ 19,059,104	0.0%	98.0%	2.0%	\$ -	\$ 18,682,639	\$ 376,465
GENERAL PLANT & EQUIPMENT (4)	\$ 69,299	0.0%	98.0%	2.0%	\$ -	\$ 67,930	\$ 1,369
LAND (4)	\$ 261,340	0.0%	98.0%	2.0%	\$ -	\$ 256,178	\$ 5,162
METERS (5)	\$ 1,571,174	0.0%	100.0%	0.0%	\$ -	\$ 1,571,174	\$ -
OFFICE BUILDING (4)	\$ 5,470,677	0.0%	98.0%	2.0%	\$ -	\$ 5,362,618	\$ 108,059
OFFICE FURNITURE & EQUIPMENT (4)	\$ 1,111,171	0.0%	98.0%	2.0%	\$ -	\$ 1,089,222	\$ 21,948
PUMPING PLANT (4)	\$ 11,043,155	0.0%	98.0%	2.0%	\$ -	\$ 10,825,026	\$ 218,130
SERVICES (5)	\$ 4,547,401	0.0%	100.0%	0.0%	\$ -	\$ 4,547,401	\$ -
SOURCE OF SUPPLY (4)	\$ 4,989,850	0.0%	98.0%	2.0%	\$ -	\$ 4,891,288	\$ 98,562
STORES & SHOP BUILDING (4)	\$ 22,202	0.0%	98.0%	2.0%	\$ -	\$ 21,763	\$ 439
TELEMETRY SYSTEM (4)	\$ 768,967	0.0%	98.0%	2.0%	\$ -	\$ 753,778	\$ 15,189
TRANSMISSION MAINS & ACCESS (4)	\$ 24,196,361	0.0%	98.0%	2.0%	\$ -	\$ 23,718,423	\$ 477,938
TRANSPORTATION EQUIPMENT (6)	\$ 471,976	0.0%	98.0%	2.0%	\$ -	\$ 462,653	\$ 9,323
Total Capital Facilities & Equipment	\$ 73,582,675	0.0%	98.2%	1.8%	\$ -	\$ 72,250,092	\$ 1,332,583

- The source of the original asset cost and depreciation to date is the District's fixed asset list (depreciation is as of June 30, 2016). Fixed asset data was provided in the following source files: fixedassets06.30.16.csv, Asset Schedule.pdf and staff email Feb 23, 2017.
- Cost basis for consideration is calculated as replication value less accumulated depreciation.
- Assets have no remaining value, therefore allocation is 0% to existing and future users.
- Refer to Exhibit 1: proportionate allocation between existing and future users.
- As meters and services distributed on a per account basis as new customers connect, there exists no additional capacity which they provide for new customers. Thus, asset values associated with meters and services are fully allocated to existing customers.
- Vehicles are excluded from the capacity charge calculation because they are not capacity related assets.

ALLOCATION OF DEBT TO EXISTING AND FUTURE USERS:

Bond Issue	Outstanding Principal (thru 2021)	% Allocation			Total	\$ - Allocation			Total
		Exclude from Analysis	Existing Customers	New Customers		Exclude from Analysis	Existing Customers	New Customers	
2014A Water Revenue Refinance Bonds (1)	\$ 19,025,000	100%	0.0%	0.0%	100%	\$ 19,025,000	\$ -	\$ -	\$ 19,025,000
2012 Water Revenue Bonds (2)	\$ 18,675,000	0%	98.0%	2.0%	100%	\$ -	\$ 18,306,122	\$ 368,878	\$ 18,675,000
Grand Total	\$ 37,700,000	25%	24.3%	0.5%	50%	\$ 19,025,000	\$ 18,306,122	\$ 368,878	\$ 37,700,000

1. Outstanding bond principal is excluded from the capacity fee calculation because it is for the recycled water system.
2. Outstanding bond principal is allocated to existing and future services based on projected growth in the system. See Demographics tab for detail.

ALLOCATION OF CASH RESERVES TO EXISTING AND FUTURE USERS:

Cash Reserves	Beginning Cash (1)	% Allocation			Total	\$ - Allocation			Total
		Exclude from Analysis	Existing Customers	New Customers		Exclude from Analysis	Existing Customers	New Customers	
Cash in Existing Reserves (2)	\$ 13,193,201	0%	98.0%	2.0%	100%	\$ -	\$ 12,932,603	\$ 260,598	\$ 13,193,201
Cash with Fiscal Agent (Restricted Bond Funds) (3)	\$ 8,291,813	0%	98.0%	2.0%	100%	\$ -	\$ 8,128,029	\$ 163,784	\$ 8,291,813
Total Beginning Cash	\$ 21,485,014	0%	98.0%	2.0%	50%	\$ -	\$ 21,060,632	\$ 424,382	\$ 21,485,014

1. Beginning cash balances for Fiscal Year 2016/17 are per staff email February 23, 2017.
2. Existing District reserve funds are for: Operating, Rate Stabilization and Capital Improvements.
3. Cash held from 2012 Water Revenue Bonds to be used in Puente Basin Water Agency Capital Projects.

ROWLAND WATER DISTRICT
 Water Capacity Fee Analysis
 Water Planned Capital Facilities and Equipment for Consideration (System Development)

EXHIBIT 5

Facility / Equipment (1)	System Development Cost Basis for Consideration ²	% Allocation			Distribution of Cost Basis (\$)		
		Exclude from Analysis	Existing Customers	New Customers	Exclude from Analysis	Existing Customers	New Customers
Office Equipment							
Office Furniture	\$ 100,000	0.0%	98.0%	2.0%	\$ -	\$ 98,025	\$ 1,975
New Servers	\$ 50,000	0.0%	98.0%	2.0%	\$ -	\$ 49,012	\$ 988
Telemetry System Upgrade	\$ 1,130,000	0.0%	98.0%	2.0%	\$ -	\$ 1,107,680	\$ 22,320
Wims Water Sample Software	\$ 30,000	0.0%	98.0%	2.0%	\$ -	\$ 29,407	\$ 593
Kiosk Payment Center	\$ 200,000	0.0%	98.0%	2.0%	\$ -	\$ 196,050	\$ 3,950
Facilities							
Office Building HVAC Improvements	\$ 40,000	0.0%	98.0%	2.0%	\$ -	\$ 39,210	\$ 790
Retaining Wall for Reservoir's 1, 5 and 11	\$ 300,000	0.0%	98.0%	2.0%	\$ -	\$ 294,074	\$ 5,926
District Office Improvements	\$ 50,000	0.0%	98.0%	2.0%	\$ -	\$ 49,012	\$ 988
Panic Alarm System	\$ 7,000	0.0%	98.0%	2.0%	\$ -	\$ 6,862	\$ 138
Retrofit Monument Sign	\$ 10,000	0.0%	98.0%	2.0%	\$ -	\$ 9,802	\$ 198
Reservoirs No. 8, 14, and 15 Fixed RMS	\$ 125,000	0.0%	98.0%	2.0%	\$ -	\$ 122,531	\$ 2,469
RCS System	\$ 55,000	0.0%	98.0%	2.0%	\$ -	\$ 53,914	\$ 1,086
RCS Structure	\$ 500,000	0.0%	98.0%	2.0%	\$ -	\$ 490,124	\$ 9,876
PAX Mixer	\$ 245,000	0.0%	98.0%	2.0%	\$ -	\$ 240,161	\$ 4,839
Cathodic Repairs	\$ 40,500	0.0%	98.0%	2.0%	\$ -	\$ 39,700	\$ 800
Reservoir Vent Rehabs	\$ 17,500	0.0%	98.0%	2.0%	\$ -	\$ 17,154	\$ 346
Asphalt Repair- Reservoir Sites	\$ 130,000	0.0%	98.0%	2.0%	\$ -	\$ 127,432	\$ 2,568
Tomich BS MCC Upgrade	\$ 200,000	0.0%	98.0%	2.0%	\$ -	\$ 196,050	\$ 3,950
Sub-Total	\$ 3,230,000	0.0%	98.0%	2.0%	\$ -	\$ 3,166,199	\$ 63,801

1. FY 2015/16 - FY 2020/21 Capital projects are per source file: *Five Year Capital Improvement Plan.xlsx*. The following years are an average of those five years CIP totals.

2. Project costs are allocated to existing and future services based on projected growth in the system. See Demographics tab for detail.

ROWLAND WATER DISTRICT
 Water Capacity Fee Analysis
 Water Planned Capital Facilities and Equipment for Consideration (System Development)

EXHIBIT 5

Facility / Equipment (1)	System Development Cost Basis for Consideration ²	% Allocation			Distribution of Cost Basis (\$)		
		Exclude from Analysis	Existing Customers	New Customers	Exclude from Analysis	Existing Customers	New Customers
Reservoir Rehabs							
Reservoir 3	\$ 400,000	0.0%	98.0%	2.0%	\$ -	\$ 392,099	\$ 7,901
Reservoir No. 6	\$ 330,000	0.0%	98.0%	2.0%	\$ -	\$ 323,482	\$ 6,518
Reservoir No. 7	\$ 395,000	0.0%	98.0%	2.0%	\$ -	\$ 387,198	\$ 7,802
Reservoir No. 8	\$ 240,000	0.0%	98.0%	2.0%	\$ -	\$ 235,259	\$ 4,741
Reservoir No. 10	\$ 440,000	0.0%	98.0%	2.0%	\$ -	\$ 431,309	\$ 8,691
Cuatro Booster Rehab	\$ 150,000	0.0%	98.0%	2.0%	\$ -	\$ 147,037	\$ 2,963
Reservoir CL2 Analyzer	\$ 120,000	0.0%	98.0%	2.0%	\$ -	\$ 117,630	\$ 2,370
Res. 6 Landscape	\$ 30,000	0.0%	98.0%	2.0%	\$ -	\$ 29,407	\$ 593
Replace BS Mag Meters	\$ 100,000	0.0%	98.0%	2.0%	\$ -	\$ 98,025	\$ 1,975
Reservoir Security	\$ 450,000	0.0%	98.0%	2.0%	\$ -	\$ 441,111	\$ 8,889
Security Mesh Network for Remote Sites	\$ 115,000	0.0%	98.0%	2.0%	\$ -	\$ 112,728	\$ 2,272
Warehouse/storage upgrade	\$ 250,000	0.0%	98.0%	2.0%	\$ -	\$ 245,062	\$ 4,938
Office Landscaping	\$ 150,000	0.0%	98.0%	2.0%	\$ -	\$ 147,037	\$ 2,963
Distribution System							
Valve Replacement (La Seda, Cantaria, Altario, Galleano, Johnson, Bixby)	\$ 580,000	0.0%	98.0%	2.0%	\$ -	\$ 568,544	\$ 11,456
Large meter replacements	\$ 150,000	100.0%	0.0%	0.0%	\$ 150,000	\$ -	\$ -
Recycled Water Expansion Projects	\$ 700,000	100.0%	0.0%	0.0%	\$ 700,000	\$ -	\$ -
Mainline Replacement (Native and Desire)	\$ 1,200,000	0.0%	98.0%	2.0%	\$ -	\$ 1,176,297	\$ 23,703
Preventative Pump- FBS- 1, HBS-1	\$ 400,000	0.0%	98.0%	2.0%	\$ -	\$ 392,099	\$ 7,901
Vault Rehab (PM9, PM22, etc.)	\$ 20,000	0.0%	98.0%	2.0%	\$ -	\$ 19,605	\$ 395
Sentous- Replace Valves, remove top, etc	\$ 75,000	0.0%	98.0%	2.0%	\$ -	\$ 73,519	\$ 1,481
AMR Conversion and Large Meter Expansion	\$ 965,000	0.0%	98.0%	2.0%	\$ -	\$ 945,939	\$ 19,061
Sub-Total	\$ 7,260,000	11.7%	86.5%	1.7%	\$ 850,000	\$ 6,283,387	\$ 126,613

1. FY 2015/16 - FY 2020/21 Capital projects are per source file: *Five Year Capital Improvement Plan.xlsx*. The following years are an average of those five years CIP totals.
2. Project costs are allocated to existing and future services based on projected growth in the system. See Demographics tab for detail.
3. Meter replacement projects are excluded because they are for existing users.
4. All recycled water system projects are excluded as it is a separate system.

ROWLAND WATER DISTRICT
 Water Capacity Fee Analysis
 Water Planned Capital Facilities and Equipment for Consideration (System Development)

EXHIBIT 5

Facility / Equipment (1)	System Development Cost Basis for Consideration ²	% Allocation			Distribution of Cost Basis (\$)		
		Exclude from Analysis	Existing Customers	New Customers	Exclude from Analysis	Existing Customers	New Customers
Vehicles							
Emergency Generators	\$ 150,000	100.0%	0.0%	0.0%	\$ 150,000	\$ -	\$ -
John Deere Flatbed Cart	\$ 20,000	100.0%	0.0%	0.0%	\$ 20,000	\$ -	\$ -
550 Crew Truck	\$ 150,000	100.0%	0.0%	0.0%	\$ 150,000	\$ -	\$ -
Field Trucks (#3, #14, #16, #17, #9, #11, #18, Crew cab)	\$ 420,000	100.0%	0.0%	0.0%	\$ 420,000	\$ -	\$ -
Tools and Equipment							
Portable RMS System	\$ 250,000	0.0%	98.0%	2.0%	\$ -	\$ 245,062	\$ 4,938
Portable Booster Pump - Coordinate W/Walnut for Emergency Use	\$ -	0.0%	98.0%	2.0%	\$ -	\$ -	\$ -
Vac Truck - Coordinate w/WVWD for Scheduled/Emergency Use	\$ 275,000	0.0%	98.0%	2.0%	\$ -	\$ 269,568	\$ 5,432
Valve Truck (w/ arrow board)	\$ 175,000	0.0%	98.0%	2.0%	\$ -	\$ 171,543	\$ 3,457
Fork Lift	\$ 30,000	0.0%	98.0%	2.0%	\$ -	\$ 29,407	\$ 593
Meter Reader laptop	\$ 10,000	0.0%	98.0%	2.0%	\$ -	\$ 9,802	\$ 198
Air Compressor	\$ 40,000	0.0%	98.0%	2.0%	\$ -	\$ 39,210	\$ 790
Sub-Total	\$ 1,520,000	48.7%	50.3%	1.0%	\$ 740,000	\$ 764,593	\$ 15,407
Total	\$ 12,010,000	13.2%	85.0%	1.7%	\$ 1,590,000	\$ 10,214,179	\$ 205,821

1. FY 2015/16 - FY 2020/21 Capital projects are per source file: *Five Year Capital Improvement Plan.xlsx*. The following years are an average of those five years CIP totals.
2. Project costs are allocated to existing and future services based on projected growth in the system. See Demographics tab for detail.
3. Meter replacement projects are excluded because they are for existing users.
4. All recycled water system projects are excluded as it is a separate system.
5. Vehicles are excluded from the cost basis for capacity fees since they are not capacity related assets.

ROWLAND WATER DISTRICT
Water Capacity Fee Analysis
Unit Cost Calculation

EXHIBIT 6

DEVELOPMENT OF THE MAXIMUM CAPACITY FEE FOR A 5/8-INCH METER EQUIVALENT:

System Asset Values Allocated to New Customers	
<i>System Asset Values Allocated to New Customers</i>	
Existing System Buy-In (1)	\$ 1,332,583
Future System Expansion (2)	205,821
Total: Existing & Future System Costs	\$ 1,538,404
<i>Adjustments to Cost Basis Allocated to New Customers:</i>	
Cash Reserves	\$ 424,382
Outstanding Long-Term Debt (Principal)	(368,878)
Total: Adjustments to Cost Basis	\$ 55,505
Total Adjusted Cost Basis for New Customers	\$ 1,593,909

Summary of Costs Allocated to Capacity Fees	Adjusted System Cost Basis	Increase in 5/8-inch meter equivalents (thru 2021) (3)	Maximum Base Capacity Fee
Maximum Potable Water Capacity Per 5/8-inch meter	\$ 1,593,909	433	\$ 3,685

1. Refer to Exhibits 2 and 3 for detail of existing assets.
2. Refer to Exhibit 5 for detail related to planned assets.
3. Refer to Exhibit 1 (Demographics) for growth projections.

ROWLAND WATER DISTRICT
Water Capacity Fee Analysis
Water Fee Classification and Calculation of Maximum Fee

EXHIBIT 7

WATER CAPACITY FEES BASED ON METER SIZE:

Meter Size	Equivalency Factor		Maximum Unit Cost (\$/5/8-inch meter)	Maximum Potable Capacity Fee Per Meter
	Maximum Continuous Flow (gpm) (1)	Equivalency to 5/8 inch meter		
1 Inch	50	1.00	\$3,685	\$3,685
1 1/2 Inch	100	5.00	\$3,685	\$18,424
2 Inch	160	8.00	\$3,685	\$29,478
3 Inch	320	16.00	\$3,685	\$58,956
4 Inch	500	25.00	\$3,685	\$92,118
6 Inch	1,000	50.00	\$3,685	\$184,237
8 Inch	1,600	80.00	\$3,685	\$294,779
10 Inch	4,200	210.00	\$3,685	\$773,794
12 Inch	5,300	265.00	\$3,685	\$976,455

1. Source: AWWA M1, Table B-1. Assumes displacement meters for 1" through 2",
 Compound Class I for 3" through 8" and Turbine Class II for 10" through 12" meters.

APPENDIX B: TABLES FROM THE CONSTRUCTION RATE ANALYSIS

ROWLAND WATER DISTRICT
 WATER RATE STUDY
 Construction Rate Analysis

CONSTRUCTION METER FEE DEVELOPMENT:

Administrative Fee for New Customers	Labor Hours	Labor Cost per hour	Charge to Customer
Application Processing	0.5	\$56.40	\$28.20
Opening Account	0.5	\$56.40	\$28.20
Meter Installation	1.5	\$56.40	\$84.60
Service Truck	1.5	\$20.00	\$30.00
Total Administrative Fee			\$171.00

Meter Move Fee	Labor Hours	Labor Cost per hour	Charge to Customer
Cost of Moving Meter	1.0	\$56.40	\$56.40
Service Truck	1.0	\$20.00	\$20.00
Total Meter Move Fee (cost per hour)			\$76.40

Monthly Meter Fee	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
<u>Meter Rental Fee Component</u>					
Cost of Construction Meter ¹	\$2,485.00	\$2,559.55	\$2,636.34	\$2,715.43	\$2,796.89
Useful life (years)	5	5	5	5	5
Assumed Annual Cost Inflation	3%	3%	3%	3%	3%
Estimated Replacement Cost (in 5 years ²)	<u>\$2,880.80</u>	<u>\$2,967.22</u>	<u>\$3,056.24</u>	<u>\$3,147.92</u>	<u>\$3,242.36</u>
Monthly Meter Rental Fee Component	\$48.01	\$49.45	\$50.94	\$52.47	\$54.04
<u>Customer Component</u>					
Standard Meter Customer Costs ³	\$2.31	\$2.49	\$2.67	\$2.81	\$2.95
Total Monthly Meter Fee	\$50.32	\$51.94	\$53.61	\$55.28	\$56.99

1. Per District's source file: Backflow & Recycled Water Fees.xlsx.

2. 5 year useful life of construction meters provided by District staff.

3. Per December 2016 Water Rate Study.

ROWLAND WATER DISTRICT
 WATER RATE STUDY
 Construction Rate Analysis

CONSTRUCTION METER POTABLE VOLUMETRIC RATES:

Potable Water Cost ¹	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
Total Revenue Requirement	\$ 20,444,439	\$ 22,087,660	\$ 23,862,956	\$ 25,181,385	\$ 26,572,656
Less: Zonal Costs	\$ (265,144)	\$ (277,829)	\$ (291,129)	\$ (305,075)	\$ (319,697)
Net Revenue Requirement from Potable Rates	\$ 20,179,295	\$ 21,809,831	\$ 23,571,827	\$ 24,876,310	\$ 26,252,959
Estimated Consumption	4,040,437	4,060,639	4,080,942	4,101,347	4,121,854
Average Cost of Potable Water (\$/hcf)	\$4.99	\$5.37	\$5.78	\$6.07	\$6.37

Zonal Surcharges (\$/hcf) ¹	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
Zone 2	\$0.15	\$0.16	\$0.16	\$0.17	\$0.18
Zone 3	\$0.32	\$0.33	\$0.34	\$0.36	\$0.37
Zone 4	\$0.76	\$0.79	\$0.83	\$0.86	\$0.90
Zone 5	\$1.06	\$1.10	\$1.15	\$1.20	\$1.25
Zone 6	\$1.51	\$1.57	\$1.64	\$1.71	\$1.78

Construction Water Cost (\$/hcf)	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
Zone 1	\$4.99	\$5.37	\$5.78	\$6.07	\$6.37
Zone 2	\$5.15	\$5.53	\$5.94	\$6.24	\$6.55
Zone 3	\$5.31	\$5.70	\$6.12	\$6.42	\$6.74
Zone 4	\$5.75	\$6.16	\$6.60	\$6.93	\$7.27
Zone 5	\$6.05	\$6.48	\$6.93	\$7.27	\$7.62
Zone 6	\$6.50	\$6.94	\$7.42	\$7.77	\$8.15

CONSTRUCTION METER RECYCLED VOLUMETRIC RATES:

Recycled Water Cost ¹	Effective Date				
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021
Total Revenue Requirement	\$ 880,174	\$ 1,017,490	\$ 1,162,727	\$ 1,316,252	\$ 1,432,392
Estimated Consumption (hcf)	319,290	329,556	340,152	351,088	351,088
Average Cost of Recycled Water (\$/hcf)²	\$2.76	\$3.09	\$3.42	\$3.75	\$4.08

1. Per December 2016 Water Rate Study.

2. Cost of recycled water assumes consumption is all in Zone 1.

ROWLAND WATER DISTRICT
 WATER RATE STUDY
 Construction Rate Analysis

UPDATED FEE SCHEDULE:

Updated Construction Customer Fee Schedule	Effective Date					Explanation of Fee
	6/1/2017	1/1/2018	1/1/2019	1/1/2020	1/1/2021	
One-Time Fees						
Construction Meter Deposit	\$2,485.00	\$2,559.55	\$2,636.34	\$2,715.43	\$2,796.89	[1]
Administrative Fee	\$171.00	\$176.13	\$181.41	\$186.86	\$192.46	[2]
Meter Move Fee (cost per hour)	\$76.40	\$78.69	\$81.05	\$83.48	\$85.99	[3]
Monthly Fees						
Fixed Charges (\$/meter)						
Monthly Meter Fee	\$50.32	\$51.94	\$53.61	\$55.28	\$56.99	[4]
Volumetric Charges (\$/hcf)						
Potable Water - Zone 1	\$4.99	\$5.37	\$5.78	\$6.07	\$6.37	[5]
Potable Water - Zone 2	\$5.15	\$5.53	\$5.94	\$6.24	\$6.55	[6]
Potable Water - Zone 3	\$5.31	\$5.70	\$6.12	\$6.42	\$6.74	[6]
Potable Water - Zone 4	\$5.75	\$6.16	\$6.60	\$6.93	\$7.27	[6]
Potable Water - Zone 5	\$6.05	\$6.48	\$6.93	\$7.27	\$7.62	[6]
Potable Water - Zone 6	\$6.50	\$6.94	\$7.42	\$7.77	\$8.15	[6]
Recycled Water	\$2.76	\$3.09	\$3.42	\$3.75	\$4.08	[7]

Explanation of Fee:

- [1] Based on cost of replacing the meter in the current year, if it is not returned.
 [2] Based on labor time and cost for: processing application, opening account and installing meter. Assumes 3% inflation per year.
 [3] Based on labor time and cost for moving the meter from one location to another.
 [4] Based on replacement cost of meter (assumes a useful life of 5 years), plus standard customer costs.
 [5] Based on average cost of potable water, per December 2016 Rate Study.
 [6] Based on average cost of potable water, plus zonal surcharge. Per December 2016 Rate Study.
 [7] Based on average cost of recycled water, per December 2016 Rate Study.

Tab

2.4



RESOLUTION NO. 5-2017

**ROWLAND WATER DISTRICT
RESOLUTION OF THE BOARD OF DIRECTORS
ADOPTING MISCELLANEOUS RATES, FEES AND PENALTIES**

WHEREAS, Rowland Water District (the “District”) is organized and operates pursuant to the County Water District Law, commencing with Section 30000 of the California Water Code (the County Water District Law”); and

WHEREAS, the District is the purveyor of potable water and recycled water services within its service area; and

WHEREAS, pursuant to the County Water District Law, the District has the authority to establish and impose fees to recover the costs of providing various services and regulatory activities that it provides within the District’s boundaries, and penalties for violations of any of its Rules and Regulations for Potable and Recycled Water Service (the “Rules and Regulations”); and

WHEREAS, the District has determined that the costs of providing certain miscellaneous services has increased and that it is appropriate to increase the rates for such fees and to amend the District’s Rules and Regulations to reflect such rate increases; and

WHEREAS, the District retained NBS to prepare a report demonstrating the reasonable costs of providing potable and recycled water service to construction customers within the District; and

WHEREAS, based on the findings set forth in NBS’ report, the District has further determined to impose rates and fees for potable and recycled water service to construction customers, including one-time fees and monthly potable and recycled water rates, who connect to the potable and recycled water system on a temporary basis; and

WHEREAS, the District has further determined that it is appropriate to increase the rates of certain penalties imposed pursuant to its Rules and Regulations and amend such Rules and Regulations to reflect such increases.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Rowland Water District as follows:

- Section 1. The matters set forth in the recitals to this Resolution are true and correct statements and by this reference incorporated herein and made findings and determinations of the Board of Directors.

Section 2. The Board of Directors of the District has been presented with data showing the estimated reasonable costs of providing certain services for which the fees set forth in Exhibit A are imposed and the revenue sources available to recover the costs of providing such services. The fees and penalties set forth in Exhibit A are imposed in accordance with the District's Rules and Regulations.

Section 3. The Board of Directors called a public hearing for May 16, 2017, at 6:00 p.m., at the office of the District for the purpose of receiving public comments to the proposed fees and penalties. Notice of the public hearing was given by publication in a newspaper of general circulation within the District once a week for two weeks commencing at least fourteen (14) days prior to the public hearing, with at least 5 days intervening between the first and last publication. On May 16, 2017, at the time and place set for the public hearing, the Board heard and considered all oral and written presentations and comments made regarding the proposed fees and penalties.

Section 4. The Board of Directors finds and determines that:

(a) The fees established by this Resolution:

(1) are imposed for a specific government service provided directly to the payer, or for reasonable regulatory costs of the District for issuing licenses and permits, performing investigations, inspections, and administrative enforcements of the District's Rules and Regulations;

(2) are no more than necessary to cover the reasonable costs of the governmental activity for which the fee is imposed; and

(3) the manner in which those costs are allocated to a payor bear a fair or reasonable relationship to the payor's burdens on, or benefits received from, the governmental activity for which the fee or is imposed.

(b) The penalties established by this Resolution are imposed pursuant to the District's Rules and Regulations.

(c) The fees and penalties are not taxes within the meaning of California Constitution article XIII C, section 1(e).

Section 5. (a) The Board of Directors hereby finds that the administration, operation, maintenance, and improvements of the potable water and recycled water systems, which are to be funded by the fees, are necessary to maintain potable water and recycled water service within the District's existing service area. The Board further finds that the administration, operation, maintenance, and improvements of the potable water and

recycled systems, to be funded by the fees will not expand the potable water or recycled water system. The Board further finds that the fees are necessary and reasonable to fund the administration, operation, maintenance, and improvements of the potable water and recycled water systems. Based on these findings, the Board hereby determines that this Resolution as it pertains to the fees or penalties is exempt from the requirements of CEQA pursuant to California Public Resources Code section 21080(b)(8) and State CEQA Guidelines section 15273(a).

(b) The documents and materials that constitute the record of proceedings on which these findings have been based are located at 3021 Fullerton Road, Rowland Heights, California. The custodian for these records is the Secretary of the Board.

Section 6. The rates for the fees and penalties set forth in Exhibit A are hereby adopted and shall take effect on the dates set forth in Exhibit A. The General Manager of the District is hereby authorized and directed to take all actions necessary to: (a) effectuate the authorizations set forth herein; (b) collect all such fees and penalties at the rates and in the amounts set forth in Exhibit A; and (c) revise the District's Rules and Regulations to reflect the changes to the rates for the fees and penalties set forth in Exhibit A and adopted herein.

Section 7. If any section, subsection, clause or phrase in this Resolution No. 5-2017 or the application thereof to any person or circumstances is for any reason held invalid, the validity of the remainder of this Resolution No. 5-2017 or the application of such provision to other persons or circumstances shall not be affected thereby. The Board hereby declares that it would have passed this Resolution No. 5-2017 and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses, or phrases or the application thereof to any person or circumstance be held invalid.

Section 8. To the extent that this Resolution No. 5-2017 and the rates for the fees and penalties set forth herein are inconsistent with any prior resolution, ordinance, Rules and Regulations, or actions of the Board, it is the explicit intention of the Board that this Resolution No. 5-2017 shall prevail.

Section 9. This Resolution shall take effect immediately upon adoption.

ADOPTED at a regular meeting of the Board of Directors of the Rowland Water District held on May 16, 2017, by the following vote, to wit;

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

TOM COLEMAN
Board Secretary

SZU PEI LU-YANG
Board President

**EXHIBIT A
Schedule of Miscellaneous Fees and Penalties**

Fee or Penalty (Effective June 1, 2017)	Amount
Application Fee	\$45.00
Termination Notice Fee (Door Hanger)	\$45.00
Turn On/Turn Off Fee	\$90.00
Reconnection Fee – After Business Hours	\$115.00
Tampering Penalty	\$200.00
Meter Test Deposit	\$240.00
Cross Connection Control Administration Fee (Per Year/Per Unit)	\$10.00
Cross Connection Control Delinquent Notice Fee	\$10.00
Cross Connection Control Termination Notice Fee	\$45.00
Cross Connection Control Turn Off/Turn On Fee – During Business Hours	\$90.00
Cross Connection Control Plan Check/Inspection Fee	\$350.00
Fee For Each Additional Cross Connection Control Assembly	\$30.00
Recycled Water Plan Check/Inspection Fee	\$710.00
Fire Flow Test Fee	\$350.00

CONSTRUCTION METER FEE SCHEDULE

Effective Date	June 1, 2017	Jan. 1, 2018	Jan. 1, 2019	Jan. 1, 2020	Jan. 1, 2021
Construction Meter Deposit	\$2,485.00	\$2,560.00	\$2,636.00	\$2,715.00	\$2,797.00
Administration Fee- Construction Meter	\$171.00	\$176.00	\$181.00	\$187.00	\$192.00
Monthly Rental Fee Construction Meter	\$50.00	\$52.00	\$54.00	\$55.00	\$57.00
Relocate Construction Meter (cost per hour)	\$76.00	\$79.00	\$81.00	\$83.00	\$86.00

CONSTRUCTION POTABLE/RECYCLED WATER RATE (\$/HCF)

Effective Date	June 1, 2017	Jan. 1, 2018	Jan. 1, 2019	Jan. 1, 2020	Jan. 1, 2021
Construction Rate-Potable					
Zone 1	\$4.99	\$5.37	\$5.78	\$6.07	\$6.37
Zone 2	\$5.15	\$5.53	\$5.94	\$6.24	\$6.55
Zone 3	\$5.31	\$5.70	\$6.12	\$6.42	\$6.74
Zone 4	\$5.75	\$6.16	\$6.60	\$6.93	\$7.27
Zone 5	\$6.05	\$6.48	\$6.93	\$7.27	\$7.62
Zone 6	\$6.50	\$6.94	\$7.42	\$7.77	\$8.15
Construction Rate-Recycled	\$2.76	\$3.09	\$3.42	\$3.75	\$4.08

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2.5



RESOLUTION NO. 5.1-2017

**ROWLAND WATER DISTRICT
RESOLUTION OF THE BOARD OF DIRECTORS
ADOPTING RATES FOR A POTABLE WATER CAPACITY FEE,
AND TAKING CERTAIN OTHER ACTIONS RELATING THERETO**

WHEREAS, the Rowland Water District (“District”) is organized and operates pursuant to the County Water District Law, commencing with Section 30000 of the California Water Code (the “County Water District Law”); and

WHEREAS, pursuant to California Government Code section 66013, the District is authorized to impose capacity charges for public facilities in existence at the time the charge is imposed or for new facilities to be acquired or constructed in the future that are of proportional benefit to the person or property being charged, including supply or capacity contracts for rights or entitlements, real property interests, and entitlements and other rights of the District involving capital expense relating to its use of existing or new public facilities; and

WHEREAS, the District has made significant investments in its potable water system, and will be making additional in the future to ensure there is sufficient capacity in its system to serve all customers connected to its potable water system; and

WHEREAS, the District is considering the adoption of new rates for its “Potable Water Capacity Fee” pursuant to California Government Code Section 66013, to fund potable water capital improvements; and

WHEREAS, the proposed Potable Water Capacity Fee is a “Capacity Charge” within the meaning of California Government Code Section 66013; and

WHEREAS, the District retained NBS for the purpose of preparing a Potable Water Capacity Fee Study and Construction Rate Analysis (the “Fee Study”), analyzing the District’s existing potable water assets, in addition to future capital improvement plans necessary to offset the impacts of future development on the District’s water system, which Fee Study is on file with the District and available for inspection; and

WHEREAS, the District Board of Directors has reviewed the data and recommendations prepared by NBS, and has determined that: (1) the rates for the Potable Water Capacity Fee do not exceed the estimated reasonable cost of the services and facilities for which a Potable Water Capacity Fee will be imposed; and (2) the allocation of those costs are fair or reasonable in relationship to the burdens on, or benefits that those who pay a Potable Water Capacity Fee will receive from such services and facilities; and

WHEREAS, a Potable Water Capacity Fee will be imposed on any property or any person requesting a new, additional, or larger connection to the District's potable water system, and the amount of the Potable Water Capacity Fee imposed shall be equal to the reasonable cost of providing the service for which the Potable Water Capacity Fee will be charged, as determined by the size of the meter serving the property and as forth in this Resolution; and

WHEREAS, the District has complied with the procedural requirements as set forth in Government Code Section 66016; and

WHEREAS, the District's Board of Directors has carefully reviewed the Fee Study and has considered the public and Board of Directors' comments, and the oral and written presentation by the District's staff made at the May 16, 2017 public meeting, as well as any written public comments.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Rowland Water District as follows:

Section 1. The matters set forth in the recitals to this Resolution are true and correct statements and by this reference incorporated herein and made findings and determinations of the Board of Directors.

Section 2. (a) The District, as lead agency under the California Environmental Quality Act ("CEQA"), has evaluated the potential environmental impacts of the proposed rates and Potable Water Capacity Fee. As the decision making body for the District, the Board of Directors has reviewed and considered the information contained in the administrative record for the adoption of the proposed rates for the Potable Water Capacity Fee.

(b) The Board of Directors finds that the proposed rates and Potable Water Capacity Fee are intended to fund capital improvement projects related to the District's need to finance capital improvements necessary to serve a new development and to provide equity between new development and existing customers. The proposed rates and fee do not commit the District to approve any particular project, program, or capital improvement, but will be placed in a separate fund for potential future projects. The proposed rates and Potable Water Capacity Fee are in response to the District's projected need for additional facilities and infrastructure to provide services to new development. Any activities, including infrastructure improvements, to be funded by Potable Water Capacity Fees will be subject to future environmental review under CEQA, as applicable, prior to District approval.

(c) The Board of Directors therefore finds the proposed rates and Potable Water Capacity Fee are not subject to environmental review under CEQA. First, the proposed rates and Potable Water Capacity Fee, in and of themselves, do not have potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical

change in the environment and therefore are not considered a “project” under CEQA. (Pub. Resources Code, § 21065, 14 Cal. Code Regs., § 15378, subd. (a).) Second, the Potable Water Capacity Fees are covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment; here, there is no possibility that the proposed rates and Potable Water Capacity Fee, in and of themselves, may have a significant effect on the environment. (14 Cal. Code Regs., § 15061, subd. (b)(3).) And third, the proposed rates and Potable Water Capacity Fee are considered a government funding mechanism that does not involve any commitment on behalf of the District to any specific project which may result in a potentially significant physical impact on the environment. (14 Cal. Code Regs., § 15378, subd. (b)(4).)

(d) The determination that the proposed rates and Potable Water Capacity Fee are not subject to CEQA review reflects the Board of Directors’ independent judgment and analysis.

(e) The documents and materials that constitute the record of proceedings on which these findings have been based are located at the offices of the District, 3021 Fullerton Road, Rowland Heights, California. The custodian for these records is the Secretary of the Board of Directors of the District.

Section 3. The Board of Directors hereby adopts the Potable Water Capacity Fee at the rates set forth below:

Meter Size	Maximum Rates for Potable Water Capacity Fees (Effective June 1, 2017)
1 inch	\$3,685
1 1/2 inch	\$18,424
2 inch	\$29,478
3 inch	\$58,956
4 inch	\$92,118
6 inch	\$184,237
8 inch	\$294,779
10 inch	\$773,794
12 inch	\$976,455

Section 4. A Potable Water Capacity Fee shall be imposed on any property or any person requesting a new, additional, or larger connection to the District’s potable water system, and the amount of the Potable Water Capacity Fee imposed shall vary in accordance with the size of the meter serving the property, and shall equal the reasonable cost of providing the service for which the Potable Water Capacity Fee is imposed.

Section 5. On January 1, 2018, and each January 1 thereafter, the rates for the Potable Water Capacity Fee set forth in Section 3 above may be adjusted for inflation each year using the Handy-Whitman Index for that year.

Section 6. To the extent that the rates for the Potable Water Capacity Fee established by this Resolution are inconsistent with any rates, fees or charges previously adopted by the District, it is the explicit intention of the Board of Directors of the District that the rates for the Potable Water Capacity Fee adopted in this Resolution shall prevail.

Section 7. If any section, subsection, clause or phrase in this Resolution or the application thereof to any person or circumstances is for any reason held invalid, the validity of the remainder of this Resolution or the application of such provisions to other persons or circumstances shall not be affected thereby. The Board hereby declares that it would have passed this Resolution and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses or phrases or the application thereof to any person or circumstance be held invalid.

Section 8. The General Manager of the District is authorized and directed to take all actions necessary to implement the new rates for the Potable Water Capacity Fee effective June 1, 2017, and to file a Notice of Exemption for the Potable Water Capacity Fee with the County Clerk for the County of Los Angeles within five working days of the date of the adoption of this Resolution.

Section 9. This Resolution shall take effect immediately.

ADOPTED at a regular meeting of the Board of Directors of the Rowland Water District held on May 16, 2017, by the following vote, to wit:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

TOM COLEMAN
Board Secretary

SZU PEI LU-YANG
Board President

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RESOLUTION NO. 5.2-2017

ROWLAND WATER DISTRICT

**RESOLUTION OF THE BOARD OF DIRECTORS
COMMENDING RICK HANSEN FOR FORTY YEARS OF SERVICE
TO THREE VALLEYS MUNICIPAL WATER DISTRICT AND TO ITS
RETAIL WATER AGENCY ROWLAND WATER DISTRICT**

WHEREAS, Three Valleys Municipal Water District was formed in 1950 to join the Metropolitan Water District and serves as the wholesale water provider to the Rowland Water District; and

WHEREAS, Rick Hansen joined Three Valleys Municipal Water District in 1977 and has served as the General Manager/Chief Engineer since 1981; and

WHEREAS, under Rick Hansen's supervision, construction of the Miramar Treatment Plant and Transmission Pipeline which provides a source of water to the Rowland Water District was completed in 1987; and

WHEREAS, through Rick Hansen's leadership he has promoted the development of local supplies to increase supply reliability throughout the region.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Rowland Water District, as follows:

The ROWLAND WATER DISTRICT hereby commends Rick Hansen for his dedicated service to the Three Valleys Municipal Water District, Rowland Water District and the water industry as a whole.

The ROWLAND WATER DISTRICT thanks RICK HANSEN for his public service and for the time and effort devoted on behalf of the ROWLAND WATER DISTRICT.

ADOPTED this 16th day of May, 2017, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

TOM COLEMAN
Board Secretary/General Manager

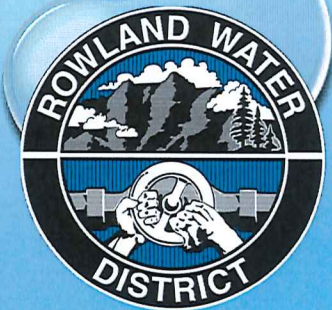
SZU PEI LU-YANG
Board President

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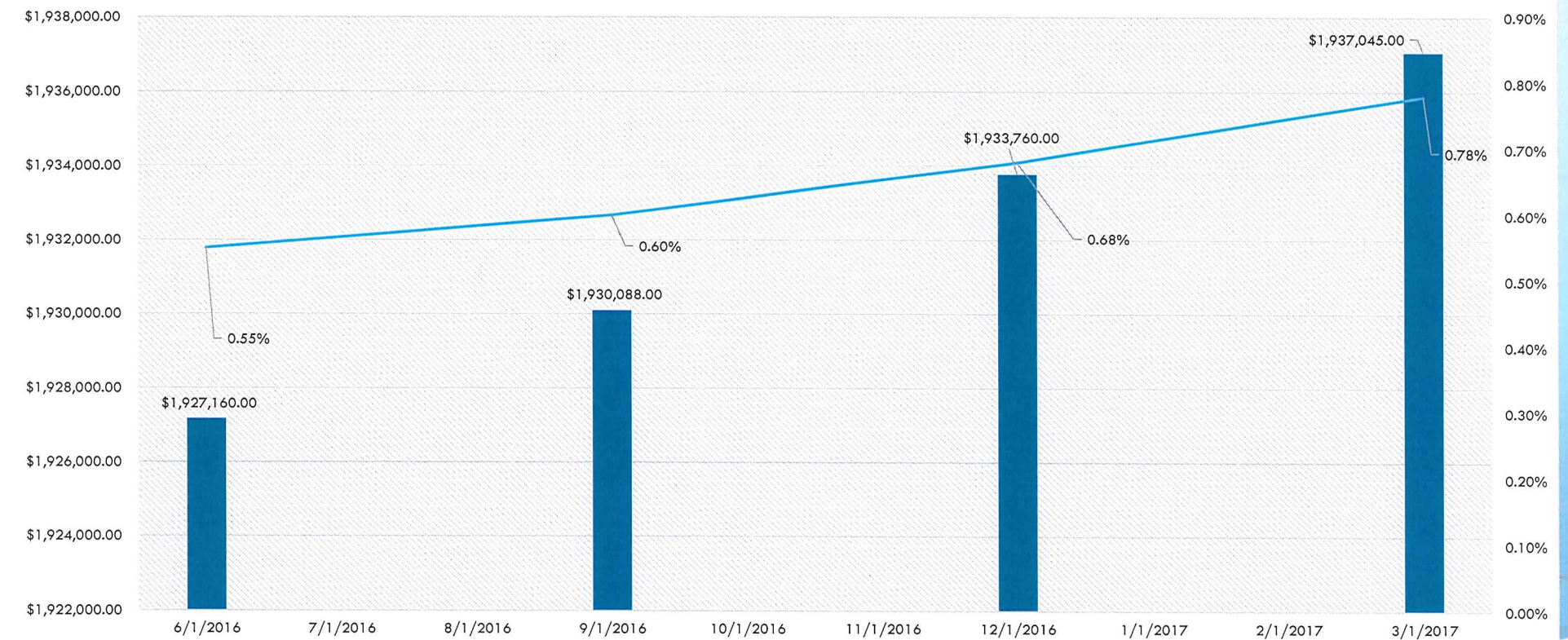
QUARTERLY INVESTMENT REVIEW

MARCH 31, 2017



LOCAL AGENCY INVESTMENT FUND

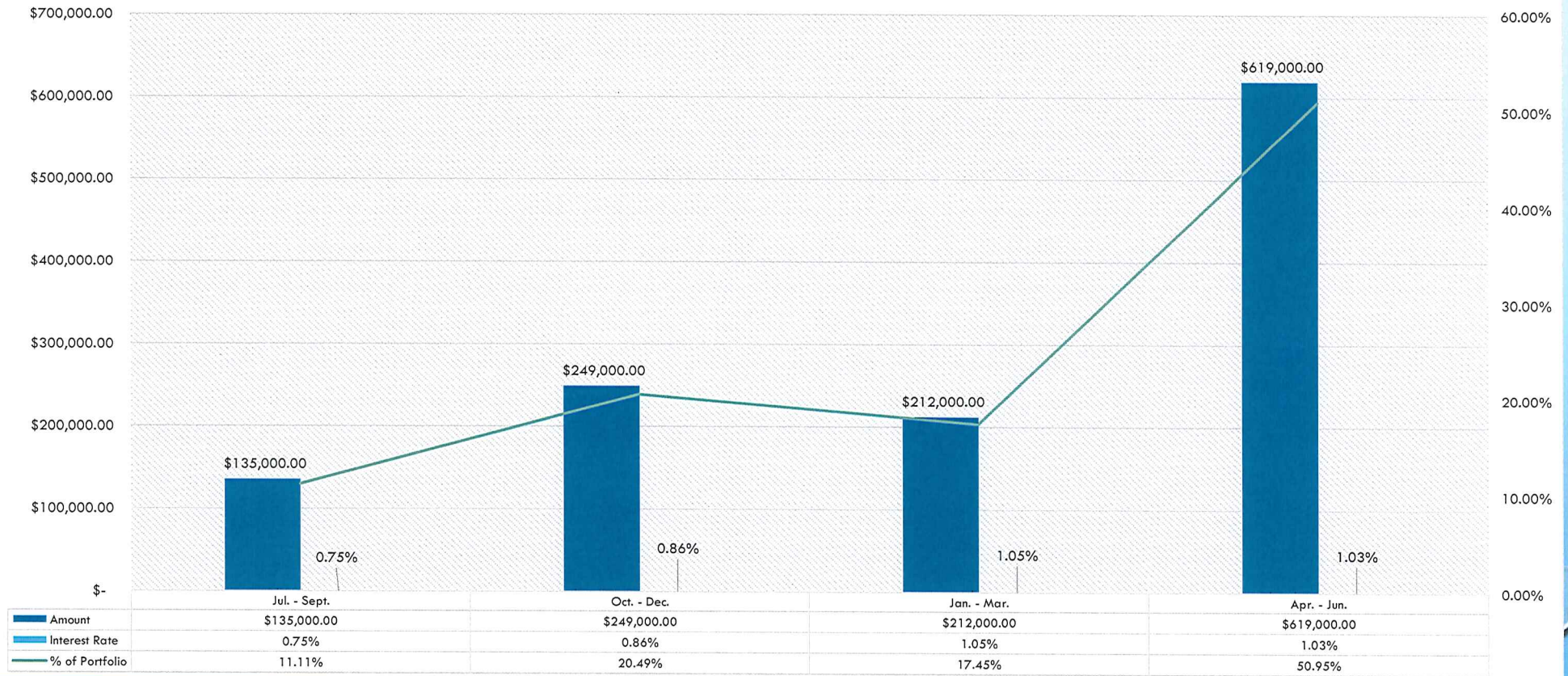
LAIF VALUE = \$1,937,045.00



	6/30/2016	9/30/2016	12/31/2016	3/31/2017
Account Balance	\$1,927,160.00	\$1,930,088.00	\$1,933,760.00	\$1,937,045.00
Interest Rate	0.55%	0.60%	0.68%	0.78%

CD PLACEMENT PROGRAM

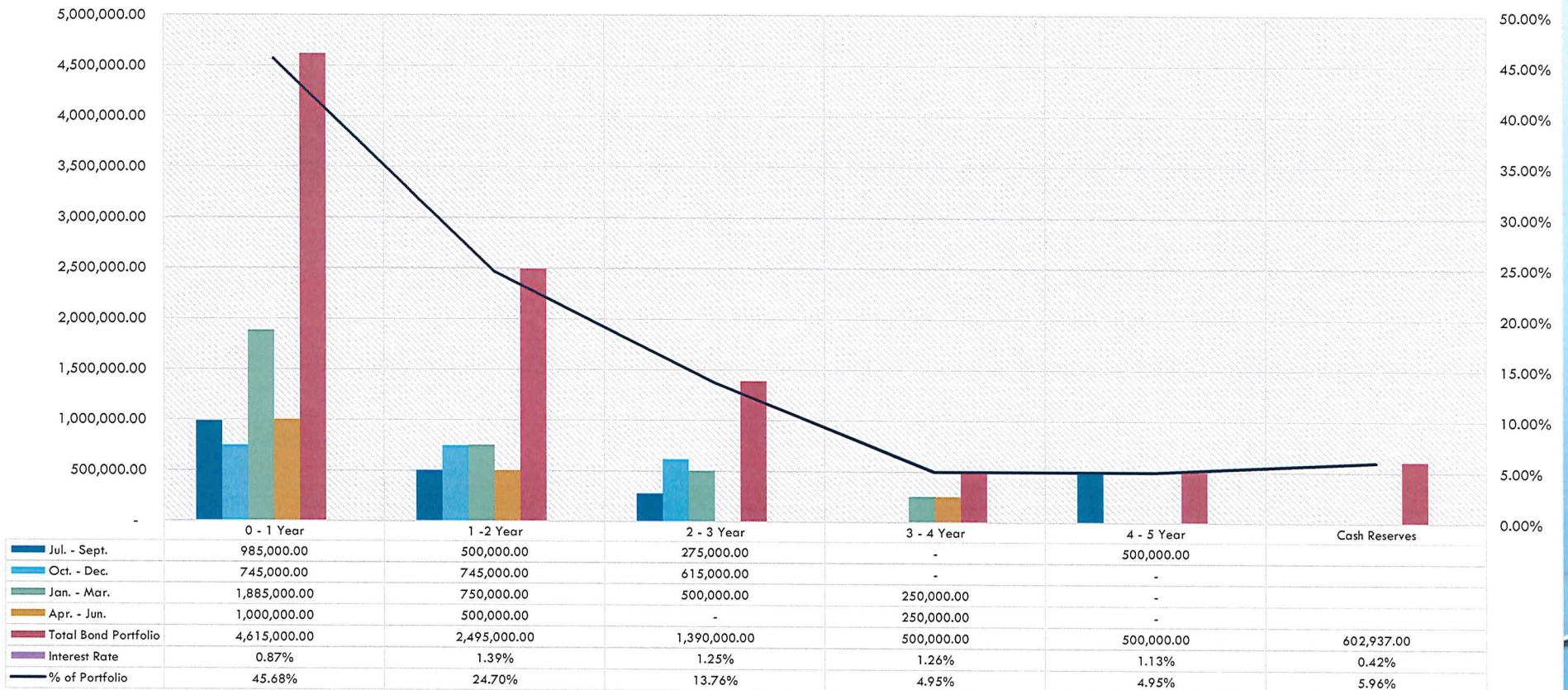
CD PLACEMENT VALUE = \$1,215,000.00



*CD Placement Value \$2,190,000.00 on 12/31/2016

FIXED INCOME PORTFOLIO

FIXED INCOME VALUE = \$10,102,937.00



*Fixed Income Value \$12,495,477.00 on 12/31/2016

ROWLAND WATER DISTRICT WATER IN-STORAGE

DATE	ACRE FEET	AMOUNT	TOTAL
November 30, 2016	994.5	596.00	592,722.00
December 31, 2016	410.1	594.00	243,599.00
December 31, 2016	4,595.5	596.00	2,738,888.00
Totals	6,000.1		\$3,575,209.00

ROWLAND WATER DISTRICT PORTFOLIO SUMMARY

UNRESTRICTED

• LOCAL AGENCY INVESTMENT FUND	\$1,937,045.00
• CD PLACEMENT PORTFOLIO	\$1,215,000.00
• FIXED INCOME PORTFOLIO	\$10,102,937.00

RESTRICTED

• GASB 45 OPEB TRUST	\$2,807,595.00
• REVENUE BOND FUND	\$8,379,615.00

WATER IN-STORAGE

• RWD CYCLIC STORAGE	\$3,575,209.00
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TOTALS:	\$28,017,401.00
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PUENTE BASIN WATER AGENCY WATER IN-STORAGE

DATE	ACRE FEET	AMOUNT	TOTAL
June 30, 2009	1,889.0	261.00	493,029.00
February 15, 2011	(900.0)	484.00	(435,600.00)
November 30, 2011	363.1	527.00	191,354.00
December 31, 2011	1,636.9	527.00	862,646.00
October 31, 2012	112.5	560.00	63,000.00
November 30, 2012	1,887.5	560.00	1,057,000.00
September 24, 2015	1,046.5	593.00	620,575.00
October 31, 2015	434.2	582.00	252,704.00
January 31, 2016	819.5	587.00	481,047.00
Totals	7,289.2	Average Cost \$520.00	\$3,585,755.00

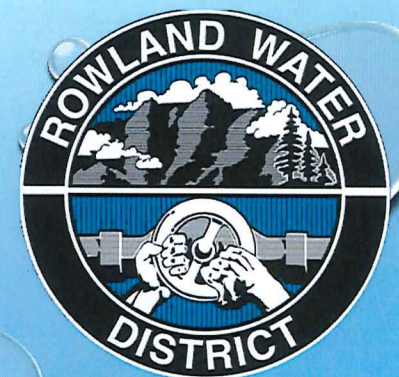
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STATEMENT OF OPERATIONS

ROWLAND WATER DISTRICT

JULY 1, 2016 – MARCH 31, 2017



NET INCOME SUMMARY

Summary	3/31/2017	3/31/2016	Budget FY 16-17	% of Budget
Total Revenues	14,089,001.00	13,657,952.00	20,760,000.00	67.87%
Operating Expenses	10,126,182.00	10,452,934.00	13,970,000.00	72.49%
Administrative Expenses	957,594.00	874,265.00	1,075,000.00	89.08%
Personnel Expenses	3,154,980.00	3,052,385.00	4,620,000.00	68.29%
Total Expenses	14,238,756.00	14,379,584.00	19,665,000.00	53.92%
Net Income	(149,755.00)	(721,632.00)	1,095,000.00	-13.68%

REVENUE SUMMARY

Categories	3/31/2017	3/31/2016	Budget FY 16-17	% of Budget
Water Sales (Potable)	8,631,650.00	8,360,942.00	12,850,000.00	67.17%
Water Sales (Recycled)	358,452.00	412,087.00	550,000.00	65.16%
Meter Service Charge	4,325,978.00	4,115,282.00	6,400,000.00	67.59%
Customer Fees	191,435.00	195,641.00	250,000.00	76.57%
Property Taxes	209,686.00	199,356.00	250,000.00	83.87%
Contract Income/Services	213,142.00	166,405.00	160,000.00	133.21%
Interest Income	158,658.00	208,239.00	300,000.00	52.89%
Totals	14,089,001.00	13,657,952.00	20,760,000.00	67.87%

OPERATING EXPENSE SUMMARY

Categories	3/31/2017	3/31/2016	Budget FY 16-17	% of Budget
Water Purchases (Potable)	6,896,899.00	7,185,937.00	9,150,000.00	75.38%
Water Purchases (Recycled)	117,389.00	148,668.00	250,000.00	46.96%
Fixed Charges	246,302.00	284,674.00	330,000.00	74.64%
Debt Service Expense	1,681,947.00	1,667,722.00	2,450,000.00	68.65%
Maintenance of Water System	403,094.00	318,587.00	445,000.00	90.58%
Pumping Expense	222,707.00	208,571.00	400,000.00	55.68%
Service Contracts	249,015.00	199,774.00	275,000.00	90.55%
Operating Assessments	61,083.00	82,365.00	180,000.00	33.94%
Water Supply & Develop.	26,804.00	111,413.00	150,000.00	17.87%

OPERATING EXPENSE - CONTINUED

Categories	3/31/2017	3/31/2016	Budget FY 16-17	% of Budget
Engineering	3,250.00	11,683.00	20,000.00	16.25%
Maintenance & Operation	20,666.00	17,596.00	30,000.00	68.89%
Vehicle Expense	42,286.00	56,210.00	70,000.00	60.41%
Equipment Expense	21,365.00	21,332.00	25,000.00	85.46%
Tools & Supplies	19,251.00	24,438.00	30,000.00	64.17%
Water Tests	17,294.00	14,375.00	25,000.00	69.18%
Water Conservation	20,290.00	10,352.00	20,000.00	101.45%
Community Outreach	77,040.00	89,237.00	120,000.00	64.20%
Totals	10,126,682.00	10,452,934.00	13,970,000.00	72.49%

ADMINISTRATIVE EXPENSE SUMMARY

Categories	3/31/2017	3/31/2016	Budget FY 16-17	% of Budget
Liability Insurance	142,100.00	121,639.00	125,000.00	113.68%
Conferences	41,204.00	41,286.00	60,000.00	68.67%
Seminars and Training	48,205.00	56,243.00	70,000.00	68.86%
IT Support Services	165,722.00	182,029.00	150,000.00	110.48%
Legal Services	90,848.00	79,168.00	100,000.00	90.85%
Directors' Compensation & Benefits	93,250.00	86,623.00	125,000.00	74.60%
Bank and Management Fees	83,806.00	77,552.00	105,000.00	79.82%
Auditing	23,250.00	27,244.00	30,000.00	77.50%
Compliance	60,990.00	31,708.00	75,000.00	81.32%

ADMINISTRATIVE EXPENSE - CONTINUED

Categories	3/31/2017	3/31/2016	Budget FY 16-17	% of Budget
Utility Services	73,705.00	55,361.00	80,000.00	92.13%
Memberships	40,092.00	44,226.00	50,000.00	80.18%
Office Expenses	26,945.00	19,505.00	30,000.00	89.82%
Uncollectable	21,513.00	22,784.00	30,000.00	71.71%
Miscellaneous Expenses	45,964.00	28,897.00	45,000.00	102.14%
Totals	957,594.00	874,265.00	1,075,000.00	89.08%

PERSONNEL EXPENSE SUMMARY

Categories	3/31/2017	3/31/2016	Budget FY 16-17	% of Budget
Wages – Water Treatment	464,938.00	444,347.00	685,000.00	67.87%
Wages – Mains and Services	484,276.00	495,114.00	775,000.00	62.49%
Wages – Customer Accounts	80,548.00	45,716.00	155,000.00	51.97%
Wages – Administrative	779,630.00	747,747.00	1,100,000.00	70.88%
Payroll Taxes	127,471.00	124,219.00	180,000.00	70.82%
Health Insurance – Employees	348,129.00	351,982.00	555,000.00	62.73%
Health Insurance – Retirees	114,146.00	109,794.00	150,000.00	76.10%
CalPERS Contributions	440,842.00	418,466.00	600,000.00	73.47%
OPEB Trust Contributions	315,000.00	315,000.00	420,000.00	75.00%
Totals	3,154,980.00	3,052,385.00	4,620,000.00	68.29%

CAPITAL ASSET SUMMARY

Puente Basin Water Agency Projects	Rowland Water District Projects
<input type="checkbox"/> Cal. Domestic Water Company ❖ \$814,218.00	<input type="checkbox"/> Fullerton Grade Separation ❖ \$1,960,870.00
<input type="checkbox"/> Pomona Basin Regional Groundwater ❖ \$3,922,408.00	<input type="checkbox"/> Nogales Grade Separation ❖ \$750,693.00
<input type="checkbox"/> La Habra Heights Project ❖ \$422,523.00	<input type="checkbox"/> Tomich Booster Station ❖ \$318,007.00
Total: \$5,159,149.00	Total: \$3,029,570.00

MONTHLY RESERVE COMPARISON

Month	2016/2017	2015/2016	Increase/Decrease Prior Year
October	\$16,633,304.00	\$17,897,493.00	(\$1,264,189.00)
November	\$16,834,262.00	\$16,866,668.00	(\$32,406.00)
December	\$16,585,813.00	\$16,852,846.00	(\$267,033.00)
January	\$15,085,401.00	\$16,915,141.00	(\$1,829,740.00)
February	\$13,215,856.00	\$17,451,135.00	(\$4,235,279.00)
March	\$13,220,208.00	\$17,478,384.00	(\$4,258,176.00)

Tab

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Puente Basin Water Agency
 Source of Supply
 FY 2017-18 Budget

La Habra Heights County Water District*	Consumption	Cost per AF	Total Cost	
Joint Facilities (Average Cost per Acre-Foot)	-	\$ 131.00	\$ -	Budget Zero
Wheeling Charge	-	\$ 50.00	\$ -	
Cost of Move Water thru LHHCW	-	\$ 271.00	\$ -	
Total Purchased Water			\$ -	
Surcharge Orchard Dale	-	\$ 11.26	\$ -	
Assessments WRD	-	\$ 322.00	\$ -	
Total			\$ -	

*Costs rounded to the nearest dollar

California Domestic Water Company*	Consumption	Cost per AF	Total Cost	
Water (1st AF)	1.00	\$ 872.44	\$ 872.00	
Water (2nd AF +)	<u>799.00</u>	\$ 340.08	<u>\$ 271,724.00</u>	
	800.00		\$ 272,596.00	340.745
Assessment (\$69 per 1.55AF, or \$44.52 per AF)	800.00	\$ 44.52	<u>\$ 35,616.00</u>	
			\$ 308,212.00	
Less: Watermaster Production Assessment	800.00	\$ (45.00)	<u>\$ (36,000.00)</u>	
Total Purchased Water			\$ 272,212.00	
Annual Ready to Serve Charge (12 mo's*\$619.66)	-	\$ -	\$ 7,435.92	Readiness to serve charge
Total			\$ 279,647.92	
Surcharges - MSGBWM	800.00	\$ 65.00	\$ 52,000.00	
Untreated Water	800.00	\$ 261.00	\$ 208,800.00	Used First-In First Out Valuation for Purchased Water
Total			\$ 540,447.92	

*Costs rounded to the nearest dollar

TVMWD*

<u>Purchased Water</u>	<u>Consumption</u>	<u>Cost per AF</u>	<u>Total Cost</u>
Rowland -PM 22 (Jul - Dec) (50%)	2,500.00	\$ 979.00	\$ 2,447,500.00
Rowland -PM 22 (Jan-Jun) (50%)	2,500.00	\$ 1,015.00	\$ 2,537,500.00
			\$ 4,985,000.00
Walnut Valley Water District -PM 10,12,24 (50%)	4,600.00	\$ 979.00	\$ 4,503,400.00
Walnut Valley Water District -PM 10,12,24 (50%)	3,750.00	\$ 1,015.00	\$ 3,806,250.00
			\$ 8,309,650.00
Total Water Purchases			\$ 13,294,650.00
Rowland -PM 22 (Jul - Dec) (50%)	2,500.00	\$ 8.00	\$ 20,000.00
Rowland -PM 22 (Jan-Jun) (50%)	2,500.00	\$ -	\$ -
			\$ 20,000.00
Walnut Valley Water District -PM 10,12,24 (55%)	4,600.00	\$ 8.00	\$ 36,800.00
Walnut Valley Water District -PM 10,12,24 (45%)	3,750.00	\$ -	\$ -
*Based on total demands of 16,000 af			\$ 36,800.00
Total Surcharge			\$ 56,800.00

Total Water Purchases \$ 13,351,450.00

Fixed Charges

	<u>Jul-Dec</u>	<u>Jan-Jun</u>	<u>Total</u>
Rowland Water District			
Imported Water Use Charge	\$ 8,416.08	\$ 8,734.20	\$ 17,150.00
Connected Capacity	\$ 8,120.46	\$ 8,584.23	\$ 16,705.00
Equivalent Small Meters	\$ 10,342.38	\$ 10,726.88	\$ 21,069.00
MWD Capacity Reservation Charge	\$ 49,257.06	\$ 51,348.67	\$ 100,606.00
			\$ 155,530.00
Walnut Valley Water District			
Imported Water Use Charge	\$ 21,059.70	\$ 24,311.34	\$ 45,371.00
Connected Capacity	\$ 21,383.82	\$ 22,605.14	\$ 43,989.00
Equivalent Small Meters	\$ 18,828.78	\$ 19,603.72	\$ 38,432.00

MWD Capacity Reservation Charge	\$ 176,361.06	\$ 135,503.44	<u>\$ 311,864.00</u>
			<u>\$ 439,656.00</u>
Total Fixed Charges			\$ 595,186.00

*Costs rounded to the nearest dollar

\$ 14,487,083.92

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**Rowland Water District
Communication Strategies Update
May 16, 2017**

• **Water Shortage Communication**

- Opinion piece placed in SGV Tribune
- See attached

• **Consumer Confidence Report**

- General Manager's letter complete
- Tables and layout in process
- To be finalized and printed in May; corresponding postcards to all customers

• **Additional Releases**

- WEWAC Media Contest Winners
- Conservation Mandates Update (in process)
- Audit Review (in process)
- CCR Availability (in process)

• **District Video Update**

- Ken Deck interview shot 4/17
- Staff in process of reviewing final draft
- Final version expected mid-May

• **Miscellaneous**

- Kiwanis Club/Ribfest sponsorship
- Bill Redesign
- Website (sliders and text updated as needed)
- On-Hold Messages

• Press Releases

Date	News Story	In Process	Completed	Distributed
6/1/16	Certificate of Excellence	*****	*****	*****
6/1/16	Solar Cup	*****	*****	*****
6/27/16	CCR Availability	*****	*****	*****
7/6/16	Urban Water Management	*****	*****	*****
7/9/16	Poster Contest	*****	*****	*****
7/27/16	Level 1 Water Supply	*****	*****	*****
7/31/16	Annual Budget	*****	*****	*****
8/2/16	Conflict of Interest	*****	*****	*****
9/30/16	Customer Appreciation Week	*****	*****	*****
10/31/16	OPARC Event	*****	*****	*****
11/7/16	Santana/Solar Cup	*****	*****	*****
12/28/16	ACWA/JPIA Recognition	*****	*****	*****
1/10/17	EduBucks/Scholarships	*****	*****	*****
1/31/17	Landscape Class	*****	*****	*****
1/31/17	Rates Holding Statement	*****	*****	*****
2/7/17	Conservation Mandates	*****		
3/23/17	Fix-A-Leak Week	*****	*****	*****
3/28/17	CAPIO Submissions	*****	*****	*****
4/10/17	Audit Review	*****	*****	*****
5/1/17	CCR Availability	*****		
5/5/17	Media Contest Winners	*****	*****	*****

STATE RESTRICTIONS

It's a water shortage, not a drought

By Tom Coleman

It's true that water levels in aquifers at some farms across the state have dropped because of excessive groundwater pumping, and regulations limit the transport of more Northern California water southward. But those issues, along with more demand from an increasing population than can be met in a normal year, don't constitute a drought. They add up to a water shortage.

The evidence of this shortage has become abundantly clear this winter.

Take, for instance, the spectacle of millions of gallons of water rushing over the emergency spillway at a storm-swollen Lake Oroville.

While there is too much water in the state's second-largest reservoir, and parts of California are on track this year for historic rain and snowfall, regulators insist on maintaining emergency drought rules because groundwater levels are depleted in some regions.

Drought is determined by precipitation, and there is no shortage of that this winter. After more than five dry years,

It is imperative that the state use emergency drought regulations only when necessary.

the Sierra Nevada snowpack is nearly double the historic average for this time of year, and more storms are on the way.

Declaration of drought is tricky. There are no universal rules for when one begins or ends. But there are some important criteria.

When state water regulators declare drought, they do not address localized impacts like ranchers engaged in dryland grazing or small water systems lacking a reliable water source.

Recovery depends on reservoir levels and the abundance of spring snowmelt. Historically, California's severe, multi-year droughts have ended when statewide precipitation is about 150 percent of average.

We are there.

According to the latest

weekly report from the U.S. Drought Monitor, areas of exceptional and extreme drought have disappeared from California, down from more than 60 percent a year ago. Severe drought conditions remain in a mere 1 percent of the state, while 8 percent remains in moderate drought.

Things haven't looked this good, hydrologically speaking, since 2013.

Even our reservoirs are replenished in all areas except for Santa Barbara and Ventura counties, and aquifers in the Central Valley could be raised to near pre-drought levels by the end of this rainy season.

So why are we still in emergency drought mode, with the governor and state regulators extending restrictions on water use?

It is imperative that the state use emergency drought regulations only when necessary. Otherwise, when calls for shorter showers and drought-tolerant landscaping accompany the next drought, the public will be less willing to comply.

Under current regulations, which the state recently extended through at least May,

water districts are allowed to set their own efficiency targets for customers, based on whether they have enough supplies to withstand three years of drought. Only a handful of water providers in the state lack those long-term sources and require water-use restrictions.

California's water shortage can also be blamed on environmental regulations that hold back our full allotment from the State Water Project.

This is nothing new for Southern California, where water suppliers are adept at drought planning and storage. We have invested heavily in water efficiency and no longer require the state's oversight.

When the snowpack is at record levels, when flood plains and bypasses are brimming with water, when reservoirs are full and releasing water in anticipation of additional runoff and when surface water is plentiful, then you do not have a drought.

Let's call it what it is: a water shortage.

Tom Coleman is general manager of the Rowland Water District in Rowland Heights.



Memorandum

To: Board of Directors

From: Brittnie Van De Car
Public Affairs Representative

Date: May 16, 2017

Re: Public Affairs & Education Update

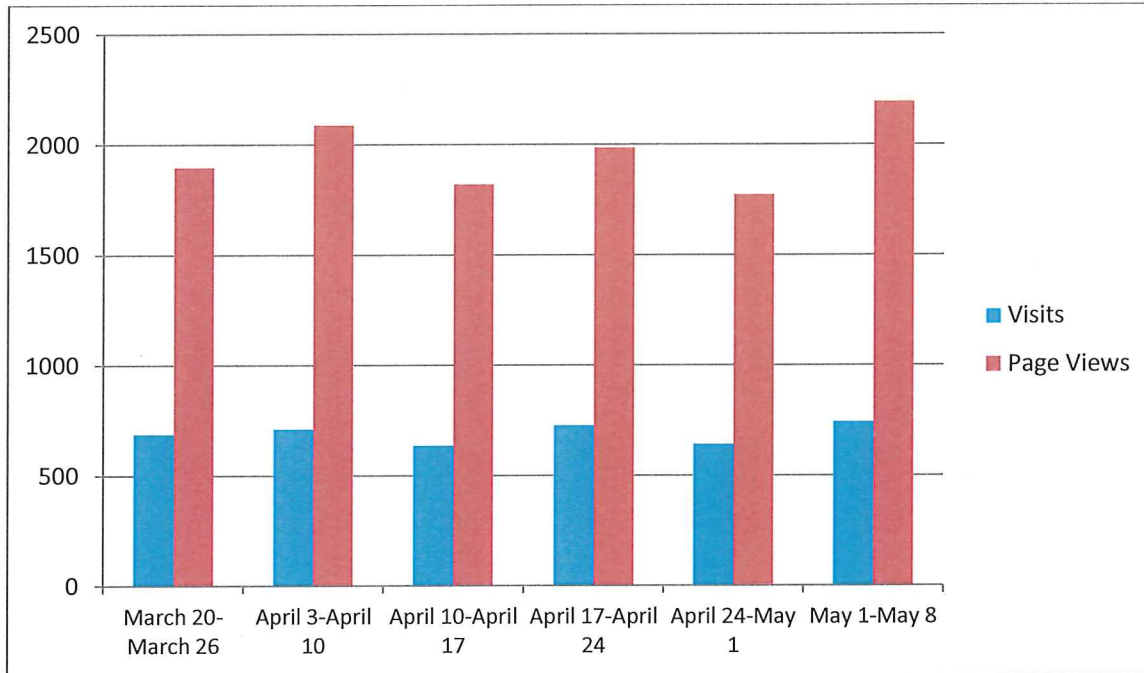
- Classroom Presentations:
 - Blandford Elementary School
 - **May 4**
 - 1st Grade
 - States of Water and Water Conservation BINGO
 - **41 Students**
- Working with Erin on press releases
- Received 500 posters for the "Water Is Life" poster contest
 - Judging 31 posters
 - Preparing certificates for all students who participated
- Presented Alvarado Intermediate 8th grade students their life size check on May 2nd for 1st place in the Broadcast and Digital Art Contest
- Marketing Sprinkler Spruce-up on the District's social media outlets
- Attending the Family Resource Center Event on May 12th at Northam Elementary School
- Created a Survey Monkey to send out to the teachers that have participated in the classroom presentations.
 - The Teacher Evaluations are anonymous and provide valuable feedback
 - The feedback is used to develop and enhance future presentations
- Keeping up-to-date with the WaterSense partnership program:
 - Printing appropriate promotional material and placing it at the Customer Service Counter for distribution to customers
 - Attending bi-monthly webinars on upcoming promotional items and programs put on by the Environmental Protection Agency (EPA) WaterSense program
 - Updating the Lobby Player on a daily/weekly basis
 - Checking the Google Analytics weekly (see attached data charts)
 - The "Website Visits and Pageviews" allows us to determine the number of **new** vs. **returning** visitors and the **source** of viewing
 - The "Pageviews" allows us to evaluate which pages on the website are viewed most frequently
 - Adding all new customer emails to Constant Contact to be utilized as a customer newsletter database
 - Creating content, ideas and layout for quarterly e-newsletter
 - Checking the District's FaceBook and Twitter page Daily
 - Have created a daily "theme" for FaceBook and Twitter
 - Have a Rowland Hashtag that is on all of our posts



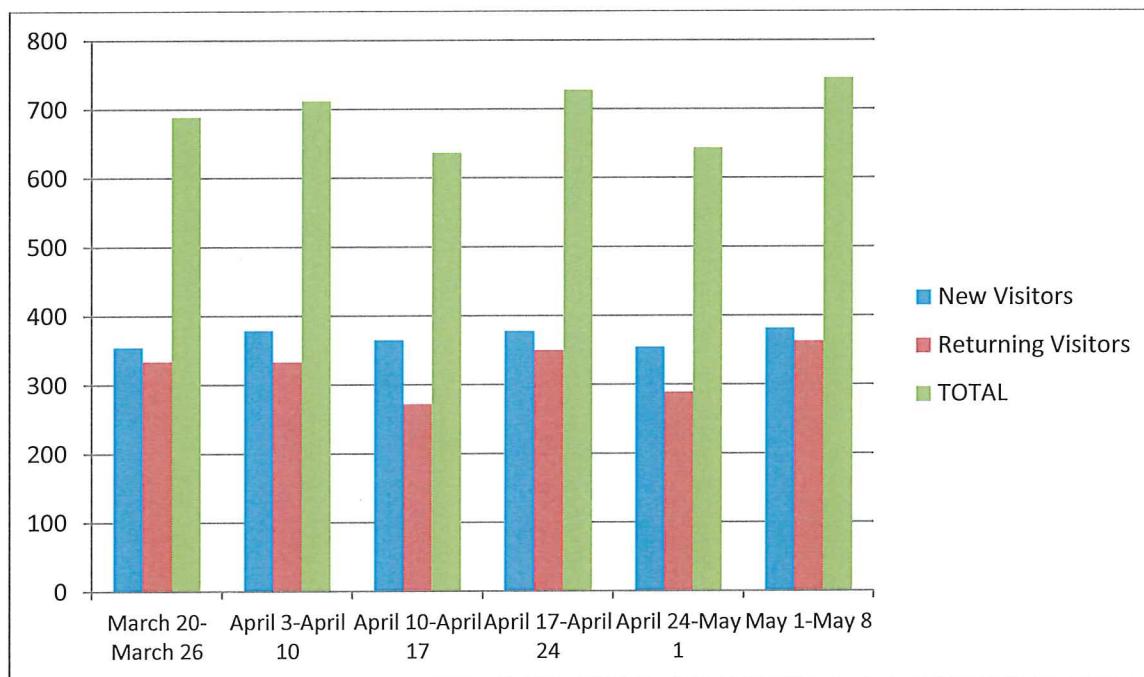
- Maintain and view District website on a daily basis
 - Update pages
 - Make relevant changes
 - Updating the Drought Monitor page weekly
 - Upload the Board packet, minutes and agendas when necessary
- Attended the monthly WEWAC meeting on Wednesday, April 26, 2017

May 2017 Website/Google Analytics

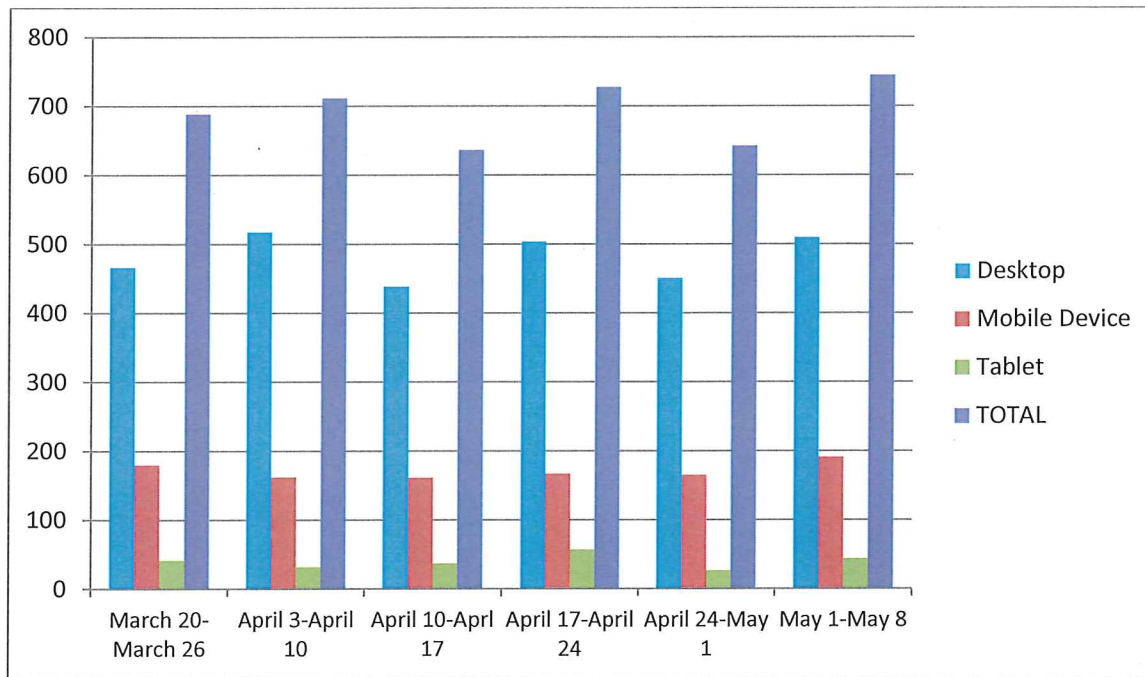
Website Visits and Pageviews



New vs. Returning Visitors



Source of Viewing

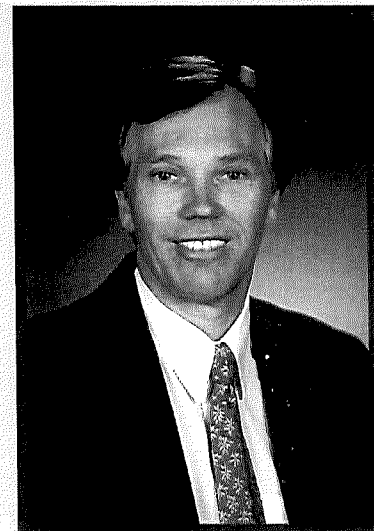


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GORDON L. JOHNSON, Chief Engineer/Group Manager, Engineering Services Group

Mr. Johnson has responsibility for all engineering functions at the Metropolitan Water District including facility planning, program management, design, construction management, and infrastructure monitoring. He manages a department of 370 engineers and technical specialists who are executing a \$1.5 billion capital improvement program. Major initiatives underway include the comprehensive rehabilitation of the 75-year-old Colorado River Aqueduct and over 800 miles of large-diameter pipelines and tunnels throughout Southern California. Other initiatives include design of a demonstration-scale advanced water treatment plant as the initial step for a potential regional recycled water system; upgrades to improve seismic resilience of Metropolitan's dams and water distribution facilities; and the addition of ozone as primary disinfectant for five regional water treatment plants.



Prior to joining Metropolitan, Mr. Johnson served as project manager with two consulting firms, with an emphasis on water treatment and environmental remediation, and served with the U. S. Public Health Service.

Mr. Johnson is a Board Certified Environmental Engineer with the American Academy of Environmental Engineers and Scientists, and is a member of the American Water Works Association and the International Ozone Association. He is a graduate of Loyola Marymount University with a B.S. in Civil Engineering and of Stanford University with a M.S. in Environmental Engineering.

"Metropolitan's Potential Regional Recycled Water Program"



THURSDAY, JUNE 8, 2017, 7:30am - 9:00am

Sheraton Fairplex Suites, 601 W. McKinley Ave.,

Pomona, CA 91768

RSVP to: (909) 621-5568

Cost is \$20 and it covers the breakfast buffet*

*Please, no payment at the door. Pre-payment preferred, or we will be happy to bill you after the event.

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COUNTY OF LOS ANGELES
BOARD OF SUPERVISORS

KENNETH HAHN HALL OF ADMINISTRATION
500 WEST TEMPLE STREET, ROOM 383
LOS ANGELES, CALIFORNIA 90012
(213) 974-1411 • FAX (213) 620-0636

LORI GLASGOW
EXECUTIVE OFFICER

MEMBERS OF THE BOARD

HILDA L. SOLIS

MARK RIDLEY-THOMAS

SHEILA KUEHL

JANICE HAHN

KATHRYN BARGER

February 15, 2017

Tom Coleman, General Manger
Rowland Water District
3021 Fullerton Road
Rowland Heights, CA 91748

Dear Mr. Coleman:

At its meeting held February 14, 2017, the Los Angeles County Board of Supervisors approved Rowland Water District's request to change its district board member elections from the first Tuesday after the first Monday in November of odd years to the first Tuesday after the first Monday in November of even years, and consolidate these elections with the Statewide General Elections conducted by the County, effective November 2018.

Sincerely,

Lori Glasgow
Executive Officer

LG:fh

c: Registrar-Recorder/County Clerk

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As a matter of proper business decorum, the Board of Directors respectfully request that all cell phones be turned off or placed on vibrate. Also, to prevent any potential distraction of the proceeding, we request that side conversations be taken outside the meeting room.

AGENDA
REGULAR BOARD MEETING
THREE VALLEYS MUNICIPAL WATER DISTRICT
Wednesday, April 19, 2017 at 8:00 AM

The mission of Three Valleys Municipal Water District is to supplement and enhance local water supplies to meet our region's needs in a reliable and cost-effective manner.

Item 1 – Call to Order **Kuhn**

Item 2 – Pledge of Allegiance **Kuhn**

Item 3 – Roll Call **Executive Assistant**

- Bob Kuhn, Division IV – President
- David De Jesus, Division II – Vice President
- Brian Bowcock, Division III – Secretary
- Joe Ruzicka, Division V – Treasurer
- Dan Horan, Division VII – Director
- Carlos Goytia, Division I – Director
- John Mendoza, Division VI - Director

Item 4 – Additions to Agenda *(Government Code Section 54954.2(b)(2))* **Kuhn**

Additions to the agenda may be considered when two-thirds of the Board members are present (or all members if less than two-thirds are present), determine a need for immediate action, and the need to take action came to the attention of TVMWD subsequent to the agenda being posted; this exception requires a degree of urgency. *The Board shall call for public comment prior to voting to add any item to the agenda after posting.*

Item 5 – Reorder Agenda **Kuhn**

Item 6 – Public Comment *(Government Code Section 54954.3)* **Kuhn**

Opportunity for members of the public to directly address the Board on items of public interest that is within the subject matter jurisdiction of TVMWD. The public may also address the Board on items being considered on this agenda. TVMWD requests that all public speakers complete a speaker's card and provide it to the Executive Assistant.

We request that remarks be limited to five minutes or less.

Item 7 – Consent Calendar **Kuhn**

The Board is being asked to consider Consent Calendar items 7.1-7.6 listed below. Consent Calendar items are routine in nature and may be approved by a single motion. Any member of the Board may request that a specific item be pulled from the Consent Calendar for further discussion.

7.1 – Receive, Approve and File Minutes – March 2017 [enc]

- March 1, 2017 – Regular Board Meeting
- March 15, 2017 – Regular Board Meeting

7.2 – Receive, Approve and File Financial Reports and Investment Update – March 2017 [enc]

- Change in Cash and Cash Equivalents Report
- Consolidated Listing of Investment Portfolio and Investment Report
- YTD District Budget Monthly Status Reports
- Warrant Summary Disbursements

7.3 – Resolution No. 17-04-795 Support of the ACWA Policy Statement on Bay Delta Flow Requirements [enc]

The Board will consider approval of Resolution No. 17-04-795.

7.4 – Resolution No. 17-04-796 Declaring Certain District Property as Surplus [enc]

Approval of this action hereby affirms the direction provided to staff in accordance with procedures established by Resolution No. 11-04-488 (2004).

7.5 – FY 16-17 Project Encumbrance [enc]

The Board will consider and approve recommendations for FY 16-17 encumbrance carryover.

7.6 – Adopt Operations Reliability Reserve Category [enc]

The Board will consider and approve adoption of the Operations Reliability Reserve Category as revision to TVMWD's Strategic Plan.

Item 7: Board Action Required – Motion No. 17-04-5131

Staff Recommendation: Approve as presented

Item 8 – General Manager's Report

Hansen

Item 8.A – Administration staff will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

8.A.1 – Legislative Update, April 2017 [enc]

The Board will be provided with an update of legislative activities occurring at state and federal levels.

8.A.2 – Approve Director Expense Forms, March 2017 [enc]

The Board will consider approval of the March 2017 Director expense reports that include disclosure of per diem requests for meeting attendance, and an itemization of any expenses incurred by TVMWD.

Item 8.A.2: Board Action Required – Motion No. 17-04-5132

Staff Recommendation: None

Item 8.B – Engineering-Operations staff will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

8.B.1 – Bid Results for the LeRoy’s Meter Connection Project No. 58154 [enc]

The Board will consider and approve the staff recommendation to award the construction contract to the lowest responsible bidder for Project No. 58154 and direct the General Manager to enter into an agreement to complete the project.

Item 8.B.1: Board Action Required – Motion No. 17-04-5133

Staff Recommendation: Approve as presented

8.B.2 – Calendar Year Imported Water Purchases – March 2017 [enc]

The Board will review the imported water purchases for the month ending March 2017.

8.B.3 – Miramar Operations Report – March 2017 [enc]

The Board will review the monthly Miramar Operations Report that includes a summary of the following reports: water quality, monthly production, monthly and year-to-date sales, hydro-generation production and operations / maintenance review.

Item 8.C – Finance-Personnel staff will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

8.C.1 – Adopt FY 17-18 Budget [enc]

The Board will consider and approve the FY 17-18 Budget. A public legal notice was published one time on April 12, 2017 pursuant to Government Code 6061.

Item 8.C.1: Board Action Required – Motion No. 17-04-5134

Staff Recommendation: Approve as presented

8.C.2 –Resolution Adopting Water Rates and Charges for CY 2018 [enc]

The Board will consider and adopt Resolution No. 17-04-797 approving CY 2018 Water Rates and Charges. A public legal notice was published one time on April 12, 2017 pursuant to Government Code 6061.

Item 8.C.2: Board Action Required – Motion No. 17-04-5135

Staff Recommendation: Approve as presented

8.C.3 – Adopt Resolution No. 17-04-798 Approving Initiation of FY 17-18 Standby Charge Proceedings [enc]

The Board will consider and adopt Resolution No. 17-04-798 approving Initiation of FY 17-18 Water Standby Charge Procedures. A public legal notice was published one time on April 12, 2017 pursuant to Government Code 6061.

Item 8.C.3: Board Action Required – Motion No. 17-04-5136

Staff Recommendation: Approve as presented

Item 9 – Directors’ / General Manager Oral Reports

The following reports are provided by Directors as it concerns activities at the most recent meeting of the agency of which they are assigned to serve as the representative or alternate of TVMWD (*the most recent meeting date is shown in parenthesis*).

- 9.A – Local Agency Formation Commission (April 12, 2017) Ruzicka
- 9.B – Six Basins Watermaster (March 22, 2017) Bowcock
- 9.C – Main San Gabriel Basin Watermaster (April 5, 2017) Bowcock
- 9.D – Chino Basin Watermaster (March 23, 2017) Kuhn
- 9.E – San Gabriel Basin Water Quality Authority (March 22, 2017) Kuhn
- 9.F – Metropolitan Water District (April 11, 2017) De Jesus
- 9.G – Additional Board Member or Staff Reports / Comments All

Item 10 – Future Agenda Items

Kuhn

Item 11 – Adjournment

Kuhn

Board adjourned to May 3, 2017 Regular Board Meeting at 8:00 AM.

American Disabilities Act Compliance Statement

Government Code Section 54954.2(a)



Any request for disability-related modifications or accommodations (including auxiliary aids or services) sought in order to participate in the above agenda public meeting should be directed to the TVMWD's Executive Assistant at (909) 621-5568 at least 24 hours prior to meeting.

Agenda items received after posting

Government Code Section 54957.5

Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the TVMWD office located at, 1021 East Miramar Avenue, Claremont, CA, 91711. The materials will also be posted on the TVMWD website at www.threevalleys.com.

Three Valleys MWD Board Meeting packets and agendas are available for review on its website at www.threevalleys.com. The website is updated on Sunday preceding any regularly scheduled board meeting.



Action Line

Regular Board Meeting

April 19, 2017

This summary may not include all agenda items and should not be construed as minutes of the meeting.

FOR ADDITIONAL INFORMATION: 909-621-5568

BOARD MEMBERS

CARLOS GOYTIA
DIVISION I

DAVID DE JESUS
DIVISION II

BRIAN BOWCOCK
DIVISION III

BOB KUHN
DIVISION IV

JOSEPH RUZICKA
DIVISION V

JOHN MENDOZA
DIVISION VI

DAN HORAN
DIVISION VII

THREE VALLEYS MWD

1021 E. Miramar Avenue
Claremont, CA 91711
909-621-5568 — Phone
909-625-5470 — Fax
www.threevalleys.com

Board meetings
are scheduled for
8:00 a.m. the first
and third
Wednesday of
each month at
1021 E. Miramar
Claremont, CA

Director Brian Bowcock had an excused absence from today's meeting.

Approved: *Motion No. 17-04-5131* approving Consent Calendar items 7.1-7.6 as follows: (7.1) Receive, approve and file, March 2017 Board Meeting Minutes for March 1, 2017 and March 15, 2017; (7.2) Receive, approve, and file, March 2017 Financial Reports; (7.3) Approve **Resolution No 17-04-795** Support of the ACWA Policy Statement on Bay Delta Flow Requirements; (7.4) Approve **Resolution No. 17-04-796** Declaring Certain District Property as Surplus; (7.5) FY 16-17 Project Encumbrances; (7.6) Adopt Operations Reliability Reserve Category. The motion passed by a 6-0 vote with Director Bowcock absent.

Report: The Board was provided an information report on current legislative activities for April 2017.

Approved: *Motion No. 17-04-5132* approving payment of Director Expenses for March 2017. The motion passed by a 6-0 vote with Director Bowcock absent.

Approved: *Motion No. 17-04-5133* awarding bid for the LeRoy's Meter Connection Project No. 58154 to C.P. Construction in the amount of \$136,030.

TVMWD is a water resources management agency that covers approximately 133 square miles and is governed by an elected Board of seven officials. The present population is about 525,000. Since its formation, the Three Valleys Municipal Water District has installed some 37,000 feet of pipeline and delivered more than 175 billion gallons of water.



Action Line

Regular Board Meeting

April 19, 2017 ~ Page 2 ~

Report: The Board was provided an information report summarizing calendar year imported water purchases for March 2017.

Report: The Board was provided an information report summarizing Miramar Plant operations for March 2017.

Approved: *Motion No. 17-04-5134* adopting the FY 17-18 budget. The motion passed by a 6-0 vote with Director Bowcock absent.

Approved: *Motion No. 17-04-5135* adopting **Resolution No. 17-04-797** to approve the CY 2018 water rates and charges. The motion passed by a 5-0 vote with Director Bowcock absent. Director De Jesus excused himself from the dais for the discussion and did not cast a vote on this matter.

Approved: *Motion No. 17-04-5136* adopting **Resolution No. 17-04-798** initiating the FY 17-18 standby charge proceedings. The motion passed by a 6-0 vote with Director Bowcock absent.

Upcoming Meeting Notices:

Wednesday, May 3, 2017 — Regular Board @ 8:00 a.m.

Wednesday, May 17, 2017 — Regular Board Meeting @ 8:00 a.m.

MWD Inspection Tour: Colorado River June 2-4, 2017 (contact Maria Contreras for more information)

Save the Date: TVMWD Leadership Breakfast: June 8, 2017