



REGULAR BOARD MEETING

JANUARY 31, 2017



STOCKTON EAST WATER DISTRICT

PROVIDING SERVICE SINCE 1948

www.sewd.net

DIRECTORS

Richard Atkins
Division 1

Andrew Watkins
Division 2

Alvin Cortopassi
Division 3

Melvin Panizza
Vice President
Division 4

Paul Sanguinetti
Division 5

Loralee McGaughey
Division 6

Thomas McGurk
President
Division 7

STAFF

Scot A. Moody
General Manager

Michael D. Johnson
Assistant General Manager

LEGAL COUNSEL

Jeanne M. Zolezzi
General Counsel

Phone 209-948-0333
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6767 East Main Street
Stockton, CA 95215

Post Office Box 5157
Stockton, CA 95205

MEETING NOTICE

THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE
STOCKTON EAST WATER DISTRICT WILL BE HELD
AT NOON, TUESDAY, JANUARY 31, 2017 AT THE
DISTRICT OFFICE, 6767 EAST MAIN STREET
STOCKTON, CALIFORNIA 95215

Assistance for the Disabled: If you are disabled in any way and need accommodation to participate in the meeting, please contact Kristin Carido, Administrative Services Manager (209) 948-0333 at least 48-hours in advance for assistance so the necessary arrangements can be made.

Agendas and minutes are located on our website at www.sewd.net.

AGENDA

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- A. Pledge of Allegiance (Director Watkins) & Roll Call**
- B. Consent Calendar (None)**
- C. Public Comment (Non-Agenda Items)**
- D. Scheduled Presentations and Agenda Items**
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 - 2. Warrants
 - a. Fund 68 – Municipal & Industrial Groundwater Fund 07
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- E. Committee Reports**
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2.	Information Items	
a.	Material Included, but Bound Separately from Agenda Packet:	
1.	USBR Press Release: <u>David Murillo Named Acting Commissioner For The Bureau Of Reclamation</u> , ACWA News, 01/20/17	
2.	<u>Governor Brown Declares State Of Emergency In Sacramento, Most Other Counties Following Storms</u> , The Sacramento Bee, 01/24/17	
3.	<u>Valley Farmers Disappointed With Trump Pulling Out Of Trans-Pacific Partnership</u> , The Fresno Bee, 01/23/17	
4.	<u>Modesto Irrigation District Releases Stormwater To Recharge Groundwater Sapped Amid Drought</u> , The Merced Sun-Star, 01/23/17	
5.	<u>Stanislaus County Leaders Could Approve Groundwater Agencies</u> , The Modesto Bee, 01/22/17	
6.	<u>Rain Or Shine, United States Fish And Wildlife Service Biologists Work Through Some Tough Weather Conditions</u> , The United States Fish And Wildlife Services, 01/19/17	
7.	<u>Study Casts Doubt On State’s Strategy</u> , The Oakdale Leader, 01/18/17	
8.	<u>Executive Director’s Blog: New Administration Brings New Opportunities For Solutions</u> , ACWA News, 01/18/17	
9.	<u>United States Bureau Of Reclamation Outlines Central Valley Project Water Supply Conditions</u> , ACWA News, 01/23/17	
10.	<u>Storms Boost State Water Project Allocations To 60%</u> , ACWA News, 01/18/17	
11.	<u>Should California Drought Rules Be Lifted? State Ponders Question As Storms Roll In</u> , The Sacramento Bee, 01/18/17	

3. Report on General Manager Activities
 - a. Dr. Joe Waidhofer Water Treatment Plant – Aerial Footage Presentation

G. Director Reports

H. Communications

1. 2017 San Joaquin Council of Governments One-Voice Preliminary Schedule 45

I. Agenda Planning/Upcoming Events

1. San Joaquin County Agricultural Drought Task Force Meeting, 9:00 a.m., 02/01/17
2. ACWA Region 4 Mid-Term Membership Meeting, 10:00 a.m., 02/01/17
3. Envision Stockton – 2040 General Plan Update Meeting, 3:00 p.m., 02/01/17 47
4. Greater Stockton Chamber of Commerce Monthly Mixer – Certified Collision Center, 5:30 p.m., 02/02/17 49

J. Report of the Counsel

1. Closed Session - Potential Litigation
Government Code 54956.9 (c) – one case

K. Adjournment

Certification of Posting

I hereby certify that on January 26, 2017 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the Stockton East Water District (Government Code Section 54954.2).

Executed at Stockton, California on January 26, 2017.



Kristin Carido, Administrative Services Manager
Stockton East Water District

Any materials related to items on this agenda distributed to the Board of Directors of Stockton East Water District less than 72 hours before the public meeting are available for public inspection at the District's office located at the following address: 6767 East Main Street, Stockton, CA 95215. Upon request, these materials may be available in an alternative format to persons with disabilities.

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THE REGULAR MEETING OF THE BOARD OF DIRECTORS
OF STOCKTON EAST WATER DISTRICT WAS HELD AT THE DISTRICT OFFICE
6767 EAST MAIN STREET, STOCKTON, CA
ON TUESDAY, JANUARY 24, 2017 AT 12:00 NOON

A. PLEDGE OF ALLEGIANCE AND ROLL CALL

President McGurk called the regular meeting to order at 12:25 p.m., Administrative Clerk Curtis led the Pledge of Allegiance.

Present at roll call were Directors Atkins, Cortopassi, McGurk, Panizza, Sanguinetti and Watkins. Director McGaughey was absent. Also present were Manager Moody, Assistant Manager Johnson, District Engineer Lee, Finance Director Naray, Administrative Services Manager Carido, Administrative Clerk Curtis, Consultant Barkett and Legal Counsel Zolezzi.

B. CONSENT CALENDAR (None)

C. PUBLIC COMMENT (None)

D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS

1. Minutes 01/17/17 Regular Meeting

A motion was moved and seconded to approve the January 17, 2017 Regular Meeting Minutes, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGurk, Panizza, Sanguinetti, Watkins
Nays: None
Abstain: None
Absent: McGaughey

2. Warrants – California Public Employees’ Retirement System

A motion was moved and seconded to approve the January 24, 2017 Warrants – California Public Employees’ Retirement System, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGurk, Panizza, Sanguinetti, Watkins
Nays: None
Abstain: None
Absent: McGaughey

3. Stockton East Water District – Alum (T2) and Aluminum Chlorohydrate (T6) Tank Project Request for Bid

Manager Moody provided the Board with information on the Alum (T2) and Aluminum Chlorohydrate (T6) Tank Project Request for Bid (RFB). District Engineer Lee reported staff is finalizing bid documents. District Engineer Lee reported the RFB will be sent to vendors on January 30, 2017 and are due March 16, 2017. District Engineer Lee reported construction is expected to take 145-days due to the detail of the tanks. This item was for information only.

4. Stockton East Water District – Photovoltaic Solar System Project Update – 30% Design
Manager Moody provided the Board with information on the Photovoltaic Solar System Project Update – 30% Design. District Engineer Lee reported the Solar Project site location will be located on the southeast corner of the North Site. District Engineer Lee reported the power lines will run down New Water Lane and connect to the PG&E meter on the south side of the road near East Main Street.

Manager Moody inquired on the location of power lines down New Water Lane. District Engineer Lee replied the power lines will be on overhead power poles.

District Engineer Lee reported staff has provided feedback on the preliminary design and will continue to work with SunEdison to assure all proposed infrastructure meets the District's current and future needs. District Engineer Lee reported the next step is for SunEdison to incorporate staff's comments on the design and submit the conceptual layout to PG&E for approval. After PG&E's approval, SunEdison will complete the design with details. District Engineer Lee reported staff hopes to have comments back from PG&E by the end of February.

Director Cortopassi stated contractors need to be made aware of the existing pipeline as to not damage the pipeline. Manager Moody replied yes, contractors will be made aware of the existing pipeline.

Director Atkins inquired if the design had been changed to square the panels. District Engineer Lee replied they are at an angle because of the sun.

Manager Moody inquired when they are supposed to break ground. District Engineer Lee reported they are planning for June 2017. This item was for information only.

5. Notice of Acceptance of Completion – Replacement of the Maintenance Building Roll-up Doors
Manager Moody provided the Board with the Notice of Acceptance of Completion (NOC) for Replacement of the Maintenance Building Roll-up Doors.

A motion was moved and seconded to approve the Notice of Completions for the Replacement of the Maintenance Building Roll-up Doors, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGurk, Panizza, Sanguinetti, Watkins

Nays: None

Abstain: None

Absent: McGaughey

6. Final Draft Joint Exercise of Powers Agreement – Establishing the Eastern San Joaquin Groundwater Authority, 01/12/17

Manager Moody provided the Board with the Final Draft Joint Exercise of Powers Agreement (JPA) – Establishing the Eastern San Joaquin Groundwater Authority. Manager Moody reported Legal Counsel Zolezzi reviewed the JPA and had no opposition to the language.

Manager Moody requested the Board endorse the JPA language, in preparation of the Sustainable Groundwater Management Act Work Group on February 8, 2017.

A motion was moved and seconded to endorse the language of the Final Draft Joint Exercise of Powers Agreement – Establishing the Eastern San Joaquin Groundwater Authority, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGurk, Panizza, Sanguinetti, Watkins

Board Meeting – 01/24/17

Draft

Nayes: None
Abstain: None
Absent: McGaughey

E. COMMITTEE REPORTS

1. San Joaquin County Flood Control and Water Conservation District Advisory Water Commission Meeting, 01/18/17

Director McGurk attended the January 18, 2017 San Joaquin County Flood Control and Water Conservation District Advisory Water Commission Meeting. Director McGurk reported discussion focused on the update on the 2017 Central Valley Flood Protection Plan. Christopher Williams, Engineer for Department of Water Resources (DWR) presented on the topic and mentioned there is \$30 billion worth of work that needs to be completed across the Central Valley over the next 30-years. The state thinks they may be able to come up with \$3-5 billion over the next 30-years.

Manager Moody reported within the 2017 Central Valley Flood Protection Plan there are \$100 million worth of flood protection projects that could be eliminated by more off-stream storage on the Calaveras River. This would go a long way in complying with the 200 year flood plan.

Director Cortopassi inquired on the area for the flood protection projects. Manager Moody replied, these projects are located in the North Stockton area as it relates to the Calaveras.

Director McGurk reported the overall plan is broken down into six smaller plans. Three plans for the Sacramento Region and three for the San Joaquin Region.

Director McGurk reported to get the \$30 billion funded, Mr. Williams projected by 2019 they would try to get a General Obligation Bond to fund this project.

Manager Moody reported a way this Plan could have been more successful is if DWR had included water agencies in the discussion. DWR's focus is flood control, not necessarily, where to redirect the water where it could be beneficial, rather protecting an asset. Manager Moody reported there should be a way to bring the two parties together to satisfy more than one objective.

Director McGurk inquired if Manager Moody should work with John Maguire, San Joaquin County, to achieve a more prosperous end goal. Fritz Buchman replied yes, in addition to the State Water Board.

Director McGurk inquired on the monies to be spent from this plan. Mr. Buchman replied part of the County is working on a plan to include Reclamation District No. 17 (RD 17) that would administer limitation of improvements to protect the RD 17 area. There is a state grant for a feasibility study to identify mutually agreeable alternatives between the locals and the state.

Manager Moody inquired if this study is part of a reaction towards RD 17 being left out of the 200-year flood plan. Mr. Buchman, replied yes.

Consultant Barkett reported currently there is no discussion for using storage as a solution, the plan for RD 17 is levee work.

Director Cortopassi inquired on agenda item 2-A, "Obama Says Full Speed Ahead on Delta Tunnels Project". Manager Moody replied President Obama advised the Environmental Protection Agency to speed up the Environmental Review for the California Water Fix. The next meeting is scheduled for February 8, 2017.

2. ACWA State Legislative Committee Meeting, 01/20/17

Director Atkins attended the January 20, 2017 ACWA State Legislative Committee Meeting. Director Atkins reported there was emphasis put on the members missing the State Legislative Committee Meetings as there is a waiting list for those that would like to be part of the Committee. Director Atkins reported if there are two unexcused absences, members will be removed from the Committee. Director Atkins reported there was discussion on the ACWA Ag Initiative and how ACWA will be looking to get the Ag community more involved with ACWA. Director Atkins reported there was discussion on SGMA and unimpaired flows and how they will affect the Ag communities in the area. Director Cortopassi inquired on ACWA's comments on unimpaired flows. Director Atkins replied ACWA is remaining neutral and does not take a position on unimpaired flows. Director Atkins reported there was discussion on Proposition 218, there will be a draft at the next meeting. Manager Moody added ACWA tried to get support for a constitutional amendment last year to allow storm water to conduct a protest hearing to raise rates, versus requiring a 2/3 vote as it stands now, to raise their income in flood control. Manager Moody reported the struggle with Proposition 218 is that the Governor wants to initiate a fee to support disadvantaged communities, causing some to pay more, which violates Proposition 218, which requires the fees to be the same for everyone. Director Atkins reported the Governor wants to keep the Drought Emergency Plan in place, which allows the State Water Resources Control Board to remain in power. Director McGurk inquired if it becomes apparent it is no longer an emergency, but the Governor continues to keep the Plan in place could that open up lawsuits. Legal Counsel Zolezzi replied, it may not only be at the discretion of the Governor or if there are limits on what constitutes an emergency. Director Atkins reported comments on the Substitute Environmental Document (SED) are due March 19, 2017. The next meeting is scheduled for March 8, 2017.

3. Stockton Area Water Suppliers Meeting, 01/23/17

Manager Moody reported this meeting was cancelled. The next meeting is scheduled for January 30, 2017.

F. REPORT OF GENERAL MANAGER

1. Water Supply Report as of 01/23/17

Manager Moody provided a handout of the Water Supply Report that included storage, release, and production data collected from various sources as of midnight last night.

Manager Moody reported there is 194,292 AF in storage at New Hogan Reservoir. Current releases are set at 3,639 cfs. There is 950,101 AF in storage at New Melones Reservoir. Current release at Goodwin Dam to Stanislaus River are set at 640 cfs and release to all water users are set at 640 cfs. The water treatment plant is currently processing 17 mgd. The City of Stockton's water treatment plant is currently processing 12 mgd.

2. Information Items:

Manager Moody noted items: F2a-1, F2a-2, F2a-3, F2a-4, F2a-5, F2a-6, F2a-7, F2a-8, F2a-9, F2a-10, F2a-11, F2a-12, F2a-13, F2a-14 and F2a-15.

3. Report on General Manager Activities

Manager Moody reported staff has been invited to participate in the SED Phase 2 meetings to discuss the Phase 2 scientific data and strategy to move forward as a group against Phase 2 of the SED. The meeting will be held at the Farm Bureau.

Manager Moody reported staff will be touring the Jenny Lind Treatment Plant on January 26, 2017 to see if they face the same issues the District does as they are in the same watershed and how they are dealing with the Total Organic Carbon issues.

Manager Moody reported Administrative Services Manager Carido will be inquiring with the Board on times that work best for their schedules to schedule an Eastern Water Alliance meeting.

Manager Moody reported he has an upcoming meeting with John Freeman and staff from Cal Water to discuss Phase 1 and 2 of the SED and how it would affect the District and consequently effect Cal Water.

G. DIRECTOR REPORTS

Director Cortopassi inquired with Gerald Schwartz, East Bay Municipal Utility District, on the Demonstration Recharge Extraction & Aquifer Management (DREAM) Project. Mr. Schwartz replied EBMUD is willing, ready and able to move forward. Director Cortopassi inquired if Pardee Dam is always kept full. Mr. Schwartz replied yes, it is always kept full because that is where the drinking water comes from. Director Cortopassi inquired if EBMUD also operates Lake Camanche. Mr. Schwartz replied yes, and they are releasing 5,000 cfs as that is the maximum the Army Corps of Engineers will allow them to release.

H. COMMUNICATIONS (None)

I. AGENDA PLANNING/UPCOMING EVENTS

1. San Joaquin Farm Bureau Federation – Water Committee Meeting, 5:30 p.m., 01/24/17
2. AD HOC Technical Review Committee Meeting for the Sustainable Groundwater Management Act Work Group, 2:00 p.m., 01/25/17
3. ACWA Federal Affairs Committee Meeting, 10:00 a.m., 01/27/17
4. San Joaquin Farm Bureau Foundation for Agricultural Education – 26th Annual Wine Tasting Event: *Featuring a “Taste of San Joaquin County”*, 6:00 p.m., 03/16/17

J. REPORT OF THE COUNSEL

1. Closed Session - Potential Litigation
Government Code 54956.9 (c) – one case

President McGurk adjourned the meeting to closed session at 1:16 p.m. to discuss closed session agenda items. The regular meeting reconvened at 1:36 p.m., with no reportable action.

J. ADJOURNMENT

President McGurk adjourned the meeting at 1:37 p.m.

Respectfully submitted,

Scot A. Moody
Secretary of the Board

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
1 PG&E 1289619691-7	68	10-5302-0	MUNICIPAL & INDUSTRIAL GW FUND 68 Electricity @ 6767 EMain-Extr Well South 12/09/16-01/09/17	30.72	12896196917-01/17/17
2 PG&E 4758034525-5	68	10-5302-0	Electricity @ 6767 EMain-Extr Well North 12/09/16-01/09/17	91.34	47580345255-01/09/17
3 Stockton Windustrial Co.	68	10-5351-0	Gaskets for North and South wells	97.49	268076 00
4 Stockton Windustrial Co.	68	10-5351-0	Coupler fitting for South well	277.68	268144 00
			MUNICIPAL & INDUSTRIAL GW FUND 68 TOTAL	\$497.23	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
			ADMIN FUND 70		
1 A Better Valley Crane LLC	70	10-5101-0	Crane training & NCCCO certification	5,355.00	3446
2 CA Public Employees Retirement System (C	70	10-5049-0	Calpers Survivor Bnf fee (Reg Mmb)070116-033117ADMIN	251.55	100000014897165
3 CA Public Employees Retirement System (C	70	10-1710-0	Calpers Survivor Bnf fee (Reg Mmb)040117-063017ADMIN prepd	83.85	100000014897165
4 CA Public Employees Retirement System (C	70	10-5049-0	Calpers Survivor Bnf fee (Pepr Mmb)070116-033117ADMIN	116.11	100000014898501
5 CA Public Employees Retirement System (C	70	10-1710-0	Calpers Survivor Bnf fee (Pepr Mmb)040117-063017ADMIN prepd	38.70	100000014898501
6 CSI Telecommunications, Inc	70	10-5141-0	Prog bill#2 Engineering service for SEWD radio system work	430.00	17-3363
7 CSI Telecommunications, Inc	70	10-5141-0	Prog bill#1 Engineering service for SEWD radio system work	1,505.00	17-3358
8 Fishbio	70	10-5174-0	Nov 2016 Consulting SEWD Advisor	4,702.50	2487
9 Fishbio	70	10-5174-0	Nov 2016 Consulting Calaveras O.mykiss abundance	1,481.25	2485
10 Fishbio	70	10-5174-0	Nov 2016 Consulting Bellota Fish Ladder	1,980.39	2484
11 Fishbio	70	10-5174-0	Nov 2016 Consulting Calaveras HCP	9,510.00	2486
12 Fishbio	70	10-5174-0	Nov 2016 Consulting Calaveras RST monitoring	16,096.25	2488
13 Fishbio	70	10-5174-0	Oct 2016 Consulting SEWD Advisor	4,832.50	2472
14 Fishbio	70	10-5174-0	Oct 2016 Consulting Bellota Fish Ladder	748.68	2471
15 Fishbio	70	10-5174-0	Oct 2016 Consulting Calaveras HCP	7,424.48	2464
16 Fishbio	70	10-5174-0	Oct 2016 Consulting Calaveras RST monitoring	2,277.50	2465
17 Frontier Communications	70	10-5141-0	Telemetry-Bellota to TP 12/2/16-01/22/17	62.68	209-1480944-01/22/17
18 Frontier Communications	70	10-5141-0	01/16/17-02/16/17 Communication Farmington Dam Blockhouse-WTP	43.31	209-8861876-01/16/17
19 OnTrac	70	10-5126-0	Admin. dept mailing expenses week ending 12/24/17 to 01/07/17	204.88	8560438/458
20 Platt Electric Supply Inc.	70	10-5148-0	Replacement Monitors for CCTV Security Camera System in OPs	2,510.63	L032898
21 Quill Corporation	70	10-5125-0	SEWD office supplies ordered on 11/04/16-12/28/16	865.87	3062987
22 Quill Corporation	70	10-5124-0	SEWD office equipment ordered on 12/21/16	56.45	2914806
23 Richard Atkins	70	10-5104-0	Travel expenses 2017 ACWA State Legislative conf.	73.83	ACWA state Leg 2017

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
24 Smart & Final	70	10-5125-0	SEWD boardroom supplies ordered on 01/31/17	387.15	187421
25 Standard Insurance Co	70	10-5047-0	Feb 2017 long term insurance - ADMIN	352.93	February 2017
26 Telepacific Communications	70	10-5141-0	January 2017 telephone charges for SEWD	2,758.53	86554186-0
27 US Bank Corp. Payment Systems	70	10-5125-0	SEWD office supplies ordered on 11/30/16 & 12/05/16	57.96	Cahoon5549-122216b
28 US Bank Corp. Payment Systems	70	10-5127-0	Dec 2016 meeting expenses	1,614.51	Carido8061-122216a
29 US Bank Corp. Payment Systems	70	10-5125-0	SEWD office supplies ordered on 12/07-12/22	70.96	Carido8061-122216b
30 US Bank Office Equipment Finance Services	70	10-5124-0	Jan 20, 2017-Feb 20, 2017 SEWD copiers (6) lease	1,563.92	January 2017
31 Wagner & Bonsignore	70	10-5176-0	Oct 2016 Prof. services LittleJohns Creek Application	215.00	01-17-2457
ADMIN FUND 70 TOTAL				\$67,672.37	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
			WATER SUPPLY FUND 71		
1 Buttes Center State Pipe & Supply	71	10-5215-0	Pipe caps for Fogarty fence maintenance	121.47	S009348458.001-004
2 CA Public Employees Retirement System (C71)	71	10-5049-0	Calpers Survivor Bnf fee (Reg Mmb)070116-033117WS-NM	130.81	100000014897165
3 CA Public Employees Retirement System (C71)	71	10-5058-0	Calpers Survivor Bnf fee(Reg Mmb)070116-033117WS-NH	40.25	100000014897165
4 CA Public Employees Retirement System (C71)	71	10-1710-0	Calpers Survivor Bnf fee(Reg Mmb)040117-063017WS-NM prepd	43.60	100000014897165
5 CA Public Employees Retirement System (C71)	71	10-1710-0	Calpers Survivor Bnf fee(Reg Mmb)040117-063017WS-NH prepd	13.41	100000014897165
6 CA Public Employees Retirement System (C71)	71	10-5049-0	Calpers Survivor Bnf fee (Pepr Mmb)070116-033117WS-NM	60.37	100000014898501
7 CA Public Employees Retirement System (C71)	71	10-5058-0	Calpers Survivor Bnf fee (Pepr Mmb)070116-033117WS-NH	18.58	100000014898501
8 CA Public Employees Retirement System (C71)	71	10-1710-0	Calpers Survivor Bnf feePepr Mmb)040117-063017WS-NM prepd	20.12	100000014898501
9 CA Public Employees Retirement System (C71)	71	10-1710-0	Calpers Survivor Bnf fee (Pepr Mmb)040117-063017WS-NH prepd	6.19	100000014898501
10 Fresno Oxygen	71	10-5205-0	Spare tanks rental for Pezzi dam repairs	8.58	91392762
11 Fresno Oxygen	71	10-5205-0	Welding supplies for Pezzi dam maintenance	211.42	61928722
12 G&K Services, Inc.	71	10-5213-0	01/12/17 weekly laundry service	54.36	1057364003
13 GHX Industrial LLC	71	10-5225-0	Gaskets for Bellota Pipeline repairs	249.90	13941088
14 Justin's Scuba Time Inc.	71	10-5206-0	Supplies for Bellota maintenance ordered on 01/19/17	255.25	1032/CM1057/1227
15 Knife River/Concrete Inc.	71	10-5215-0	Concrete for installation of fence on Fogarty property	431.88	180667/180333
16 PG&E 1949656419-6	71	10-5213-0	Electricity 12/13/16-01/11/17 BellotaBlockh/Canal Gate	1,165.97	19496564196-01/11/17
17 PG&E 2333223109-3	71	10-5213-0	Electricity 12/13/16 to 01/11/17 Sonora Rd-NMCF	56.12	23332231093-01/12/17
18 PG&E 3117175782-1	71	10-5213-0	Electricity 12/16/16-01/17/17 Escalon Bellota trash rack	21.68	31171757821-01/18/17
19 PG&E 4252412479-1	71	10-5213-0	Electricity 12/16/16-01/17/17-Tulloch Rd (Goodwin Dam)-NMCF	21.68	42524124791-01/17/17
20 PG&E 8683314685-4	71	10-5213-0	Electricity @ Duck Cr trash rack 12/12/16 to 01/10/17	155.02	86833146854-01/11/17
21 Standard Insurance Co	71	10-5047-0	Feb 2017 long term insurance -WS-NM	221.36	February 2017
22 Standard Insurance Co	71	10-5056-0	Feb 2017 long term insurance -WS-NH	66.47	February 2017
23 Stockton Pipe & Supply	71	10-5215-0	Pipe for Fogarty property fence repair	498.54	304253
24 Stockton Windustrial Co.	71	10-5206-0	Valve for Bellota Water Quality Monitoring system	156.60	268064 01
25 US Bank Corp. Payment Systems	71	10-5206-0	Supplies for repair of fish screen at Bellota	364.99	Cahoon5549-122216C
			WATER SUPPLY FUND 71 TOTAL	\$ 4,394.62	

Agenda Item: D-2c
Date: 01/31/17

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
			VEHICLE FUND 91		
1 American Valley Waste Oil, Inc	91	10-5182-0	Waste oil pick up on 12/12/16	117.50	150963
2 Battery Bill, Inc.	91	10-5182-0	Replacement battery for Unit #38	106.27	200833
3 Big Valley Tractor	91	10-5182-0	Hydraulic coupler to repair leak on Unit #52	97.06	P67573
4 Fastenal Company	91	10-5182-0	Supplies for general vehicle use	6.19	CASTC112511
5 Grainger, Inc.	91	10-5182-0	Daily checklist for Unit #70	67.11	9304546048
6 Holt of CA	91	10-5182-0	Filter for Unit #45	19.04	PS000902003
7 Holt of CA	91	10-5182-0	Antifreeze for Unit #29	54.76	PS000902003
8 Les Schwab Tire Center	91	10-5182-0	New tires for Unit #59	611.28	65700129928
9 US Bank Corporate Payment Systems	91	10-5182-0	Parts and labor to repair seat in Unit #16	374.58	Cahoon5549-122216e
			VEHICLE FUND 91 TOTAL	\$ 1,453.79	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
			MUNICIPAL & INDUSTRIAL FUND 94		
1 Battery Bill, Inc.	94	10-5325-0	Batteries for emergency generators at Low Lift & HS	755.83	200359
2 CA Public Employees Retirement System (C	94	10-5049-0	Calpers Survivor Bnf fee (Reg Mmb)070116-033117M&I	583.60	100000014897165
3 CA Public Employees Retirement System (C	94	10-1710-0	Calpers Survivor Bnf fee (Reg Mmb)040117-063017M&I prepd	194.53	100000014897165
4 CA Public Employees Retirement System (C	94	10-5049-0	Calpers Survivor Bnf fee (Pepr Mmb)070116-033117M&I	269.35	100000014898501
5 CA Public Employees Retirement System (C	94	10-1710-0	Calpers Survivor Bnf fee (Pepr Mmb)040117-063017 M&I prepd	89.78	100000014898501
6 Cal Chem Enterprises	94	10-5301-0	PACL delivery of 01/09/17 to 1/13/17	31,708.74	13230/13204
7 Chemtrade Chemicals US LLC	94	10-5301-0	Acidified alum delivery of 1/5/17 -01/06/17	13,849.80	92002383
8 Contract Coatings Corp.	94	10-5321-0	Painting supplies for shop stock	119.78	00013614
9 Fastenal Company	94	10-5344-0	SEWD consumables ordered on 12/09/16-12/19/16	130.15	CASTC112511
10 Fastenal Company	94	10-5344-0	Fasteners for shop stock	53.60	CASTC112759
11 FGL Environmental	94	10-5308-0	Cryptosporidium monitoring sampled on 10/03/16 11/7/16	1,245.00	653864A
12 Fresno Oxygen	94	10-5321-0	Refill of cutting torch tanks	48.21	61943829
13 Fresno Oxygen	94	10-5341-0	Welding protective gear for Maintenance	43.08	61928722
14 Fresno Oxygen	94	10-5321-0	Welding supplies for shop stock	322.14	61928488
15 G&K Services, Inc.	94	10-5342-0	01/12/17 weekly laundry service	154.70	1057364003
16 Grainger, Inc.	94	10-5321-0	Windsock kit for Maintenance shop use	246.24	9307318890
17 Grainger, Inc.	94	10-5343-0	Drill sleeve for use at Maintenance shop use	16.41	9304546055
18 Grainger, Inc.	94	10-5344-0	SEWD consumable supplies ordered 12/13/16	44.57	9306164618
19 Grainger, Inc.	94	10-5343-0	Cleaning equipment for Maint. shop	33.20	9306164618
20 Grainger, Inc.	94	10-5343-0	Hose spray nozzles for general Maintenance use	42.94	9306792897
21 Grainger, Inc.	94	10-5321-0	Exhaust fan and shutter for VS-1	1,079.98	9305828932
22 Grainger, Inc.	94	10-5321-0	Eyewash retro-fit kit	145.15	9302477014
23 HDS White Cap Construction Supply	94	10-5344-0	Concrete cutting blades for installation of basement curb	240.32	10006355328
24 J. Milano Company, Inc.	94	10-5343-0	Switches for mower repair	43.23	247957

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
25 J. Milano Company, Inc.	94	10-5344-0	SEWD consumable supplies	10.63	247957
26 J. Milano Company, Inc.	94	10-5321-0	Steel and fasteners fo shop stock	192.39	247367
27 JCI Jones Chemicals, Inc	94	10-5301-0	Chlorine delivery of 1/12/17	4,288.20	710943
28 Justin's Scuba Time Inc.	94	10-5306-0	Supplies for Bellota maintenance ordered on 01/19/17	41.42	1228
29 Knife River/Concrete Inc.	94	10-5321-0	Ops Basement containment curb	289.68	180394
30 Nor-Cal Battery Company	94	10-5325-0	Replacement battery for Sullair Compressor trailer	125.23	210089
31 PG&E 0908023195-5	94	10-5302-0	Electricity 12/20/16-01/20/17 WTP	13,780.36	09080231955-01/20/17
32 PG&E 1949656419-6	94	10-5302-0	Electricity 12/13/16-01/11/17 TP	1,165.96	19496564196-01/11/17
33 PG&E 1949656419-6	94	10-5303-0	Gas 12/13/16-01/11/17 TP	1,201.30	19496564196-01/11/17
34 PG&E 7493068226-0	94	10-5302-0	Electricity 12/15/16-01/13/17 Outdoor Light-TP	19.92	74930682260-01/13/17
35 Platt Electric Supply Inc.	94	10-5343-0	Diagonal cutters for electrician's use	71.49	Z098672/CML063864
36 Platt Electric Supply Inc.	94	10-5321-0	SED basin lighting materials	5.31	L042970
37 Platt Electric Supply Inc.	94	10-5321-0	Connectors for installation of CCTV monitors	12.06	L043629
38 Platt Electric Supply Inc.	94	10-5343-0	Pliers to Maint. shop	29.15	Z099194
39 Platt Electric Supply Inc.	94	10-5321-0	Power supply cord	6.84	Z099194
40 Platt Electric Supply Inc.	94	10-5321-0	Power Over Ethernet injector for camera at 74-01	105.46	Z098260
41 Polydyne, Inc.	94	10-5301-0	Cationic Polymer delivery of 10/20/16	10,758.40	1085643
42 Quill Corporation	94	10-5344-0	SEWD consumables ordered on 12/09/16 - 12/22/16	195.28	2559737/598
43 R & S Erection Tri County Inc. Stockton Div	94	10-5326-0	Parts & labor to replace Maintenance bldg roll up doors	12,488.00	10447
44 San Joaquin County Dept. of Public Works	94	10-5324-0	Waste disposal for TP ground maintenance 12/30/16	107.28	Ticket 52-181687
45 Standard Insurance Co	94	10-5047-0	Feb 2017 long term insurance -M&I	941.98	February 2017
46 Stockton Windustrial Co.	94	10-5321-0	Fittings for Chlorine 2 pipeline maintenance	799.20	268023 00
47 Stockton Windustrial Co.	94	10-5321-0	Hangers for Chlorine 2 line	65.28	268108 01
48 Stockton Windustrial Co.	94	10-5321-0	Clamps for CL2 line maintenance	799.20	268118 01
49 Stockton Windustrial Co.	94	10-5321-0	Fittings for SA-1 raw water intake	192.79	268608 00
50 Stockton Windustrial Co.	94	10-5321-0	Fittings to mount windsocks	10.62	268608 00
51 Stockton Windustrial Co.	94	10-5321-0	Fittings for servicing fire hydrants	210.79	269042 00
52 United Site Services	94	10-5321-0	Monthly rental of portable restroom 01/17/17	173.87	114-4824088
53 US Bank Corp. Payment Systems	94	10-5326-0	Supplies for Admin bldg repair (Home Depot)	148.85	Aaron0385-122216a

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
January 31, 2017**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
54 US Bank Corp. Payment Systems	94	10-5321-0	Wood and supplies for Vehicle Stor & basement repair	280.32	Aaron0385-122216b
55 US Bank Corp. Payment Systems	94	10-5324-0	Wind meter for use when spraying at TP plant grounds (Tmart)	17.43	Cahoon5549-122216a
56 US Bank Corp. Payment Systems	94	10-5321-0	Heating cables for flow meter on Cal Water System	32.02	Cahoon5549-122216dd
57 US Bank Corp. Payment Systems	94	10-5321-0	Water filter for inventory (Home Depot)	83.43	Cahoon5549-122216f
58 US Bank Corp. Payment Systems	94	10-5321-0	Replacement Ph probes for Ph metersaw on SA 4 & 5	730.08	Cahoon5549-122216g
			MUNICIPAL & INDUSTRIAL FUND 94 TOTAL	\$100,840.55	

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STOCKTON EAST WATER DISTRICT
PAYROLL EXPENSES
January 31, 2017

Vendor name	Description	Amount
	ADMIN FUND 70	
1 SEWD Fund 01-General Fund	Payroll Date - 12/02/17	32,075.80
	Payroll Date - 12/16/17	34,570.68
	Payroll Date - 12/29/17	31,784.58
	ADMIN FUND 70 PAYROLL TOTAL	\$ 98,431.06
	WATER SUPPLY FUND 71	
1 SEWD Fund 01-General Fund	Payroll Date - 12/02/17	23,296.54
	Payroll Date - 12/16/17	27,907.79
	Payroll Date - 12/29/17	28,110.98
	ADMIN FUND 70 PAYROLL TOTAL	\$ 79,315.31
	MUNICIPAL & INDUSTRIAL FUND 94	
1 SEWD Fund 01-General Fund	Payroll Date - 12/02/17	81,891.41
	Payroll Date - 12/16/17	76,343.22
	Payroll Date - 12/29/17	75,120.27
	MUNICIPAL & INDUSTRIAL FUND 94 PAYROLL TOTAL	233,354.90
	TOTAL FOR RBM 01/31/17	\$ 411,101.27

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**STOCKTON EAST WATER DISTRICT
INVOICES AND PAYROLL FOR BOARD PACKAGE
January 31, 2017**

Fund Number	Fund Summary	AP Amount	Payroll Amount
Fund 68	Municipal & Industrial GW Fund	497.23	0.00
Fund 70	Administration Fund	67,672.37	98,431.06
Fund 71	Water Supply Fund	4,394.62	79,315.31
Fund 91	Vehicle Fund	1,453.79	0.00
Fund 94	Municipal & Industrial Fund	100,840.55	233,354.90
	TOTAL FUND SUMMARY	174,858.56	\$ 411,101.27

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Short Names/Acronym List

ACH	Aluminum Chlorohydrate
ACWA	Association of California Water Agencies
Admin	Administration
Ads	Advertisement
AF	Acre Feet
AG	Agriculture
AR	Accounts Receivable
AWP	Alternative Work Program
CEQA	California Environmental Quality Act
Chgs	Charges
CM	Construction Management
COP	Certificate of Participation
CSDA	California Special District Authority
CSJWCD	Central San Joaquin Water Conservation District
CVPWA	Central Valley Project Water Association
CWS	California Water Services Company
DB	Distribution Box
DDTS	Direct Distance Telephone Service
DL	Direct Line
Educ	Education
ESA	Endangered Species Act
FCC	Federal Communications Commission
FCCU	Financial Center Credit Union
FOIA	Freedom of Information Act
FWPS	Finished Water Pump Station
GM	General Manager
HCP	Habitat Conservation Plan
HP	Hewlett Packard
HVAC	Heating, Ventilating Airconditioning
LD	Long Distance
LFC	Lower Farmington Canal
LT2	Long Term 2 -Enhanced Surface Water Treatment Rule
M&O	Maintenance & Operations
MCC	Master Control Center
Misc.	Miscellaneous
mtg	Meeting
NCCCO	National Commission for the Certification of Crane Operators
NH-	New Hogan
NM	New Melones
NH3-N	Ammonia
NMCF	New Melones Conveyance Facility
OBA	Oxygen Breathing Apparatus
PACL	Poly Aluminum Chloride
PM	Preventive Maintenance
Prof	Professional
PVC	Polyvinyl Chloride
SCADA	Supervisory Control And Data Acquisition
SCBA	Self Contained Breathing Apparatus
SEWD	Stockton East Water District
SWRCB	State Water Resources Control Board
St	Street
T5	Water Treatment Operator Certificate Grade 5
Tel	Telephone
THM	Trihalomethane
TO	Task Order
TP	Treatment Plant
UFC	Upper Farmington Canal
UPS	Uninterrupted Power Supply
VAMP	Vernalis Adaptive Management Plan
VFD	Variable Frequency Drive
WQMS	Water Quality Monitoring System
WS	Water Supply
WTP	Water Treatment Plant

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Asset Name	Classification Name
VEHICLES	
UNIT 16 2003 FORD 450 -- DIESEL	HEAVY TRUCK
UNIT 25 2002 DODGE CARAVAN	AUTOMOBILE
UNIT 26 1990 INTERNATIONAL DUMP TRUCK	HEAVY TRUCK
UNIT 31 1998 FREIGHTLINER BOOM TRUCK 15 TON	HEAVY TRUCK
UNIT 36 2004 CHEVY PICKUP 2500HD SILVERADO - AC	PICKUP TRUCK
UNIT 37-2004 JEEP GRAND CHEROKEE LAREDO	AUTOMOBILE
UNIT 39 2007 CHEVY PICKUP 4X41500 EXTCAB	PICKUP TRUCK
UNIT 45 2008 FORD F650 FLATBED TRUCK (Diesel)	HEAVY TRUCK
UNIT 47 2008 CHEVY PICKUP SILVERADO 2500 4X4	PICKUP TRUCK
UNIT 48 2008 Chevy Kodiak C4500 (Diesel)	HEAVY TRUCK
UNIT 49 2009 Edge AWD - Ltd	AUTOMOBILE
UNIT 53 2011 KENWORTH T300 DUMP TRUCK (Diesel)	HEAVY TRUCK
UNIT 54 2010 FORD F150 PICKUP	PICKUP TRUCK
UNIT 55 2010 FORD F150 PICKUP	PICKUP TRUCK
UNIT 56 2010 FORD F450 TRUCK	HEAVY TRUCK
UNIT 57 2011 FORD F150 PICKUP LONG BED	PICKUP TRUCK
UNIT 64 2015 FORD F250 S-DUTY 4WD	PICKUP TRUCK
UNIT 65 2015 FORD F250 S-DUTY 4WD	PICKUP TRUCK
UNIT 66 2015 FORD F250 S-DUTY 4WD - AI	PICKUP TRUCK
UNIT 67 2015 FORD F250 S-DUTY 4WD - PC	PICKUP TRUCK
UNIT 69 2015 Ford F150 4x4 SUPERCREW PICKUP	PICKUP TRUCK
UNIT 70 2016 CAT FORKLIFT	FORKLIFT
HEAVY EQUIPMENT	
DIVE BOAT	UTILITY VEHICLE
BOAT TRAILER	TRAILER
ALLIS-CHALMERS DISC	HEAVY EQUIPMENT ACCESSORY
Genie GS 1930 Scissor Lift	HEAVY EQUIPMENT
PAK FLAIL MOWER (ORANGE)	HEAVY EQUIPMENT ACCESSORY
ALAMO ARTICULATE MOWER ATTACHMENT	HEAVY EQUIPMENT ACCESSORY
LANDPRIDE RCR2596 ROTARY MOWER	HEAVY EQUIPMENT ACCESSORY
MOWER-WALKER	TRACTOR
UNIT 29 CATERPILLAR BACKHOE	HEAVY EQUIPMENT
UNIT 30 BIG TEX EQUIPMENT TRAILER /25,900GVWR	TRAILER
UNIT 34 2000 CARTAWAY TANK TRAILER /6000GVW	TRAILER
UNIT 38 JOHN DEERE 6420 TRACTOR	TRACTOR
UNIT 41 CASE TRACTOR 570MXT Turbo	TRACTOR
UNIT 43 2007 WELLS CARGO TRAILER model TW122 6x12	TRAILER
UNIT 44 1996 GENIE LIFT TZ-34/20 Towable Knuckleboom (Used)	TRAILER
UNIT 50 6 DIESEL PUMP	TRAILER
UNIT 51 12 DIESEL PUMP	TRAILER
UNIT 52 KABOTA TRACTOR	TRACTOR
UNIT 58 2014 Polaris Ranger EV- MAINTENANCE	UTILITY VEHICLE
UNIT 59 2014 Polaris Ranger EV- MAINTENANCE	UTILITY VEHICLE
UNIT 60 2014 Polaris Ranger EV- OPERATIONS	UTILITY VEHICLE
UNIT 61 2014 Polaris Ranger EV- WATER SUPPLY	UTILITY VEHICLE
UNIT 62 2014 Polaris Ranger EV- WATER SUPPLY	UTILITY VEHICLE
UNIT 63 2014 Polaris Ranger EV- OPERATIONS	UTILITY VEHICLE
UNIT 68 2015 WELDING TRAILER	TRAILER

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CC: Kristin Carido
Chuck Naray
Juan Vega



Actuarial Circular Letter

California Public Employees' Retirement System
P.O. Box 942715
Sacramento, CA 94229-2715
(888) CalPERS (or 888-225-7377)
TTY: (877) 249-7442
www.calpers.ca.gov



January 19, 2017

Circular Letter: 200-004-17
Distribution: VI

To: All Public Agency Employers

Subject: Discount Rate Change

The purpose of this Circular Letter is to inform you of recent changes to the CalPERS discount rate assumption and the impact these changes are expected to have on required employer and PEPRAs member contributions. This Circular Letter will assist you in calculating projected pension cost increases in future years. The June 30, 2016, annual valuations will provide updated projections of expected future year pension contributions. These reports will be available this summer.

At the December 21, 2016, meeting, the CalPERS Board of Administration approved lowering the CalPERS discount rate assumption, the long-term rate of return, from 7.50 percent to 7.00 percent over the next three years. This will increase public agency employer contribution costs beginning in Fiscal Year 2018-19.

The phase-in of the discount rate change approved by the Board for the next three Fiscal Years is as follows:

Valuation Date	Fiscal Year for Required Contribution	Discount Rate
June 30, 2016	2018-19	7.375%
June 30, 2017	2019-20	7.25%
June 30, 2018	2020-21	7.00%

Lowering the discount rate means plans will see increases in both the normal costs (the cost of pension benefits accruing in one year for active members) and the accrued liabilities. These increases will result in higher required employer contributions.

In addition, active members hired after January 1, 2013, under the Public Employees' Pension Reform Act (PEPRA) may also see their contribution rates rise.

The benefits of reducing the discount rate include:

- Strengthening long-term sustainability of the fund
- Reducing negative cash flows; additional contributions will help to offset the cost to pay pensions
- Reducing the long-term probability of funded ratios falling below undesirable levels
- Improving the likelihood of CalPERS investments earning our assumed rate of return
- Reducing the risk of contribution increases in the future from volatile investment markets

Results

Employer contribution increases as a result of the discount rate changes are estimated below by Normal Cost and required Unfunded Accrued Liability (UAL) payment. The Total Employer Contribution is the sum of the Normal Cost Rate applied to reported payroll plus the Unfunded Accrued Liability payment. The Normal Cost portion of the Employer Contribution is expected to increase by the listed percentages of payroll. Increases to the UAL payments are provided as relative increases to be applied to the projected UAL payments in the June 30, 2015, valuation report.

Valuation Date	Fiscal Year Impact	Normal Cost		UAL Payments	
		Misc. Plans	Safety Plans	Misc. Plans	Safety Plans
6/30/2016	2018-19	0.25% - 0.75%	0.5% - 1.25%	2% - 3%	2% - 3%
6/30/2017	2019-20	0.5% - 1.5%	1.0% - 2.5%	4% - 6%	4% - 6%
6/30/2018	2020-21	1.0% - 3.0%	2.0% - 5.0%	10% - 15%	10% - 15%
6/30/2019	2021-22	1.0% - 3.0%	2.0% - 5.0%	15% - 20%	15% - 20%
6/30/2020	2022-23	1.0% - 3.0%	2.0% - 5.0%	20% - 25%	20% - 25%
6/30/2021	2023-24	1.0% - 3.0%	2.0% - 5.0%	25% - 30%	25% - 30%
6/30/2022	2024-25	1.0% - 3.0%	2.0% - 5.0%	30% - 40%	30% - 40%

The changes to the Unfunded Accrued Liability (UAL) due to changes of actuarial assumptions are amortized over a fixed 20-year period with a 5-year ramp up at the beginning and a 5-year ramp down at the end of the amortization period. The 5-year ramp up means that the payments in the first four years of the amortization schedule are 20 percent, 40 percent, 60 percent and 80 percent of the ultimate payment, which begins in year five. The 5-year ramp down means that the reverse is true and the payments in the final four years are ramped down by the above percentages. A new ramp is established with each change to the discount rate. There will be three ramps established in the first three years. As a result of the 5-year ramp up and effective date of the increase, it will be seven years until the full impact of the discount rate change is completely phased in. The shaded rows above are the expected increases beyond the five year projection quoted in your June 30, 2015, valuation report.

To illustrate how this table can be used as a guide to include the change in the discount rate in the calculation of pension contributions, a Miscellaneous plan with a current normal cost of 15 percent of payroll can expect an increase to 15.25 percent to 15.75 percent of payroll in the first year (Fiscal Year 2018-19), and 16 percent to 18 percent in the fifth year (Fiscal Year 2022-23). For the UAL payment, a plan with a projected payment of \$500,000 in Fiscal Year 2018-19 and \$600,000 in Fiscal Year 2022-23 can expect the revised payment to be \$510,000 - \$515,000 ($\$500,000 \times 2.00\%$ / $\$500,000 \times 3.00\%$) for Fiscal Year 2018-19, and \$720,000 - \$750,000 ($\$600,000 \times 20\%$ / $\$600,000 \times 25\%$) for Fiscal Year 2022-23. These estimated increases incorporate both the impact of the discount rate change and the ramp up.

Please keep in mind the above table is a tool for you to calculate broad estimates and should only be used as a general guide. The annual valuation report that will be released this summer will provide updated projections for your specific plan.

If you have any questions about the information provided or how to apply it to your current valuations, please call our CalPERS Customer Contact Center at **888 CalPERS** (or **888-225-7377**) and ask to have your plan actuary contact you.

Scott Terando
Chief Actuary

Analysis of Future Investment Return Scenarios

The investment return for Fiscal Year 2015-16 was not known at the time this report was produced. The investment return in Fiscal Year 2015-16 as of April 30, 2016 is 0.0 percent before administrative expenses. For purposes of projecting future employer contributions, we are assuming a 0.0 percent investment return for Fiscal Year 2015-16.

The investment return realized during a fiscal year first affects the contribution for the fiscal year two years later. For example, the investment return for Fiscal Year 2015-16 will first be reflected in the June 30, 2016 actuarial valuation that will be used to set the Fiscal Year 2018-19 employer contributions, the Fiscal Year 2016-17 investment return will first be reflected in the June 30, 2017 actuarial valuation that will be used to set the Fiscal Year 2019-20 employer contributions, and so forth.

A sensitivity analysis was performed to determine the effects of various investment returns during fiscal years 2016-17, 2017-18, and 2018-19 on the employer contributions for fiscal years 2019-20, 2020-21, and 2021-22. The projected contributions assume that all other actuarial assumptions will be realized and that no further changes to assumptions, contributions, benefits, or funding will occur.

Five different investment return scenarios were selected.

- The first scenario is a -3.8 percent return for each of the 2016-17, 2017-18, and 2018-19 fiscal years. Based on the current investment allocation, this is what one would expect if the markets were to give us about a 5th percentile return from July 1, 2016 through June 30, 2019.
- The second scenario is a 2.8 percent return for each of the 2016-17, 2017-18, and 2018-19 fiscal years. Based on the current investment allocation, this is what one would expect if the markets were to give us about a 25th percentile return from July 1, 2016 through June 30, 2019.
- The third scenario is a 7.5 percent return for each of the 2016-17, 2017-18, and 2018-19 fiscal years. Based on the current investment allocation, this is what one would expect if the markets were to give us about a 49th percentile return from July 1, 2016 through June 30, 2019.
- The fourth scenario is a 12.0 percent return for each of the 2016-17, 2017-18, and 2018-19 fiscal years. Based on the current investment allocation, this is what one would expect if the markets were to give us about a 75th percentile return from July 1, 2016 through June 30, 2019.
- Finally, the last scenario is an 18.9 percent return for each of the 2016-17, 2017-18, and 2018-19 fiscal years. Based on the current investment allocation, this is what one would expect if the markets were to give us about a 95th percentile return from July 1, 2016 through June 30, 2019.

The table below shows the estimated projected contributions and the estimated increases for the plan under the five different scenarios.

2016-19 Investment Return Scenario	Fiscal Year			Estimated Change Between 2018-19 and 2021-22
	2019-20	2020-21	2021-22	
(3.8%)				
Normal Cost	10.6%	10.6%	10.6%	0.0%
UAL Contribution	\$506,870	\$614,237	\$758,397	\$358,651
2.8%				
Normal Cost	10.6%	10.6%	10.6%	0.0%
UAL Contribution	\$489,367	\$562,250	\$655,438	\$255,692
7.5%				
Normal Cost	10.6%	10.6%	10.6%	0.0%
UAL Contribution	\$476,901	\$523,819	\$576,417	\$176,671
12.0%				
Normal Cost	10.8%	11.0%	11.2%	0.6%
UAL Contribution	\$465,328	\$489,122	\$504,760	\$105,014
18.9%				
Normal Cost	11.2%	11.8%	12.4%	1.8%
UAL Contribution	\$448,040	\$437,160	\$395,755	\$(3,991)

For the last two scenarios in the table above the results incorporate the impact of CalPERS Risk Mitigation Policy. A 12.0% return would result in a reduction of the discount rate by 0.05% and a return of 18.9% would reduce the discount rate by 0.15%. Reducing the discount rate increases both the plan's accrued liability and normal cost. More details about Risk Mitigation policy can be found on our website.

Analysis of Discount Rate Sensitivity

The following analysis looks at the Fiscal Year 2017-18 total normal cost rates and liabilities under two different discount rate scenarios. Shown below are the total normal cost rates assuming discount rates that are 1 percent lower and 1 percent higher than the current valuation discount rate. This analysis shows the potential plan impacts if the Public Employees' Retirement Fund (PERF) were to realize investment returns of 6.50 percent or 8.50 percent over the long-term.

This analysis is intended to illustrate the long-term risk to the contribution rates.

Sensitivity Analysis			
As of June 30, 2015	6.50% Discount Rate (-1%)	7.50% Discount Rate (assumed rate)	8.50% Discount Rate (+1%)
Plan's Total Normal Cost	21.6%	17.5%	14.3%
Accrued Liability	\$24,254,052	\$21,454,345	\$19,132,903
Unfunded Accrued Liability	\$7,797,916	\$4,998,209	\$2,676,767

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State Water Board Ignores Everyone But Themselves

Sustainable Groundwater Management Act (SGMA)

SGMA is a 3-bill legislation package enacted by the legislature in 2014 to form local agencies to manage their own groundwater basins based on their regional, environmental, and economic needs. This legislation was driven by the need to address critical over-drafting of California's groundwater. SGMA encourages groundwater recharge – which can only be implemented when surface water is available. SGMA outlined a timeframe of 2 years for the Department of Water Resources (DWR) to adopt groundwater management regulations, and 3 years (by June 30, 2017) for local agencies to form the Groundwater Sustainability Agencies (GSA) to manage their groundwater locally. After July 1, 2017, the State Water Resources Control Board (Water Board or Board) takes on the responsibility of enforcing the groundwater management regulations, if local agencies cannot.

Substitute Environmental Document (SED)

The Board is currently updating the 2006 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, also known as the Bay Delta Plan. The Bay Delta Plan identifies beneficial uses of water in the Bay Delta, water quality objectives for the reasonable protection of those beneficial uses, and a program of implementation for achieving the water quality objectives. The Board decided that the only tool available is to increase flows into the Delta.

The Board released a Substitute Environmental Document (SED) which described three unimpaired flow regimes (40%, 50%, or 60%) for the Tuolumne, Merced, and Stanislaus Rivers (Phase 1). The SED settles on 40% of unimpaired flow in the three rivers from February to June to provide more water for the salmon fisheries and assumes the loss to diverters (municipalities and agriculture) would be made up by pumping more groundwater. A draft plan for the Calaveras, Mokelumne, Consumnes, and American Rivers assumes similar unimpaired flow regimes (Phase 2).

The Board's Dismissal of Legislation

The SED states that the economic impact of pumping groundwater to offset the loss of surface water from the Bay Delta Plan would be "significant and unavoidable". This contradicts the intent and implementation of SGMA. If the 40% unimpaired flow were to be implemented, there would not be any water available for groundwater recharge and conjunctive uses. The groundwater basins levels would continue to decline, resulting in deeper pumping levels and poorer water quality.

The Water Board's proposal to update the Bay Delta Plan would remove local agencies' ability to manage water resources. This further contradicts with the SGMA intent. Without multiple tools (multiple water supplies and non-flow alternatives), local water managers cannot implement water supply and resource projects that benefit their areas.

The Board's Dismissal of Department of Water Resources (DWR) Science

At the fourth and final public hearing on the SED, DWR testified that the SED science was deeply flawed, making inappropriate use of a "Flow Only" approach, and passing the buck to GSAs to prevent damage to the state's aquifers. These criticisms from DWR echoed thousands of public comments from scientists, elected officials, conservationists, community leaders, and food producers.

The Board's Dismissal of Settlement Proposals

At Stockton East Water District (SEWD), we have partnered with Oakdale Irrigation District and South San Joaquin Irrigation District to optimize our local water resources. We have delivered surface water to the urban area of Stockton for decades to restore groundwater levels. . The three Districts developed a comprehensive settlement proposal that included sustainable flows for fish, predator suppression and habitat improvement all based on using scientific analysis and a thorough understanding of fishery needs. However, our settlement proposal was rejected by the State on the basis that we don't have additional flows.

Conclusions

It is clear that the Board is ignoring the express intent of the Legislature to allow local agencies to manage their water resources, both groundwater and surface water. Since groundwater cannot be sustained without surface water resources, and the Board is requiring at least 40% of that surface water, the ability of local agencies to manage their resources is stripped away. Without that ability, the Board could take on the groundwater management responsibility in less than six months.

It is equally clear that the Board has ignored DWR and the entire water user community recommendations, as well as any scientific data and local achievements that challenge the Board's pre-determination that increased flow is the only tool available.

Impacts to Stockton and San Joaquin County

Historically, Stockton East has treated and delivered as much as 80% of Stockton's drinking water, and supports 95,000 acres of prime farmland. Assuming the proposed flows (Phase 1 and 2) are implemented by the Board, we would have no water to deliver to either of these beneficial uses. The impact of the Board's planned actions would devastate our economy and our community.

Stockton Area Water Suppliers
Meeting Agenda
01/30/17

- 1) Water Conservation
 - a. Outreach Efforts
- 2) Water Shortage Contingency Plans
 - a. Operating Plan Projections
- 3) Contract Discussion
 - a. TOC/DBP Reduction Efforts
 - b. Amendment Status
- 4) Groundwater Banking
 - a. DREAM Project
- 5) UC's Operations Update
- 6) GSA Discussion
- 7) Next Meeting – February 26? (13th and 20th are holidays)

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**San Joaquin Farm Bureau Federation
Water Committee**

San Joaquin Farm Bureau Federation Boardroom
3290 North Ad Art Road
Stockton, CA 95215

AGENDA

January 24, 2017

5:30 PM

Consent Items:

Approve the Agenda for January 24, 2017

Approval of minutes for meeting of November 21, 2016 (Attachment 1)

Approval of attendees for meeting of November 21, 2016 (Attachment 2)

Presentation:

Peter Reitkerk, South San Joaquin Irrigation District
Fishbio Salmon Study
Attachment 3

Old Business:

1. Substitute Environmental Document

- a) Update on hearings
- b) New comment deadline **March 17, 2017**

2. CA WaterFix

- a) New, recirculated EIR (attachment 4)

New Business:

1. Groundwater/ SGMA

- a) JPA formation document (attachment 5)
- b) Issues: shell GSA's

2. Delta Stewardship Council Levee Investment Strategy (attachment 6)

- a) This is a parallel process to the DSC economic feasibility strategy that relies heavily on creating a new assessment on landowners within the delta.
- b) Delta Caucus meeting on 2/9

District Reports:

- Banta-Carbona-
- Central Delta-
- Coalition-
- Delta Caucus-
- EBMUD-
- NSJWCD-

- OID-
- RD's-
- SEWD-
- South Delta-
- SSJID-
- WID-

Informational:

1. Drought and storms prove again that California needs more storage. Dan Walters. Published by the Sacramento Bee 1/15/2017.
2. Maximum flows not achieving maximum benefits for Stanislaus Salmon. Bob Holmes and Steve Webb. Published by the Modesto Bee 1/20/2017.
3. Study: Salmon don't want too much water. Editorial by the Modesto Bee 1/19/2017.

Next Meeting:
February 28, 2017

Eastern San Joaquin Groundwater Subbasin
Sustainable Groundwater Management Act Work Group

Ad Hoc Technical Review Committee Meeting
2:00 p.m., January 25, 2017
SJC Public Works – Conference Room A

1. Introductions
2. Model Grid Development – RMC
3. Model Hydrology and Streamflows – RMC
4. Status of Data Request for Model Development – Michael Callahan
5. Next Meeting – February 22, 2017

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**Association of
California Water Agencies**
Since 1910
Leadership • Advocacy • Information • Service

Committee Agenda

Federal Affairs Committee

January 27, 2017

10:00 am – 1:30 pm

ACWA Boardroom

Sacramento, CA

Chair, Steve LaMar

Vice-Chair, Dave Eggerton

-
- I. Welcome & Call to Order, Steve LaMar
 - II. Self-Introductions and Circulation of the Attendance Sheet
 - III. Approval of November 29, 2016 Meeting Minutes 3
 - IV. ACWA Update: Tim Quinn, Executive Director
 - a. Passage of Water Infrastructure Improvements for the Nation (WIIN) Act
 - b. New Administration
 - c. ACWA Ag Initiative
 - d. New Advocacy on SWRCB Water Quality Control Plan
 - V. ACWA Update: Cindy Tuck, Deputy Executive Director for Government Relations
 - a. Proposed Park and Water Bonds (SB 5 and AB 18)
 - b. State Water Conservation (Ag and Urban) Framework
 - c. ACWA DAC Initiative
 - d. Brown Administration Work on Drinking Water Affordability and DACs
 - e. ACWA Advocacy at Little Hoover Commission (Agency Reserves and Headwaters)
 - VI. Washington Update: David Reynolds
 - a. Transition Update
 - b. 2017 Priorities 6
 - c. Infrastructure Bill
 - VII. WIIN Implementation 7
 - VIII. Bill Positions
 - a. Water Supply 11
 - i. H.R. 23: Gain Responsibility on Water Act of 2017 12
 - IX. Regulatory Issues: Abby Schneider
 - a. Regulatory Issues Chart 15

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Weekly Water Report		
	As of: Jan. 23, 2017	As of: Jan. 30, 2017
New Hogan (NHG) TOC	152,100	AF
Storage:	194,292	AF
Net Storage Change:	+15,087	AF
Inflow:	5,372	CFS
Release:	3,639	CFS
New Melones (NML) Allocation	0	AF
Storage:	950,101	AF
Net Storage change:	+77,450	AF
Inflow:	6,672	CFS
Release:	44	CFS
Source: CDEC Daily Reports		

Goodwin Diversion (GDW)		
Inflow (Tulloch Dam):	841	CFS
Release to Stanislaus River (S-98):	640	CFS
Release to OID (JT Main):	0	CFS
Release to SSJID (SO Main):	0	CFS
Release to SEWD:	<u>0</u>	CFS
Total Release	640	CFS
Source: Tri-Dam Operations Daily Report		
Farmington Dam (FRM)		
Diverted to SEWD:	0	CFS
Diverted to CSJWCD:	0	CFS
Source: USACE WCDS Hourly Report		

Surface Water Used		
Irrigators on New Hogan:	0	
Irrigators on New Melones:	0	
DJWTP Production:	17	MGD
City of Stockton DWSP Production:	12	MGD

District Ground Water Extraction		
74-01	0	GPM
74-02	0	GPM
North	0	GPM
South	0	GPM
Extraction Well # 1	<u>0</u>	GPM
Total Well Water Extraction	0	GPM

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Kristin Carido

From: Nicole Gorham <Gorham@sjcog.org>
Sent: Wednesday, January 25, 2017 12:17 PM
To: Nicole Gorham
Cc: Andrew Chesley; Steve Dial; Kelly Bagley
Subject: San Joaquin One Voice® 2017 Draft Schedule
Attachments: draft schedule.pdf

Hi All,

Attached is a preliminary schedule to assist you in your travel preparations. Please note that we are again extending the schedule through Thursday morning to allow more flexibility in scheduling hill meetings. At this point we don't know if there will be meetings scheduled, but please consider a afternoon flight on Thursday to accommodate the possibility.

Nicole G.

From: Nicole Gorham
Sent: Friday, January 20, 2017 1:55 PM
To: Nicole Gorham (gorham@sjcog.org)
Cc: Andrew Chesley; Steve Dial; Kelly Bagley
Subject: San Joaquin One Voice® Registration Packet

Dear Agency Partners and Interested Stakeholders,

The annual San Joaquin One Voice® trip is scheduled for April 30-May 4, 2017 in Washington, DC.

Details about the Call for Projects (deadline to submit is March 3rd), Sponsorship opportunities, and Registration/Accommodations are posted on our website at www.sjcog.org/onevoice.

I hope you can join us as we once again put a face on San Joaquin County priorities.

Nicole Gorham, SJCOC

Public Information Officer
Direct: 209.235.0582 | Main: 209.235.0600
555 East Weber Avenue, Stockton, CA 95202
Email: gorham@sjcog.org

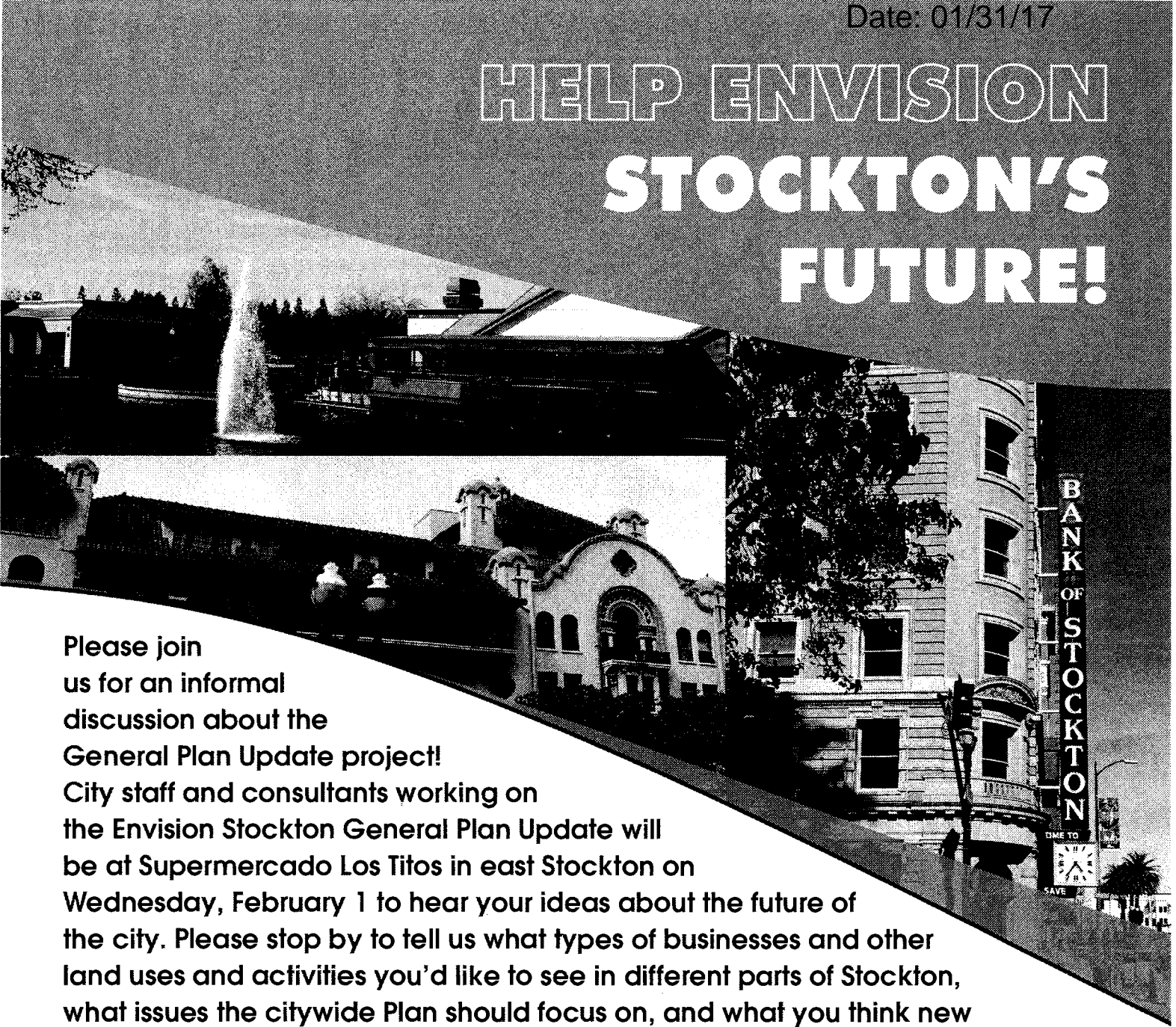


 Please consider the environment before printing this email

Sunday, April 30, 2017	
4:30 pm - 5:30 pm	Planning Meeting with SJCOG Board, Project Leads, and CJ Lake, LLC staff @ Washington Court Hotel
6:00 pm	Open Evening – no group activities
Monday, May 1, 2017	
7:30 am - 8:30 am	Group Breakfast - Washington Court Hotel, Montpelier Room
9:00 am – 9:30 am	One Voice Kick-Off Session with CJ Lake, LLC - WCH, Montpelier Room
9:30 am – 11:30 am	Group Briefings from NARC, NACo, and APTA - WCH, Montpelier Room
11:00 am – 5:00 pm	Meetings on Capitol Hill - Various meetings scheduled, locations TBD, detailed agenda will be available Sunday evening or at breakfast
6:00 pm	Open Evening – no group activities
Tuesday, May 2, 2017	
7:30 am - 8:30 am	Group Breakfast - Washington Court Hotel, Montpelier Room
9:00 am - 5:00 pm	Meetings Scheduled on Capitol Hill - Locations and participants TBD, detailed agenda will be available Monday evening or at breakfast
6:00 pm	Washington Nationals vs. Arizona Diamondbacks baseball game Open to all. Box suite will open at 6:00 p.m. Game time is 7:05 p.m.
Wednesday, May 3, 2017	
7:30 am - 8:30 am	Group Breakfast - Washington Court Hotel, Montpelier Room
8:15 am-9:15 am	Senator Dianne Feinstein Constituent Breakfast, must be pre-registered to attend 902 Hart Senate Office Building, (doors close at 8:15)
9:00 am - 5:00 pm	Meetings Scheduled on Capitol Hill - Locations and participants TBD, detailed agenda will be available Tuesday evening or at breakfast
4:00 pm	One Voice® Group Photo on Capitol Steps (tentative time)
5:30 pm	Group Reception with Congressional Representatives Jerry McNerney & Jeff Denham and their staff - Washington Court Hotel, Senate Room
Thursday, May 4, 2017	
7:30 am - 8:30 am	Group Breakfast - Washington Court Hotel, Montpelier Room
8:00 am - 9:00 am	Group Debrief with CJ Lake
9:00 am – 12:00 pm	Possible Meetings Scheduled on Capitol Hill
1:00 pm – ?	Open for non-One Voice meetings; afternoon travel



HELP ENVISION STOCKTON'S FUTURE!



Please join us for an informal discussion about the General Plan Update project! City staff and consultants working on the Envision Stockton General Plan Update will be at Supermercado Los Titos in east Stockton on Wednesday, February 1 to hear your ideas about the future of the city. Please stop by to tell us what types of businesses and other land uses and activities you'd like to see in different parts of Stockton, what issues the citywide Plan should focus on, and what you think new buildings should look like. Your ideas will be welcomed in Spanish and/or English.

**3:00 PM -
5:00 PM**

**WEDNESDAY
FEBRUARY 1
2017**

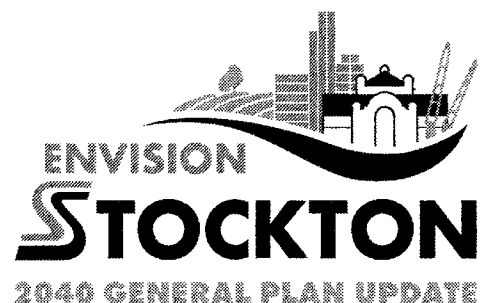
**Supermercado
Los Titos
2481 E. Main Street**

To learn more about the General Plan Update, or to sign-up for the Envision Stockton email list, please visit our website:



www.stocktonca.gov/envisionstockton

Questions? Contact David Stagnaro, Planning Manager,
City of Stockton at (209) 937-8598.

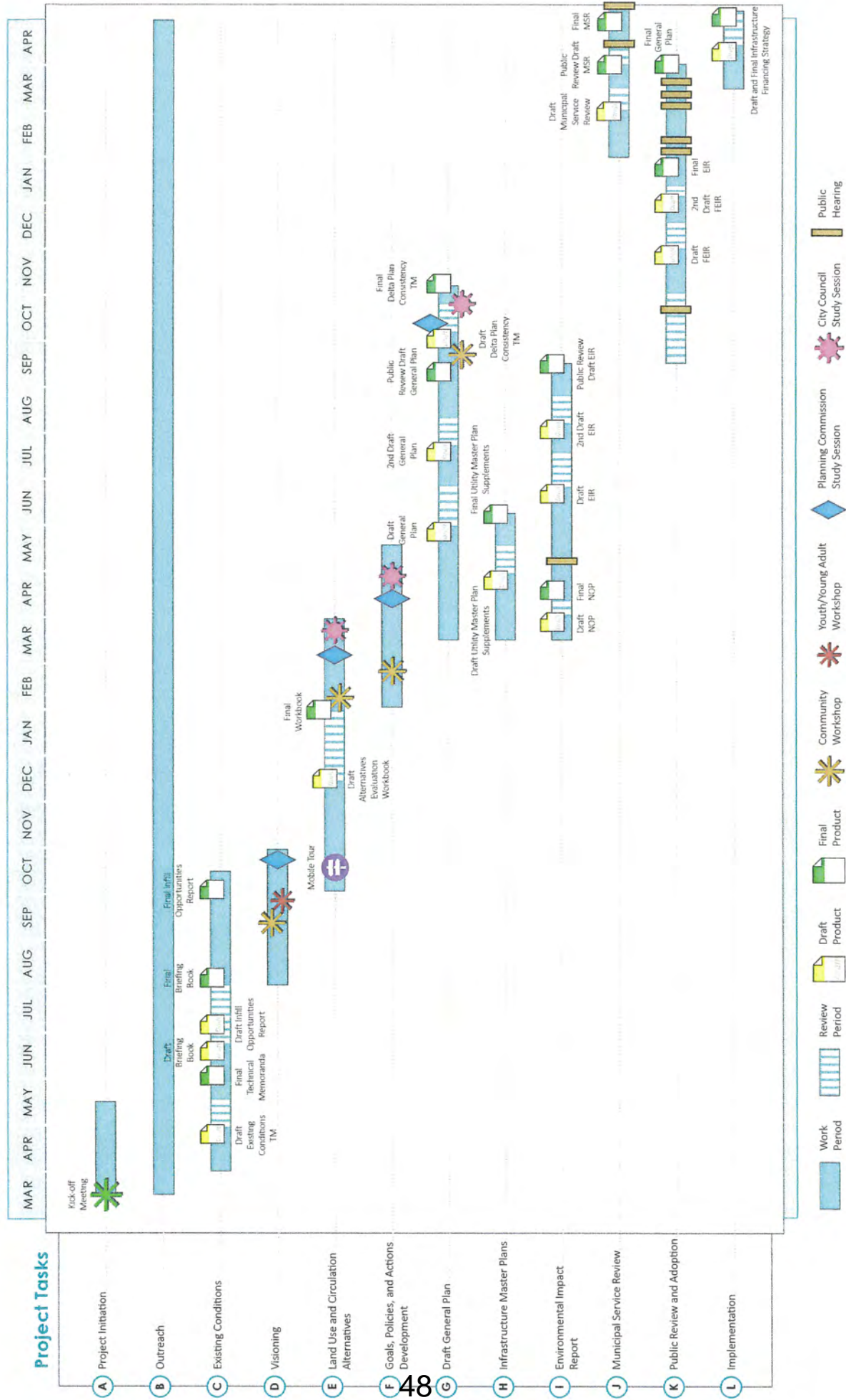


Stockton General Plan Update and EIR: Project Schedule

2016

2017

2018





Serving Business in
San Joaquin County
Since 1901

Stockton Chamber of Commerce February Mixer

Hosted By:



7710 Murray Drive, Stockton 95209



**Thursday, February 2, 2017
5:15pm-7:15pm**

**Join us for Food, Drinks,
Networking, Prizes and Fun!**

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