

MINUTES OF THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
VISTA IRRIGATION DISTRICT

November 5, 2014

A Regular Meeting of the Board of Directors of Vista Irrigation District was held on Wednesday, November 5, 2014, at the offices of the District, 1391 Engineer Street, Vista, California.

1. CALL TO ORDER

President Dorey called the meeting to order at 8:30 a.m.

2. ROLL CALL

Directors present: Miller, Vásquez, Dorey, Franklin*, and MacKenzie.

Directors absent: None.

Staff present: Roy Coox, General Manager; Lisa Soto, Secretary of the Board; Eldon Boone, Assistant General Manager; Don Smith, Director of Water Resources; Brian Smith, Director of Engineering; Brett Hodgkiss, Administrative Services Manager; Dan Dambach, Field Services Manager; Brent Reyes, Water Conservation Specialist; Jennifer Brust, Customer Service Manager; Farrokh Shahamiri, Finance Associate; Al Ducusin, Engineering Manager; Frank Wolinski, Operations Manager; Marlene Kelleher, Finance Manager; and Marian Schmidt, Administrative Assistant. General Counsel Joel Kuperberg was also present.

Other attendees: Cathy Pieroni of the City of San Diego Public Utilities Department.

*Director Franklin arrived at 8:33 a.m.

3. PLEDGE OF ALLEGIANCE

President Dorey led the pledge of allegiance.

4. APPROVAL OF AGENDA

14-11-93	<i>Upon motion by Director Miller, seconded by Director MacKenzie and unanimously carried (4 ayes: Miller, Vásquez, MacKenzie, and Dorey; 1 absent: Franklin), the Board of Directors approved the agenda as presented.</i>
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5. PUBLIC COMMENT TIME

No public comments were presented on items not appearing on the agenda.

6. CONSENT CALENDAR

Director Franklin arrived at this time.

14-11-94 *Upon motion by Director MacKenzie, seconded by Director Vásquez and unanimously carried (5 ayes: Miller, Vásquez, Franklin, MacKenzie, and Dorey), the Board of Directors approved the Consent Calendar, including Resolution No. 14-30 approving disbursements.*

A. Acceptance of Water System

See staff report attached hereto. Staff recommended and the Board accepted the water system for a 14-unit detached condominium project, known as Ironwood Villas, consisting of approximately 1.74 gross acres owned by Iron 2013, L.L.C., a California Limited Liability Company, located at 231 Iron Drive, Vista (PC 23-341; WOI-3062; LN 2007-052; APN 164-083-35; DIV NO 2).

B. Treasurer's Report as of September 30, 2014

See staff report attached hereto. The Board noted and filed this informational report concerning the investments of the District.

C. Minutes of the October 15, 2014 meeting of the Water Sustainability Committee

The Board noted and filed the minutes of the October 15, 2014 meeting of the Water Sustainability Committee which were provided for informational purposes.

D. Minutes of the October 15, 2014 meeting of the Public Affairs Committee

The Board noted and filed the minutes of the October 15, 2014 meeting of the Public Affairs Committee which were provided for informational purposes.

E. Minutes of Board of Directors meeting on October 22, 2014

The minutes of October 22, 2014 were approved as presented.

F. Resolution ratifying check disbursements

RESOLUTION NO. 14-30

BE IT RESOLVED, that the Board of Directors of Vista Irrigation District does hereby approve checks numbered 48661 through 48764 drawn on Union Bank totaling \$167,289.52.

FURTHER RESOLVED that the Board of Directors does hereby authorize the execution of the checks by the appropriate officers of the District.

PASSED AND ADOPTED by the following roll call vote of the Board of Directors of Vista Irrigation District this 5th day of November 2014.

7. CITY OF SAN DIEGO PURE WATER PROGRAM

See staff report attached hereto.

General Manager Roy Coox introduced Cathy Pieroni of the City of San Diego Public Utilities Department who was in attendance to present the City of San Diego's Pure Water Program (Program) through the use of a PowerPoint presentation (attached hereto as Exhibit A). She stated that because San Diego depends on importing 85 percent of its water from Northern California and the Colorado River, the need for a new locally controlled, drought-proof water supply is being addressed through this Program. This potable reuse program will ultimately convert wastewater into drinking water to produce one third of the City of San Diego's drinking water supply by 2035.

The Board received some brief clarifications regarding the information she presented on the Program and thanked Ms. Pieroni for her presentation. Ms. Pieroni left the meeting following this item.

8. DIVISION REPORTS

See staff report attached hereto.

Director MacKenzie requested clarification regarding the water conservation percentages in the District as stated in the Division Reports versus the handout provided to the Board at the dais comparing the District's conservation in September 2014 to September 2013. Assistant General Manager Eldon Boone clarified that the conservation rate stated in the Division Report is for the twelve months ended September 30, 2014 compared to the same period in Fiscal Year 2007 as required by the Governor's 20x2020 Water Conservation Plan. Mr. Boone explained that the handout appeared to not show the timeframe covered due to a formatting error, which caused the timeframe statement to carry over to the other side of the page.

9. WATER CONSERVATION PROGRAMS

See staff report attached hereto.

Administrative Services Manager Brett Hodgkiss presented an overview of the recent Water Sustainability Committee (WSC) meeting and the conclusions reached by the WSC regarding the District's Water Conservation Programs. Mr. Hodgkiss stated that the WSC wanted to be sure that the amount of money expended by the District on these programs is comparable to the level of participation and benefit to the District's customers. Mr. Hodgkiss stated that the District has budgeted \$12,000 for the administration of its own programs. He added that through water purchases from the San Diego County Water Authority (CWA) and indirectly from the Metropolitan Water District (MWD), the District's proportional cost share of the conservation programs offered by MWD and CWA total over \$320,000 for Fiscal year 2015. Mr. Hodgkiss stated that considering the number of turf removal rebates that are currently in process which totals nearly a million square feet, the District will reap a far greater monetary benefit than it paid into these programs.

The Board discussed the \$12,000 that the District has budgeted for its own programs, and how that money may be used. Director MacKenzie asked if the WSC discussed revisiting running the public service announcements at the Krikorian Theater in Vista. Mr. Hodgkiss responded that the theater's management company has changed, and the cost of running these announcements at this local theater has gone up significantly. President Dorey suggested that this idea be kept in mind during the next budget preparation cycle, and if the District wants to run public service announcements at the local movie theater in the future, plans can be made accordingly. Mr. Coox said that staff will continue to try to negotiate a better price with the theater. President Dorey suggested that staff also look into having the conservation themed public service announcement slides shown at Brengle Terrace Park in conjunction with its outdoor summer movies series. Mr. Hodgkiss said that he would look into it.

Director MacKenzie requested that the Board be provided with the attachment to the staff report entitled "Water Conservation Program Summary" on a quarterly basis with one revision to the way the information is presented. She asked that in addition to showing the square footage of turf in the turf removal program, she would also like to see the number of sites represented by the square footage.

10. WATER BILL FORMAT

See staff report attached hereto.

Mr. Hodgkiss said that the Public Affairs Committee (PAC) reviewed the District's water bill to see if the fee entitled "CWA Emergency Water Storage Fee" could be reworded to clarify its meaning. It was ultimately recommended that the line item description be revised to read "County Water Authority Emergency Storage Fee". Mr. Hodgkiss stated that the PAC was also recommending revisions to the reverse side of the bill to make the information more streamlined and concise. The Board discussed these revisions and was in agreement with the PAC's recommendations. The Board discussed with Customer Service Manager Jennifer Brust other possible formatting revisions. Ms. Brust pointed out the space limitations on the front of the bill. Due to space constraints, no formatting changes were recommended to the front of the bill at this time. The Board discussed the "Understanding Your Water Bill" flyer and the possibility of mailing this flyer out to customers annually with their water bills. The Board decided that mailing this flyer could net little value since many people choose not read water bill inserts. The Board decided that this information would be best made available on the District's website where people looking for this specific information can find it.

14-11-95	<i>Upon motion by Director MacKenzie, seconded by Director Miller and unanimously carried (5 ayes: Miller, Vásquez, Franklin, MacKenzie, and Dorey), the Board of Directors authorized changes to the District's water bill text to spell out and clarify fees on the front of the bill and to streamline and increase the font size on the back of the bill.</i>
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14-11-96	<i>Upon motion by Director MacKenzie, seconded by Director Miller and unanimously carried (4 ayes: Miller, Franklin, MacKenzie, and Dorey; 1 no: Vásquez), the Board of Directors authorized the inclusion of the "Understanding Your Water Bill" document on the District's website and declined to mail this document to customers as a billing insert.</i>
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At this time Jennifer Brust left the meeting.

11. DROUGHT AND WATER CONSERVATION PROGRAM OUTREACH EFFORTS

See staff report attached hereto.

The Board discussed the District's outreach efforts to raise awareness about the drought and the availability of water conservation programs. The Board discussed the way information on these matters is disseminated to the District's customers. Mr. Hodgkiss said that the District's website is one venue in which information can be made readily accessible to the public. Mr. Hodgkiss said that the PAC would be discussing a project to update the District's website for improved functionality and aesthetics the following day. Mr. Hodgkiss said that according to website tracking data, the two primary reasons people visit the District's website is to seek employment opportunities and to pay their water bills. The consensus of the Board was that there is value in updating the District's website so customers can go there for information when they need it. The functionality of the website search engine was discussed and Director MacKenzie said that it would be helpful if a search could be restricted to the current tab in order to narrow the search results.

The Board discussed recent community events in which the District participated such as the Vista Chamber of Commerce's Strawberry Festival and the City of Vista's Summer Fest. The Board agreed that there is good value in the District's participation in these events as a means of reaching out to District customers. The Board also was in agreement that speaking engagements with various community groups about conservation matters is another good avenue for outreach. The Board encouraged staff to look for more opportunities to reach out to community groups.

The Board expressed appreciation to the Public Affairs Committee for its review of the District's outreach efforts, and for its recommendation to prepare a flyer to go out with the water bills. However, due to the Board's belief that billing inserts are largely overlooked by the general public, the Board directed that information on water conservation programs be made prominently available on the District's website rather than disseminated with the customer billing. Director Franklin suggested an idea for the future would be for staff to compile an email database for occasional communication with District customers about the programs and benefits which may be available.

14-11-97	<i>Upon motion by Director MacKenzie, seconded by Director Miller and unanimously carried (5 ayes: Miller, Vásquez, Franklin, MacKenzie, and Dorey), the Board of Directors decided not to include information about water conservation programs and incentives as an insert with water bills once a year.</i>
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Brent Hodgkiss and Al Ducusin left the meeting at this time.

12. MATTERS PERTAINING TO THE ACTIVITIES OF THE SAN DIEGO COUNTY WATER AUTHORITY

See staff report attached hereto.

Director Miller reported that the new Water Authority Board Chair will be Mark Weston of the City of Poway, with Mark Muir of the City of Encinitas in line to be Chair the following year. Director Miller said that new committee chair positions will be appointed in the coming months, and he has requested to be chair of the Engineering Committee. Director Miller reported that the Board approved a contract for the San Vicente Bypass Pipeline, and an attorney has been hired to represent the Water Authority in the litigation over the San Vicente Dam Raise Project. Director Miller reported that the Carlsbad Desalination Project is continuing to move forward on schedule.

13. REPORTS ON MEETINGS AND EVENTS ATTENDED BY DIRECTORS, AND AUTHORIZATION FOR DIRECTOR ATTENDANCE AT UPCOMING MEETINGS AND EVENTS

See staff report attached hereto.

Directors Franklin and Miller agreed that between the two of them, at least one would attend the CSDA Quarterly Dinner Meeting on Director MacKenzie's behalf who would be unable to attend due to scheduling conflict. Director MacKenzie stated that there would be a need for at least one District representative to be present at this meeting to cast the District's vote to approve the bylaws for the local CSDA Chapter.

Director Vásquez noted that he is already approved to attend the upcoming meeting of the Council of Water Utilities (COWU), and that he would confirm later in the week if he would be able to attend. Director Dorey requested to attend the upcoming COWU meeting on November 18.

Director MacKenzie reported that she attended a meeting of the CSDA Membership Committee and also a meeting of the Education Committee. She reported that CSDA's membership is continuing to grow, with 53 new members this year and a retention rate of 98 percent. Director MacKenzie stated that the Education Committee discussed the feedback results of the recent CSDA Annual Conference.

Director Dorey reported on his attendance at the recent meeting of the Southern California Water Committee where the new appointments were made to the Executive Committee. The keynote speaker was Democratic state Senator Kevin de León of Los Angeles.

Director Dorey requested one night's lodging for Thursday night at the ACWA Conference in December in San Diego.

14-11-98	<i>Upon motion by Director Franklin, seconded by Director MacKenzie and unanimously carried (5 ayes: Miller, Vásquez, Franklin, MacKenzie, and Dorey), the Board of Directors authorized the following attendances by Directors: Dorey to attend COWU on November 18 in Poway; Franklin and Miller to attend CSDA Quarterly dinner on November 20 in San Diego; Dorey for one night's lodging at the ACWA Conference in San Diego on December 4, 2014.</i>
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A brief break was taken from 10:45 a.m. to 10:57 a.m. Upon return from break, present in the audience were Don Smith, Brian Smith, Marlene Kelleher, Brett Hodgkiss, and Frank Wolinski.

14. ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

See staff report attached hereto.

None were presented.

15. COMMENTS BY DIRECTORS

None were presented.

16. COMMENTS BY GENERAL COUNSEL

None were presented.

17. COMMENTS BY GENERAL MANAGER

Mr. Coox informed the Board that the water level at Lake Henshaw was at 2,764 acre feet with the ongoing pumping but no releases due to the fall canal maintenance period.

Mr. Coox said that Mr. Kuperberg’s firm would be making a presentation on the current drought and about the new Groundwater Legislation to the Orange County Bar Association the following day and Director of Water Resources Don Smith would be in attendance. Mr. Coox said that staff would follow up and report back to the Board on this presentation.

Brett Hodgkiss, Frank Wolinski, and Brian Smith left the meeting at this time.

18. CLOSED SESSION FOR CONFERENCE WITH REAL PROPERTY NEGOTIATORS

President Dorey adjourned the meeting to closed session at 11:04 a.m. for a conference with Real Property Negotiators per Government Code section 54956.8 to discuss the following:

- Property: Northwest corner of Engineer Street and Pipeline Drive, Vista, CA
- Agency Negotiators: Roy Coox, Don Smith
- Negotiating Party: Diamond Generating Corporation
- Under Negotiation: Price and terms

The meeting reconvened in open session at 12:11 p.m. President Dorey declared that no reportable action had been taken.

19. CLOSED SESSION FOR CONFERENCE WITH LEGAL COUNSEL

President Dorey adjourned the meeting to closed session at 12:12 p.m. for a conference with legal counsel per Paragraph (1) of subdivision (d) of Government Code section 54956.9 to discuss the following pending litigation:

- A. San Luis Rey Indian Water Rights Litigation (Settlement)
- B. Quantification Settlement Agreement (QSA)

The meeting reconvened in open session at 12:22 p.m. President Dorey declared that no reportable action had been taken.

Due to the late hour, the Board decided to continue the following two agenda items to the next Board meeting.

20. CLOSED SESSION TO CONDUCT PUBLIC EMPLOYEE PERFORMANCE EVALUATION—GENERAL MANAGER

The performance evaluation of public employee pursuant to Government Code section 54957 was continued to the next Board meeting on November 19, 2014.

21. GENERAL MANAGER COMPENSATION

This item was continued to November 19, 2014.

22. ADJOURNMENT

There being no further business to come before the Board, at 12:23 p.m. President Dorey adjourned the meeting to November 19, 2014 at 9:00 a.m.



Paul E. Dorey, President

ATTEST:



Lisa R. Soto, Secretary
Board of Directors
VISTA IRRIGATION DISTRICT



STAFF REPORT

Agenda Item: 6.A

Board Meeting Date: November 5, 2014
Prepared By: Al Ducusin
Reviewed By: Brian Smith
Approved By: Roy Coox

SUBJECT: ACCEPTANCE OF WATER SYSTEM

RECOMMENDATION: That the Board accept this water system for a 14-unit detached condominium project, known as Ironwood Villas, consisting of approximately 1.74 gross acres owned by Iron 2013, L.L.C., a California Limited Liability Company, located at 231 Iron Drive, Vista (PC 23-341; WOI-3062; LN 2007-052; APN 164-083-35; DIV NO 2).

PRIOR BOARD ACTION:

09/25/13 Approved Waterline Project.
12/16/09 Approved Quitclaim No. 644 quitclaiming Easement No. D77.
04/06/05 Accepted Grant of Right of Way No. D77 via Parcel Map.

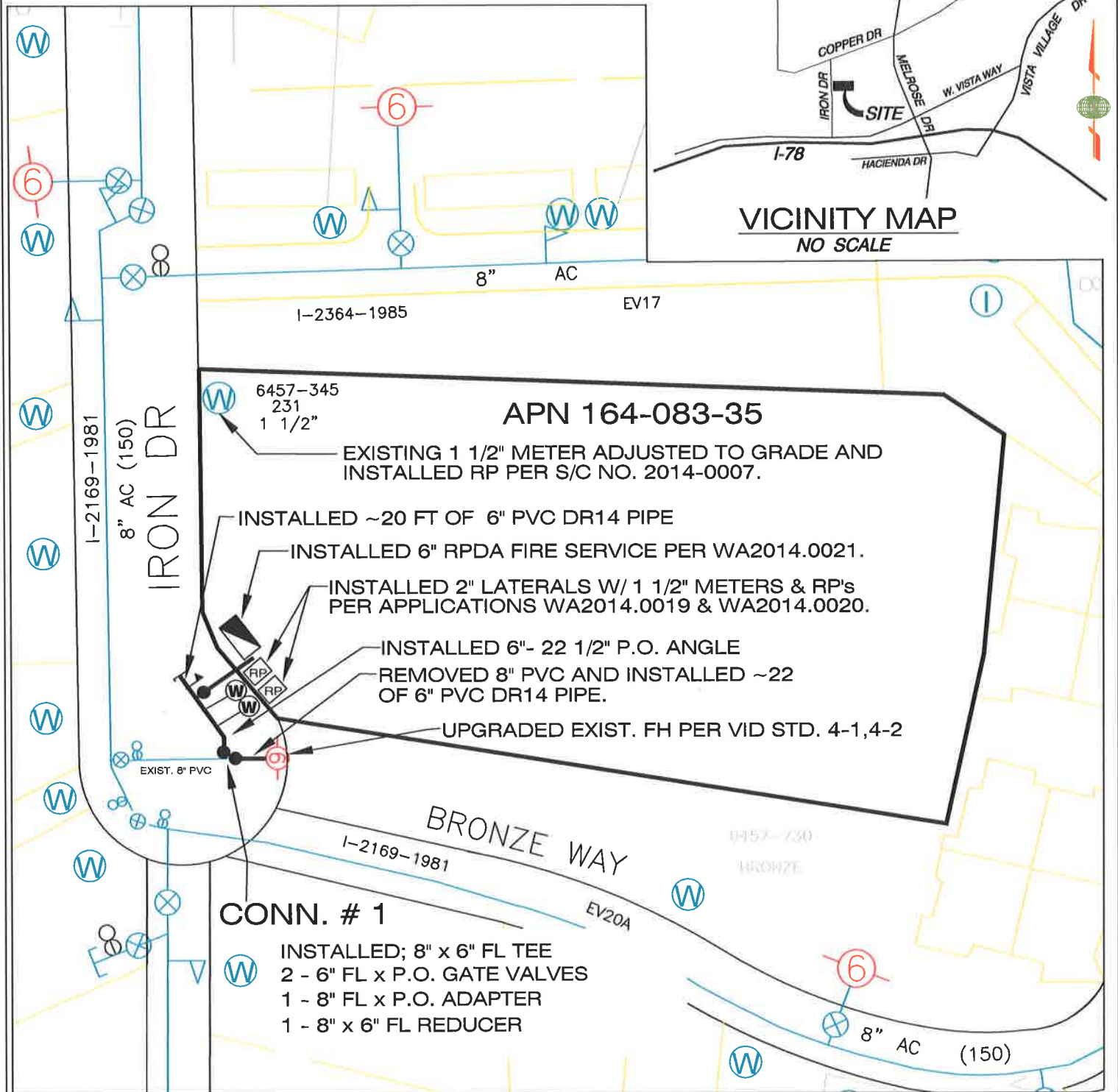
FISCAL IMPACT: None.

SUMMARY: The water system is ready for acceptance by the Board which will allow the Notice of Acceptance to be filed with the County Recorder.

DETAILED REPORT: All the work required by the construction contract (WOI-3062) has been completed. Under District inspection, the developer's contractor installed approximately 20 feet of 6" PVC, 22 feet of 6" fire service lateral, and two 1 1/2" domestic water services.

ATTACHMENT: See attached map.

EXHIBIT "A"



VISTA IRRIGATION DISTRICT

IRONWOOD VILLAS 231 IRON DRIVE

APN	164-083-35	T.B.	1087-E6
SCALE	NO SCALE	L.N.	2007-052
APPD. BY	<i>AP</i>	DATE	<i>10/29/14</i>
DRAWN BY	JV	DATE	11/15/13
SHEET	1 OF 1	MAP	D14
REVISED: 10/17/14 Al Ducusin			
PATH: Z:\Engineering\JOBS\Jobs\3062 Ironwood Villas\Iron Dr Board Exhibit.dwg			

OWNER:

IRON 2013, L.L.C.,
3194 C-1 AIRPORT LOOP DRIVE
COSTA MESA, CA 92626

ENGINEER:

LDDC
2313 E. PHILADELPHIA ST., STE. F
ONTARIO, CA 91761





STAFF REPORT

Agenda Item: 6.B

Board Meeting Date:	November 5, 2014
Prepared By:	Farrokh Shahamiri
Reviewed By:	Marlene Kelleher
Approved By:	Eldon Boone

SUBJECT: TREASURER’S REPORT AS OF SEPTEMBER 30, 2014

RECOMMENDATION: Informational report concerning the investments of the District.

SUMMARY: Attached for review by the Board of Directors is the Treasurer’s Report as of September 30, 2014. The report is formatted to provide information as required by the California Government Code and the Vista Irrigation District Investment Policy. The Treasurer’s Report contains both an investment summary and a detailed security listing. Also attached is a five-year cash flow forecast, which indicates the District’s investments are sufficiently liquid to meet anticipated cash flow needs.

DETAILED REPORT: Activity for the quarter included deposits and withdrawals from the District’s cash and cash equivalent accounts: checking, California Asset Management Program (CAMP), and Local Agency Investment Fund (LAIF). During the quarter \$3 million of Treasury bills matured and \$4.5 million of new Treasury bills were purchased.

As of September 30, 2014, the net unrealized gain on the portfolio was as follows:

	<u>Unrealized Gain</u>
Treasury Bills	\$13,395
LAIF	<u>2,324</u>
Net Unrealized Gain	<u>\$15,719</u>

All investment transactions have been made in accordance with the District’s Investment Policy and market value information is obtained from the Wall Street Journal.

The following is a five-year summary of the District’s investment portfolio:

	<u>9/30/10</u>	<u>9/30/11</u>	<u>9/30/12</u>	<u>9/30/13</u>	<u>9/30/14</u>
Total Portfolio	\$21,678,885	\$26,802,812	\$24,366,828	\$30,084,686	\$34,854,951
Unrealized Gain	\$43,998	\$39,308	\$18,800	\$21,361	\$15,719
Weighted Average Maturity	114 Days	85 Days	100 Days	81 Days	83 Days
Portfolio Interest Rate	0.37%	0.24%	0.20%	0.16%	0.15%

ATTACHMENTS: Treasurer’s Report
Securities Detail
Cash Flow Projection

**Vista Irrigation District
TREASURER'S REPORT
September 30, 2014**

<u>Category</u>	<u>Maturity Value</u>	<u>Percentage Permitted by Board Policy</u>	<u>Actual Percentage</u>	<u>Weighted Average Maturity (in Days)</u>	<u>Current Interest Rate</u>
Cash and Cash Equivalents					
Checking/Petty Cash	\$ 882,774	n/a	2.5%	0	0.00%
California Asset Management Program	6,653,856	40%	19.1%	1	0.05%
Local Agency Investment Fund	12,818,321	40%	36.8%	1	0.25%
	<u>20,354,951</u>		<u>58.4%</u>	<u>1</u>	<u>0.17%</u>
Securities					
U.S. Treasury	14,500,000	100%	41.6%	198	0.12%
Total Portfolio	<u>\$ 34,854,951</u>		<u>100.0%</u>	<u>83</u>	<u>0.15%</u>

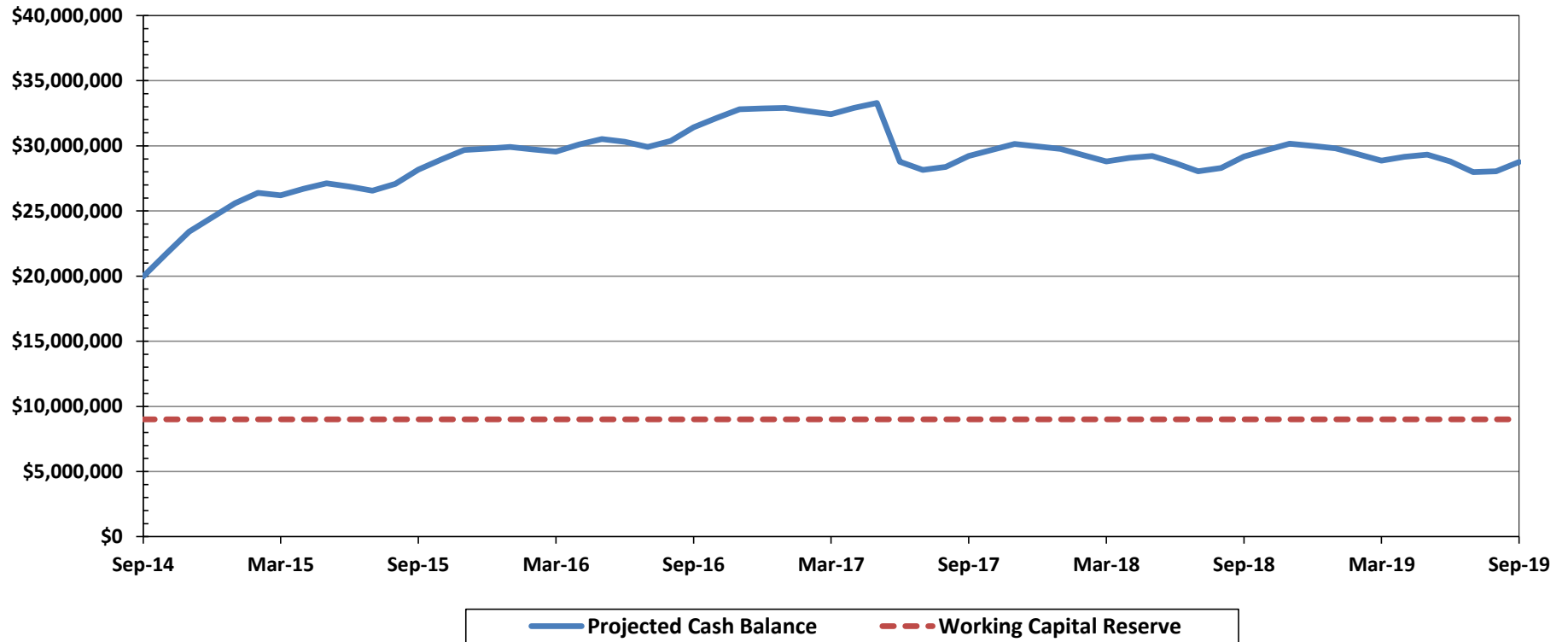
Notes:

- ◆ This report excludes accrued interest and employee flexible spending accounts.
- ◆ California Asset Management Program (CAMP) is a California Joint Powers Authority (JPA) established to provide California public agencies with professional investment services. The CAMP pool is a permitted investment for all local agencies under California Government Code Section 53601(p). The market valuation is provided by PFM Asset Management LLC.
- ◆ Local Agency Investment Fund (LAIF) is a pool of funds invested for California governmental agencies and is managed by the State Treasurer's Office of the State of California. The market valuation is provided by the State Treasurer's Office.
- ◆ The above portfolio is in full compliance with the District's Investment Policy.
- ◆ The District's investment portfolio is adequate to meet the District's cash flow requirements for the next six months.

Vista Irrigation District
SECURITIES DETAIL
September 30, 2014

Issuer	Investment Type	Interest Rate	Maturity Date	Days to Maturity	Maturity Value	Cost	Market Value	Unrealized Gain
U.S. Treasury	Treasury Bill	0.162%	10/16/14	16	\$ 1,000,000	\$ 998,382	\$ 1,000,000	\$ 1,618
U.S. Treasury	Treasury Bill	0.137%	11/13/14	44	1,000,000	998,635	999,982	1,347
U.S. Treasury	Treasury Bill	0.137%	12/11/14	72	1,000,000	998,635	999,975	1,340
U.S. Treasury	Treasury Bill	0.127%	01/08/15	100	1,000,000	998,736	999,959	1,223
U.S. Treasury	Treasury Bill	0.117%	02/05/15	128	1,000,000	998,837	999,939	1,101
U.S. Treasury	Treasury Bill	0.122%	03/05/15	156	1,000,000	998,787	999,882	1,096
U.S. Treasury	Treasury Bill	0.127%	04/02/15	184	1,000,000	998,736	999,786	1,050
U.S. Treasury	Treasury Bill	0.107%	04/30/15	212	1,000,000	998,938	999,811	873
U.S. Treasury	Treasury Bill	0.096%	05/28/15	240	1,000,000	999,039	999,786	747
U.S. Treasury	Treasury Bill	0.112%	06/25/15	268	1,000,000	998,888	999,688	800
U.S. Treasury	Treasury Bill	0.112%	07/23/15	296	1,500,000	1,498,332	1,499,392	1,060
U.S. Treasury	Treasury Bill	0.107%	08/20/15	324	1,500,000	1,498,407	1,499,101	694
U.S. Treasury	Treasury Bill	0.105%	09/14/15	349	1,500,000	1,498,180	1,498,626	446
		<u>0.119%</u>		<u>198</u>	<u>\$ 14,500,000</u>	<u>\$ 14,482,532</u>	<u>\$ 14,495,927</u>	<u>\$ 13,395</u>

**Vista Irrigation District
CASH FLOW PROJECTION
September 30, 2014**





Cash Disbursement Report

Payment Dates 10/3/2014 - 10/15/2014

Payment Number	Payment Date	Vendor	Description	Amount
48661	10/08/2014	Active Auto Collision	Refurbished Utility Boxes (6)	900.00
48662	10/08/2014	A-1 Healthcare Center	Customer Refund/Closing	338.94
48663	10/08/2014	Airgas USA LLC	Spark Lighter	63.06
48664	10/08/2014	Benetrac	Employee Benefit Tracking 10/2014	400.00
48665	10/08/2014	Big Apple Bagels	All Hands Mtg 09/23/14	54.97
48666	10/08/2014	C&R Drains & Plumbing Inc.	Snake Drain At Pump Station	125.00
	10/08/2014		Repaired Fill Valve - Damage Claim	175.00
48667	10/08/2014	Capital One Commercial	Microwave	151.19
	10/08/2014		Microwave (Returns)	(151.89)
	10/08/2014		Microwave	145.79
	10/08/2014		Microwave (Returns)	(151.19)
	10/08/2014		Camera	186.99
	10/08/2014		Picnic Supplies	197.50
	10/08/2014		Picnic Supplies	274.34
	10/08/2014		Warehouse Supplies	462.95
	10/08/2014		Warehouse Supplies	693.00
	10/08/2014		D1-D5 Distribution Review Training	87.84
	10/08/2014		Swim Event	61.93
	10/08/2014		All Hands Mtg 09/23/14	150.00
48668	10/08/2014	Cecilia's Safety Service Inc	Traffic Control - S Melrose	185.00
48669	10/08/2014	Central Voice	Answering Service 09/2014	46.00
48670	10/08/2014	City of Vista	Annual Sewer Charges 07/01/14-06/30/15	4,331.00
48671	10/08/2014	Crozier's Flowers	Flowers	70.47
48672	10/08/2014	Diamond Environmental Services	Portable Restroom Service	135.57
	10/08/2014		Portable Restroom Service	29.09
	10/08/2014		Portable Restroom Service	84.88
48673	10/08/2014	Doreen Northway	Customer Refund - Closing	31.61
48674	10/08/2014	Escondido Metal Supply	Metal for New Truck	53.97
48675	10/08/2014	Evoqua Water Technologies LLC	D.I. Service for Lab	102.00
48676	10/08/2014	Fastenal	Cutting Oil, Bolts - Shop Use	43.02

Payment Number	Payment Date	Vendor	Description	Amount
48677	10/08/2014	FreeWave Technologies Inc	Ethernet Radio & Antenna Cable	570.19
48678	10/08/2014	FreeWave Technologies Inc	Antenna Cable for Well 11A	55.17
	10/08/2014		Antenna Cable for Well 14A	55.17
	10/08/2014		Antenna Cable for Well 76	55.17
	10/08/2014		Antenna Cable for Well 34A	55.17
	10/08/2014		Antenna Cable for Well 78	55.17
48679	10/08/2014	Gemini Pest Control Inc	Removal of Bees (3)	255.00
48680	10/08/2014	D.H. Maintenance Services	Janitorial Service - Window Washing	45.00
48681	10/08/2014	Glennie's Office Products Inc	Office Supplies	13.87
	10/08/2014		Office Supplies	90.34
48682	10/08/2014	Home Depot Credit Services	Nailer	290.52
	10/08/2014		Material/Supplies for MD Reservoir & Building	315.52
	10/08/2014		Refrigerator Filter	48.80
	10/08/2014		Combo Padlock for Welding Shop	16.24
	10/08/2014		Framing Hammer - Truck 69	27.08
	10/08/2014		Screen & Supplies - MD Reservoir	89.25
	10/08/2014		Material for Roof Overhang Pump Station 11	47.73
	10/08/2014		Roofing Material for Plant 3	488.61
	10/08/2014		Roofing Material for Plant 3	276.21
	10/08/2014		Roofing Material for Plant 3	302.94
	10/08/2014		Easy Square for Roofing Plant 3	11.36
	10/08/2014		Roofing Material for Plant 3	225.95
	10/08/2014		Mortar/Cement to Repair Flume Roof	19.43
	10/08/2014		Mortar/Cement to Repair Flume Roof	12.95
	10/08/2014		Electric Range for Weir House	656.64
	10/08/2014		Material to Install Mag Flow Water Meters	227.59
48683	10/08/2014	Icebox Jr	Interview Panel- Systems Op I/II 09/30/2014 (4)	27.80
48684	10/08/2014	Iron 2013 LLC	Customer Refund / Closing	345.48
48685	10/08/2014	Kenneth Dehart Construction	Refund Service Change 2014-0015	4,031.00
48686	10/08/2014	Kimball Midwest	Drill Bits, Penetrate Oil	52.48
48687	10/08/2014	Lightning Messenger Express	Messenger Service 09/05/2014	14.50
48688	10/08/2014	Midas	Tires & Mounting (4) - Truck 63	440.85
48689	10/08/2014	Moodys	Dump fee (5)	250.00
48690	10/08/2014	NAPA Auto Parts	Door Rubber Bumpers - Truck 20	12.15
	10/08/2014		Oil Filter - Truck 41	3.36
	10/08/2014		Bracket - Truck 20, Oil & Air Filter - Truck 60	24.02

Payment Number	Payment Date	Vendor	Description	Amount
48691	10/08/2014	North County Auto Parts	Protective Gloves - Shop	17.35
	10/08/2014		Air Hose, Fittings - Shop	27.17
	10/08/2014		Hose Fittings - Shop	12.54
48692	10/08/2014	OCHS Oil Co	Fuel 09/2014	11,652.81
48693	10/08/2014	Pacific Pipeline Supply	Bolt Nut Set	138.01
48694	10/08/2014	Pacific Safety Center	Forklift Operator Training 8/26-8/27/2014	2,695.00
	10/08/2014		Forklift Operator 9/11/2014	115.00
48695	10/08/2014	Phenova Inc	HPC PT Analysis	166.61
48696	10/08/2014	RC Auto & Smog	Replace Cylinder Coil - Truck 72	233.40
	10/08/2014		Smog Test - Truck 60	50.00
	10/08/2014		Smog Test - Truck 79	50.00
	10/08/2014		Ignition Switch & Lock Cylinder - Truck 21	460.69
48697	10/08/2014	Rincon del Diablo MWD	Water Service - MD Reservoir 09/2014	38.11
48698	10/08/2014	San Diego Gas & Electric	Gas 09/2014	210.48
	10/08/2014		Electrical Transmission 09/2014	4,795.50
48699	10/08/2014	SKS Inc	Fuel	100.35
48700	10/08/2014	The UPS Store 0971	Shipping 09/2014	8.77
48701	10/08/2014	TS Industrial Supply	Head Lights	672.70
	10/08/2014		Towel Wypall X80	480.11
	10/08/2014		Towel 1CG47 Scrub	227.85
	10/08/2014		Knee Pad ultralight with hardshell	84.63
48702	10/08/2014	UC Regents	VID Scholarship	375.00
48703	10/08/2014	UniFirst Corporation	Uniform Services	348.66
48704	10/08/2014	Valley Camper Sales 2	Lightbar Mounting Brackets	62.64
48705	10/08/2014	Verizon Wireless	Service 08/21/2014-09/20/2014	208.92
48706	10/08/2014	Vista Firestone Brake & Smog	Install Front Caster/Camber Kit & Align - Truck 60	241.89
48707	10/08/2014	Vulcan Materials Company and Affiliates	Cold Mix	2,069.93
48708	10/08/2014	Walters Wholesale Electric Co	Welder Cable & Locking Connector	233.72
	10/08/2014		Motor Saver Fuses	54.53
48709	10/08/2014	WIN-911 Software	Annual Maintenance Renewal -SCADA Alarm	395.00
48710	10/15/2014	ACWA/JPIA	Workers Compensation 7/1/2014- 9/30/2014	56,136.00
48711	10/15/2014	Allied Electronics Inc	Phoenix Contact SCADA Hardware	53.95
48712	10/15/2014	ASCE Membership	Membership Renewal	275.00
48713	10/15/2014	AT&T Mobility	Aircard	38.77
48714	10/15/2014	CDW Government Inc	APC SmartUPS 2200VA RM 2U LCD	1,003.63
	10/15/2014		AIT Overnight\Next Day shipping	124.25

Payment Number	Payment Date	Vendor	Description	Amount
	10/15/2014		APC Temperature & Humidity Sensor	130.20
	10/15/2014		APC UPS Network Management Card 2	428.58
48715	10/15/2014	Cecilia's Safety Service Inc	Traffic Control - Calle Bienvenido	504.00
	10/15/2014		Traffic Control - Phillips St	567.00
	10/15/2014		Traffic Control - Crest, Ocean View Dr	4,586.00
	10/15/2014		Traffic Control - Highland Dr, Maryland DR	630.00
48716	10/15/2014	Diamond Environmental Services	Portable Restroom Service	135.00
48717	10/15/2014	Dion International Trucks Inc	Air Filters, Mud Flaps - Truck 44	58.56
	10/15/2014		Batteries (3) - Truck 52	315.51
48718	10/15/2014	EDCO Waste & Recycling Services Inc	Trash/Recycle 09/2014	204.01
	10/15/2014		40 yd Trash Bin Haul 09/2014	465.29
48719	10/15/2014	Eldon Boone	CSDA Conference 9/28-10/2/2014 R Vasquez	51.93
	10/15/2014		CSDA Conference 9/28-10/2/2014 J MacKenzie	51.93
	10/15/2014		CSDA Conference 9/28-10/2/2014 R Vasquez (Reimb)	51.93
	10/15/2014		CSDA Conference 9/28-10/2/2014	446.03
48720	10/15/2014	Electrical Sales Inc	Electric Conduit & Hardware - Plant 9	255.34
	10/15/2014		Electric Conduit Fitting - Lupine Hills Reservoir	84.88
	10/15/2014		Drill Bits / Taps - SCADA Panel HB Reservoir	21.87
	10/15/2014		Cable Restraints	112.45
	10/15/2014		Hammond SCADA Enclosures and Hardware	2,592.50
	10/15/2014		SCADA Panel - Pechstein/Station 12	1,148.96
48721	10/15/2014	Eurofins Eaton Analytical Inc	PH QC of Agar	30.00
48722	10/15/2014	Fastenal	Cable Ties, Bolts, Nuts, Threaded Rod - Shop	108.89
48723	10/15/2014	Ferguson Waterworks	Coupling 8" Repair PVC C900	794.22
	10/15/2014		Flange 10" SOW	234.36
	10/15/2014		Air Vent Enclosure	2,245.95
	10/15/2014		Out of Service Fire Hydrant Bags (25)	67.81
48724	10/15/2014	Fleet Pride	Oil Cap - T19	18.36
48725	10/15/2014	Fountain Car Wash	Car Wash Tokens	480.00
48726	10/15/2014	FreeWave Technologies Inc	FreeWave Ethernet Radios, Antennas, and Hardware	5,306.86
	10/15/2014		Antenna Cable Adapters - Pechstein SCADA Panels	213.84
48727	10/15/2014	Garza Paving	Patch Paving - Sunkist	935.00
	10/15/2014		Patch Paving - Countrywood Ln	782.05
	10/15/2014		Patch Paving - Avocado Dr	1,913.95
	10/15/2014		Patch Paving -Plymouth Dr	548.80
	10/15/2014		Patch Paving -Similax Rd	685.50

Payment Number	Payment Date	Vendor	Description	Amount
	10/15/2014		Patch Paving - Cypress	1,050.40
	10/15/2014		Patch Paving - Camino Corto	615.50
	10/15/2014		Patch Paving - Lynette	504.55
	10/15/2014		Patch Paving-Portola Pl	548.80
	10/15/2014		Patch Paving - Coventry	2,665.35
	10/15/2014		Patch Paving - Austin Ct	548.80
48728	10/15/2014	Geib Lumber Company	Sinkers for Drain line - Vista Way	12.35
48729	10/15/2014	Gemini Pest Control Inc	Bee Removal (9)	765.00
48730	10/15/2014	Glennie's Office Products Inc	Office Supplies	678.56
	10/15/2014		Office Supplies	304.87
	10/15/2014		Office Supplies	253.87
	10/15/2014		Office Supplies	126.93
	10/15/2014		Office Supplies	(346.98)
	10/15/2014		Office Supplies	(177.94)
48731	10/15/2014	Grainger	Door Sweep Brush for Water Feature	36.49
48732	10/15/2014	HD Supply Waterworks	Adapter 10" Cast Iron POxFL	303.80
48733	10/15/2014	Icebox Jr	Interview Panel Lunch 10/7/14	33.51
48734	10/15/2014	IDEXX Distribution Corporation	Bac-t Bottles, Bac-t Media	1,859.51
48735	10/15/2014	IGOE	Flexible Benefit Fee 10/15	195.00
48736	10/15/2014	Interstate Battery of San Diego Inc	Battery - L5, Shop Tool Battery Rebuilt	179.87
48737	10/15/2014	IPMA-HR	Annual Membership Dues	390.00
48738	10/15/2014	Jo MacKenzie	CSDA Conference	404.02
	10/15/2014		ACWA Executive Committee & Board of Directors Mtg	468.52
48739	10/15/2014	Kimball Midwest	Fuse, Fuse Holder, Spray Paint	75.11
48740	10/15/2014	Lighthouse Inc	Circuit Breaker (2) - Truck 20	80.46
48741	10/15/2014	Lisa Soto	CSDA Conference	142.72
48742	10/15/2014	Moody's	Dump fees (3)	150.00
	10/15/2014		Dump fees (4)	200.00
	10/15/2014		Dump fees (3)	150.00
48743	10/15/2014	North County Auto Parts	Ignition Spray Sealer - Shop	6.39
	10/15/2014		Oil Filter - Truck 63	3.59
	10/15/2014		Oil & Air Filter - Truck 52	48.32
	10/15/2014		Extension Cord - Shop	119.34
	10/15/2014		Wiper Blades, Spray Lube - Shop	38.30
48744	10/15/2014	OCHS Oil Co	Fuel/Oil 09/2014	760.91
48745	10/15/2014	Pacific Pipeline Supply	PVC Pipe	19.13

Payment Number	Payment Date	Vendor	Description	Amount
	10/15/2014		Coupling/Sewer Pvc Pipe	175.90
48746	10/15/2014	Pacific Safety Center	Membership Renewal	380.00
48747	10/15/2014	Pacific Technical Products Corp	Opto 22 SCADA Hardware	16,510.37
48748	10/15/2014	Quality Chevrolet	Air Brake Supply Hose - Truck 51	115.89
	10/15/2014		Air Brake Supply Hose - Truck 51	115.89
48749	10/15/2014	Ramco Petroleum	Fuel 09/2014	1,232.31
48750	10/15/2014	Ramona Disposal Service	Trash Service 09/2014	147.53
48751	10/15/2014	RC Auto & Smog	A/C Recharge & Dye	100.25
	10/15/2014		Smog Test - Truck 16	50.00
48752	10/15/2014	Roy Coox	CSDA Conference	148.32
48753	10/15/2014	S & J Supply Company Inc	Fire Hydrant 4x2.5 (4)	2,269.82
48754	10/15/2014	San Diego Gas & Electric	Electric 09/2014	101.92
	10/15/2014		Electric 09/2014	64.20
48755	10/15/2014	San Diego IPMA-HR	Meeting 10/16/2014 (2)	40.00
	10/15/2014		Meeting 10/16/14 - nonmember (1)	45.00
48756	10/15/2014	Sonsray Machinery LLC	Safety Decals, Seat Cushion Kits - F1	388.09
48757	10/15/2014	Spok, Inc	Pager Service 10/14	28.97
48758	10/15/2014	State Board of Equalization	Sept '14 Use Tax Return	19.00
48759	10/15/2014	Steven Engineering	Solenoids - SCADA Pulse Control Parts	451.33
48760	10/15/2014	Sunrise Materials Inc	Concrete 90lb bag (105)	652.63
48761	10/15/2014	TS Industrial Supply	Band Clamp Tool	241.93
	10/15/2014		Strap 1"x12' Ratchet	106.76
48762	10/15/2014	UniFirst Corporation	Uniform Services	352.55
48763	10/15/2014	VG Donuts & Bakery Inc	Board Meeting 10/08/2014	31.04
48764	10/15/2014	Vista Firestone Brake & Smog	Tires & Mounting (2) - T-19	292.82
	10/15/2014		Tire & Mounting - G-24	158.68
Grand Total:				167,289.52



STAFF REPORT

Agenda Item: 7

Board Meeting Date: November 5, 2014
Prepared By: Brian Smith
Approved By: Roy Coox

SUBJECT: CITY OF SAN DIEGO PURE WATER PROGRAM

RECOMMENDATION: Receive presentation on the City of San Diego's Pure Water Program.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: Impact to regional water rates is unknown at this time.

SUMMARY: Cathleen Pieroni, from the City of San Diego, will provide a presentation to the Board on the City's Pure Water Program.

DETAILED REPORT: The City of San Diego is addressing the need for a new locally controlled, drought-proof water supply. The City currently depends on importing 85 percent of its water from Northern California and the Colorado River. A Water Reuse Study, Recycled Water Study and Water Purification Demonstration Project determined that it is feasible for San Diego to use water purification technology to produce one third of San Diego's drinking water supply locally by 2035. Pure Water San Diego, the City's 20-year program to produce purified water to supplement San Diego's drinking water supply, is underway.

The next step in the approval process for the City of San Diego's Pure Water program involves addressing the discharge permit for the Point Loma Wastewater Treatment Plant by mid-2015. Achieving secondary treatment standards at Point Loma is proposed to be based on a new approach of offloading a portion of the wastewater flow upstream of the Plant and treating it to the level of purified water rather than treating the wastewater to secondary levels at the end point for ocean discharge. This approach provides the added benefit of a new water supply source for the region according to the following schedule:

15 mgd of potable reuse by 2023
An additional 15 mgd by 2027
An additional 53 mgd by 2035

Permit stakeholders have reached agreement regarding the parameters of the City of San Diego's 2015 National Pollutant Discharge Elimination System (NPDES) modified Permit Application for the Point Loma Wastewater Treatment Plant. The City is seeking resolutions of support for this proposed approach from other governing bodies over the next couple of months.



Pure Water
SAN DIEGO





San Diego Water/Wastewater Facts



**Provide services to
8th largest US city
& surrounding
area**

**1.3M water &
2.5M wastewater
customers from
12 agencies**

**Regulated by
Federal & State
agencies**

**USEPA,
State Water
Resources
Control Board**

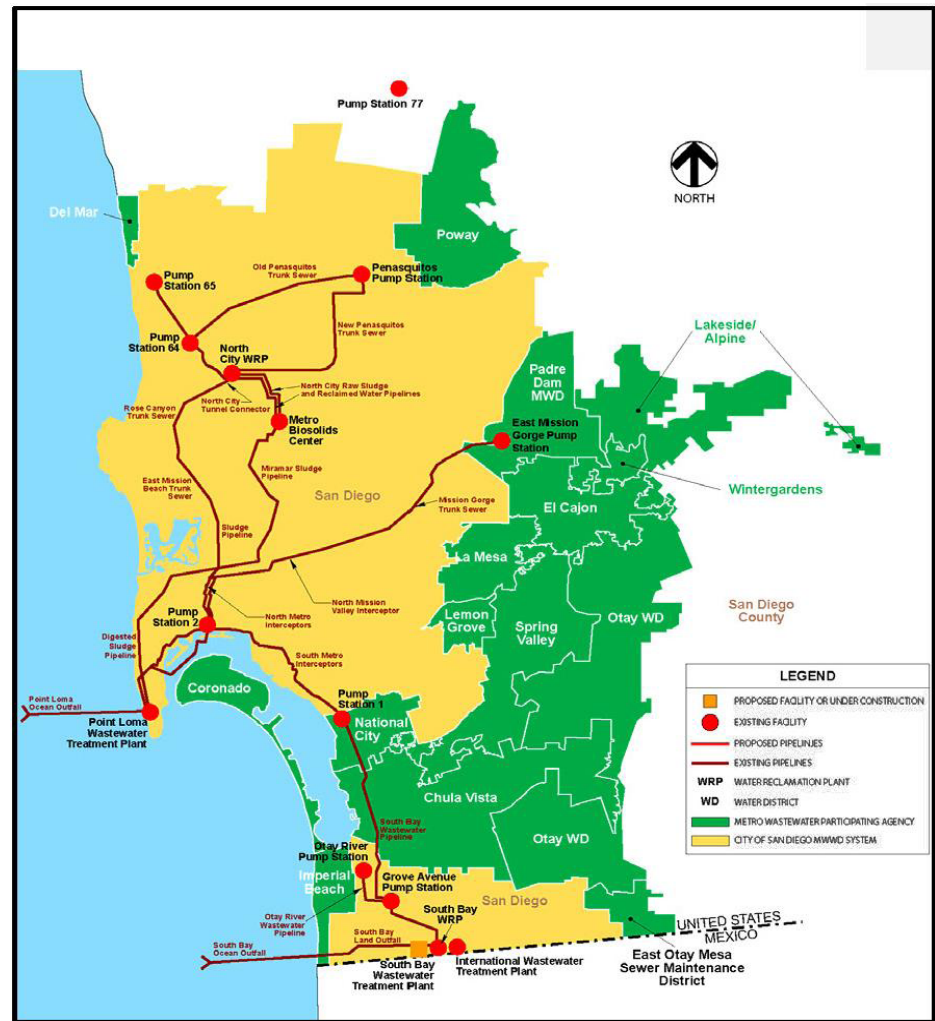
**Point Loma
Wastewater
Treatment
Facility Operates
Under a
Modified Permit
from the EPA**

**Annual
purchases of
imported water
represent 43% of
the Water
Department's
Total Budget**



Wastewater Treatment System

- Significant Regional Asset:
 - 2.5 million served
 - 12 Participating Agencies
 - 4 Wastewater Facilities
- Point Loma is the main treatment facility
 - Operates with a 5-year modified permit
 - Renewal application due to EPA in January 2015

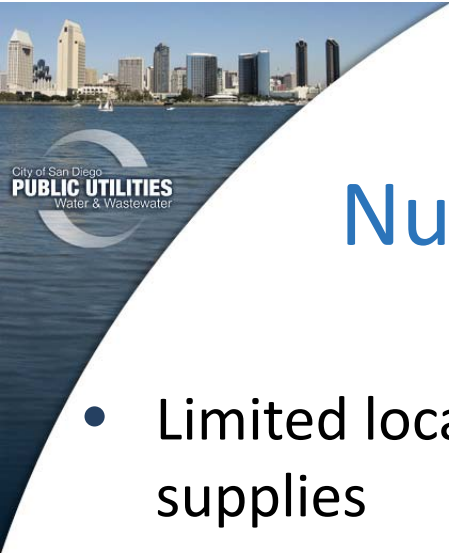


Water System Overview



System Features

- Approximately 290,000 retail metered service connections
- 9 Impounding Reservoirs with 416,000 AF Capacity
- 3 Water Treatment Plants
- > 3,200 Miles of Pipeline
- 49 Pump Stations
- > 110 Pressure Zones
- Active watershed protection program, with over 40,000 acres preserved in upper watersheds

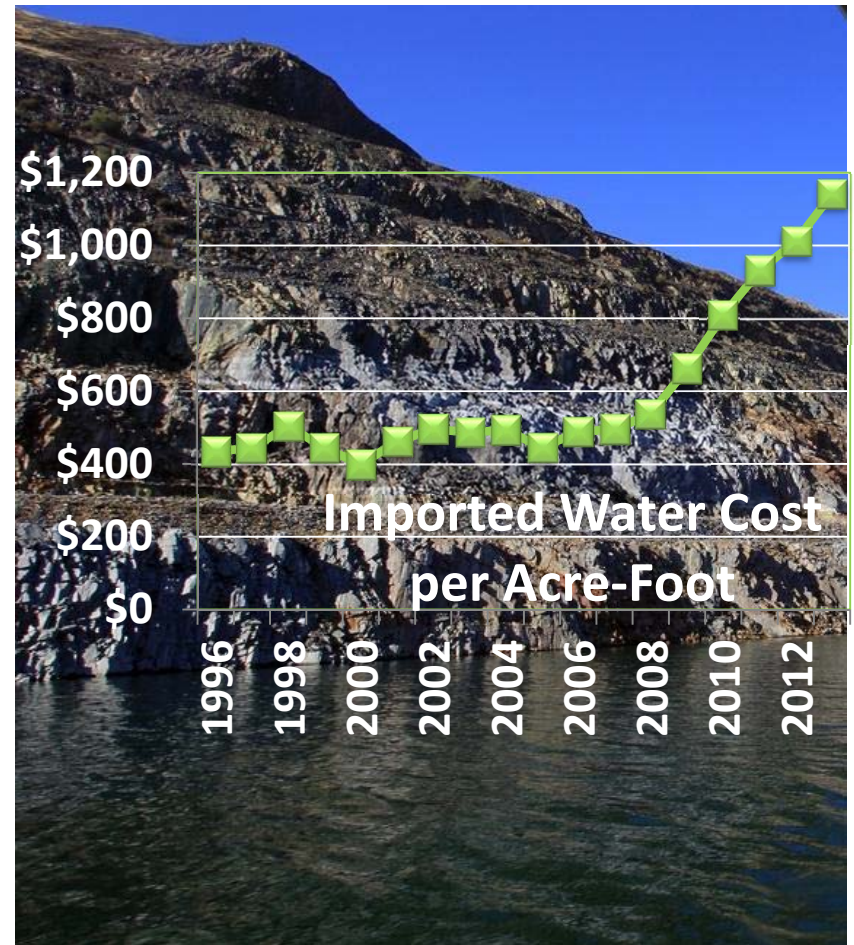


Numerous Water Challenges

- Limited local & imported supplies
- Recurring drought
- Population growth
- Bay Delta constraints
- Natural disaster risk
- Rising imported water costs

Los Angeles Times
'Severe' drought covers nearly 99.8% of California, report says

AUGUST 18, 2014, 11:43 AM





What is Pure Water San Diego?

- 20-year program to provide a safe, reliable and cost-effective drinking water supply for San Diego
- Uses proven water purification technology and is environmentally friendly
- Provides a locally controlled, drought-proof water supply
- Eliminates the need for expensive upgrades to the Point Loma Wastewater Treatment Plant





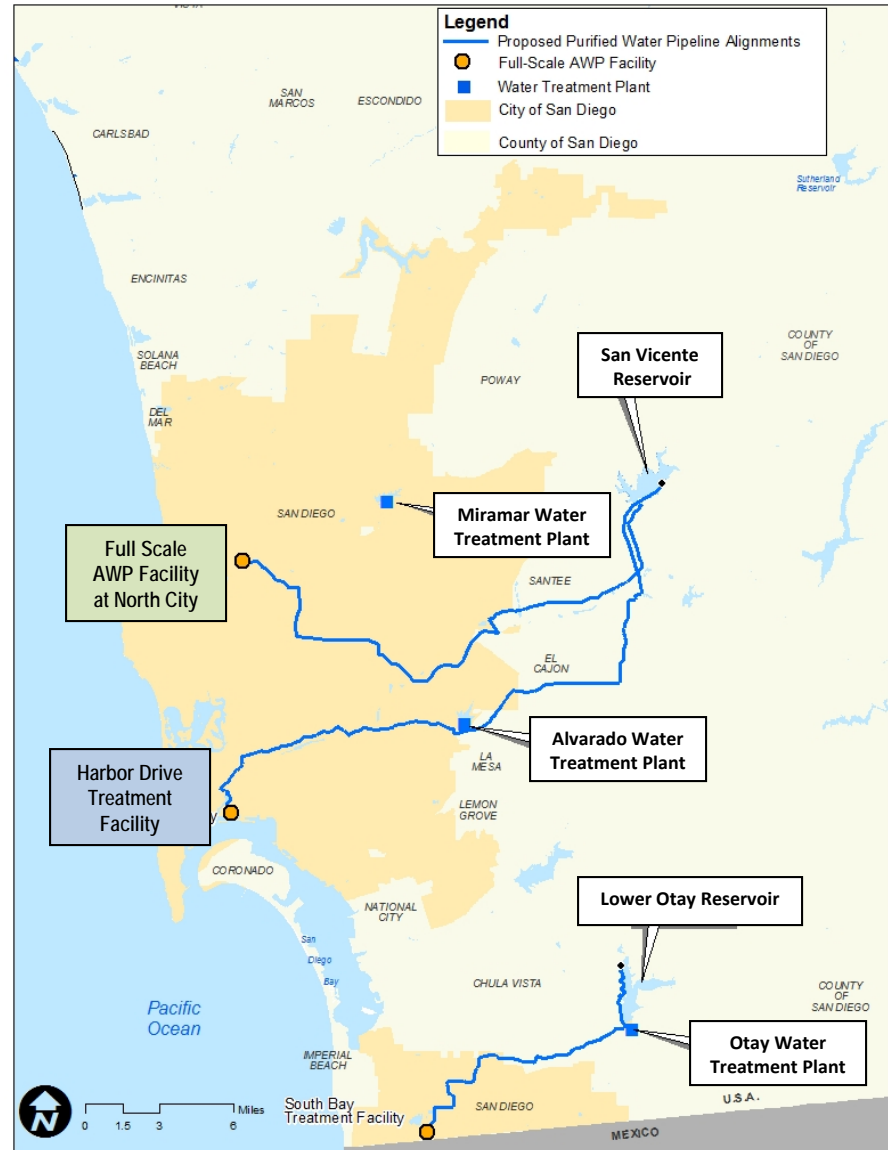
Developing Our Local Water Supply

Initial phase
2023

15 MGD
Wastewater will be purified at North City Plant and delivered to San Vicente Reservoir

Long-term
2035

83 MGD
Wastewater will be purified at Harbor Drive Treatment Facility and South Bay Plant and delivered to San Vicente and Otay Reservoirs





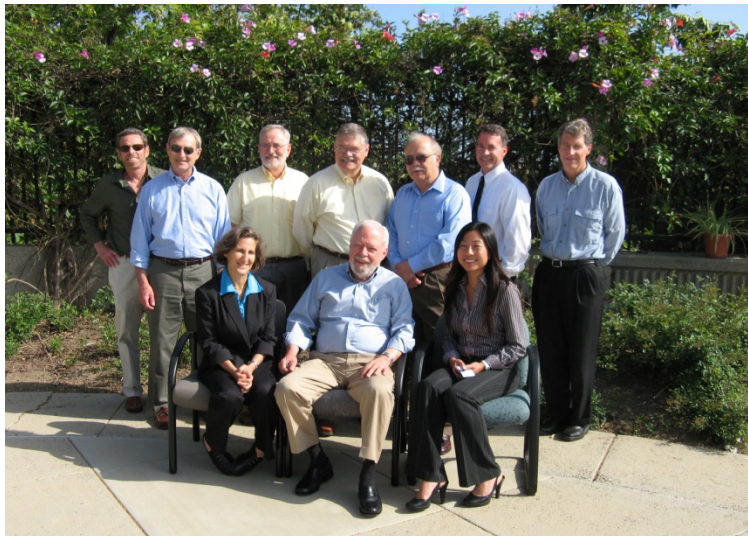
State & Federal Regulators Are Supportive

- September 7, 2012, California Department of Public Health approves the San Vicente Reservoir Augmentation Concept
- February 12, 2013, the Regional Water Board supports the City's efforts to develop the San Vicente Reservoir Augmentation Project





Independent Advisory Panel Verified



Experienced scientists & health professionals reviewed and evaluated research studies and treatment

[George Tchobanoglous, Ph.D., P.E., Chair](#)

Professor Emeritus, UC, Davis

[Richard Gersberg, Ph.D., Vice-Chair](#)

Interim Director, SDSU Graduate School of Public Health

Director, Coastal and Marine Institute, SDSU

[Michael A. Anderson, Ph.D.](#)

University of California, Riverside

[Sunny Jiang, Ph.D.](#)

University of California, Irvine

[Richard Bull, Ph.D.](#)

Consulting Toxicologist

MoBull Consulting (Richland, WA)

[Joseph A. Cotruvo, Ph.D.](#)

Principal

Joseph Cotruvo Associates (Washington, D.C.)

[Michael P. Wehner](#)

Director of Water Quality and Technology
Orange County Water District (Fountain Valley, CA)

[James Crook, Ph.D., P.E.](#)

Water Reuse Consultant (Boston, Massachusetts)

[David R. Schubert, Ph.D.](#)

The Salk Institute for Biological Studies

[Audrey D. Levine, Ph.D., P.E., DEE](#)

U.S. Environmental Protection Agency



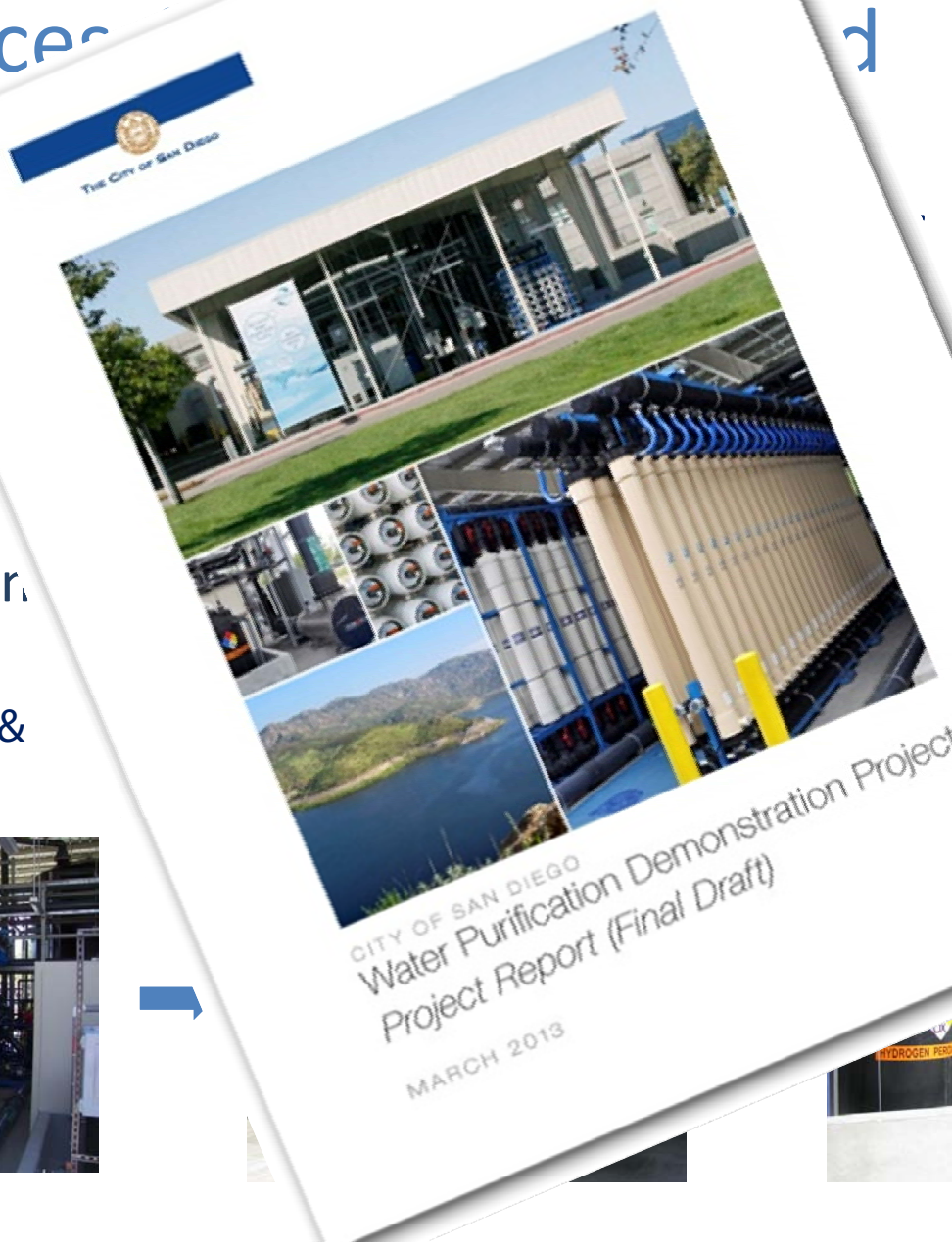
Pure Water Success

Has Been

1 million

- Con...
- Excep...
- Energy approxin...

Microfiltration & Ultrafiltration



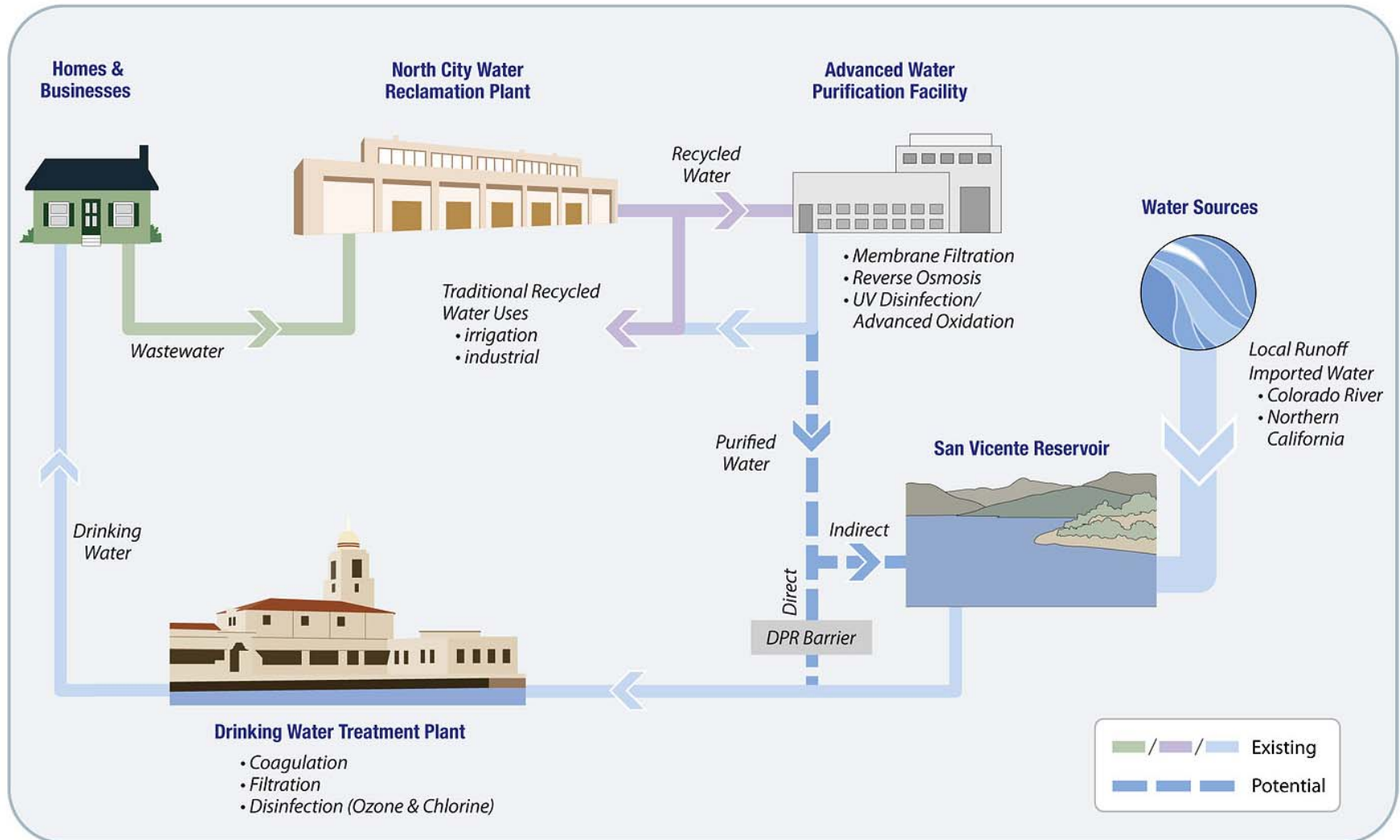
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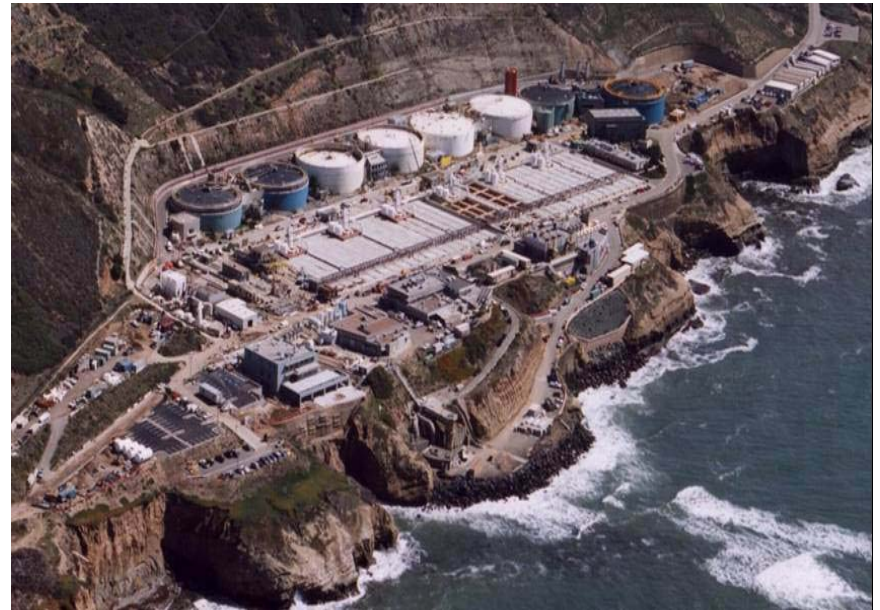
How Does This Process Work?





Pure Water Supports Permit Renewal

- Commitment to Pure Water would divert flow from Pt. Loma
- Reduces treated water flow to the ocean
- Supports federal approval to allow for “secondary equivalency” at Point Loma

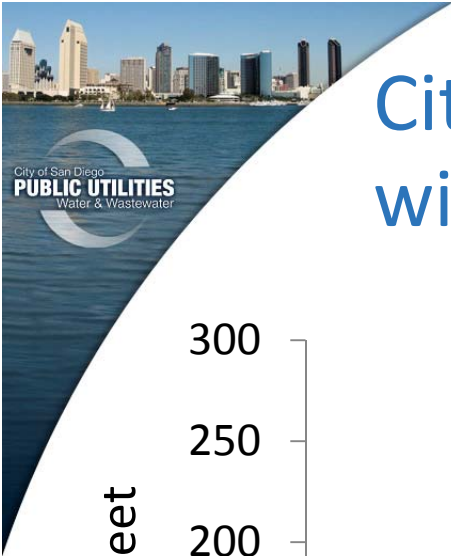




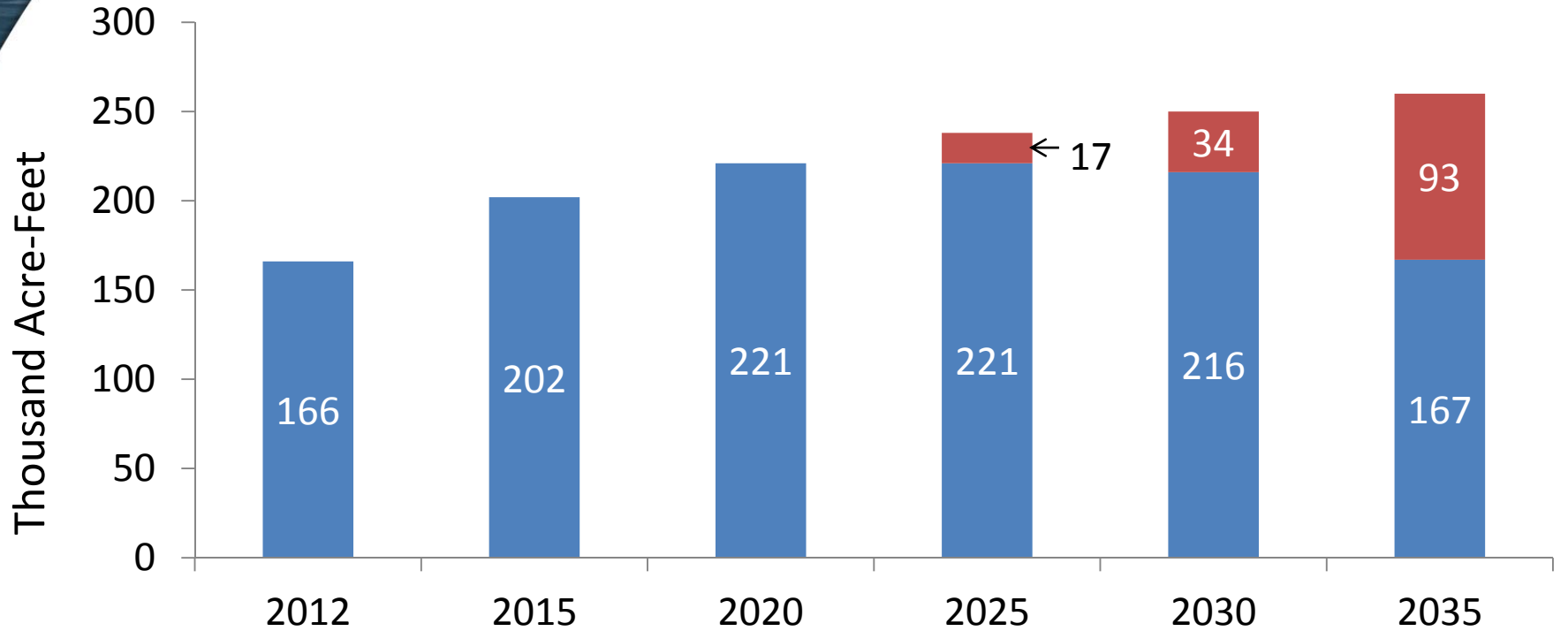
Secondary Equivalency

- Secondary treatment achieves certain levels of water quality in the flow to the ocean
- We can achieve the same outcome and avoid expensive upgrades by reducing flow to the plant
- In the process we create Pure Water, while protecting ocean water quality

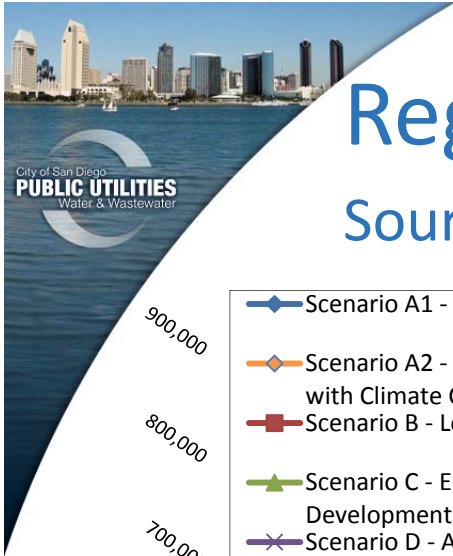




City of San Diego Demands on SDCWA with Projected Pure Water Project

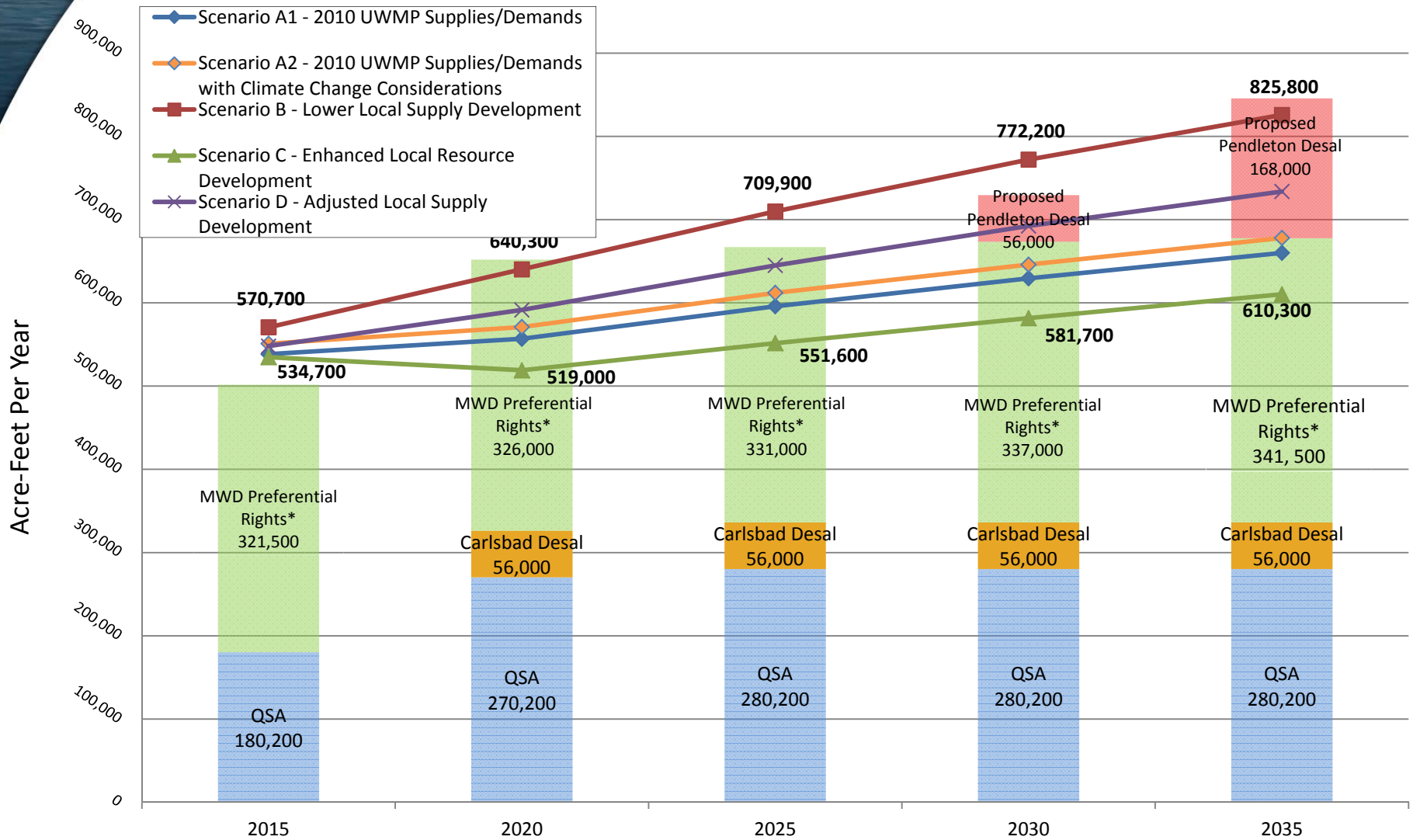


- Projected Pure Water Project (City of San Diego 2012 Recycled Water Study)
- Existing and Projected City of San Diego Demand on SDCWA (Assume 2010 UWMP Projected Local Supplies)



Regional Demands Vs. Supply

Source: 2013 SDCWA Master Facilities Plan Update



*MWD Preferential Rights are based off of Multiply Dry Water Year Supply and Demand Assessments between 2012–2033; 2033 MWD preferential right was used for 2035. (Source: San Diego County Water Authority 2010 Urban Water Management Plan)



Who Supports Pure Water?

- Elected Officials
 - City Council Resolution, April 29, 2014
- Environmental Groups
- Wastewater Participating Agencies
- Professional Engineering Community
- Water Reliability Coalition
- Business Community
- Independent Rates Oversight Committee



Friends of Infrastructure



Pure Water San Diego Next Steps

- Stakeholder and customer outreach - Ongoing
- Solicitation for engineering and technical support services - Underway
- Finalize facilities plan and cost estimate/Rate impact – January 2015
- Point Loma permit application - January 2015
- Secondary equivalency federal approval – December 2015





Find Out More!

- Visit our website:
PureWaterSD.org
- Register for tours:
PureWaterSD.org/tours
- Join our mailing list or sign
a support card



Pure Water San Diego



@PureWaterSD

Watch us on



purewatersd



Please check all that apply:

- I support the Pure Water San Diego Program.
- I would like to receive updates about Pure Water San Diego.
- I would like a presentation given to my organization.

Please send information to:

Name: _____ Organization: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ E-mail: _____

purewatersd@sandiego.gov • (619) 533-7572 • www.purewatersd.org



Questions?

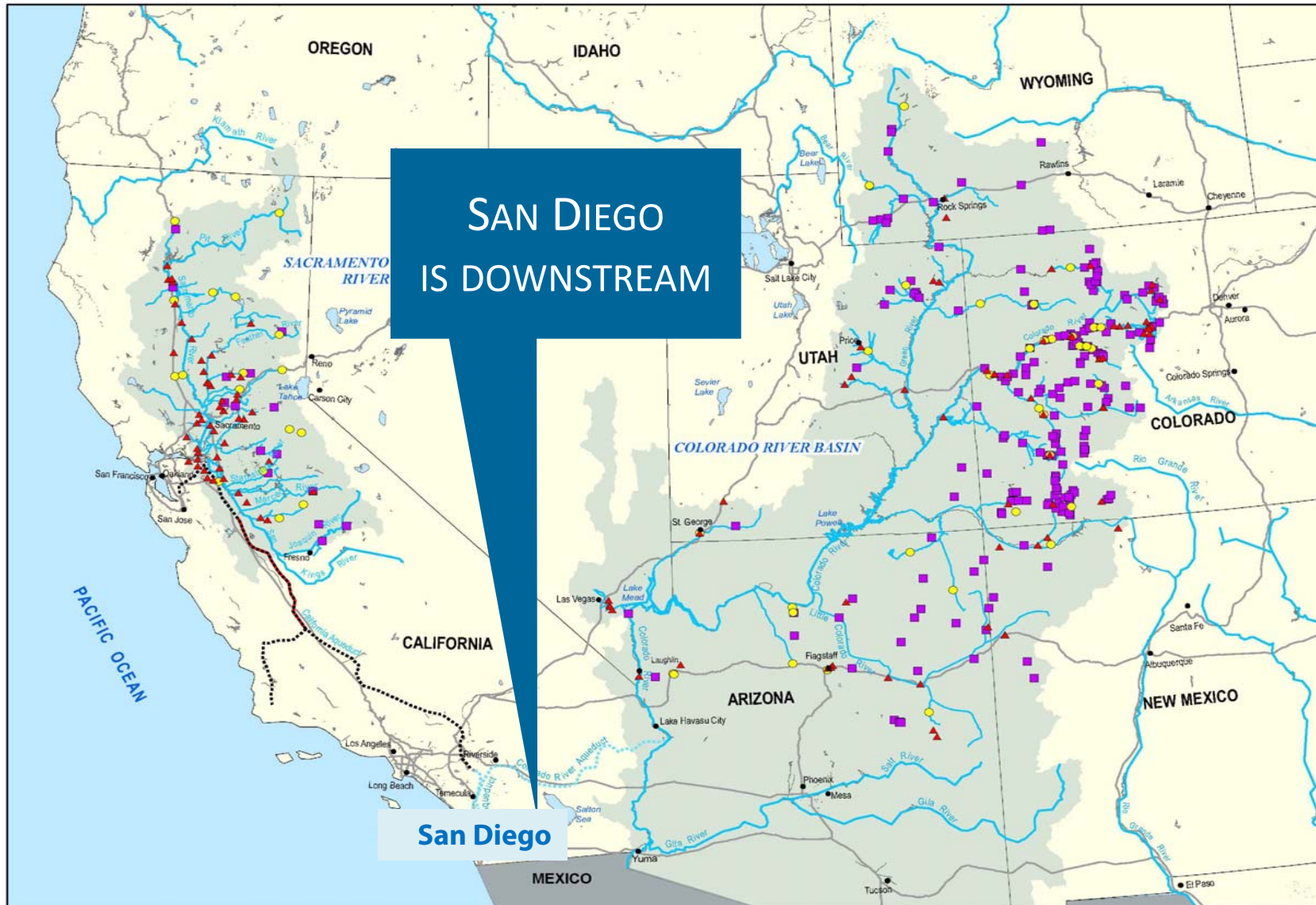




Back Up Slides



85% of San Diego's Water is Imported



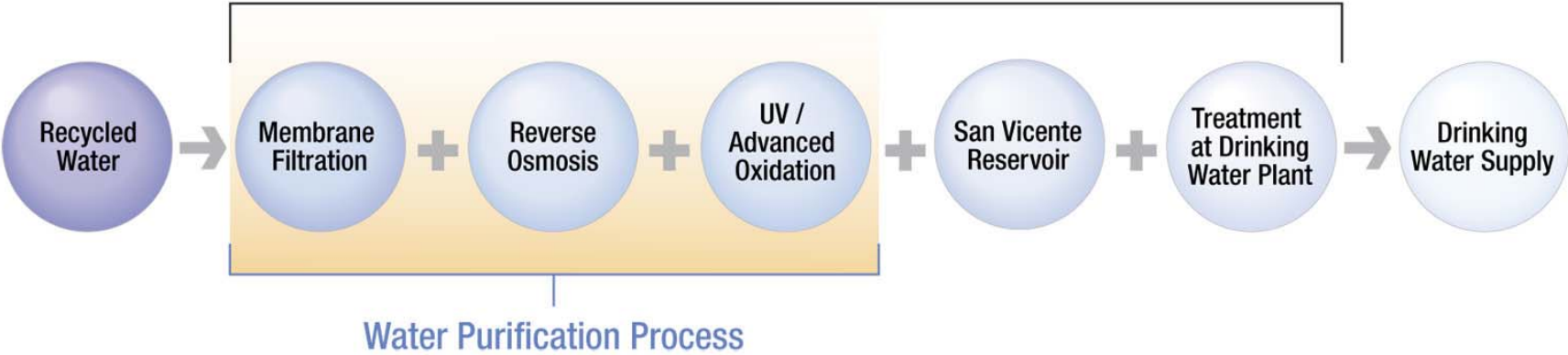
SAN DIEGO
IS DOWNSTREAM

San Diego



WATER PURIFICATION PROCESS

Multi-Barrier Water Purification Steps



Microfiltration & Ultrafiltration



Reverse Osmosis



Ultraviolet Light / Hydrogen Peroxide

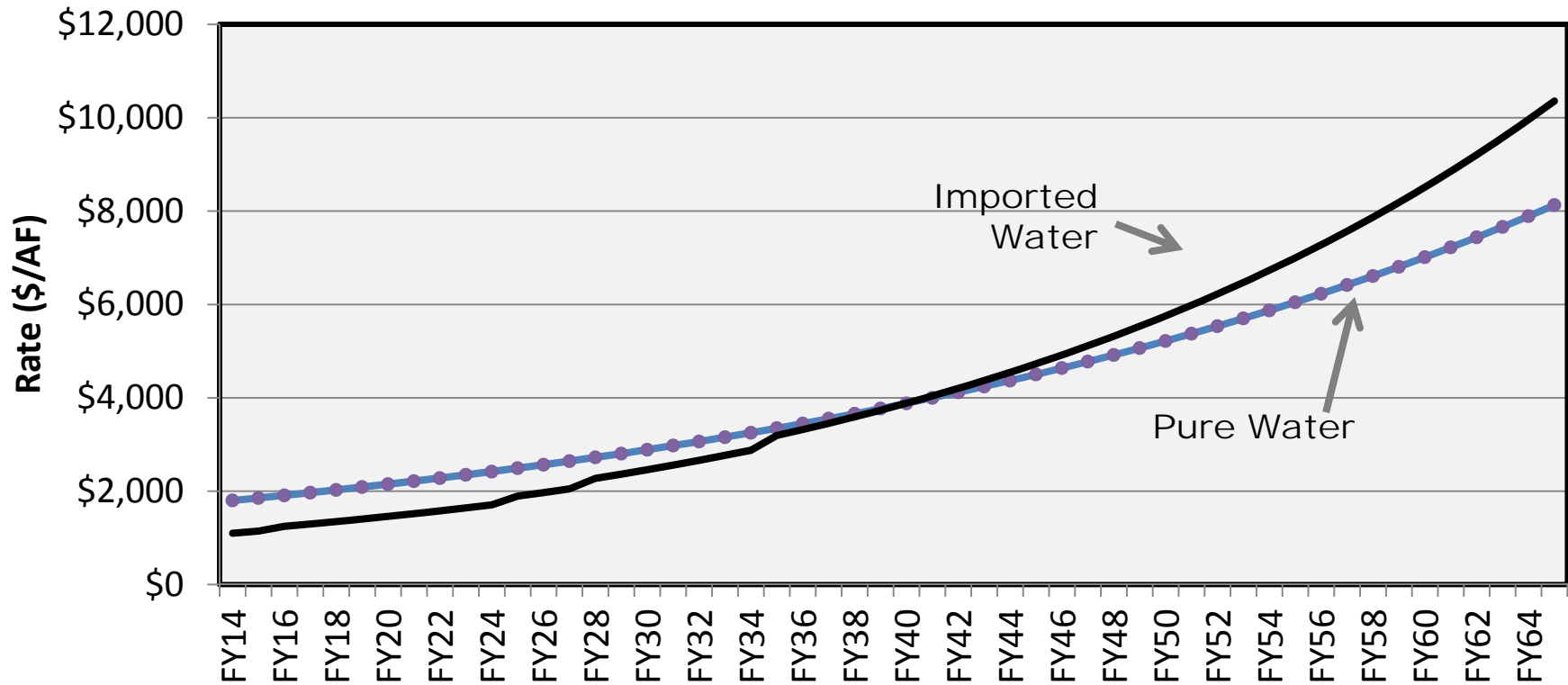


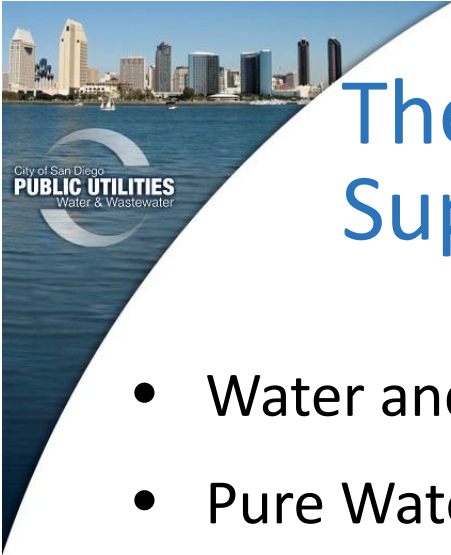


Pure Water Will be Cheaper in the Long Run

Pure Water becomes cheaper than imported water

Comparison of Pure Water Costs and Imported Costs





The Pure Water San Diego Water Supply Will Require Investment

- Water and Wastewater rates are set every **2 years**
- Pure Water San Diego will annually require a **1-2% water bill increase from** 2016-20 and 3-5% annually from 2021-25
- It will require an annual increase of **about 3%** on the monthly wastewater bill starting in 2019 through 2025
- Other costs will also affect our water and wastewater including imported water costs, desalination costs, and repair/replacement of the water and wastewater systems
- Pure Water San Diego will **SAVE** money in the long run



STAFF REPORT

Agenda Item: 8

Board Meeting Date: November 5, 2014
Prepared By: Eldon Boone, Brian Smith
Don Smith
Approved By: Roy Coox

SUBJECT: DIVISION REPORTS

RECOMMENDATION: Note and file informational report.

PRIOR BOARD ACTION: None.

FISCAL IMPACT: None.

SUMMARY: Previous month's and anticipated activities are reported by each division.

ADMINISTRATION AND FIELD SERVICES DIVISION

October

- Hosted one-day Homeowner Landscape Class.
- Presented information on water supply conditions and the drought to Grace Presbyterian Church group.
- Participated in Horizon Distributors' water conservation event.
- Held a Public Affairs Committee meeting to review the current water bill format and water conservation and drought outreach activities; held a Water Sustainability Committee meeting to review water conservation programs currently available to District customers.
- **For the twelve months ended September, 30 2014, the District's conservation rate was 20%, which exceeds its 20 X 2020 conservation target for 2015 and meets its target for 2020.**
- Issued a news release regarding the District receiving the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association. The release was contained in the Brown and Caldwell (BC) Water News email bulletin.
- Continued implementation of Tyler Financial System.
- Coordinated annual Employee Health, Safety and Benefits Fair.
- Coordinated Employee Open Enrollment for 2015.
- Coordinated orientation for two interns from the San Diego County Water Authority Regional Water and Wastewater Internship Program.
- Completed recruitments for System Operator, Water Quality Operator and Laborer positions. Richard Gangloff accepted the job offer for one of the System Operator positions and Chris Weatherwax was offered and accepted an in-house promotion to the other System Operator position. Austin Casey accepted the job offer for the Water Quality Operator position. Ryan Carlson and Steve Frey were offered and accepted in-house promotions to Laborer positions.
- Completed main line installation on Ocean View Drive (Phase 1) – 1,200' of 8" pipe, 25 services and 2 fire hydrants.
- Continued main line installation on Ocean View Drive (Phase 2) – 1,800' of 8" pipe, 36 services and 3 fire hydrants.

November

- Coordinate participation in the 2014 Vista Christmas Parade.
- Hold a Public Affairs Committee meeting to review California Special Districts Association (San Diego Chapter) educational grant applications, District Scholarship Contest materials, District website design and development requests for proposal, and information to be contained in the 2014 Annual Report and Spring Newsletter.
- Present information on water supply/drought conditions and water conservation programs to Shadowridge Homeowners Association Greenbelt Committee.
- Prepare and mail information about agricultural water program options to Transitional Special Agricultural Water Rate participants.
- Continue implementation of Tyler Financial System.
- Begin recruitments for Welder I and Facilities Worker positions.
- Coordinate a Traffic Control class for field employees. This class will be open to other water districts.
- Continue main line installation on Ocean View Drive (Phase 2) – 1,800’ of 8” pipe, 36 services and 3 fire hydrants.

ENGINEERING DIVISION

October

- Continued working on design of main replacement projects.
- Continued discussions with City of Carlsbad and Oceanside staff for purchase of recycled water from Carlsbad.
- Attended meeting of the North County Recycled Coalition.

November

- Mainline Replacement Projects in Design (current projects): Buena Creek Road, Canyon Drive, Ocean View (Park Avenue to Crest Drive), Alley Way (North Santa Fe and Indiana Avenue), S. Melrose Drive (storm drain crossings), E. Vista Way, Mason Road, E. Vista Way (Larkhill to Corvalla), N. Citrus Avenue, Nevada Avenue, Lemon Avenue, Lado De Loma, Eddy Drive, Peters Drive, Rancho Vista Drive, Bandini Place.,
- AB Line Replacement (Esplendido Avenue and Companero Drive) and Meyers Siphon Replacement Projects – Staff has reviewed proposals from three consultants and selected Infrastructure Engineering Corporation (IEC) to design replacement/rehabilitation options. Staff is in the process of negotiating fees and a final scope of work for consideration by the Board at a future Board meeting.
- Mainline Replacement Projects in Planning (future projects): E. Vista Way (Foothill Dr. to Arcadia Ave.), Estrelita Dr., HN Line (Gopher Canyon to Fairview), Peach Grove Lane, Palomar Place, Oak Drive, Ora Avo Drive, Shale Rock, McGavran Drive, Camino Patricia, Camino Corto, Primrose Avenue, Las Flores Drive, La Mirada Drive, Descanso Avenue, S. Santa Fe Pipeline (Mar Vista Dr. to Montgomery Dr.), Phillips Street, and Pump Station No. 10 by-pass (Blue Bird Canyon Road), Mar Vista Dr., Rockhill Rd., San Clemente Ave.
- City of Vista Projects: Paseo Santa Fe Streetscape Improvements- Phase I along South Santa Fe Avenue from Main Street to Oceanview Dr. (D-2242, CIP 8232) - Downtown Redevelopment Project. Staff to continue to provide inspection of water facilities affected by street improvements.
- CWA Projects: Carlsbad Desalination Project (Contractor Kiewit Shea Desalination-KSD) Continuing construction within Carlsbad Segment- Melrose Drive and Faraday Ave.; Pipeline 3 Relining Project, Portal 5 (Contractor L.H. Woods & Sons, Inc.)- Contractor utilizing District leased property near Pechstein reservoir. Staff to provide inspection of water facilities affected by lining project.
- Attend meeting of the North County Recycled Coalition.

WATER RESOURCES DIVISION

VID Water Production September 2014

Description	Current Month Production		Average Production of Last 12 Months		Total, Fiscal Year-to-Date
	(mgd)	(af)	(mgd)	(af)	(af)
VID's EVWTP Production					
Local Water	3.14	289.20	1.18	111.18	945.40
SDCWA Raw Water	9.01	829.90	8.16	762.37	2,372.40
Subtotal (EVWTP Production)	12.16	1,119.10	9.35	873.54	3,317.80
Oceanside Contract Water (*)	5.82	536.00	5.20	485.10	1,839.80
SDCWA Treated Water	1.85	170.50	3.52	330.33	722.90
TOTAL WATER PRODUCTION	19.83	1,825.60	17.64	1,648.54	5,880.50

* Averages since November 2013

Lake Henshaw and Warner Ranch Wellfield statistics are summarized as follows:

Lake Henshaw

Storage as of October 28, 2014:	2,653 af (5% of 51,774 af capacity)
Current releases:	0 cfs
Change in storage for month of September:	478 af (loss)
Total releases for month of September:	621 af
Hydrologic year-to-date rain total:	0.87 inches (October 28, 2014)
Percent of yearly average rain:	3% (30-year average: 24.75 inches)
Percent of year-to-date average rain:	37% (30-year average through October: 2.34 in.)

Warner Ranch Wellfield

Number of wells running in September:	14
Total production for month of September:	627 af
Average depth to water table (October):	95 ft

October

- Pechstein SCADA CIP – completed SCADA panel construction and installed new signal conduits for HB reservoir. Re-located existing SCADA panel and installed a new enclosure at Station # 12.
- Performed pump and motor preventative maintenance at Station # 3 and # 10.
- The State Water Resources Control Board (SWRCB) conducted their triennial sanitary survey of the distribution system October 14–16, 2014. A final report is pending.
- Analyzed 100 routine (reportable to SWRCB) bacteriological samples. All samples were negative for total coliforms (TC-). The average chlorine residual for October was 2.51 mg/L.
- WQ Calls/Incidents for October – received one discolored water call and one taste and odor complaint. The discolored water call was resolved with minimal flushing of the private system. The taste and odor complaint was indeterminate.
- Annual Heterotrophic Plate Count (HPC) proficiency samples were processed on September 19, 2014. VID laboratory personnel correctly enumerated the samples and the results were sent to the SWRCB.
- Conducted a four day flume shutdown to facilitate repairs on Twin Oaks siphon and the MW weir. Additionally, the Borden Bench epoxy pilot project was inspected.

- Completed interviews for two System Operator vacancies and one Water Quality Operator vacancy. Offers were accepted by Chris Weatherwax (internal candidate), Richard Gangloff and Austin Casey respectively.
- Maintained roads and ditches on the Warner Ranch; cleaned weeds off of face of Henshaw Dam.
- Installed three new mag flow meters on wells.
- Furnished eight steel gates for pasture fences to grazing lessee.

November Projections

- Recondition pump and motor # 3 at Station # 10.
- Collect fourth quarter Stage 2 THM/HAA samples.
- Prepare for 10-day SDCWA treated water shutdown.
- Continue panel construction and begin software development for Pechstein SCADA CIP.

WARNER RANCH, SAN LUIS REY RIVER, FERC and ESCONDIDO ISSUES

- Attended the preconstruction meeting of the EVWTP Disinfection and Electrical Systems Upgrade Project; the contractor expects to mobilize in November.
- Attended the annual assessment meeting for the Naval Base Coronado Integrated Natural Resources Management Plan, of which Remote Training Site Warner Springs is a part.
- Met with Diamond Generating Corporation to discuss potential lease of property.
- Attended semi-annual Quagga working group meeting at the San Diego County Water Authority Operations Center.
- The District continues to upload monthly static water level data for the six VID monitoring wells in the CASGEM program to the CASGEM website.
- Cattle counts for October: Hettinga – 1,269 Mendenhall – 7 (short term minimum).
- See the attached reports on activity for August 2014 for the Lake Henshaw Resort, Inc.

ATTACHMENTS: Lake Henshaw Resort, Inc., Activity Reports – August 31, 2014



**LAKE HENSHAW RESORT, INC.
ACTIVITY REPORT
AS OF August 31, 2014**

	2013 Aug	2013 Sep	2013 Oct	2013 Nov	2013 Dec	2014 Jan	2014 Feb	2014 Mar	2014 Apr	2014 May	2014 Jun	2014 Jul	2014 Aug	12 MO AVG
Fishing Permits	756	437	287	205	101	171	242	267	619	776	797	681	725	512
Boat Launches	8	2	0	2	14	9	6	5	34	46	44	23	12	20
Motor Boats (full day rental)	87	30	15	9	32	32	19	19	47	73	81	66	55	51
Motor Boats (half day rental)	11	5	4	2	0	3	3	1	4	10	21	8	14	6
Campground/Head Count	2,150	1,191	776	365	158	264	307	411	693	2,077	859	2,249	2,413	970
Campground/Cars, Trucks, etc.	710	260	278	77	25	54	75	108	179	765	253	560	719	290
Campground/Recreational Vehicles	11	15	6	20	7	10	11	12	13	20	10	32	3	15
Mobile Home/Spaces	66	66	66	63	63	61	61	60	61	59	59	59	59	64
M.H.P. Daily (Visitors/Head Count)	156	123	102	119	115	76	88	107	134	127	94	123	119	123
M.H.P. (Residents/Head Count)	93	93	93	86	86	85	85	83	85	82	82	82	82	90
Storage	9	9	9	8	8	6	6	6	6	6	8	8	8	9
Cabins	239	126	118	150	93	141	166	167	230	188	150	201	217	162
Hunters	0	0	0	0	175	171	0	0	0	0	0	0	0	29



**WATER SUSTAINABILITY
COMMITTEE REPORT**

Agenda Item: 9

Meeting Date: November 5, 2014
Prepared By: Dirs. Vásquez & Franklin

SUBJECT: WATER CONSERVATION PROGRAMS

RECOMMENDATION: Review water conservation programs available to Vista Irrigation District customers.

PRIOR BOARD ACTION: At its September 24, 2014 meeting, the Board requested that the Water Sustainability Committee review water conservation programs currently available to customers and present recommendations on any new programs to the Board.

FISCAL IMPACT: The District pays for water conservation programs/incentives offered by the Metropolitan Water District of Southern California (Metropolitan) and the San Diego County Water Authority (Water Authority) as well as its own programs. The District's proportional share of the cost of the incentives offered by Metropolitan and the Water Authority, which are paid for indirectly through water purchases, totals over \$320,000 in fiscal year 2015 (\$279,470 for Metropolitan's rebates and \$40,540 for Water Authority rebates/water surveys and landscape audits). The District's budget contains \$12,000 for its programs and co-funding of residential water surveys and large landscape audits.

SUMMARY: The District has provided water conservation programs to its customers for over twenty years. The District has partnered with its wholesale water providers, Metropolitan and the Water Authority, to provide various programs/incentives to its customers. These partnerships with its wholesalers have proven to be the most efficient and cost-effective means for local water agencies to provide water conservation programs to its customers. Incentives to replace inefficient devices and remove turf are available to homeowners as well as businesses.

DETAILED REPORT: As drought gripped California in the early 1990's, water purveyors, including the Vista Irrigation District, initiated water conservation programs to reduce demand. Over the years, these programs have been successful in managing water demand as populations grew. The District's current water use is less than it was in 1990 despite significant population growth. The District's population served has increased by 31% from 1990 to 2014 (94,526 to 124,293); however, water delivered to District customers has decreased by 11% (22,530 acre feet versus 20,134 acre feet) over that same period. This has resulted in a 32% reduction in per capita water use over this 24 year period.

Conserving water has become a way of life for most Californians, especially for people living in the southern part of the state. While winter and spring rains typically ease the severity of the ongoing dry conditions, demand is beginning to exceed the available supply. Voluntary water conservation is a key component of meeting demand and avoiding mandatory reductions. With this in mind, the District offers a number of programs, including an education component, to help its customers to voluntarily save water.

The District has partnered with the Water Authority and Metropolitan to offer conservation programs to its customers since the early nineties. Metropolitan, the Water Authority and its member agencies, including the Vista Irrigation District, have jointly funded programs that benefit the region as a whole. Historically, the District's expenditures on water conservation programs have been based on the required matching funds or its decision to completely fund a program because it wasn't being offered by Metropolitan or the Water Authority, such as the District's artificial turf program.

Historically, the District has offered its customers a variety of water conservation programs, including low-flush toilets, low-flow shower heads, and water-saving appliances (typically in association with SDG&E). These programs have been geared primarily to residential customers, but commercial and industrial customers could also take advantage of these offers, as well as programs such as cooling towers. As the market reached a saturation point with these products, programs have evolved and new ones have been introduced.

Currently, the District offers rebates to its residential and business customers through Metropolitan's SoCal WaterSmart Program and through the Water Authority's Turf Removal Rebate Program. A summary of programs is attached for the Committee's reference. Rebates are available on a first come, first serve basis until funds are depleted or June 30, 2015, whichever comes first.

At their meeting on October 15, the Water Sustainability Committee reviewed the water conservation program summary, noting the level of customer participation in each program for the first nine months of 2013 and 2014. The Committee expressed concerns that the District was not receiving their full proportionate share of water conservation program incentives from Metropolitan and the Water Authority. Staff shared with the Committee that there were 89 applications to remove nearly a million square feet in natural grass in process for rebates in the turf removal programs. When paid out, this alone will reap a far greater monetary benefit for the District's customers than the District pays into these programs.

The Committee talked about the possibility of adding a District incentive (in addition to the incentives offered by the Metropolitan and the Water Authority) of 50 to 75 cents per square foot to reimburse for labor costs associated with the removal of turf and the installation of artificial turf. Staff informed the Committee that while it is true that these costs are not covered in the Water Authority program, they are covered in the program offered by Metropolitan. Staff also pointed out that with applications for rebates for nearly one million square feet of turf replacement already in process, this level of supplementation by the District to the already existent programs could prove to be quite costly. The Committee indicated that there would need to be a cap on the amount of square feet that would be eligible for a rebate, if the District elected to provide this type of incentive. The Committee suggested that the idea of offering an additional District incentive of 50 to 75 cent per square foot for turf removal and the installation of artificial turf be tabled for the time being.

The Committee also discussed possible promotional items such as low flow shower heads, shower timers, and sprinkler shut-off valves, which could be given out at the front desk. Staff researched the cost of the sprinkler shut-off valves and found that these valves could cost anywhere from \$2.00 to \$4.00 each, depending on the quantity ordered. Staff explained to the Committee that Metropolitan had looked into providing an incentive on these devices and decided not to offer one because the actual amount of water savings could not be determined. This type of device is designed to prevent water loss in the case of a catastrophic event and does not produce a constant amount of measurable water savings, like a high-efficiency toilets/washing machines and rotating sprinkler nozzles.

ATTACHMENT: Water Conservation Program Summary

WATER CONSERVATION PROGRAM SUMMARY

Metropolitan Water District of Southern California

Residential Rebates

Rebate	Incentive	Jan – Oct 2014					Jan – Oct 2013	
		Rebates	Amount Paid ²	Rebates In Process	Amount In Process	Total	Rebates	Amount Paid
High Efficiency Toilets	\$100 (1.28 GPF or less)	204	\$12,751	192	\$ 19,200	\$ 31,951	43	\$ 1,950
High Efficiency Washers	\$85, SDG&E offers an additional \$50	132	\$11,220	133	\$ 11,305	\$ 22,525	149	\$ 12,665
Weather Based Irrigation Controller	\$80; \$35 per station (sites one acre or more)	5	\$ 330	8	\$ 640	\$ 970	4	\$ 457
Rotating Nozzles	\$4 per head (minimum of 15)	518	\$ 1,936	600	\$ 2,400	\$ 4,336	195	\$ 780
Rain Barrels	\$75 per barrel	101	\$ 7,319	55	\$ 4,125	\$ 11,444	0	\$ 0
Soil Moisture Sensors	\$80; \$35 per station large sites	1	\$ 75	0	\$ 0	\$ 75	0	\$ 0
Turf Removal Rebate	\$2/sq. ft.; front/backyards; artificial turf is eligible ¹	37,051 sq. ft.	\$48,152	193,846 sq. ft.	\$387,691	\$435,843	0 sq. ft.	\$ 0
RESIDENTIAL TOTAL			\$81,783		\$425,361	\$507,144		\$15,852

Commercial, Industrial & Institutional Rebates

Rebate	Incentive	Jan – Oct 2014					Jan – Oct 2013	
		Rebates	Amount Paid ²	Rebates In Process	Amount In Process	Total	Rebates	Amount Paid
High Efficiency Toilets (tank type)	\$100	0	\$ 0	33	\$ 3,283	\$ 3,283	0	\$ 0
High Efficiency Toilets (flushometer)	\$100	0	\$ 0				0	\$ 0
Ultra Low & Zero Water Urinals	\$200	0	\$ 0				0	\$ 0
Multi-Family High Efficiency Toilet	\$100	0	\$ 0				0	\$ 0
Multi-Family High Efficiency Toilet (4-Liter)	\$145	0	\$ 0				0	\$ 0
Plumbing Flow Control Valves	\$5/valve (minimum of 10)	0	\$ 0				0	\$ 0
Weather Based Irrigation Controllers	\$35/station	5	\$ 4,672			\$ 4,672	2	\$ 1,375
Central Computer Irrigation Controller	\$35/station	0	\$ 0	11	\$ 13,779	\$ 13,779	0	\$ 0
Rotating Nozzles	\$4/nozzle (minimum of 15)	653	\$ 2,612			\$ 2,612	294	\$ 1,176
Large Rotary Nozzles	\$13/set (minimum of 8 sets – 2 per site)	0	\$ 0				0	\$ 0
Sprinkler In-Stem Flow Regulators	\$1/regulator (minimum of 25)	0	\$ 0				0	\$ 0
Soil Moisture Sensor Systems	\$25/station	0	\$ 0				0	\$ 0
Connectionless Food Steamers	\$485/compartment	0	\$ 0				0	\$ 0
Air-cooled Ice Machines	\$1,000	0	\$ 0				0	\$ 0
Laminar Flow Restrictors	\$10/restrictor (minimum of 10)	0	\$ 0				0	\$ 0
Cooling Tower Conductivity Controllers	\$625	0	\$ 0				0	\$ 0
Cooling Tower pH Controllers	\$1,750	0	\$ 0				0	\$ 0
Dry Vacuum Pumps	\$125/0.5HP	0	\$ 0				0	\$ 0
Turf Removal Rebate	\$2/sq. ft.; artificial turf is eligible	0	\$ 0	820,427 sq. ft.	\$1,640,854	\$1,640,854	0	\$ 0
COMMERCIAL, INDUSTRIAL & INSTITUTIONAL TOTAL			\$ 7,284		\$1,657,916	\$1,665,200		\$ 2,551

METROPOLITAN WATER DISTRICT PROGRAM TOTAL			\$89,067		\$2,083,277	\$2,172,344		\$18,403
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¹Incentive total changed from \$1 per sq. ft. to \$2 per sq. ft. during the period covered so some of the rebate amounts are based on the lower incentive amount.

²Amount of rebate cannot exceed the cost of the device; therefore, some of the rebates paid to customers are for an amount less than the incentive amount offered.

San Diego County Water Authority

Turf Replacement Rebates

Rebate	Incentive	Jan – Oct 2014					Jan – Oct 2013	
		Rebates	Amount Paid ²	Rebates In Process	Amount In Process	Total	Rebates	Amount Paid
Residential Turf Replacement	\$1.50 sq. ft., max \$3,000 per site; project must be visible from the street; artificial turf not eligible	9,113 sq. ft.	\$ 13,670	4,247 sq. ft.	\$ 6,371	\$ 20,041	2,480 sq. ft.	\$ 3,720
Commercial Turf Replacement	\$1.50 sq. ft.; max \$9,000 per site; artificial turf not eligible	0	\$ 0	6,008 sq. ft.	\$ 9,012	\$ 9,012	0	\$ 0
TURF REPLACEMENT TOTAL			\$ 13,670		\$ 15,383	\$ 29,053		\$ 3,720

Water Surveys and Large Landscape Audits

Customer	Program	Jan – Oct 2014					Jan – Oct 2013	
		Completed	Cost	In Process	Cost	Total	Completed	Cost
Residential	Water Survey	17	\$ 2,125	0	\$ 0	\$ 2,125	12	\$ 1,500
Commercial	Large Landscape Audit	1	\$ 656	0	\$ 0	\$ 656	0	\$ 0
WATER SURVEYS & LARGE LANDSCAPE AUDITS TOTAL			\$ 2,781		\$ 0	\$ 2,781		\$ 1,500

SAN DIEGO COUNTY WATER AUTHORITY PROGRAM TOTAL		\$ 16,451		\$ 15,383	\$ 31,834		\$ 5,220
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WATER CONSERVATION PROGRAM TOTALS		\$105,518		\$2,098,660	\$2,204,178		\$23,623
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**PUBLIC AFFAIRS
COMMITTEE REPORT**

Agenda Item: 10

Board Meeting Date: November 5, 2014
Prepared By: Dirs. Franklin & Vasquez

SUBJECT: WATER BILL FORMAT

RECOMMENDATION: 1) Change the water bill text to spell out and clarify fees on the front of the bill and to streamline the back of the bill, and 2) include the "Understanding Your Water Bill" document as an insert with water bills once a year and post it on the District's website.

PRIOR BOARD ACTION: At its September 24, 2014 meeting, the Board requested that the Public Affairs Committee review the current water bill format and present any recommended changes to the Board.

FISCAL IMPACT: Approximately \$200 to make edits to the water bill and about \$1,500 to print and insert the "Understanding Your Water Bill" document with water bills once a year.

SUMMARY: Over the years, the District has made various changes to the water bill format to make it easier to read and provide customers with a better understanding of the rates and charges. Most recently, the District divided the water rate between the District and the San Diego County Water Authority to illustrate how much of the rate is attributable to each agency. The reverse side of the water bill provides other important water bill related information, such as an explanation of rates, a list of payment options and instructions on how to read your meter.

DETAILED REPORT: During public comment at the September 24 Board meeting, a customer mentioned the emergency water storage fee as well as the service charge. The Board briefly discussed the emergency water storage fee and requested that staff investigate a way to identify this fee as a charge from the San Diego County Water Authority (CWA). As seen on the sample water bill attached, "CWA" appears with the emergency water storage fee description. An explanation of this fee as well as the other rates and charges is provided on the reverse side of the bill as well as on the District's website.

The Public Affairs Committee reviewed the sample water bill and discussed how to best clarify that the emergency water storage fee is from the San Diego County Water Authority. The Committee suggested that the description could at least spell out "County" if space permits and that "water" could be removed from the descriptor. The Committee asked staff to work with the wording to see what would fit given space limitations. Based on character limitations, the description could be changed from "CWA Emergency Water Storage Fee" to "County Water Authority Emergency Storage Fee".

The Committee also reviewed the information included on the reverse side of the water bill and suggested that the information be simplified. They suggested that the paragraph entitled "Mission" be eliminated from the back of the bill and that unnecessary words be stricken from the text so that the font size can be made larger to increase readability. Staff has edited the reverse side of the bill based on the Committee's suggestions.

The Committee suggested adding a graphical representation of a water bill with explanations of key information that could be posted on the District's website. The Committee recommends that the graphical water bill, titled "Understanding Your Water Bill", be included as an insert with water bills once a year as well as be posted on the District's website.

ATTACHMENTS: Draft changes to Water Bill
Understanding Your Water Bill

Account:

Meter Size:
3/4

Service Address:
VISTA CA



Current Reading 08/25/14 2915
Prior Reading 06/23/14 2878

Usage: 37 Units

PREVIOUS BALANCE 149.05
PAYMENTS RECEIVED 149.05 CR
REMAINING BALANCE 0.00

CURRENT CHARGES

COUNTY WATER AUTHORITY EMERGENCY STORAGE FEE 5.36

SERVICE CHARGE 67.34

WATER USAGE	CWA* Rate	VID Rate	Total Rate	Units	
Tier 1	3.38	0.23	3.61	20	72.20
Tier 2	3.38	0.77	4.15	17	70.55

TOTAL CURRENT CHARGES 215.45 215.45

BALANCE DUE WILL BE DEDUCTED FROM
YOUR BANK ACCOUNT ON 10/07/14
*CWA: San Diego County Water Authority

BALANCE DUE 215.45

	Days	Units	Change
This Year	63	37	50.35 %
Last Year	64	25	

Billing Inquiries Call: 760-597-3120
Water Conservation Inquiries Call: 760-597-3160
VID Website: www.vid-h2o.org

*** LANDSCAPE WATERING DAYS ***

Homes with EVEN addresses - Monday, Wednesday & Saturday
Homes with ODD addresses - Tuesday, Thursday & Sunday
Apartments/Condos, Businesses & Public Agencies- Monday, Wednesday, Friday
For more info regarding mandatory conservation measures - www.vid-h2o.org

VID is offering a free Homeowner Workshop on Saturday, Oct 18, 2014 from 10AM - 1PM. Call (760) 597-3107 or email breyes@vid-h2o.org to register.

** Please pay by due date to avoid a late payment penalty **

See reverse side for important information

Please return this portion with payment.



1391 Engineer St.
Vista, CA 92081-8840

Check here for address change (see back)

BALANCE DUE WILL BE DEDUCTED FROM
YOUR BANK ACCOUNT ON 10/07/14

Service Address:

Account Number	Date Mailed	Due Date	Balance Due
	09/11/14	AUTO PAY	215.45

VID0910A AUTO SCH 3-DIGIT 920
7000002306 00.0009.0064 2249/1



Make Payment To:
VISTA IRRIGATION DISTRICT
1391 ENGINEER STREET
VISTA, CA 92081-8840

MISSION ~~The mission of the Vista Irrigation District (VID) is to manage available resources to meet present and future water needs of our services area by providing a reliable supply of high quality water in an environmentally and economically manner in an atmosphere of courtesy, integrity and quality of service.~~

HOURS ~~Normal business hours are 8:00 AM to 5:00 PM Monday through Friday, excluding holidays. An answering service is available after hours for emergencies. Messages may be left at any time using the voicemail system.~~

PAYMENT Payments ~~are is~~ due ~~at the VID office on or before~~ the due date ~~printed on the bill~~. Payments ~~in US dollars~~ can be made using one of the ~~payment~~ options listed below. If you have a complaint regarding the ~~total amount~~ balance due, please contact VID within 5 days of receipt of this bill. Bills not paid by the due date are subject to a penalty,

- PAYMENT OPTIONS**
- 1) Sign up for Direct Payment. The District will debit your checking account for the amount of your water bill each billing cycle. The amount of your bill will be deducted from your account on the due date shown on your statements. Call (760) 597-3120 for an application and more information.
 - 2) Enroll in Electronic Billing and Payments to receive your bill and make one-time payments from a bank account electronically. Customers using this service will no longer receive a paper bill and instead will receive an email advising them that their bills are available to be viewed and paid online. If you sign-up for this service, you are not required to pay online and may use one of the other payment options listed in this section. Visit www.vid-h2o.org and click on the Electronic Billing and Payments link to sign-up for this service.
 - 3) Mail a check or money order and return stub in the envelope provided to the District office. Allow (5) business days for delivery.
 - 4) Bring your payment and return stub to the District office during normal business hours. You may pay by check, money order or cash and get a receipt. You may also enclose your check or money order and return stub in the envelope provided and deposit it into the payment drop box at the District office.
 - 5) Pay by Phone or Online. Credit card and electronic payments may be made by calling (800) 272-9829. MasterCard, Visa, Discover Card and American Express are accepted. You can also pay with a credit card or electronic check on-line by going to our website, www.vid-h2o.org. A fee is charged by the company providing this service. Please have your VID account number and VID's jurisdiction code, 1564, available when using either one of these payment options.

PAY BY PHONE OR ONLINE

Note: Be sure to write your account number on checks and money orders. Returned checks are subject to penalties.

HOURS Normal business hours are 8:00 AM to 5:00 PM Monday through Friday, excluding holidays.

PHONE VID Main Line (760) 597-3100, Fax (760) 597-2632

NUMBERS VID Customer Service/Billing (760) 597-3120

To report after hours emergencies, call (760) 597-3100 and press "8" when the message begins.

San Diego County Water Authority (858) 522-6600

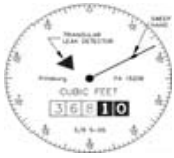
RATES Service charges vary with the size of the meter and pay for a portion of the fixed costs of operating the system. Large meters pay more because they place greater demand on the system and require larger reservoirs, pumps and pipelines. The Emergency Water Storage fee-Fee comes directly from the San Diego County Water Authority to cover their infrastructure costs. The Water usage charge is based on the number of units used. One unit of water is equal to 100 cubic feet (748 gallons).

MOVING/ VACATIONS ~~Customers planning to relocate from their current residences, should contact~~ Contact VID to close an accounts at least 48 hours prior to moving. Customers are responsible for their accounts until VID is officially notified. Customers planning extended vacations may pay their water bills before departure to avoid late charges and possible shut-off of services.

HIGH USAGE Leaks in toilets, water heaters, faucets, icemakers, and lawn sprinklers usually cause high water usage. To test for a possible leak in your plumbing system, make sure all faucets and water using appliances, inside and out, are turned off no water is being used inside/outside your home. Check the position of the hands on the water meter dial and record the reading. Note the location of the sweep hand and, if your meter has a triangular leak detector, watch to see whether if the triangle is moving. Without using any water, wait for approximately 30 minutes then recheck the meter. If the hand or triangle has moved or if the reading has changed, water is leaking (or running) somewhere on your property.

HOW TO READ YOUR WATER METER

Your water meter is underground in a rectangular box with a plastic, metal or concrete lid, usually found in or near the sidewalk. To get to the meter, you can remove the cover with a large screwdriver. VID water meters measure water used in cubic feet. One cubic foot of water is equal to 7.48 gallons. Our bills are based on how many hundred cubic feet units (748 gallons) each customer are used. Most of the water meters read like an odometer. Simply read the number across the counter (see illustration).



ADDRESS CHANGE:

ADDRESS

CITY/STATE/ZIP

(AREA CODE) PHONE

UNDERSTANDING YOUR WATER BILL

These are the readings taken from your meter on specific dates. The difference between the two readings is your water usage expressed in units. One unit is equal to 748 gallons.

The Emergency Water Storage Fee comes directly from the San Diego County Water Authority (CWA) to cover their infrastructure costs.

Service Charges vary with the size of the meter and pay a portion of the fixed cost of operating the system. Large meters pay more because they place greater demand on the system and require larger reservoirs, pumps and pipelines.

The Water Usage Charge (Total Rate) is a combination of the CWA rate and the VID rate.

① CWA's rate pays for water purchased from the San Diego County Water Authority.

② VID's rate covers operating and maintenance costs.

Visit www.vid-h2o.org to view VID's Rate and Fee Schedule which includes water allotments by tier.

A comparison of current and last year's water use for the same billing period.

Message area for announcements.

Detachable invoice portion of your bill to include with payment.

On the reverse side of your bill, you will find important information, such as District business hours, payment options and instructions on how to read your meters.

Account: Meter Size: 3/4 Service Address: VISTA CA

VID VISTA IRRIGATION DISTRICT

Current Reading 08/25/14 2915 Usage: 37 Units
 Prior Reading 06/23/14 2878

PREVIOUS BALANCE	149.05
PAYMENTS RECEIVED	149.05 CR
REMAINING BALANCE	0.00

CURRENT CHARGES

CWA* EMERGENCY WATER STORAGE FEE	5.36
SERVICE CHARGE	67.34
WATER USAGE	
Tier 1	72.20
Tier 2	70.55
TOTAL CURRENT CHARGES	215.45

BALANCE DUE WILL BE DEDUCTED FROM YOUR BANK ACCOUNT ON 10/07/14

*CWA: San Diego County Water Authority

Days	Units	Change
This Year 63	37	50.35 %
Last Year 64	25	

BALANCE DUE 215.45

Billing Inquiries Call: 760-597-3120
 Water Conservation Inquiries Call: 760-597-3160
 VID Website: www.vid-h2o.org

***** LANDSCAPE WATERING DAYS *****

Homes with EVEN addresses - Monday, Wednesday & Saturday
 Homes with ODD addresses - Tuesday, Thursday & Sunday
 Apartments/Condos, Businesses & Public Agencies- Monday, Wednesday, Friday
 For more info regarding mandatory conservation measures - www.vid-h2o.org

VID is offering a free Homeowner Workshop on Saturday, Oct 18, 2014 from 10AM - 1PM. Call (760) 597-3107 or email breyes@vid-h2o.org to register.

**** Please pay by due date to avoid a late payment penalty ****

See reverse side for important information
 Please return this portion with payment.

VID VISTA IRRIGATION DISTRICT
 1391 Engineer St.
 Vista, CA 92081-8840

Check here for address change (see back)

BALANCE DUE WILL BE DEDUCTED FROM YOUR BANK ACCOUNT ON 10/07/14

Account Number	Date Mailed	Due Date	Balance Due
	09/11/14	AUTO PAY	215.45

VID0910A AUTO SCH 3-DIGIT 920
 7000002306 00.0009.0064 2249/1

Make Payment To:
VISTA IRRIGATION DISTRICT
 1391 ENGINEER STREET
 VISTA, CA 92081-8840

IF YOU HAVE ANY QUESTIONS, PLEASE CALL (760) 597-3120



**PUBLIC AFFAIRS
COMMITTEE REPORT**

Agenda Item: 11

**Board Meeting Date: November 5, 2014
Prepared By: Dirs. Franklin & Vasquez**

SUBJECT: DROUGHT AND WATER CONSERVATION PROGRAM OUTREACH EFFORTS

RECOMMENDATION: Include information about water conservation programs and incentives as an insert with water bills once a year.

PRIOR BOARD ACTION: At its September 24, 2014 meeting, the Board requested that the Public Affairs Committee review the District's public outreach efforts related to the drought and water conservation programs.

FISCAL IMPACT: Approximately \$1,500 to print and insert an informational flyer about water conservation programs and incentives with water bills.

SUMMARY: The District has used a number of outreach methods to raise awareness about the drought and the implementation of mandatory water conservation measures as well as the availability of water conservation programs, including press releases, direct mail notices, broadcast voice messages, on-hold telephone messages and announcements on the District's website. Staff has also presented information on the drought and water conservation programs to community groups and provided information to interested parties at community events, such as the Vista Chamber of Commerce's Strawberry Festival and City of Vista's Summer Fest event. The District's water wholesalers, the Metropolitan Water District of Southern California (Metropolitan) and the San Diego County Water Authority (Water Authority), have increased their outreach activities (e.g., radio spots, weekly newspaper articles, etc.) to raise awareness of the severity of the drought and the availability of rebates to assist customers in reducing their water use.

After deploying various outreach methods regarding the implementation of mandatory water conservation measures, the District's water use in September was nine percent less than it was for the same month in 2013, whereas the San Diego region's water use was only four percent less than 2013. In 2014, participation in turf removal programs has increased significantly. During the first ten months of 2014, customers have received rebates for removing over 37,000 square feet of natural grass compared to 2,480 square feet of lawn over the same period in 2013. This significant increase in water conservation and participation in conservation programs is representative of the effectiveness of the outreach efforts of Metropolitan, the Water Authority and the District.

DETAILED REPORT: The Public Affairs Committee reviewed various methods for raising awareness of water supply conditions as well as water conservation programs (namely incentives) available to customers. The Committee briefly talked about updating the website, which will be addressed at a future Committee meeting, so it can be used as a tool to inform customers about the aforementioned topics. The Committee also considered the tactical use of voice broadcast messages and educating businesses that sell devices eligible for rebates about the incentive programs. The Committee recommends that information about water conservation programs and incentives be inserted with water bills once a year.



Agenda Item: 12

STAFF REPORT

Board Meeting Date: November 5, 2014
Prepared By: Roy Coox

SUBJECT: MATTERS PERTAINING TO THE ACTIVITIES OF THE SAN DIEGO COUNTY WATER AUTHORITY

SUMMARY: Informational report by staff and directors concerning the San Diego County Water Authority. No action will be required.



SUMMARY OF FORMAL BOARD OF DIRECTORS' MEETING October 23, 2014

1. Construction Contract for the Ramona Pipeline Cathodic Protection Project.
The Board rejected the bid from TC Construction Co., Inc. in the amount of \$536,500 to construct a pump well for the Ramona Pipeline Cathodic Protection project, and re-advertise for construction bids in fiscal year 2016.
2. Construction Contract for the San Vicente Bypass Pipeline Project.
The Board: 1. Rejected L. H. Woods and Sons, Inc., bid protest. 2. Authorized the General Manager to waive any inconsequential variance in the bid documents and award a construction contract to Pulice Construction, Inc. in the amount of \$13,999,340 for the San Vicente Bypass Pipeline project.
3. Shimmick Construction Co., Inc./Obayashi Corp., joint venture v. San Diego County Water Authority, San Diego Superior Court Case No. 37-2014-00026740-CU- BC-CTL.
The Board ratified retention of Mark Budwig of McKenna Long Aldridge LLP and authorized defense of the litigation.
4. Biennial Review of Representatives to the Metropolitan Water
The Board confirmed the following Directors as Water Authority MWD representatives: Michael Hogan, Keith Lewinger, Fern Steiner and Yen C. Tu.
5. Treasurer's report.
The Board noted and filed the monthly Treasurer's report.
6. Establish 2015 Board Meeting Dates.
The Board combined the November and December Board meeting dates to December 10, 2015, and approved the 2015 Board meeting dates calendar.
7. Adopt the Vote Entitlements Resolution for Calendar Year 2015.
The Board adopted **Resolution 2014-28** establishing the vote and representative entitlements of each member agency effective January 1, 2015.
8. Agreement for Sacramento Lobbying Services with the firms of Gonzalez, Quintana & Hunter; Lang, Hansen, O'Malley & Miller; and V. John White Associates.
The Board continued the item to the November 20, 2014 meeting.
9. Amendment to Professional Services Contract for the 2013 Regional Water Facilities Optimization and Master Plan Update.
The Board approved an amendment to the professional services contract with CH2M Hill to provide modifications and enhancements to the 2013 Master Plan Facility Planning Model for a not to exceed amount of \$90,000.

10. Professional Services Contract to Habitat Restoration Sciences, Inc. to provide habitat restoration maintenance services at the San Vicente Reservoir site for a six year period in an amount not to exceed \$3,300,000.

The Board authorized execution of a professional services agreement with Habitat Restoration Sciences, Inc. (HRS) to provide habitat restoration and maintenance services at the San Vicente Reservoir site for six years in an amount not to exceed \$3,300,000.

11. Professional Services Contract to RECON Environmental, Inc. to provide as-needed habitat restoration maintenance services for a five year period in an amount not to exceed \$2,000,000.

The Board authorized execution of a professional services contract with RECON Environmental, Inc. (RECON) to provide As-needed Environmental Consulting Services for five years in an amount not to exceed \$2,000,000.



STAFF REPORT

Agenda Item: 13.A

Board Meeting Date: November 5, 2014
Prepared By: Lisa Soto
Approved By: Roy Coox

SUBJECT: REPORTS ON MEETINGS AND EVENTS ATTENDED BY DIRECTORS

SUMMARY: Directors will present brief reports on meetings and events attended since the last Board meeting.



STAFF REPORT

Agenda Item: 13.B

Board Meeting Date: November 5, 2014
Prepared By: Marian Schmidt
Approved By: Roy Coox

SUBJECT: SCHEDULE OF UPCOMING MEETINGS AND EVENTS AND DIRECTORS ATTENDING

SUMMARY: The following is a listing of upcoming meetings and events. Requests to attend any of the following events should be made during this agenda item.

	SCHEDULE OF UPCOMING MEETINGS AND EVENTS	ATTENDEES
1	San Joaquin River Restoration Tour (Water Education Foundation) <i>Nov. 6-7, 2014 – Fresno</i> <i>Reservation deadline: 10/22/14</i>	
2	Ethics Compliance Training AB 124 Webinar (CSDA) <i>Nov. 13, 2014, 10:00 a.m. – 12:00 p.m.</i> <i>Registration deadline: 11/10/14</i>	
3	Colorado River Aqueduct System Tour (SDCWA & MWD) <i>Nov. 14-15, 2014 – Meets at SDCWA</i> <i>Reservation deadline: Registration closed</i>	
4	Special District Leadership Academy Conference <i>Nov. 16-19, 2014 – Embassy Suites Anaheim – South, Garden Grove</i> <i>Registration deadline: 11/3/14</i>	
5 *	Council of Water Utilities Meeting <i>Nov. 18, 2014, 7:15 a.m. – StoneRidge Country Club, Poway</i> <i>Reservation deadline: 11/14/14</i>	Vásquez
6 *	North County Water Group Meeting <i>Nov. 19, 2014, 7:30 a.m. – Rincon del Diablo MWD, Escondido</i>	
7 *	CSDA Quarterly Dinner Meeting <i>Nov. 20, 2014, 6:00 p.m. – 9:00 p.m. – The Butcher Shop Steakhouse, Kearny Mesa</i> <i>Reservation deadline: 11/13/14</i>	
8	ACWA Fall Conference <i>Dec. 2-5, 2014 – Manchester Grand Hyatt, San Diego</i> <i>Registration deadline: 11/7/14</i>	Dorey (H) MacKenzie (H) Miller (H) Vásquez (H)
9	Must Have Communication Protocols – Board & Staff Webinar (CSDA) <i>Dec. 10, 2014, 10:00 a.m. – 12:00 p.m.</i> <i>Registration deadline: 12/5/14</i>	
10	Colorado River Water Users Association Annual Conference <i>Dec. 10-12, 2014 – Caesars Palace, Las Vegas</i> <i>Registration deadline: 11/28/14</i>	MacKenzie (A,H) Vásquez (T,H)
11 *	Council of Water Utilities Meeting <i>No meeting in December</i>	
12	Colorado River Aqueduct System Tour (SDCWA & MWD) <i>Jan. 24-25, 2015 – Meets at SDCWA</i> <i>Reservation deadline: Registration not open</i>	
13	State Water Project/Bay Delta Tour (SDCWA & MWD) <i>Feb. 21-22, 2015 – Meets at SDCWA</i> <i>Reservation deadline: Registration not open</i>	

14	Urban Water Institute Spring Water Conference <i>Mar. 4-6, 2015, Hilton Palm Springs Hotel</i> <i>Reservation deadline: TBD</i>	
15	WaterReuse California Annual Conference (Water Education Foundation) <i>Mar. 15-17, 2015 - Millennium Biltmore Hotel, Los Angeles</i> <i>Registration deadline: 1/29/15</i>	
16	State Water Project/Bay Delta Tour (SDCWA & MWD) <i>Mar. 20-22-2015 – Meets at SDCWA</i> <i>Reservation deadline: Registration not open</i>	
17	Hoover Dam & Colorado River Aqueduct Tour (SDCWA & MWD) <i>Apr. 18-19, 2015 – Meets at SDCWA</i> <i>Reservation deadline: Registration not open</i>	
18	Colorado River Aqueduct System Tour (SDCWA & MWD) <i>May 1-2, 2015 – Meets at SDCWA</i> <i>Reservation deadline: Registration not open</i>	
19	ACWA Spring Conference <i>May 5-8, 2015 – Sacramento Convention Center</i> <i>Reservations deadline: TBD</i>	
20	CSDA Special District Legislative Days <i>May 19-20, 2015 – Location TBD</i>	
21	CSDA Annual Conference <i>Sept. 21-24, 2015 – Hotel location TBD, Monterey</i>	

* Non-per diem meeting except when serving as an officer of the organization

The following abbreviations indicate arrangements that have been made by staff:

A=Airline; **R**=Registration; **C**=Car; **H**=Hotel; **T**=Tentative



Agenda Item: 14

STAFF REPORT

Board Meeting Date: November 5, 2014
Prepared By: Lisa Soto

SUBJECT: ITEMS FOR FUTURE AGENDAS AND/OR PRESS RELEASES

SUMMARY: This item is placed on the agenda to enable the Board to identify and schedule future items for discussion at upcoming Board meetings and/or identify press release opportunities.

Staff-generated list of tentative items for future agendas:

- Field Services Manager retirement
- New groundwater legislation update

NOTICE OF ADJOURNED MEETING
OF THE BOARD OF DIRECTORS OF THE
VISTA IRRIGATION DISTRICT

A REGULAR MEETING OF THE BOARD OF DIRECTORS OF VISTA IRRIGATION DISTRICT, HELD ON NOVEMBER 5, 2014, WAS ADJOURNED UNTIL 9:00 AM, NOVEMBER 19, 2014, AT THE OFFICE OF THE VISTA IRRIGATION DISTRICT, 1391 ENGINEER STREET, VISTA, CALIFORNIA.

* * * * *

AFFIDAVIT OF POSTING ORDER OF ADJOURNMENT OF MEETING

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

I, Lisa Soto, hereby certify that I am the duly appointed, qualified Secretary of the Board of Directors of Vista Irrigation District; that the foregoing is duly noted in the Minutes of said Regular Meeting of the Board of Directors of Vista Irrigation District; that said Regular Board Meeting was ordered adjourned to the time and place above specified; and that I posted a copy of this order of adjournment near the public entrance to the Board Room at the offices of the District.



Lisa R. Soto, Secretary
Board of Directors
Vista Irrigation District

POSTED: November 5, 2014