



WATER PLANNING COMMITTEE

AGENDA FOR

OCTOBER 28, 2010

Javier Saunders – Chair
Rua Petty – Vice Chair
Brian Boyle
Marilyn Dailey
Trish Hannan
Lynne Heidel
Keith Lewinger

Bud Lewis
John Linden
Dan McMillan
Mark Muir
Fern Steiner
Mark Watton

1. Roll call – determination of quorum.
2. Additions to agenda (Government Code Section 54954.2(b)).
3. Public comment – opportunities for members of the public to address the Committee on matters within the Committee’s jurisdiction.
4. Chair’s report.
 4-A Directors’ comments.

I. CONSENT CALENDAR

II. ACTION/DISCUSSION

III. INFORMATION

1. Presentation on the results of the San Diego Foundation Survey on Climate Change by Scott Peters, Chair, The San Diego Foundation Climate Initiative. Frank Belock
2. Status report on Carlsbad Desalination Project Term Sheet. Ken Weinberg
3. Water Shortage Management and Drought Response Plan.
 3-A Presentation on water supply conditions. Lesley Dobalian
 3-B Fiscal Year 2011 water supply allocations monitoring. Dana Frieauf
 (Pickup packet)



4. Water Resources report.

Ken Weinberg

IV. CLOSED SESSION

V. ADJOURNMENT

Doria F. Lore
Clerk of the Board

NOTE: This meeting is called as an Water Planning Committee meeting. Because a quorum of the Board may be present, the meeting is also noticed as a Board meeting. Members of the Board who are not members of the Committee may participate in the meeting pursuant to Section 2.00.060(g) of the Authority Administrative Code (Recodified). All items on the agenda, including information items, may be deliberated and become subject to action. All public documents provided to the committee or Board for this meeting including materials related to an item on this agenda and submitted to the Board of Directors within 72 hours prior to this meeting may be reviewed at the San Diego County Water Authority headquarters located at 4677 Overland Avenue, San Diego, CA 92123 at the reception desk during normal business hours.



October 20, 2010

Attention: Water Planning Committee

Results of San Diego Foundation Survey on Climate Change (Information)

Background

The San Diego Foundation is leading an initiative in which representatives of the larger public agencies collaborate and dialogue around the subject of climate change and its impacts to the San Diego region. The purpose of the initiative is to discuss how state and federal law obligations can be satisfied, how to facilitate regional collaboration around climate change, and advancing effective action on climate change.

To those ends, the Foundation recently commissioned a comprehensive survey which was designed to determine the views, values, and perspectives of San Diego County residents towards the local impacts of climate change and the public's inclination for the policies necessary to address it. Questions included asking what issues are impacted by climate change, the public's knowledge and impression of AB 32 and SB 375, and whether or not a strong economy and healthy environment are mutually exclusive goals.

Discussion

In summary, the survey's results showed that the public is aware and concerned about climate change and, in respect to water issues, realize there may be a strong connection between climate change and water supply. Attached is a news release that the San Diego Foundation issued that elaborates on the survey. Scott Peters, the Chair of the San Diego Foundation Climate Initiative, will be presenting the results of the survey to the committee.

Prepared by: Frank Belock, Deputy General Manager

Reviewed by: Maureen A. Stapleton, General Manager

Attachment: 1. TSDf Survey Release



FOR IMMEDIATE RELEASE

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New poll shows voters overwhelmingly want the San Diego region to take a leadership role in California in reducing greenhouse gas emissions
Survey by The San Diego Foundation finds that nearly eight in 10 believe we can have a clean environment and a strong economy without having to choose one over the other

SAN DIEGO (September 22, 2010) – The San Diego Foundation released a survey of San Diego County voters today which assessed their views, values and perspectives on the local impacts of climate change and the public's appetite for policies needed to address it.

The survey results show that voters are concerned about the impacts of global warming and want the San Diego region to take a statewide leadership position in addressing it. This high level of support cuts across many demographic groups, including majorities of Republicans, Democrats, independents, moderates and

liberals, and voters of every level of education, ethnic background, age group and income level.

When asked about two of California's landmark greenhouse gas emission reduction laws – AB 32 and SB 375 – San Diego voters demonstrated strong support for each, as well as for specific steps that might be taken to implement these laws. More broadly, three times as many voters believe that addressing global warming will create more rather than fewer jobs. By a large margin, voters share the opinion that we can have a strong economy and a healthy environment.

“It is imperative that we take action today to preserve San Diego's clean water, forests, wildlife habitat, coastline and the San Diego region's spectacular natural beauty for future generations to enjoy,” said The San Diego Foundation's president and CEO Bob Kelly. “The San Diego Foundation is committed to leading community and governmental dialogue on how cities, the County and regional transportation, water, and planning agencies can best address the impacts of climate change on the region.”

San Diego Port Commissioner Scott Peters is heading this effort with The Foundation, as Chair of its Climate Initiative. Over the past few years, The Foundation has collaborated with leading scientists, policy experts and regional leaders to invest in research that will inform this dialogue. A report published by the Foundation, *“San Diego's Changing Climate: A Regional Wake Up Call,”* highlights a number of potential impacts from global warming to the San Diego region, including more frequent wildfires, threats to water quality and supplies, coastal area flooding, loss of natural areas, plants and animals, health impacts, such as asthma and heat-

related illness, and rising energy consumption due to warming temperatures. Scientists at Scripps Institution of Oceanography (SIO) worked closely with The Foundation in creating this report. "Effects of global climate change in the San Diego region will grow stronger in the future, including likely reductions in water supplies, increased wildfires and threats to human health. Our community will need an ongoing assessment, using the best science available, to evaluate these impacts so that we can better prepare for and adapt to them," said Dr. Dan Cayan, Climate Researcher with Scripps Institution of Oceanography, UC San Diego.

Since 2007, The Foundation has invested over \$1.5 million in grants for research, technical expertise, and community efforts to advance the region's leadership in setting goals to reduce greenhouse gas emissions while decreasing local vulnerability to potential effects of global warming on the local economy and quality of life. More recently, The Foundation has been working with the University of San Diego, Scripps Institution of Oceanography, California State University San Marcos and The Steve Alexander Group, to develop a regional communications program on the impacts of global warming on regional quality of life. Funded by the National Science Foundation, this program will develop a practical blueprint for how best to engage and communicate with communities in a productive dialogue around the impacts of climate change on the region.

"This survey will certainly help this communications program," said Scott Peters. "It shows that the people of our region want to make investments in more energy-efficient technology to create new, high-quality jobs and expand business opportunities here in San Diego County. We can put thousands of people to work

and create a strengthening economy while having a clean and healthy environment.”

According to the survey:

- Eight in 10 San Diego voters are concerned that global warming could reduce local water supplies and increase the risk of severe wildfires.
- Seven in 10 are concerned about the loss of coastal lands and beaches as sea levels rise and erosion increases. A similar proportion of people are concerned about the threats to human health, including more cases of asthma and other respiratory diseases.
- Many San Diegans – more than seven in 10 – believe that addressing global warming would create more jobs for people in the County. By a two-to-one margin, they agree with the principles of AB 32, the state law that requires California to reduce its greenhouse gas emissions back to 1990 levels by the year 2020.
- Likewise, seven in 10 voters hold a favorable view of SB 375 and support its implementation by the San Diego Association of Governments (SANDAG). SB 375 requires SANDAG to develop a regional plan to reduce greenhouse gas emissions and air pollution, promote shorter commutes and conserve open space and natural areas in San Diego County through a variety of methods, including focusing the building of new homes in areas near jobs and schools, reducing commutes and traffic and providing more transportation choices.

“Nearly 260,000 adults and children in San Diego County are suffering from asthma, and high smog levels trigger more frequent and severe asthma attacks,” said Jan Cortez, Executive Director of The American Lung Association in California – San Diego. “Using cleaner, renewable energy and offering more alternatives to driving as well as shortening commutes will help make families healthier.”

San Diego County voters also support key policies that would be implemented under these two laws:

- Three quarters or more of voters support key provisions of AB 32, such as expanding the use of clean energy and clean technology, as well as requiring industrial plants, oil refineries and commercial facilities to reduce their emissions.
- Many voters also prefer more compact and transit-friendly development, with a strong preference for expanding public transit over the expansion of roads and highways.

“Any effort to protect our clean air and reduce pollution will require communities and local governments to work together throughout the region. This survey will help inform how we approach our work on these issues,” said San Diego County Supervisor Ron Roberts, who also serves as a member of the California Air Resources Board. The Foundation has worked closely with Supervisor Roberts over the past year, given his role as member of the California Air Resources Board, which oversees programs to protect the region’s air quality and reduce greenhouse gas emissions that contribute to global warming.

The San Diego Foundation's CEO Kelly expects the survey will serve as a tool for policy makers and planners to better understand community opinions and enable all stakeholders to work together as local climate change policies are developed and implemented.

About The San Diego Foundation

The San Diego Foundation is San Diego's leading resource for information about charitable giving and community needs. The Foundation encourages, supports and facilitates meaningful dialogue on issues affecting each of the region's communities, and works with philanthropists to develop creative solutions to meet critical community needs. Since its inception in 1975, The San Diego Foundation has helped public-spirited citizens find ways to address community problems. Funds managed now number in the thousands. Through them, donors support numerous organizations and serve a variety of extraordinary causes. Donors and funds all share a common purpose: to make San Diego a better place to live, work and play.

The San Diego Foundation's Climate Initiative is advancing our region's leadership in setting goals to reduce greenhouse gas emissions while decreasing our vulnerability to wildfires, diminishing water supplies, coastal flooding, threats to human health from poor air quality, and other impacts on our quality of life. With generous support from Bank of America, Qualcomm, and numerous individual donors, The Foundation is making investments in the community to strengthen the economy with more energy-efficient technology, infrastructure, and high-quality jobs, increase public awareness and support for local action to protect our region's clean air, water, and spectacular natural beauty for all generations.

For more information on The San Diego Foundation's Climate Initiative, visit www.sdfoundation.org.

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October 20, 2010

Attention: Water Planning Committee

Status Report on Carlsbad Desalination Project Term Sheet. (Information)

Purpose

The purpose of this report is to provide an update on activities related to compliance with the Board approved Term Sheet between the Water Authority and Poseidon Resources (Channelside) regarding the Carlsbad Desalination Project.

Background

The Carlsbad Desalination Project (Project) is a fully-permitted seawater desalination plant and conveyance pipeline currently being developed by Poseidon Resources (Poseidon), a private investor owned company that develops water and wastewater infrastructure. The Project has been in development since 1998 and was incorporated into the 2003 Water Facilities Master Plan and the Water Authority's 2005 Update of the Urban Water Management Plan. The Project has obtained all required permits and environmental clearances and, when completed, will provide a highly reliable local supply of 56,000 acre-feet (AF) per year for the region. In 2020, the Project would account for approximately eight percent of the total projected regional supply and 30% of all locally generated water in San Diego County. At its July 22, 2010 meeting, the Board approved a Term Sheet between the Water Authority and Poseidon and directed staff to prepare a Water Purchase Agreement based on its provisions.

Discussion

Staff is currently conducting project due diligence activities and has prepared a first draft of a Water Purchase Agreement based on the term sheet approved by the Board of Directors at its July 22, 2010 meeting.

According to the term sheet, before negotiations can begin, certain conditions precedent must be satisfied:

- 1) Poseidon must terminate all existing confidentiality agreements with the Water Authority**

Status: Poseidon has met this condition.

- 2) Poseidon must submit to the Water Authority a binding commitment from a construction equity investor**

Status: As of the writing of this memo, Poseidon has not provided a binding equity commitment.

3) Acknowledgement in writing by Poseidon and the nine member agencies with water purchase agreements to cancel those agreements and release the Water Authority from any and all claims

Status: On September 10, 2010, the Water Authority sent a memorandum to the general managers of the nine agencies with existing water purchase agreements requesting that each agency provide a resolution from its governing body confirming this condition precedent or, at a minimum, have docketed the resolution at an upcoming Board or Council meeting with a staff recommendation to support. Those nine agencies are: Carlsbad Municipal Water District, City of Oceanside, Olivenhain Municipal Water District, Rainbow Municipal Water District, Rincon Del Diablo Municipal Water District, Santa Fe Irrigation District, Sweetwater Authority, Vallecitos Water District and Valley Center Municipal Water District. To date, seven of the nine agencies have provided resolutions to the Water Authority and one agency, Santa Fe Irrigation District, has the item docketed for action on October 21, 2010. One member agency – the Carlsbad Municipal Water District – has informed Water Authority staff it has no plans to take action on the resolution until certain concerns affecting its jurisdiction are addressed. Staff will report to the Board once Carlsbad MWD provides formal acknowledgment that it will cancel its agreement with Poseidon and release the Water Authority from any and all claims.

Because the condition precedent regarding cancellation of existing agreements has not been satisfied, staff has not initiated negotiations with Poseidon on the Draft WPA as required by the Board approved Term Sheet. The delay in satisfying that condition will cause the rescheduling of the two Board workshops planned for November and consideration of any action relative to the Water Purchase Agreement. When the condition precedent is satisfied and staff is able to begin negotiations, a revised schedule will be prepared and reported to the Board.

In the interim, Water Authority staff and consultants will continue to complete the due diligence activities outlined in the Term Sheet, and Poseidon will continue to perform its responsibilities – specifically, execution of all engineering, construction and operating agreements and preparation of final financing documents.

Prepared and Reviewed by: Ken Weinberg, Director of Water Resources
Reviewed by: Sandra L. Kerl, Deputy General Manager
Reviewed by: Maureen A. Stapleton General Manager



October 20, 2010

Attention: Water Planning Committee

Water supply conditions. (Information)

Purpose

To provide a summary of water supply conditions in Water Year 2010.

Background

Drought Management Plan: Stage 3 “Mandatory Cutbacks”

Drought Response Level: Level 2 “Drought Alert”

The water year extends from October 1 through September 30 and is used to report hydrologic conditions. Above average precipitation statewide in water year 2010 due to El Niño conditions ended three consecutive dry years in California. La Niña conditions are now present, and the National Weather Service forecasts La Niña will strengthen and last through the spring 2011. La Niña is associated with an increased likelihood of below average precipitation for the majority of California, and above precipitation in the Pacific Northwest.

Discussion

State Water Project

The California Department of Water Resources (DWR) final State Water Project (SWP) Table A allocation for calendar year 2010 is 50 percent of the State Water Contractors requested amounts. The final allocation was increased several times from the initial allocation in November 2009 of five percent, which is the lowest initial allocation in the history of the SWP. The 2009 calendar year allocation was 40 percent. The average SWP allocation over the past 10 years is 68 percent of contractor requests.

The 2010 water year type index was classified by DWR as below normal for the Sacramento Valley and above normal for the San Joaquin Valley. A summary of statewide water conditions is provided in the table below.

Summary of Statewide Water Supply Conditions – Percent of Average

Hydrologic Indicator	Water Year 2009	Water Year 2010
Northern Sierra 8-Station Precipitation Index	93%	107%
Northern Sierra Snowpack Maximum Accumulation	93%	143%
Sacramento River unimpaired runoff	70%	86%
Statewide Reservoir Storage	79%	105%

Reservoir storage at the end of water year 2010 compared with 2009 is shown for Shasta, Oroville, and San Luis reservoirs in the following table.

	Shasta*		Oroville		San Luis	
	WY 2009	WY 2010	WY 2009	WY 2010	WY 2009	WY 2010
Storage in MAF	1.77	3.32	1.34	1.76	.421	.789
Percent of Capacity	39	73	38	50	21	39
Percent of Average	63	118	59	78	42	79

*Shasta reservoir is part of the Central Valley Project, not the State Water Project.

Colorado River

The multi-year drought on the Upper Colorado River Basin persisted through water year 2010. According to the United States Bureau of Reclamation (Reclamation), inflow to Lake Powell is a useful barometer of drought conditions in the Colorado River Basin. Lake Powell inflow has been below average every year since 1999, excluding water years 2005 and 2008.

Water supply conditions on the Colorado River for water year 2010 were as follows:

- Lake Mead: 39 percent full
- Lake Powell: 63 percent full
- Total System contents: 56 percent full
- Precipitation: 89 percent of average
- Unregulated inflow to Lake Powell: 73 percent of average

California will continue to receive its full apportionment of water from the river in calendar year 2011. Reclamation has forecasted that there could be shortages on the river in 2012 under certain hydrologic conditions, with Arizona and Nevada experiencing these shortages first.

Metropolitan Water District of Southern California

Metropolitan Water District of Southern California (MWD) will continue implementation of its Water Supply Allocation Plan at a Level 2 through June 30, 2011. Due primarily to conservation savings, increased SWP allocation, and northern California water transfers, MWD has approximately 200,000 acre-feet (AF) more water in Diamond Valley Lake storage in September compared to the same time last year.

Local Conditions

Hydrologic conditions also improved locally. Accumulated precipitation throughout the county is provided in the table below.

Water Year 2010 Precipitation at Various Locations in San Diego

Location	Inches	Percent of Normal
San Diego, at Lindbergh Field	10.60	98
Lake Cuyamaca	38.81	108
Lake Henshaw	32.41	116

Total local reservoir storage (including the Water Authority's carryover storage) at the end of September 2010 was at approximately 289,000 AF, which was about 32,000 AF greater compared with this time last year. Storage levels reflect increases primarily due to runoff, along with withdrawals that occurred during this period.

The Water Authority had the following dry-year supplies in storage through September 30, 2010:

- Water Authority local carryover storage: 38,600 AF
- Water Authority Semitropic groundwater storage bank: 16,117 AF

Summary

Hydrologic conditions improved in water year 2010 for the SWP, but not in the Colorado River Basin. Precipitation and snowpack were above average in northern California. However, runoff to the Sacramento River remained below average due to the previous three dry years. Locally, conditions improved, with precipitation at or above normal throughout the region and reservoir levels higher than the previous year. There are still a number of uncertainties associated with the water supply situation for water year 2011, including weather conditions and regulatory pumping restrictions on the SWP. Staff will continue to monitor and report on water supply conditions throughout the upcoming year.

Prepared by: Lesley Dobalian, Water Resources Specialist

Reviewed by: Ken Weinberg, Director of Water Resources

October 20, 2010

Attention: Water Planning Committee

Water Resources Report

Purpose

This report includes the following exhibits for September 2010:

- Rainfall totals for the month and water year to date
- Deliveries to Member Agencies (Exhibit A)
- Water Use by Member Agencies (Exhibit B)
- Storage Available to Member Agencies (Exhibit C)
- Firm Water Deliveries to Member Agencies (Exhibit D)
- Summary of Water Authority Member Agency Operations (Exhibit E)

RAINFALL TOTALS (inches)						
Station	September 2010		2009-2010 WATER YEAR (October 2009 through September 2010)			
	Actual	Normal	Actual	Normal	Departure	% Normal
Lindbergh Field (N.O.A.A.)	0.03	0.21	10.60	10.77	(0.17)	98
Lake Cuyamaca (Helix W.D.)	0.04	1.04	38.81	35.83	2.98	108
Lake Henshaw (Vista I.D.)	0.00	0.67	32.41	27.91	4.50	116

Sources: National Weather Service, Helix Water District, Vista Irrigation District.

MONTHLY WATER RESOURCES REPORT

Water Deliveries to Member Agencies

(acre-feet)

SEPTEMBER 2010

AGENCY	September		12 Months Ended September	
	2010	2009	2010	2009
Carlsbad M.W.D.	1,654.5	1,850.8	16,716.2	18,861.8
Del Mar, City of	104.4	113.1	1,116.6	1,174.0
Escondido, City of	1,140.9	2,826.6	16,824.2	22,669.3
Fallbrook P.U.D.	1,292.6	1,866.4	12,338.8	16,026.3
Helix W.D.	-	1,513.3	22,002.4	35,062.0
Lakeside W.D.	372.6	376.9	3,333.8	3,672.1
National City, City of	0.2	384.0	3,657.3	4,880.4
Oceanside, City of	2,295.2	2,787.2	23,480.2	28,990.2
Olivenhain M.W.D.	2,150.4	2,287.4	19,768.8	21,748.5
Otay W.D.	3,170.3	3,369.0	30,625.9	33,418.2
Padre Dam M.W.D.	1,320.0	1,392.5	12,236.6	13,950.6
Pendleton Military Reservation	8.0	5.9	68.7	73.6
Poway, City of	1,448.3	1,201.5	10,612.4	13,219.1
Rainbow M.W.D.	2,527.0	3,004.5	20,768.6	27,075.2
Ramona M.W.D.	591.4	617.4	6,569.1	7,578.0
Rincon Del Diablo M.W.D.	684.0	752.1	6,103.4	7,156.3
San Diego, City of	19,034.6	19,564.8	189,292.5	199,240.3
San Dieguito W.D.	149.5	274.8	1,922.7	2,633.3
Santa Fe I.D.	578.7	802.8	5,194.0	6,730.7
South Bay I.D.	0.3	1,266.0	14,237.2	18,714.1
Vallecitos W.D.	1,757.0	1,821.2	16,299.4	18,237.0
Valley Center M.W.D.	3,696.5	4,257.0	28,086.3	35,051.8
Vista I.D.	738.4	1,945.9	13,073.6	16,748.8
Yuima M.W.D.	458.9	530.3	2,226.3	2,669.5
Deliveries To SDCWA Agencies	45,173.7	54,811.4	476,555.0	555,581.1
Less: Deliveries to SDCWA Storage	-	-	1,221.6	17,847.1
TOTAL MEMBER AGENCY DELIVERIES	45,173.7	54,811.4	475,333.4	537,734.0
Deliveries To Other Agencies	67.3	74.6	766.0	813.8
Deliveries From SDCWA Storage	-	-	-	-



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MONTHLY WATER RESOURCES REPORT
Estimated Water Use by Member Agency
 (acre-feet)

SEPTEMBER 2010

AGENCY	Imported Source S.D.C.W.A.		Local Sources						September Totals	
	2010	2009	Surface Water		Groundwater		Reclaimed Water		2010	2009
			2010	2009	2010	2009	2010	2009		
Carlsbad M.W.D.	1,640.5	1,795.8	-	-	-	-	503.3	526.9	2,143.8	2,322.7
Del Mar, City of	104.4	113.1	-	-	-	-	5.6	8.2	110.0	121.3
Escondido, City of	1,220.9	2,820.4	1,329.6	-	-	-	53.1	57.8	2,603.6	2,878.2
Fallbrook P.U.D. ¹	1,534.5	1,770.7	-	-	-	-	56.7	74.9	1,591.2	1,845.6
Helix W.D.	916.7	2,659.6	2,382.1	772.6	10.8	16.4	-	-	3,309.6	3,448.6
Lakeside W.D.	372.6	376.8	-	-	50.8	61.8	-	-	423.4	438.6
National City, City of ²	0.1	351.9	470.1	-	251.6	259.4	-	-	721.8	611.3
Oceanside, City of ²	2,295.2	2,787.2	-	-	532.1	526.6	-	-	2,827.3	3,313.8
Olivenhain M.W.D.	2,150.4	2,287.4	-	-	-	-	300.8	325.7	2,451.2	2,613.1
Otay W.D.	3,170.3	3,369.0	-	-	-	-	610.4	676.8	3,780.7	4,045.8
Padre Dam M.W.D.	1,299.1	1,438.0	-	-	-	-	116.5	105.4	1,415.6	1,543.4
Pendleton M.R. ³	75.3	80.5	-	-	900.0	810.0	125.0	150.0	1,100.3	1,040.5
Poway, City of	1,244.3	1,293.1	0.1	-	-	-	-	-	1,244.4	1,293.1
Rainbow M.W.D.	2,496.0	3,044.5	-	-	-	-	-	-	2,496.0	3,044.5
Ramona M.W.D.	746.2	790.4	-	-	-	-	85.8	88.1	832.0	878.5
Rincon Del Diablo M.W.D.	684.0	752.1	-	-	-	-	303.2	328.4	987.2	1,080.5
San Diego, City of	18,001.6	19,601.8	4.1	35.5	61.9	71.3	750.0	676.5	18,817.6	20,385.1
San Dieguito W.D.	149.5	274.8	476.7	381.8	-	-	66.7	61.4	692.9	718.0
Santa Fe I.D.	581.4	804.7	407.9	512.9	-	-	55.6	59.4	1,044.9	1,377.0
South Bay I.D. ²	0.3	1,160.2	1,141.0	-	175.7	204.1	-	-	1,317.0	1,364.3
Vallecitos W.D.	1,763.1	1,876.3	-	-	-	-	-	-	1,763.1	1,876.3
Valley Center M.W.D.	3,696.5	4,257.0	-	-	-	-	30.0	29.5	3,726.5	4,286.5
Vista I.D.	738.4	1,945.9	1,244.5	136.0	-	-	-	-	1,982.9	2,081.9
Yuima M.W.D.	458.9	530.3	-	-	70.5	80.5	-	-	529.4	610.8
TOTAL USE	45,340.2	56,181.5	7,456.1	1,838.8	2,053.4	2,030.1	3,062.7	3,169.0	57,912.4	63,219.4
PERCENT CHANGE	-19%		305%		1%		-3%		-8%	

¹De Luz figures included in Fallbrook P.U.D. total.

²Brackish groundwater use included in groundwater totals.

³Pendleton's imported water use includes water delivered by South Coast Water District.

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MONTHLY WATER RESOURCES REPORT

Reservoir Storage

(acre-feet)

SEPTEMBER 2010

MEMBER AGENCY	Reservoir	Capacity	% of		% of		Change During Month
			SEPTEMBER 2010	Capacity	SEPTEMBER 2009	Capacity	
Carlsbad M.W.D.	Maerkle	600	328	55%	436	73%	(7)
Escondido, City of ¹	Dixon	2,606	2,359	91%	2,447	94%	(54)
	Wohlford	6,506	2,198	34%	2,054	32%	144
Subtotal		9,112	4,557	50%	4,501	49%	90
Fallbrook P.U.D.	Red Mountain	1,335	567	42%	1,027	77%	(255)
Helix W.D.	Cuyamaca	8,195	636	8%	588	7%	(60)
	Jennings	9,790	6,095	62%	8,506	87%	(979)
Subtotal		17,985	6,731	37%	9,094	51%	(1,039)
Poway, City of	Poway	3,330	2,625	79%	2,982	90%	170
Rainbow M.W.D.	Beck	625	242	39%	164	26%	112
	Morro Hill	465	45	10%	121	26%	(69)
Subtotal		1,090	287	26%	285	26%	43
Ramona M.W.D.	Ramona	12,000	2,824	24%	2,950	25%	(232)
San Diego, City of ²	Barrett	37,947	32,226	85%	24,507	65%	(672)
	El Capitan	112,807	57,030	51%	47,372	42%	(3,241)
	Hodges	30,251	13,499	45%	13,596	45%	(900)
	Lower Otay	49,510	30,153	61%	26,433	53%	(191)
	Miramar	7,184	5,411	75%	5,465	76%	(41)
	Morena	50,206	7,775	15%	5,524	11%	(234)
	Murray	4,818	3,098	64%	3,913	81%	(929)
	San Vicente	89,312	23,478	26%	20,636	23%	(224)
Sutherland	29,684	8,970	30%	3,432	12%	(126)	
Subtotal		411,719	181,640	44%	150,879	37%	(6,557)
San Dieguito W.D./Santa Fe I.D.	San Dieguito	883	563	64%	520	59%	(288)
Sweetwater Authority	Loveland	25,400	14,281	56%	11,095	44%	(139)
	Sweetwater	28,079	7,663	27%	5,353	19%	(1,550)
Subtotal		53,479	21,944	41%	16,448	31%	(1,689)
Valley Center M.W.D.	Turner	1,612	1,433	89%	1,433	89%	(42)
Vista I.D. ³	Henshaw	51,774	4,051	8%	2,424	5%	(2,550)
MEMBER AGENCY TOTAL WATER IN STORAGE		564,919	227,550	40%	192,978	34%	(12,357)
SDCWA Accounts (Source: CWA Monthly Storage Reports)	El Capitan		13,533		14,785		(123)
	Lower Otay		6,009		6,757		(57)
	San Vicente		12,905		13,151		(152)
	Sweetwater		6,133		7,383		(101)
Subtotal			38,580		42,076		(433)
TOTAL WATER IN STORAGE		564,919	266,130	47%	235,054	42%	(12,790)
OTHER AGENCIES							
Metropolitan Water District	Skinner	44,264	40,335	91%	40,086	91%	946
	Diamond Valley	800,000	550,414	69%	350,826	44%	39,566
State Water Project	Oroville	3,537,600	1,755,185	50%	1,290,389	36%	(284,964)
TOTAL OTHER WATER IN STORAGE		4,381,864	2,345,934	54%	1,681,301	38%	(244,452)

¹ City of Escondido storage does not include water allocated to Escondido Mutual Water Company or its rights to a portion of the unallocated water in Lake Henshaw.

² Includes reserves subject to City's outstanding commitments to the San Dieguito W.D., and the California American Mutual Water Company. SDCWA has storage contracts in City of San Diego reservoirs in the amount of 40,000 a.f. if capacity is available.

³ Vista I.D. storage includes both allocated and unallocated water in Lake Henshaw.

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Water Resources Department

MONTHLY WATER RESOURCES REPORT
Estimated Tier 1 Deliveries to Member Agencies
 (acre-feet)

Through September 2010

AGENCY	CY2010 Tier 1 Threshold ¹	CYTD Firm Deliveries ²	% of Tier 1 Threshold
Carlsbad M.W.D.	18,354.8	12,968.0	70.7%
Del Mar, City of	1,408.3	856.9	60.8%
Escondido, City of	23,694.5	10,576.3	44.6%
Fallbrook P.U.D.	12,569.4	7,970.5	63.4%
Helix W.D.	38,421.4	16,176.3	42.1%
Lakeside M.W.D.	4,718.2	2,540.0	53.8%
Oceanside, City of	28,848.1	17,555.8	60.9%
Olivenhain M.W.D.	19,347.5	14,971.6	77.4%
Otay W.D.	32,173.0	23,081.6	71.7%
Padre Dam M.W.D.	14,321.5	8,825.1	61.6%
Pendleton M.R./South Coast	1,141.3	671.7	58.9%
Poway, City of	13,575.6	7,833.9	57.7%
Rainbow M.W.D.	23,572.1	13,128.7	55.7%
Ramona M.W.D.	8,101.1	4,087.3	50.5%
Rincon Del Diablo M.W.D.	7,307.0	4,454.8	61.0%
San Diego, City of	215,438.4	142,319.9	66.1%
San Dieguito W.D.	4,692.0	1,169.3	24.9%
Santa Fe I.D.	7,895.9	3,740.2	47.4%
Sweetwater Authority	13,094.7	6,984.6	53.3%
Vallecitos W.D.	14,641.2	12,009.1	82.0%
Valley Center M.W.D.	26,252.9	15,155.4	57.7%
Vista I.D.	17,576.3	8,558.8	48.7%
Yuima M.W.D.	94.0	127.3	135.4%
MEMBER AGENCY TOTALS	547,239.0	335,763.1	61.4%
Less: QSA deliveries calendar year to date		(110,775.0)	
Plus: CWA purchases for own account ³		1,091.1	
Estimated Tier 1 deliveries calendar year to date		226,079.2	41.3%

¹ Tier 1 threshold is equal to all firm deliveries up to 90% of a member agency's historic maximum year firm demand.

² Firm deliveries are net of IAWP certifications received.

³ Includes forced deliveries and deliveries made through temporary carryover storage agreements.

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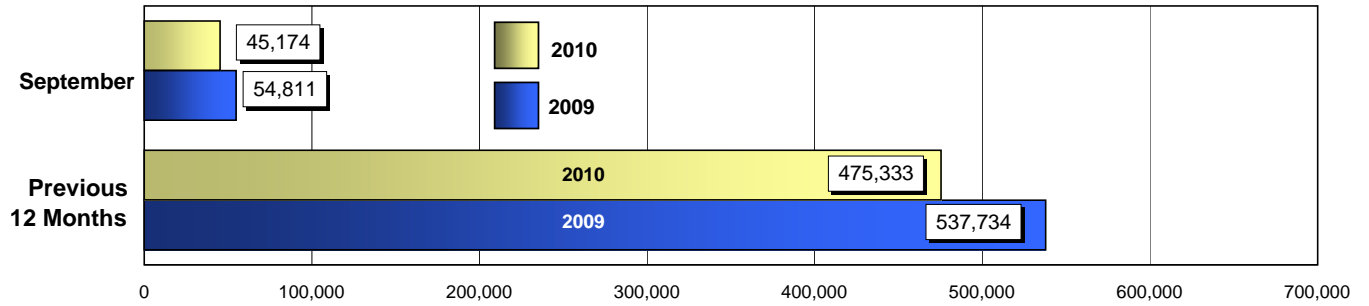
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Water Resources Department

MONTHLY WATER RESOURCES REPORT

Summary of Water Authority Member Agency Operations

SEPTEMBER 2010

Member Agency Deliveries (AF)



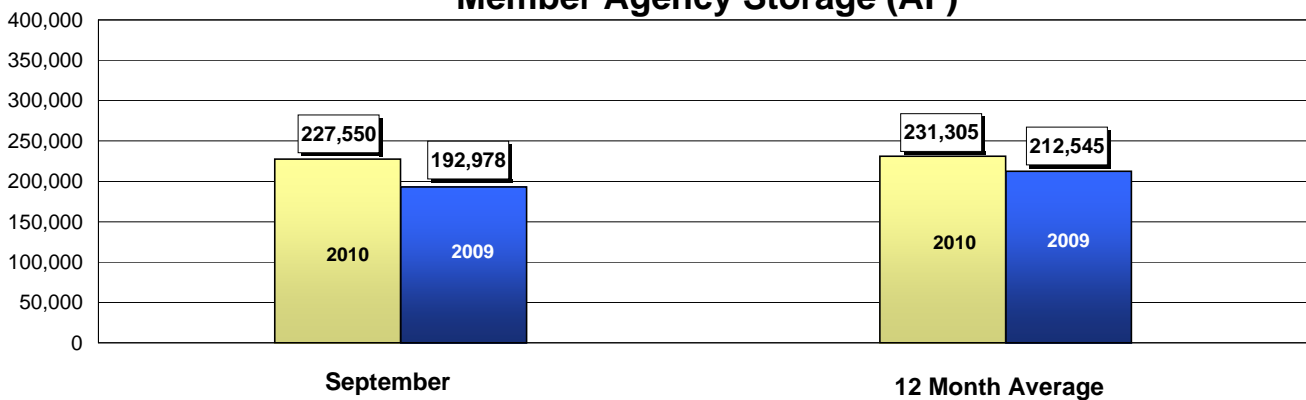
Member Agency Water Use



SEPTEMBER 2010

Previous 12 Months

Member Agency Storage (AF)



September

12 Month Average

