

# **COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

## **REGULAR MEETING OF THE BOARD OF DIRECTORS**

**Tuesday, December 8, 2015 - 7:00 p.m.**

### **AGENDA**

The Coastside County Water District (CCWD) does not discriminate against persons with disabilities. Upon request, the agenda and agenda packet materials can be provided in a format to accommodate special needs. If you require a copy of the agenda or related materials in an alternative format to accommodate a disability, or if you wish to attend this public meeting and will require special assistance or other special equipment, please call the District at (650) 726-4405 in advance and we will make every reasonable attempt to provide such an accommodation.

All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the CCWD District Office, located at 766 Main Street, Half Moon Bay, CA at the same time that the public records are distributed or made available to the legislative body.

*This agenda and accompanying materials can be viewed on Coastside County Water District's website located at: [www.coastsidewater.org](http://www.coastsidewater.org).*

**The Board of the Coastside County Water District reserves the right to take action on any item included on this agenda.**

- 1) ROLL CALL**
- 2) PLEDGE OF ALLEGIANCE**
- 3) PUBLIC COMMENT**

*At this time members of the public may address the Board of Directors on issues not listed on the agenda which are within the purview of the Coastside County Water District. Comments on matters that are listed on the agenda may be made at the time the Board is considering each item. Each speaker is allowed a maximum of three (3) minutes and must complete and submit a speaker slip. The President of the Board will recognize each speaker, at which time the speaker should proceed to the podium, give their name and address and provide their comments to the Board.*

**4) SPECIAL ORDER OF BUSINESS**

- A. Certificates from San Mateo County Chief Elections Officer and Administration of Oath of Office to Newly Appointed Directors: Ken Coverdell, Arnie Glassberg and Glenn Reynolds ([attachment](#))
- B. Election of Coastside County Water District Board President and Vice-President ([attachment](#))

**5) CONSENT CALENDAR**

The following matters before the Board of Directors are recommended for action as stated by the General Manager. All matters listed hereunder constitute a Consent Calendar, are considered as routine by the Board of Directors, and will be acted upon by a single vote of the Board. There will be no separate discussion of these items unless a member of the Board so requests, in which event the matter shall be removed from the Consent Calendar and considered as a separate item.

- A. Approval of disbursements for the month ending November 30, 2015: Claims: \$1,038,940.26; Payroll: \$92,168.24 for a total of \$1,131,108.50 ([attachment](#))
  - *November 2015 Monthly Financial Claims reviewed and approved by Vice-President Glassberg*
- B. Acceptance of Financial Reports ([attachment](#))
- C. Approval of Minutes of the October 13, 2015 Special Board of Directors Meeting ([attachment](#))
- D. Approval of Minutes of November 10, 2015 Special Board of Directors Meeting ([attachment](#))
- E. Approval of Minutes of November 10, 2015 Regular Board of Directors Meeting ([attachment](#))
- F. Installed Water Connection Capacity and Water Meters Report ([attachment](#))
- G. Total CCWD Production Report ([attachment](#))
- H. CCWD Monthly Sales by Category Report – November 2015 ([attachment](#))
- I. November 2015 Leak Report ([attachment](#))
- J. Rainfall Reports ([attachment](#))
- K. San Francisco Utilities Commission Hydrological Report for October, 2015 ([attachment](#))
- L. Acceptance of Subdivision Utility System – Half Moon Bay Village Senior Housing Phase II – Bloom Lane, Half Moon Bay ([attachment](#))
- M. Notice of Completion – Denniston Filters Surface Wash Repair Project ([attachment](#))

**6) MEETINGS ATTENDED / DIRECTOR COMMENTS**

**7) GENERAL BUSINESS**

- A. Contract with Balance Hydrologics for Denniston/San Vicente Stream Gaging, Groundwater Monitoring, and Data Analysis ([attachment](#))

**8) GENERAL MANAGER'S REPORT AND MONTHLY INFORMATIONAL REPORTS ([attachment](#))**

- A. Operations Report ([attachment](#))
- B. Water Resources Report ([attachment](#))

**9) DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS**

**10) CLOSED SESSION**

**A. Conference with Real Property Negotiators**

Pursuant to California Government Code Section 54956.8

Property: 270 and 288 Main Street (Assessor's Parcel Numbers 056-240-080, 056-240-120, and 056-240-130)

Agency Negotiator: David Dickson, General Manager

Negotiating Parties: Tom Minaidis and June Minaidis

Under Negotiation: Price and Terms of Payment

**B. Conference with Real Property Negotiators**

Pursuant to California Government Code Section 54956.8

Property: 310 and 320 Main Street (Assessor's Parcel Numbers 056-163-080, 056-163-070)

Agency Negotiator: David Dickson, General Manager

Negotiating Parties: Zaballa Square Investments, LP/David Cresson

Under Negotiation: Price and Terms of Payment

**11) RECONVENE TO OPEN SESSION**

Public report of closed session action.

**12) ADJOURNMENT**

## CERTIFICATE OF CHIEF ELECTIONS OFFICER

State of California

ss.

County of San Mateo

I, **MARK CHURCH**, Chief Elections Officer of the County of San Mateo, State of California, do hereby certify that:

**WHEREAS**, the number of nominees for the Office of Member, Board of Directors, does not exceed the number of offices required by law to be filled at the Consolidated Municipal, School and Special District All-Mailed Ballot Election within the COASTSIDE COUNTY WATER DISTRICT, held on November 3, 2015, the time within which nominations may be made has expired, and a petition signed by ten percent (10%) of the voters or 50 voters, whichever is the smaller number, requesting that said election be held, was not presented to the Chief Elections Officer within the time provided by law.

**NOW, THEREFORE**, pursuant to Elections Code §10515, the following qualified persons as listed below, are required to be appointed to three (3) seats for four (4) year terms:

Arnie Glassberg

Glenn Reynolds

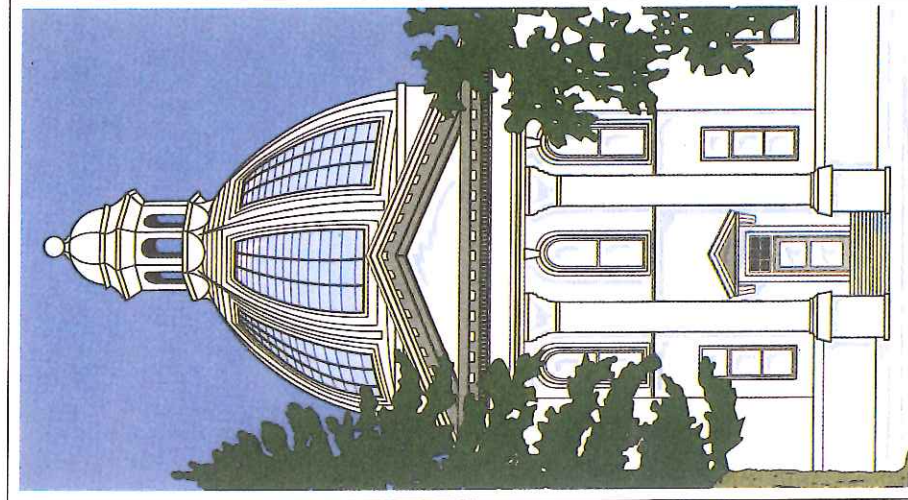
Kenneth Lee Coverdell

**IN WITNESS WHEREOF**, I hereunto affix my hand and seal this 24<sup>th</sup> day of November, 2015.



**MARK CHURCH**  
Chief Elections Officer &  
Assessor-County Clerk-Recorder





# COUNTY OF SAN MATEO

## CERTIFICATION OF ELECTION

This is to certify that

*Kenneth Lee Coverdell*

was appointed to the office of

*Member, Board of Directors*

*Coastside County Water District*

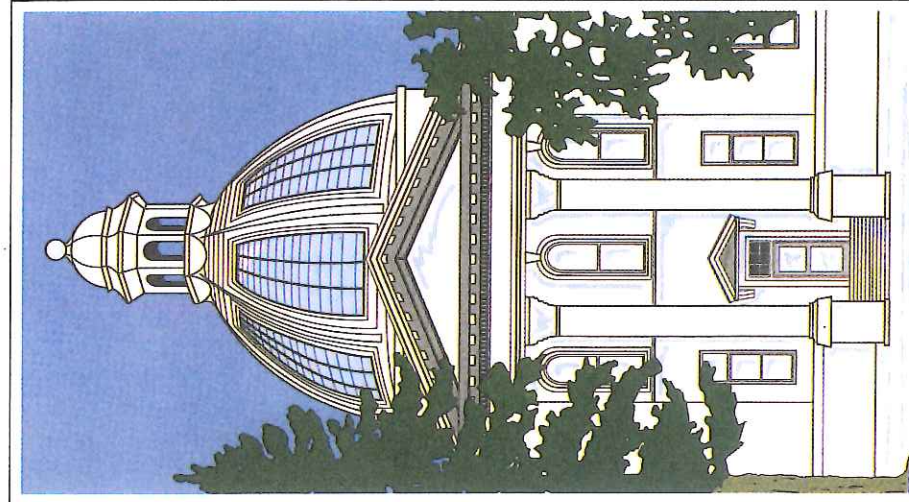
In lieu of holding the Consolidated Municipal, School and Special  
District All-Mailed Ballot Election in San Mateo County  
on the 3<sup>rd</sup> day of November, 2015.

*In witness whereof*, I have hereunto set my hand and affixed my  
official seal this 24<sup>th</sup> day of November, 2015.



*Mark Church*

MARK CHURCH  
Chief Elections Officer &  
Assessor-County Clerk-Recorder



# COUNTY OF SAN MATEO

## CERTIFICATION OF ELECTION

This is to certify that

*Annie Glassberg*

was appointed to the office of

*Member, Board of Directors*

*Coastside County Water District*

In lieu of holding the Consolidated Municipal, School and Special  
District All-Mailed Ballot Election in San Mateo County  
on the 3<sup>rd</sup> day of November, 2015.

*In witness whereof*, I have hereunto set my hand and affixed my  
official seal this 24<sup>th</sup> day of November, 2015.

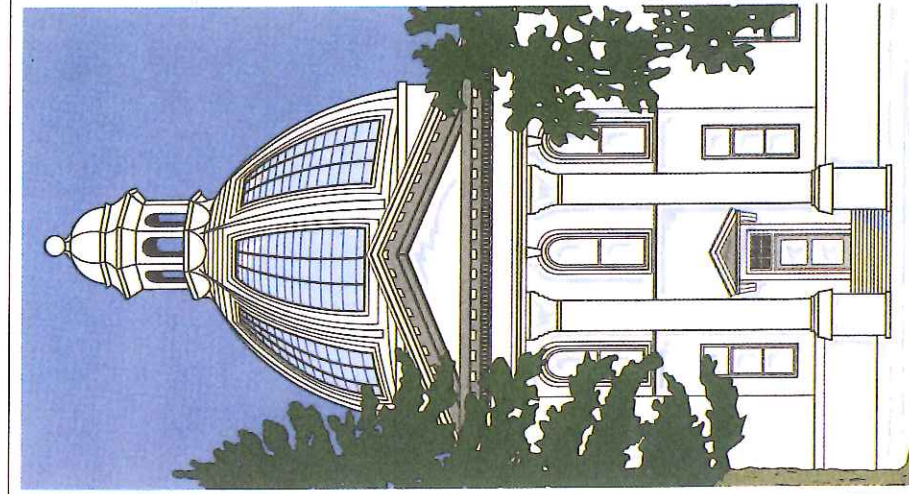


*Mark Church*

MARK CHURCH

Chief Elections Officer &  
Assessor-County Clerk-Recorder





# COUNTY OF SAN MATEO

## CERTIFICATION OF ELECTION

This is to certify that

*Glenn Reynolds*

was appointed to the office of

*Member, Board of Directors*

*Coastside County Water District*

In lieu of holding the Consolidated Municipal, School and Special  
District All-Mailed Ballot Election in San Mateo County  
on the 3<sup>rd</sup> day of November, 2015.

*In witness whereof*, I have hereunto set my hand and affixed my  
official seal this 24<sup>th</sup> day of November, 2015.



*Mark Church*

MARK CHURCH  
Chief Elections Officer &  
Assessor-County Clerk-Recorder

*Oath of Office*

*For*

*Member of Board of Directors  
Coastside County Water District*

*I, \_\_\_\_\_, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.*

*Date: \_\_\_\_\_*

\_\_\_\_\_  
*Name of Director*

*Sworn to (or affirmed) before me*

\_\_\_\_\_  
*Patrick Miyaki, District Legal Counsel*



## ***STAFF REPORT***

**To:** Coastside County Water District Board of Directors

**From:** David Dickson, General Manager

**Agenda:** December 8, 2015

**Report Date:** December 2, 2015

**Subject:** Election of Coastside County Water District Board President and Vice-President

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### **Recommendation:**

Consider election of officers.

### **Background:**

Traditionally, the Coastside County Water District Board of Directors considers the election of officers for Board President and Vice-President annually, at the December Board meeting.

### **Fiscal Impact**

None.

# Accounts Payable

## Checks by Date - Summary by Check Number

User: GBRAZIL  
Printed: 12/1/2015 9:24 AM



Check No	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
22071	ASS01	HEALTH BENEFITS ACWA-JPIA/CB&T	11/06/2015	0.00	23,010.70
22072	COU05	RECORDER'S OFFICE	11/06/2015	0.00	18.00
22073	COU07	COUNTY OF SAN MATEO	11/06/2015	0.00	1,220.00
22074	DEP04	DEPARTMENT OF PESTICIDE REGUL/	11/06/2015	0.00	60.00
22075	HAN01	HANSONBRIDGETT, LLP	11/06/2015	0.00	11,241.00
22076	HAS01	HASSETT HARDWARE	11/06/2015	0.00	595.83
22077	KAI01	KAISER FOUNDATION HEALTH PLAN	11/06/2015	0.00	12,886.00
22078	MAS01	MASS MUTUAL FINANCIAL GROUP	11/06/2015	0.00	2,195.65
22079	PAC01	PACIFIC GAS & ELECTRIC CO.	11/06/2015	0.00	56.69
22080	PUB01	PUB. EMP. RETIRE SYSTEM	11/06/2015	0.00	12,022.97
22081	PUB02	CalPERS FISCAL SERVICES DIVISION	11/06/2015	0.00	23,148.00
22082	REP02	REPUBLIC SERVICES	11/06/2015	0.00	364.57
22083	SAN14	COUNTY OF SAN MATEO	11/06/2015	0.00	6,000.00
22084	SAN20	SAN FRANCISCO FIRE CREDIT UNION	11/06/2015	0.00	100.00
22085	UNI07	UNITED STATES POSTAL SERV.	11/06/2015	0.00	600.00
22086	VAL01	VALIC	11/06/2015	0.00	2,515.00
22087	WHE03	JOANNE WHELEN	11/06/2015	0.00	2,282.56
22088	ALI01	ALIFANO TECHNOLOGIES LLC	11/19/2015	0.00	417.17
22089	ATT02	AT&T	11/19/2015	0.00	2,476.21
22090	CUL01	CULLIGAN SANTA CLARA, CA	11/19/2015	0.00	2,495.00
22091	MAS01	MASS MUTUAL FINANCIAL GROUP	11/19/2015	0.00	2,195.65
22092	PAC01	PACIFIC GAS & ELECTRIC CO.	11/19/2015	0.00	49,279.10
22093	PUB01	PUB. EMP. RETIRE SYSTEM	11/19/2015	0.00	12,407.86
22094	SAN01	SAN MATEO COUNTY HARBOR DIST	11/19/2015	0.00	114,661.00
22095	SAN20	SAN FRANCISCO FIRE CREDIT UNION	11/19/2015	0.00	100.00
22096	TEA02	TEAMSTERS LOCAL UNION #856	11/19/2015	0.00	973.00
22097	TEL02	US TELEPACIFIC CORPORATION	11/19/2015	0.00	1,794.98
22098	VAL01	VALIC	11/19/2015	0.00	2,515.00
22099	ADP01	ADP, INC.	11/25/2015	0.00	273.95
22100	ADV02	FRANK YAMELLO	11/25/2015	0.00	235.00
22101	ALI01	ALIFANO TECHNOLOGIES LLC	11/25/2015	0.00	241.43
22102	AND01	ANDREINI BROS. INC.	11/25/2015	0.00	13,430.62
22103	ASS04	ASSOC.CALIF.WATER AGENCIES	11/25/2015	0.00	12,666.67
22104	ATT03	AT&T LONG DISTANCE	11/25/2015	0.00	44.06
22105	AYE01	KENNETH AYER	11/25/2015	0.00	780.74
22106	AZT01	AZTEC GARDENS, INC.	11/25/2015	0.00	190.00
22107	BAL04	BALANCE HYDROLOGICS, INC	11/25/2015	0.00	10,375.10
22108	BAR01	BARTKIEWICZ, KRONICK & SHANAH	11/25/2015	0.00	80.00
22109	BAY10	BAY ALARM COMPANY	11/25/2015	0.00	1,578.21
22110	CAL08	CALCON SYSTEMS, INC.	11/25/2015	0.00	22,711.88
22111	CAL11	CALIFORNIA C.A.D. SOLUTIONS, INC	11/25/2015	0.00	2,525.00
22112	CAL33	CALIFORNIA SPECIAL DISTRICT	11/25/2015	0.00	6,089.00
22113	CAR02	CAROLYN STANFIELD	11/25/2015	0.00	600.00
22114	CAR08	REGISTER TAPES UNLIMITED, INC.	11/25/2015	0.00	450.00
22115	COA19	COASTSIDE COUNTY WATER DIST.	11/25/2015	0.00	191.78
22116	COL02	COLE-PARMER	11/25/2015	0.00	322.18
22117	DAT01	DATAPROSE, LLC	11/25/2015	0.00	3,078.50

Check No	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
22118	DEL07	DEL GAVIO GROUP	11/25/2015	0.00	4,260.34
22119	DIA01	DIAMOND FENCE CO., INC.	11/25/2015	0.00	830.00
22120	DIG01	WILLIAM DIGGS	11/25/2015	0.00	1,968.00
22121	EKI01	EKI INC.	11/25/2015	0.00	9,039.45
22122	ELE01	ELECSYS INTERNATIONAL CORP	11/25/2015	0.00	250.00
22123	ERS01	ERS INDUSTRIAL SERVICES INC.	11/25/2015	0.00	79,120.18
22124	FIR06	FIRST NATIONAL BANK	11/25/2015	0.00	927.93
22125	GEM01	GEMPLER'S, INC.	11/25/2015	0.00	246.81
22126	GOL04	GOLDEN STATE FLOW MEASUREMEN	11/25/2015	0.00	5,083.91
22127	GRA03	GRAINGER, INC.	11/25/2015	0.00	25.82
22128	GUI01	JOE GUISTINO	11/25/2015	0.00	566.79
22129	HAL01	HMB BLDG. & GARDEN INC.	11/25/2015	0.00	282.28
22130	HAL04	HALF MOON BAY REVIEW	11/25/2015	0.00	2,549.00
22131	HAL23	HMB ALARM	11/25/2015	0.00	500.00
22132	HAL26	HALF MOON BAY FEED & FUEL	11/25/2015	0.00	113.77
22133	HAN01	HANSONBRIDGETT. LLP	11/25/2015	0.00	10,223.60
22134	HOM01	HOME DEPOT	11/25/2015	0.00	595.23
22135	IRO01	IRON MOUNTAIN	11/25/2015	0.00	608.59
22136	IRV01	IRVINE CONSULTING SERVICES, INC.	11/25/2015	0.00	3,696.98
22137	JOH03	JOHN'S SALT SERVICE, INC	11/25/2015	0.00	4,440.14
22138	KAN02	KANO LABORATORIES, INC.	11/25/2015	0.00	165.36
22139	KEN03	KENNEDY/JENKS CONSULTANTS	11/25/2015	0.00	168,767.68
22140	KOR01	SUSAN KORNFELD	11/25/2015	0.00	3,160.00
22141	LOM01	GLENNA LOMBARDI	11/25/2015	0.00	106.00
22142	MET06	METLIFE GROUP BENEFITS	11/25/2015	0.00	1,515.44
22143	MIS01	MISSION UNIFORM SERVICES INC.	11/25/2015	0.00	304.80
22144	MON07	MONTEREY COUNTY LAB	11/25/2015	0.00	756.00
22145	NAL 03	NALCO COMPANY	11/25/2015	0.00	1,510.32
22146	NAT02	NATIONAL METER & AUTOMATION	11/25/2015	0.00	4,045.65
22147	NOR08	NORTHSTAR CHEMICAL	11/25/2015	0.00	1,679.55
22148	OFF01	OFFICE DEPOT	11/25/2015	0.00	351.14
22149	ONT01	ONTRAC	11/25/2015	0.00	454.30
22150	PAC06	PACIFICA COMMUNITY TV	11/25/2015	0.00	250.00
22151	PAU01	PAULO'S AUTO CARE	11/25/2015	0.00	1,123.16
22152	PIT04	PITNEY BOWES	11/25/2015	0.00	215.82
22153	PUM01	PUMP REPAIR SERVICE CO. INC.	11/25/2015	0.00	18,929.50
22154	RIC01	RICOH USA, INC.	11/25/2015	0.00	299.53
22155	RIC02	RICOH USA INC	11/25/2015	0.00	506.54
22156	ROB01	ROBERTS & BRUNE CO.	11/25/2015	0.00	5,497.02
22157	ROG01	ROGUE WEB WORKS, LLC	11/25/2015	0.00	437.75
22158	rou01	ROUTESMART TECHNOLOGIES, INC.	11/25/2015	0.00	7,700.00
22159	SAN02	SAN MATEO CTY RESOURCE CONSE	11/25/2015	0.00	8,646.31
22160	SAN03	SAN FRANCISCO WATER DEPT.	11/25/2015	0.00	262,706.06
22161	SAN10	SAN MATEO COUNTY	11/25/2015	0.00	5,715.00
22162	SAN16	SAN MATEO CTY TAX COLLECTOR	11/25/2015	0.00	882.84
22163	SOU04	SOUTHWEST VALVE, LLC	11/25/2015	0.00	1,227.39
22164	SPR04	SPRINGBROOK SOFTWARE, INC	11/25/2015	0.00	2,800.00
22165	STA03	STATE WATER RESOURCES CONTRO	11/25/2015	0.00	150.00
22166	STA11	STATE WATER RESOURCES CONTL B	11/25/2015	0.00	478.29
22167	STA15	STATE WATER RESOURCES CONTRO	11/25/2015	0.00	9,946.59
22168	STR02	STRAWFLOWER ELECTRONICS	11/25/2015	0.00	28.19
22169	TET01	JAMES TETER	11/25/2015	0.00	4,180.07
22170	TYL01	TYLER TECHNOLOGIES, INC	11/25/2015	0.00	16,247.28
22171	UB*01385	JAMES/PEGGY TAYLOR	11/25/2015	0.00	5.00
22172	UB*01386	JEFFREY STINE	11/25/2015	0.00	19.41
22173	UB*01387	VSS INTERNATIONAL	11/25/2015	0.00	890.81
22174	UPS01	UPS STORE	11/25/2015	0.00	11.57



Check No	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
22175	VER02	VERIZON WIRELESS	11/25/2015	0.00	40.01
22176	WES01	WEST YOST ASSOCIATES, INC	11/25/2015	0.00	1,210.00
22177	WIE02	WIENHOFF & ASSOCIATES, INC.	11/25/2015	0.00	630.00
22178	WSO01	WATER SYSTEMS OPTIMIZATION, INC	11/25/2015	0.00	16,525.00
Report Total (108 checks):				0.00	1,038,940.26

**COASTSIDE COUNTY WATER DISTRICT - PERIOD BUDGET ANALYSIS**  
**30-Nov-15**

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
<b>OPERATING REVENUE</b>									
1-0-4120-00	Water Revenue -All Areas	686,116.41	658,055.00	28,061.41	4.3%	4,315,110.19	4,474,642.00	(159,531.81)	-3.6%
<b>TOTAL OPERATING REVENUE</b>		<b>686,116.41</b>	<b>658,055.00</b>	<b>28,061.41</b>	<b>4.3%</b>	<b>4,315,110.19</b>	<b>4,474,642.00</b>	<b>(159,531.81)</b>	<b>-3.6%</b>
<b>NON-OPERATING REVENUE</b>									
1-0-4170-00	Water Taken From Hydrants	8,667.63	3,333.33	5,334.30	160.0%	56,473.70	16,666.65	39,807.05	238.8%
1-0-4180-00	Late Notice -10% Penalty	6,350.23	7,500.00	(1,149.77)	-15.3%	32,018.70	37,500.00	(5,481.30)	-14.6%
1-0-4230-00	Service Connections	630.24	833.00	(202.76)	-24.3%	7,826.84	4,165.00	3,661.84	87.9%
1-0-4920-00	Interest Earned	0.00	0.00	0.00	0.0%	1,512.09	1,275.00	237.09	18.6%
1-0-4930-00	Tax Apportionments/Cnty Checks	73,127.25	50,000.00	23,127.25	0.0%	89,269.48	65,000.00	24,269.48	37.3%
1-0-4950-00	Miscellaneous Income	1,475.00	3,083.00	(1,608.00)	-52.2%	5,603.90	15,415.00	(9,811.10)	-63.6%
1-0-4955-00	Cell Site Lease Income	11,975.07	11,603.75	371.32	3.2%	59,362.65	58,018.75	1,343.90	2.3%
1-0-4965-00	ERAF REFUND -County Taxes	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-0-4990-00	Water Sales Refunded	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>TOTAL NON-OPERATING REVENUE</b>		<b>102,225.42</b>	<b>76,353.08</b>	<b>25,872.34</b>	<b>33.9%</b>	<b>252,067.36</b>	<b>198,040.40</b>	<b>54,026.96</b>	<b>27.3%</b>
<b>TOTAL REVENUES</b>		<b>788,341.83</b>	<b>734,408.08</b>	<b>53,933.75</b>	<b>7.3%</b>	<b>4,567,177.55</b>	<b>4,672,682.40</b>	<b>(105,504.85)</b>	<b>-2.3%</b>
<b>OPERATING EXPENSES</b>									
1-1-5130-00	Water Purchased	242,706.06	195,809.00	(46,897.06)	-24.0%	1,484,806.52	1,387,516.00	(97,290.52)	-7.0%
1-1-5230-00	Pump Exp, Nunes T P	2,785.09	2,458.00	(327.09)	-13.3%	14,491.96	12,290.00	(2,201.96)	-17.9%
1-1-5231-00	Pump Exp, CSP Pump Station	35,660.01	25,184.00	(10,476.01)	-41.6%	207,147.77	187,583.00	(19,564.77)	-10.4%
1-1-5232-00	Pump Exp, Trans. & Dist.	8.30	1,067.00	1,058.70	99.2%	4,554.78	5,335.00	780.22	14.6%
1-1-5233-00	Pump Exp, Pilarcitos Can.	(90.66)	175.00	265.66	151.8%	2,093.93	964.00	(1,129.93)	-117.2%
1-1-5234-00	Pump Exp. Denniston Proj.	(203.55)	1,844.00	2,047.55	111.0%	2,433.17	9,242.00	6,808.83	73.7%
1-1-5235-00	Denniston T.P. Operations	241.76	614.00	372.24	60.6%	2,908.10	3,077.00	168.90	5.5%
1-1-5236-00	Denniston T.P. Maintenance	(1,101.37)	2,667.00	3,768.37	141.3%	5,845.33	13,335.00	7,489.67	56.2%
1-1-5240-00	Nunes T P Operations	9,240.05	3,663.00	(5,577.05)	-152.3%	26,956.96	24,717.00	(2,239.96)	-9.1%
1-1-5241-00	Nunes T P Maintenance	405.84	4,625.00	4,219.16	91.2%	33,133.32	23,125.00	(10,008.32)	-43.3%
1-1-5242-00	CSP Pump Station Operations	1,427.64	708.00	(719.64)	-101.6%	4,405.93	3,540.00	(865.93)	-24.5%
1-1-5243-00	CSP Pump Station Maintenance	0.00	3,083.33	3,083.33	100.0%	1,482.53	15,416.65	13,934.12	90.4%
1-1-5250-00	Laboratory Services	1,210.30	3,334.00	2,123.70	63.7%	13,109.92	16,666.00	3,556.08	21.3%
1-1-5318-00	Studies/Surveys/Consulting	25,435.00	20,000.00	(5,435.00)	-27.2%	56,042.00	100,000.00	43,958.00	44.0%
1-1-5321-00	Water Conservation	6,657.74	3,083.33	(3,574.41)	-115.9%	16,883.04	15,416.65	(1,466.39)	-9.5%
1-1-5322-00	Community Outreach	1,080.00	7,925.00	6,845.00	86.4%	4,906.48	39,625.00	34,718.52	87.6%
1-1-5325-00	Water Shortage Program	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5411-00	Salaries & Wages -Field	81,738.97	86,038.92	4,299.95	5.0%	462,071.23	473,214.06	11,142.83	2.4%
1-1-5412-00	Maintenance -General	17,211.52	22,375.00	5,163.48	23.1%	114,366.86	111,875.00	(2,491.86)	-2.2%

ACCOUNT	DESCRIPTION	CURRENT ACTUAL	CURRENT BUDGET	B/(W) VARIANCE	B/(W) % VAR	YTD ACTUAL	YTD BUDGET	B/(W) VARIANCE	B/(W) % VAR
1-1-5414-00	Motor Vehicle Expense	1,203.17	4,638.00	3,434.83	74.1%	15,051.82	23,190.00	8,138.18	35.1%
1-1-5415-00	Maintenance -Well Fields	18,929.50	0.00	(18,929.50)	0.0%	19,603.96	40,000.00	20,396.04	51.0%
1-1-5610-00	Salaries/Wages-Administration	74,613.52	81,675.38	7,061.86	8.6%	383,864.25	449,214.59	65,350.34	14.5%
1-1-5620-00	Office Supplies & Expense	24,015.17	13,706.25	(10,308.92)	-75.2%	73,371.60	68,531.25	(4,840.35)	-7.1%
1-1-5621-00	Computer Services	10,442.35	8,650.00	(1,792.35)	-20.7%	26,181.06	43,250.00	17,068.94	39.5%
1-1-5625-00	Meetings / Training / Seminars	984.35	2,000.00	1,015.65	50.8%	6,349.53	10,000.00	3,650.47	36.5%
1-1-5630-00	Insurance	3,000.52	6,250.00	3,249.48	52.0%	39,478.40	51,250.00	11,771.60	23.0%
1-1-5635-00	EE/Ret. Medical Insurance	35,371.38	43,954.75	8,583.37	19.5%	178,393.40	219,773.75	41,380.35	18.8%
1-1-5640-00	Employees Retirement Plan	39,172.62	38,870.92	(301.70)	-0.8%	197,779.94	213,790.06	16,010.12	7.5%
1-1-5645-00	SIP 401K Plan	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5681-00	Legal	6,683.10	5,000.00	(1,683.10)	-33.7%	15,829.00	25,000.00	9,171.00	36.7%
1-1-5682-00	Engineering	480.00	1,166.66	686.66	58.9%	2,400.00	5,833.30	3,433.30	58.9%
1-1-5683-00	Financial Services	0.00	10,000.00	10,000.00	0.0%	6,240.00	15,000.00	8,760.00	58.4%
1-1-5684-00	Payroll Tax Expense	11,028.30	11,773.53	745.23	6.3%	59,231.61	64,754.44	5,522.83	8.5%
1-1-5687-00	Membership, Dues, Subscript.	19,528.67	5,940.83	(13,587.84)	-228.7%	36,548.47	29,704.15	(6,844.32)	-23.0%
1-1-5688-00	Election Expenses	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1-1-5689-00	Labor Relations	0.00	500.00	500.00	100.0%	0.00	2,500.00	2,500.00	100.0%
1-1-5700-00	San Mateo County Fees	7,817.84	1,475.00	(6,342.84)	-430.0%	9,589.84	7,375.00	(2,214.84)	-30.0%
1-1-5705-00	State Fees	10,424.88	1,333.33	(9,091.55)	-681.9%	10,424.88	6,666.65	(3,758.23)	-56.4%
<b>TOTAL OPERATING EXPENSES</b>		<b>688,108.07</b>	<b>621,588.23</b>	<b>(66,519.84)</b>	<b>-10.7%</b>	<b>3,537,977.59</b>	<b>3,718,770.55</b>	<b>180,792.96</b>	<b>4.9%</b>
<b>CAPITAL ACCOUNTS</b>									
1-1-5712-00	Debt Srvc/Existing Bonds 2006B	0.00	0.00	0.00	0.0%	350,896.46	349,992.00	(904.46)	0.0%
1-1-5715-00	Debt Srvc/CIEDB 11-099 (I-BANK)	0.00	0.00	0.00	0.0%	258,519.66	257,971.00	(548.66)	-0.2%
<b>TOTAL CAPITAL ACCOUNTS</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>609,416.12</b>	<b>607,963.00</b>	<b>(1,453.12)</b>	<b>-0.2%</b>
<b>TOTAL EXPENSES</b>		<b>688,108.07</b>	<b>621,588.23</b>	<b>(66,519.84)</b>	<b>-10.7%</b>	<b>4,147,393.71</b>	<b>4,326,733.55</b>	<b>179,339.84</b>	<b>4.1%</b>
<b>NET INCOME</b>		<b>100,233.76</b>				<b>419,783.84</b>			



**COASTSIDE COUNTY WATER DISTRICT  
MONTHLY INVESTMENT REPORT  
November 30, 2015**

**RESERVE BALANCES**

CAPITAL AND OPERATING RESERVE	\$1,974,315.19
RATE STABILIZATION RESERVE	\$250,000.00

<b>TOTAL DISTRICT RESERVES</b>	<b>\$2,224,315.19</b>
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**ACCOUNT DETAIL**

ACCOUNTS WITH FIRST NATIONAL BANK (FNB)	
CHECKING ACCOUNT	\$528,926.35
CSP T & S ACCOUNT	\$672,478.59

LOCAL AGENCY INVESTMENT FUND (LAIF) BALANCE	\$1,022,280.25
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DISTRICT CASH ON HAND	\$630.00
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<b>TOTAL ACCOUNT BALANCES</b>	<b>\$2,224,315.19</b>
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*This report is in conformity with CCWD's Investment Policy.*

**COASTSIDE COUNTY WATER DISTRICT  
APPROVED CAPITAL IMPROVEMENT PROJECTS  
FISCAL YEAR 2015-2016**

11/30/2015

Approved CIP Budget FY 15/16	Actual To Date FY 15/16	Projected Year-End FY 15/16	Variance vs. Budget	% Completed	Project Status/ Comments
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**Equipment Purchases & Replacement**

06-03	SCADA/Telemetry/Electrical Controls Replacement	\$ 150,000	\$ 41,399	\$ 150,000	\$ 200,000	28%	In progress
16-06	Portable Work Lights	\$ 6,000		\$ 6,000		0%	
99-02	Vehicle Replacement	\$ 30,000		\$ 30,000	\$ -	0%	
99-03	Computer Systems	\$ 5,000	\$ 3,065	\$ 5,000	\$ -	61%	
99-04	Office Equipment/Furniture	\$ 3,000	\$ 3,988	\$ 3,000	\$ -	133%	

**Facilities & Maintenance**

08-08	PRV Valves Replacement Project	\$ 30,000	\$ 6,820	\$ 30,000	\$ -	23%	
09-09	Fire Hydrant Replacement	\$ 20,000	\$ 17,113	\$ 20,000	\$ -	86%	
09-23	District Digital Mapping	\$ 10,000		\$ 10,000	\$ -	0%	
14-11	Replace 2" and Larger Meters with Omni Meters	\$ 30,000		\$ 30,000	\$ -	0%	
14-13	New Security Fence at Pilarcitos Well Field	\$ 20,000			\$ 20,000	0%	Completed in FY15
15-01	Utility Billing Software Upgrade	\$ 150,000	\$ 38,897	\$ 150,000	\$ -	26%	Software transition to be complete by 4/2016
99-01	Meter Change Program	\$ 10,000	\$ 8,288	\$ 10,000	\$ -	83%	

**Pipeline Projects**

07-03	Pilarcitos Canyon Pipeline Replacement	\$ 100,000	\$ 9,255	\$ 100,000	\$ -	9%	Evaluating design
10-01	El Granada Pipeline Final Phase Replacement Project	\$ 2,000,000	\$ 44,304	\$ 2,000,000	\$ -	2%	Construction early 2016
14-01	Replace 12" Welded Steel Line on Hwy 92 with 8" DI	\$ 300,000	\$ 15,989	\$ 300,000	\$ -		In design
16-09	Slipline 10-inch Pipeline in Magellan at Hwy 1	\$ 100,000	\$ 12,098	\$ 100,000	\$ -	12%	In design

**Pump Stations / Tanks / Wells**

06-04	Hazen's Tank Replacement	\$ 300,000	\$ 702	\$ -	\$ 300,000	0%	Design complete, may not need tank
13-11	EG Tank #1 & Tank #2 Emergency Generators	\$ 75,000		\$ 75,000	\$ -	0%	

**Water Supply Development**

10-02	Denniston Pump Station & Pipeline Project (formerly Bridgeport Drive Pipeline Replacement Project)	\$ 110,000	\$ 164,887	\$ 300,000	\$ (190,000)		In design
12-04	Denniston Treated Water Booster Station	\$ 200,000		\$ 200,000	\$ -		In design
12-12	San Vicente Diversion & Pipeline	\$ 300,000		\$ 300,000	\$ -		Waiting for SWRCB time extension approval
14-24	Denniston/San Vicente EIR & Permitting	\$ 50,000	\$ 11,141	\$ 50,000	\$ -		
14-25	Water Shortage Plan Development	\$ 100,000		\$ -	\$ 100,000	0%	

**Water Treatment Plants**

16-01	Denniston WTP Coag Tank Motor Operated Valve	\$ 10,000		\$ 10,000	\$ -	0%	
16-02	Denniston WTP Filter Repairs	\$ 110,000	\$ 85,718	\$ 110,000	\$ -	78%	Completed, have not processed Retention
16-03	Denniston WTP Filter Flow Meter Replacement	\$ 10,000		\$ 10,000	\$ -	0%	
16-04	Denniston WTP Pond Return Pump	\$ 25,000		\$ 25,000	\$ -	0%	

**COASTSIDE COUNTY WATER DISTRICT  
APPROVED CAPITAL IMPROVEMENT PROJECTS  
FISCAL YEAR 2015-2016**

11/30/2015

		Approved CIP Budget FY 15/16	Actual To Date FY 15/16	Projected Year-End FY 15/16	Variance vs. Budget	% Completed	Project Status/ Comments
16-05	Nunes Filter Valve Repairs & Replacements	\$ 15,000		\$ 15,000	\$ -	0%	
99-05	Denniston Maintenance Dredging	\$ 35,000		\$ -	\$ 35,000	0%	Will not dredge this year
<b>FY 15/16 TOTALS</b>		<b>\$ 4,304,000</b>	<b>\$ 463,664</b>	<b>\$ 4,039,000</b>	<b>\$ 465,000</b>		

**Previous CIP Projects - paid in FY 15/16**

	Sand for Nunes Drying Bed		\$ 29,265	\$ 29,265			
	Pilarcitos Road Improvement 2014		\$ 8,646	\$ 8,646			
<b>PREVIOUS YEAR TOTALS</b>		<b>\$ -</b>	<b>\$ 37,911</b>	<b>\$ 37,911</b>	<b>\$ (37,911)</b>		In Progress

**UNSCHEDULED ITEMS (CAPITAL EXPENDITURES) FOR CURRENT FISCAL YEAR 15/16**

	Ventura/Washington Pipeline Replacement Project		\$ 102,867	\$ 400,000			
	Water Recycling		\$ 40,529	\$ 50,000			
	Valve for Nunes Filter #3		\$ 5,133	\$ 5,133			
	New Fence for District Office		\$ 9,889	\$ 9,889			Completed
	Denniston Dam Repair		\$ 1,867	\$ 1,867			
	Replace 8 inch Pipeline Under Creek at Pilarcito Avenue		\$ 169	\$ 169			
	New Valves for Nunes Surface Wash		\$ 1,227	\$ 1,227			
	Water Softener for Denniston Treatment Plant		\$ 2,495	\$ 2,495			
<b>NON-BUDGETED TOTALS</b>		<b>\$ -</b>	<b>\$ 164,177</b>	<b>\$ 470,781</b>	<b>\$ (470,781)</b>		

<b>CIP TOTALS</b>	<b>\$ 4,304,000</b>	<b>\$ 665,752</b>	<b>\$ 4,547,692</b>	<b>\$ (43,692)</b>
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**Legal Cost Tracking Report  
12 Months At-A-Glance**

**Acct. No.5681  
Patrick Miyaki - HansonBridgett, LLP  
Legal**

Month	Admin (General Legal Fees)	Water Supply Develpmnt	Recycled Water	Transfer Program	CIP	Personnel	Water Shortage	Lawsuits	Infrastructure Project Review  (Reimbursable)	TOTAL
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<b>Dec-14</b>	2,460			290		3,793				6,542
<b>Jan-15</b>	1,373	286			57	1,372				3,088
<b>Feb-15</b>	2,660	1,773				1,483			823	6,739
<b>Mar-15</b>	1,411	1,470							1,352	4,233
<b>Apr-15</b>	2,205	88		1,697						3,990
<b>May-15</b>	2,543	559		3,415			4,204			10,720
<b>Jun-15</b>	6,115			554						6,670
<b>Jul-15</b>	5,824					718	1,235			7,777
<b>Aug-15</b>	8,255			625	88					8,968
<b>Sep-15</b>	764		1,147	206	1,348				941	4,405
<b>Oct-15</b>	2,259	88	500	1,609	6,164	504			118	11,241
<b>Nov-15</b>	3,920		176	1,113	5,014					10,224

<b>TOTAL</b>	<b>39,788</b>	<b>4,264</b>	<b>1,823</b>	<b>9,508</b>	<b>12,671</b>	<b>7,870</b>	<b>5,439</b>	<b>0</b>	<b>3,233</b>	<b>84,596</b>
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**Engineer Cost Tracking Report  
12 Months At-A-Glance**

**Acct. No. 5682  
JAMES TETER  
Engineer**

<b>Month</b>	<b>Admin &amp; Retainer</b>	<b>CIP</b>	<b>Studies &amp; Projects</b>	<b>TOTAL</b>	<b>Reimburseable from Projects</b>
<b>Dec-14</b>	360		254	<b>614</b>	254
<b>Jan-15</b>	480		507	<b>987</b>	507
<b>Feb-15</b>	480			<b>480</b>	
<b>Mar-15</b>	480		254	<b>734</b>	254
<b>Apr-15</b>	480		1,014	<b>1,494</b>	1,014
<b>May-15</b>	649	7,192	423	<b>8,264</b>	423
<b>Jun-15</b>	544	16,999		<b>17,543</b>	
<b>Jul-15</b>	480	11,378	1,014	<b>12,872</b>	1,014
<b>Aug-15</b>	480	9,845	85	<b>10,409</b>	85
<b>Sep-15</b>	480	11,362	507	<b>12,349</b>	507
<b>Oct-15</b>	480	10,853	1,372	<b>12,705</b>	1,372
<b>Nov-15</b>	480	2,095	1,606	<b>4,180</b>	1,606
<b>TOTAL</b>	<b>5,873</b>	<b>69,722</b>	<b>7,034</b>	<b>82,629</b>	<b>7,034</b>

### Calcon T&M Projects Tracking

Project No.	Name	Acct No.	Proposal Date	Approved Date	Project Budget	5/31/15	Billing Date 6/30/15	7/31/15	8/31/15	9/30/15	10/30/15	Project Total Billing	Project Budget Remaining	CIP Project
CAL-13-EMG	Emergency Callout													
CAL-14-EMG	Emergency Callout													
CAL-15-EMG	Emergency Callout									\$410.48				
CAL-13-00	Calcon Project Admin/Miscellaneous													
CAL-13-01	EG Tank 2 Recoating Project		9/30/13	10/8/13	\$8,220.00							\$8,837.50	-\$617.50	08-17
CAL-13-02	Nunes Control System Upgrades		9/30/13	10/8/13	\$46,141.00							\$55,363.60	-\$9,222.60	FY13 CIP
CAL-13-03	Win 911 and PLC Software		9/30/13	10/8/13	\$9,717.00							\$12,231.74	-\$2,514.74	
CAL-13-04	Crystal Springs Surge Tank Retrofit		11/26/13	11/27/13	\$31,912.21							\$66,572.54	-\$34,660.33	6-Dec
CAL-13-05												\$0.00	\$0.00	
CAL-13-06	Nunes Legacy Backwash System Removal		11/25/13	11/26/13	\$6,516.75							\$6,455.00	\$61.75	
CAL-13-07	Denniston Backwash FTW Valves		11/26/13	11/27/13	\$6,914.21							\$9,518.28	-\$2,604.07	
CAL-14-01	Denniston Wash Water Return Retrofit		1/28/14	2/14/14	\$13,607.00							\$13,591.60	\$15.40	
CAL-14-02	Denniston Calrifier SCADA Data		4/2/14	4/7/14	\$4,125.00							\$4,077.50	\$47.50	
CAL-14-03	Nunes Surface Scatter Turbidimeter		4/2/14	4/7/14	\$2,009.50							\$0.00	\$2,009.50	
CAL-14-04	Phase I Control System Upgrade		4/2/14	4/7/14	\$75,905.56							\$44,459.14	\$31,446.42	
CAL-14-06	Miramar Control Panel		8/28/14	8/28/14	\$37,953.00							\$27,980.71	\$9,972.29	
CAL-14-08	SFWater Flow & Data Logger/Cahill Tank		8/20/2014	8/20/2014	\$1,370.00							\$1,372.00	-\$2.00	
CAL-15-01	Main Street Monitors											\$6,779.42	-\$6,779.42	
CAL-15-02	Denniston To Do List					\$1,600.00	\$1,330.00					\$2,930.00	-\$2,930.00	
CAL-15-03	Nunes & Denniston Turbidity Meters				\$6,612.50	\$5,428.26						\$5,833.26	\$779.24	
CAL-15-04	Phase II Control System Upgrade									\$7,292.50	\$22,711.88	\$30,004.38	-\$30,004.38	
CAL-15-05	Permanganate Water Flow									\$1,567.15		\$1,567.15	-\$1,567.15	
					\$244,391.23	\$7,028.26	\$1,330.00	\$0.00	\$0.00	\$8,859.65	\$22,711.88	\$297,573.82	-\$46,570.09	

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**MINUTES OF THE SPECIAL MEETING OF THE BOARD OF DIRECTORS**

**Tuesday, October 13, 2015**

- 1) **ROLL CALL** – President Chris Mickelsen called the special meeting to order at 6:00 p.m. Present at roll call: Directors Ken Coverdell, Steve Flint, Glenn Reynolds and Vice-President Arnie Glassberg.
- 2) **PUBLIC COMMENT** – There were no public comments.
- 3) **CLOSED SESSION**
  - A. **Conference with Real Property Negotiators**  
Pursuant to California Government Code Section 54956.8  
Property: 270 and 288 Main Street (Assessor's Parcel Numbers 056-240-080, 056-240-120, and 056-240-130)  
Agency Negotiator: David Dickson, General Manager  
Negotiating Parties: Tom Minaidis and June Minaidis  
Under Negotiation: Price and Terms of Payment
  - B. **Conference with Real Property Negotiators**  
Pursuant to California Government Code Section 54956.8  
Property: 310 and 320 Main Street (Assessor's Parcel Numbers 056-163-080, 056-163-070)  
Agency Negotiator: David Dickson, General Manager  
Negotiating Parties: Zaballa Square Investments, LP/David Cresson  
Under Negotiation: Price and Terms of Payment
- 4) **RECONVENE TO OPEN SESSION**  
The Board reconvened into open session at 6:53 p.m. In the Closed Session, the Board gave direction to its agency negotiator.
- 5) **ADJOURNMENT** – The Special Meeting was adjourned at 6:54 p.m.

Respectfully submitted,

---

David R. Dickson General Manager  
Secretary of the District

---

Chris Mickelsen, President  
Board of Directors

**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**MINUTES OF THE SPECIAL MEETING OF THE BOARD OF DIRECTORS**

**Tuesday, November 10, 2015**

- 1) **ROLL CALL** - President Chris Mickelsen called the special meeting to order at 6:00 p.m. Present at roll call: Directors Ken Coverdell, Steve Flint, Glenn Reynolds and Vice-President Arnie Glassberg.
- 2) **PUBLIC COMMENT** - There were no public comments.
- 3) **CLOSED SESSION**
  - A. **Conference with Real Property Negotiators**  
Pursuant to California Government Code Section 54956.8  
Property: 270 and 288 Main Street (Assessor's Parcel Numbers 056-240-080, 056-240-120, and 056-240-130)  
Agency Negotiator: David Dickson, General Manager  
Negotiating Parties: Tom Minaidis and June Minaidis  
Under Negotiation: Price and Terms of Payment
  - B. **Conference with Real Property Negotiators**  
Pursuant to California Government Code Section 54956.8  
Property: 310 and 320 Main Street (Assessor's Parcel Numbers 056-163-080, 056-163-070)  
Agency Negotiator: David Dickson, General Manager  
Negotiating Parties: Zaballa Square Investments, LP/David Cresson  
Under Negotiation: Price and Terms of Payment
- 4) **RECONVENE TO OPEN SESSION**  
The Board reconvened into open session at 6:56 p.m. In the Closed Session, the Board gave direction to its agency negotiator.
- 5) **ADJOURNMENT** - The Special Meeting was adjourned at 6:57 p.m.

Respectfully submitted,

---

David R. Dickson General Manager  
Secretary of the District

---

Chris Mickelsen, President  
Board of Directors



**COASTSIDE COUNTY WATER DISTRICT**

**766 MAIN STREET**

**HALF MOON BAY, CA 94019**

**MINUTES OF THE BOARD OF DIRECTORS MEETING**

**Tuesday, November 10, 2015**

- 1) **ROLL CALL:** President Chris Mickelsen called the meeting to order at 7:03 p.m. Present at roll call: Directors Ken Coverdell, Steve Flint, Glenn Reynolds and Vice-President Arnie Glassberg.

Also present: Mary Rogren, Assistant General Manager; Patrick Miyaki, Legal Counsel; Joe Guistino, Superintendent of Operations; JoAnne Whelen, Administrative Assistant/Recording Secretary; Cathleen Brennan, Water Resources Analyst; and Gina Brazil, Office Manager. David Dickson, General Manager, was not present as he was in attendance at a City of Half Moon Bay Planning Commission Meeting.

- 2) **PLEDGE OF ALLEGIANCE**

- 3) **PUBLIC COMMENT** - There were no public comments.

- 4) **CONSENT CALENDAR**

- A. Approval of disbursements for the month ending October 31, 2015:  
Claims: \$634,407.05; Payroll: \$85,299.04 for a total of \$719,706.09
- B. Acceptance of Financial Reports
- C. Monthly Water Transfer Report
- D. Approval of Minutes of October 13, 2015 Regular Board of Directors Meeting
- E. Approval of Minutes of October 29, 2015 Special Board of Directors Meeting
- F. Installed Water Connection Capacity and Water Meters Report
- G. Total CCWD Production Report
- H. CCWD Monthly Sales by Category Report - October 2015
- I. October 2015 Leak Report
- J. Rainfall Reports

Director Flint reported that he had reviewed the monthly claims and found all to be in order.

ON MOTION BY Vice-President Glassberg and seconded by Director Reynolds, the Board voted, by roll call vote to accept and approve the Consent Calendar in its entirety:

President Mickelsen	Aye
Director Coverdell	Aye
Director Flint	Aye
Vice-President Glassberg	Aye
Director Reynolds	Aye

5) **MEETINGS ATTENDED / DIRECTOR COMMENTS**

Director Coverdell summarized the recent recycled water committee meetings.

6) **MONTHLY INFORMATIONAL REPORTS**

A. **Operations Report** - Mr. Guistino reviewed monthly highlights, including the status of the Denniston Filters Surface Wash Repair Project, the Nunes Water Treatment Plant Caustic Feed System, and progress on the Washington-Ventura Street Main Replacement Project. He also answered a few questions from the Board members regarding the Denniston Water Treatment Plant.

B. **Water Resources Report** - Ms. Brennan referenced new water shortage data and reported on the recent penalties against four urban water suppliers.

8) **DIRECTOR AGENDA ITEMS - REQUESTS FOR FUTURE BOARD MEETINGS**

Ms. Rogren took this opportunity to report on the recent Bay Area Water Supply & Conservation Agency (BAWSCA) Technology Forum that she had attended with Mr. Dickson and Ms. Brennan.

9) **ADJOURNMENT** - The meeting was adjourned at 7:25 p.m.

Respectfully submitted,

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David R. Dickson General Manager  
Secretary of the District

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Chris Mickelsen, President  
Board of Directors

**COASTSIDE COUNTY WATER DISTRICT**  
**Installed Water Connection Capacity & Water Meters**

**FY 2016**

Installed Water Connection Capacity	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
HMB Non-Priority													
0.5" capacity increase													0
5/8" meter	1	1	1		1								4
3/4" meter		4			1								5
1" meter													0
1 1/2" meter													0
2" meter													0
3" meter													0
HMB Priority													
0.5" capacity increase													0
5/8" meter													0
3/4" meter													0
1" meter													0
1 1/2" meter													0
2" meter													0
County Non-Priority													
0.5" capacity increase													
5/8" meter			1	1	1								3
3/4" meter													0
1" meter													0
County Priority													
5/8" meter													0
3/4" meter			1										1
1" meter													0
Monthly Total	1	5	3	1	3	0	0	0	0	0	0	0	13

5/8" meter = 1 connection  
3/4" meter = 1.5 connections  
1" meter = 2.5 connections  
1.5" meter = 5 connections  
2" meter = 8 connections  
3" meter= 17.5 connections

[illegible]

**Fiscal Year 2016 Water Service Installations**

*FY 2016*

APN	Name	Install Address	City/Community	Meter Size	Type	Date Installed	Notes
048-211-060	Taffera, Anthony	421 Wave Ave	HMB	5/8"	dom	10-Jul-15	with 1" fire
056-141-700	Belloni, Paula	456-458 Oak Street	HMB	5/8"	dom	31-Jul	second unit meter
064-092-550	Shaw, Dan	401 Filbert Street	HMB	1"	fire	4-Aug-15	fire only
066-600-080	Carnoustie LLC	241 Bayhill Rd	HMB	3/4"	dom	21-Aug-15	with 2" fire
066-600-110	Carnoustie LLC	116 Carnoustie Dr	HMB	3/4"	dom	21-Aug-15	with 2" fire
066-600-100	Carnoustie LLC	118 Carnoustie Dr	HMB	3/4"	dom	21-Aug-15	with 2" fire
066-600-090	Carnoustie LLC	231 Bayhill Rd	HMB	3/4"	dom	25-Aug-15	with 2" fire
064-231-270	McGregor, Paul	483 Poplar Street	HMB	5/8"	dom	31-Aug-15	with 1" fire
037-320-350	Lea, David and Patricia	6 Denniston Road	EG	3/4"	dom	2-Sep-15	with 2" fire
056-143-330	Taffera, Anthony	447 Laurel Ave	HMB	5/8"	dom	11-Sep-15	with 1" fire
047-113-210	Coffield, Lyle	925 Ferdinand Ave	EG	5/8"	dom	25-Sep-15	with 1" fire
048-054-130	Garrison, Michi	375 Miramar Drive	EG	5/8"	dom	2-Oct-15	with 1" fire
066-600-320	Carnoustie LLC	120 Carnoustie Drive	HMB	3/4"	dom	4-Nov-15	with 2" fire
056-191-070	Mithal, Arti	728 Main Street	HMB	5/8"	dom	5-Nov-15	second unit meter with 1" fire
047-222-100	Wenzel, Lutz	477 Avenue Portola	EG	5/8"	dom	9-Nov-15	fire not installed yet
056-081-370	Moules, Roberty and Bertin	690 Terrace Ave.	HMB	5/8"	dom	18-Nov-15	with 1" fire

**TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2016**

	CCWD Sources			SFPUC Sources		RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
	DENNISTON WELLS	DENNISTON RESERVOIR	PILARCITOS WELLS	PILARCITOS LAKE	CRYSTAL SPRINGS RESERVOIR			
JUL	0.00	0.00	0.00	0.00	57.33	57.33	2.57	54.76
AUG	0.00	0.00	0.00	0.00	62.00	62.00	2.07	59.93
SEPT	0.00	0.00	0.00	0.00	59.07	59.07	2.93	56.14
OCT	0.00	0.00	0.00	0.00	56.60	56.60	2.44	54.16
NOV	0.00	0.00	2.07	0.00	39.17	41.24	2.45	38.79
DEC								
JAN								
FEB								
MAR								
APR								
MAY								
JUN								
<b>TOTAL</b>	0.00	0.00	2.07	0.00	274.17	276.24	12.46	263.78
% MONTHLY TOTAL	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	4.30%	95.70%
% ANNUAL TO DATE TOTAL	0.0%	0.0%	0.7%	0.0%	99.3%	100.0%	4.51%	95.5%

Local vs Imported-month

Local vs Imported-annua

0.0%	0.0%
0.7%	99.3%
Local Source	Imported Source

CCWD vs SFPUC- month

CCWD vs SFPUC- annual

0.00%

0.7%

100.0%

99.3%

**12 Month Running Treated Total**
**591.56**
**TOTAL CCWD PRODUCTION (MG) ALL SOURCES- FY 2015**

	PILARCITOS WELLS	PILARCITOS LAKE	DENNISTON WELLS	DENNISTON RESERVOIR	CRYSTAL SPRINGS RESERVOIR	RAW WATER TOTAL	UNMETERED WATER	TREATED TOTAL
JUL	0.48	2.32	0.00	0.00	71.96	74.76	3.10	71.67
AUG	0.10	0.82	0.00	0.00	73.97	74.89	3.00	71.89
SEPT	0.05	0.60	0.00	0.00	59.58	60.23	2.89	57.34
OCT	0.00	0.00	0.00	0.00	57.13	57.13	2.15	54.98
NOV	0.01	0.93	4.43	0.00	41.00	46.37	2.18	44.19
DEC	0.20	2.19	10.67	9.68	16.37	39.11	2.19	36.92
JAN	0.64	13.95	8.44	20.23	10.52	53.78	3.17	50.61
FEB	0.51	12.88	8.56	25.95	2.43	50.33	2.36	47.97
MAR	0.81	12.59	8.8	25.67	2.02	49.89	2.70	47.19
APR	1.31	14.34	0.00	31.85	1.38	48.88	2.54	46.34
MAY	0.60	6.18	0.00	30.04	7.37	44.19	1.65	42.54
JUN	0.00	0.00	0	0.00	56.87	56.87	0.67	56.20
<b>TOTAL</b>	<b>4.71</b>	<b>66.80</b>	<b>40.90</b>	<b>143.41</b>	<b>400.60</b>	<b>656.42</b>	<b>28.58</b>	<b>627.85</b>
% TOTAL	0.7%	10.2%	6.2%	21.8%	61.0%	100.0%	4.35%	95.6%

 denotes estimated due to faulty SFPUC meter



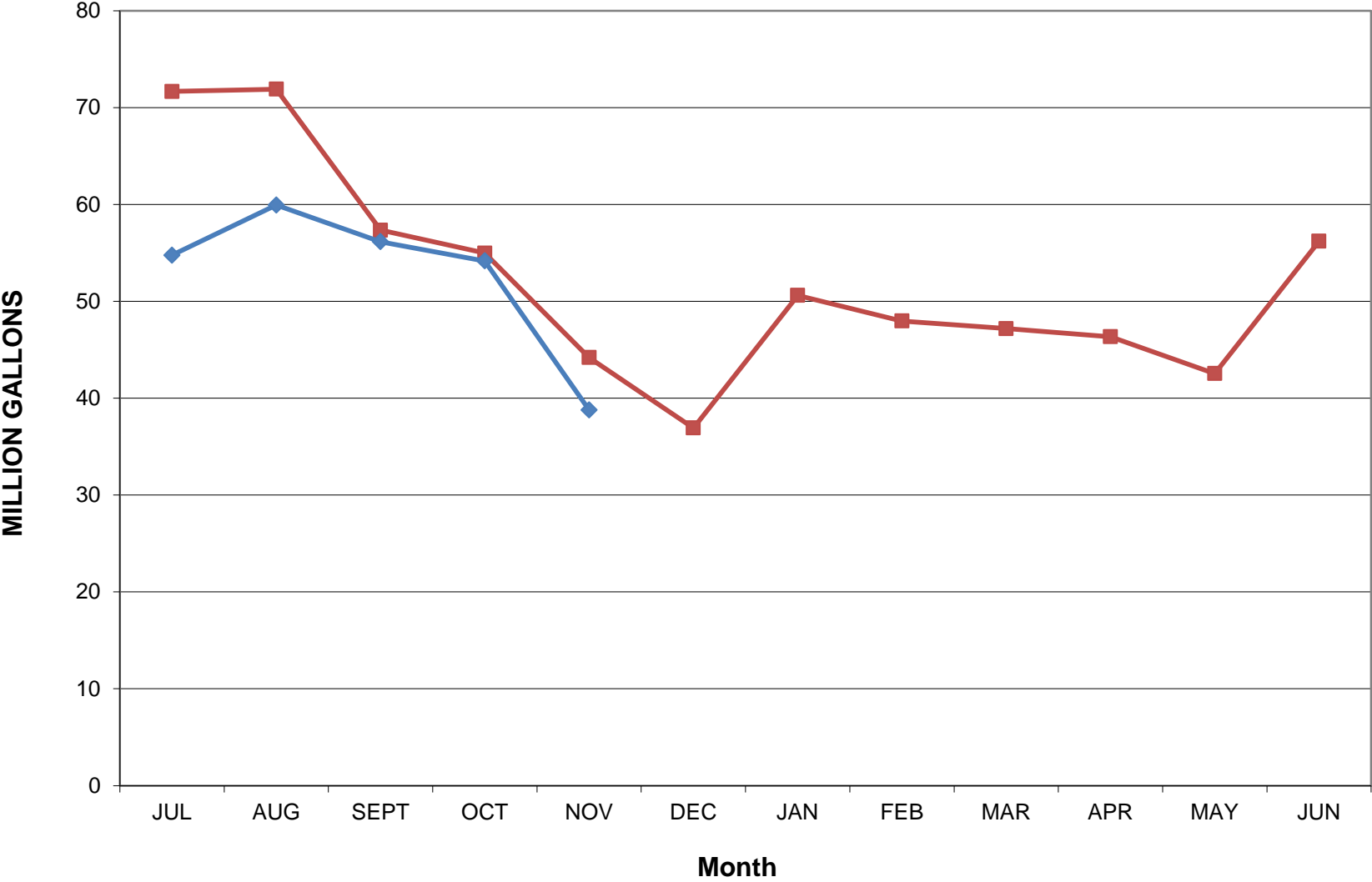
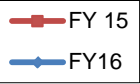
# COASTSIDE COUNTY WATER DISTRICT

## Predicted vs Actual Production - All Sources FY 16

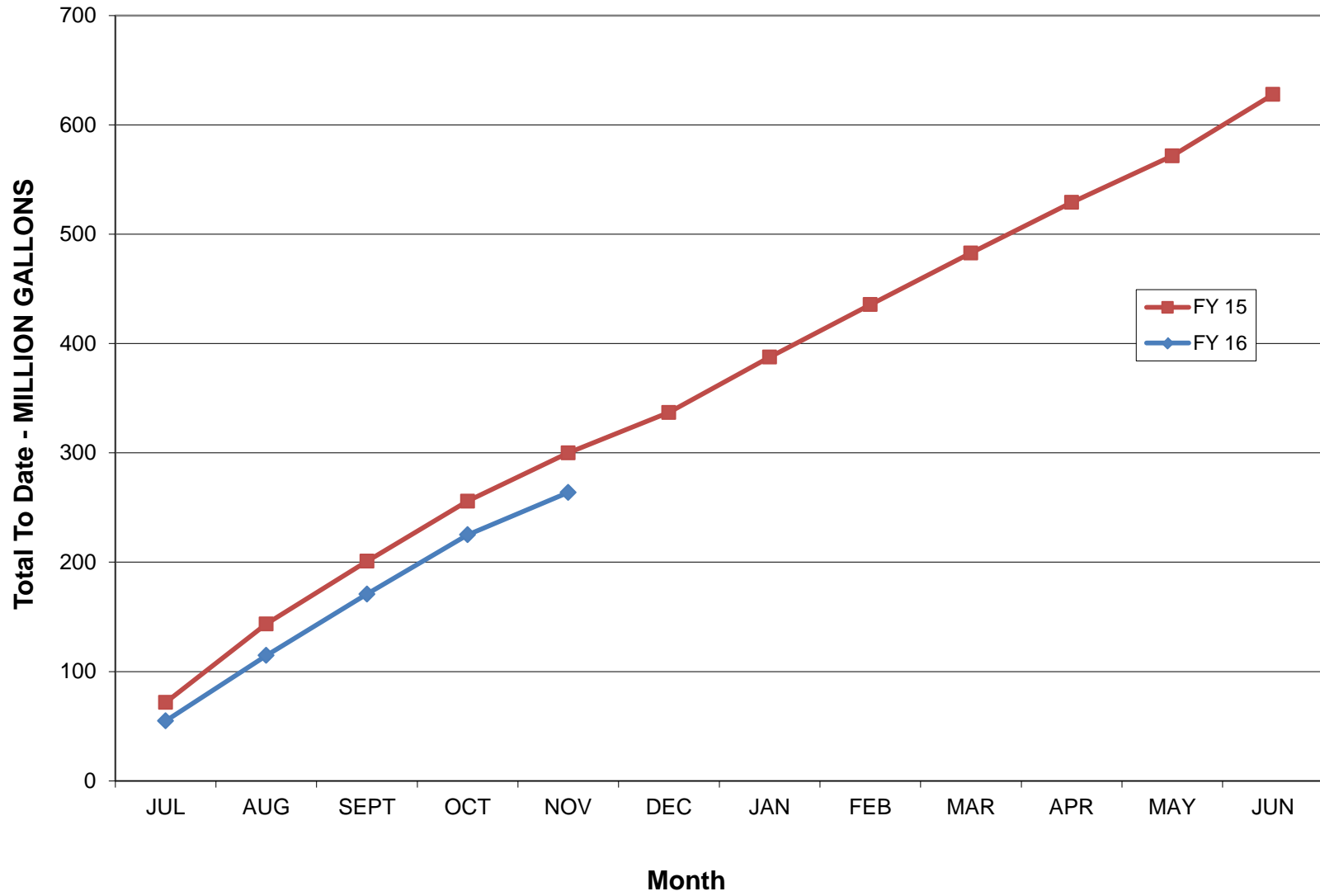
	Denniston Surface			Denniston Wells			Pilarcitos Wells			Pilarcitos Surface			SFWD CSP			SFWD Total	
	Actual MG	Predicted MG	pred-act	Actual MG	Predicted	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG	pred-act	Actual MG	Predicted MG
Jul-15	0.00	2.32	2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.33	62.94	5.61	57.33	62.94
Aug-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.00	65.62	3.62	62.00	65.62
Sep-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.07	52.90	-6.17	59.07	52.90
Oct-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.60	50.89	-5.71	56.60	50.89
Nov-15	0.00	0.97	0.97	0.00	0.01	0.01	2.07	4.94	2.87	0.00	0.00	0.00	39.17	35.50	-3.67	39.17	35.50
Dec-15		#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		0.00	23.90
Jan-16		#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		0.00	36.69
Feb-16		#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		0.00	21.17
Mar-16		#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		0.00	29.63
Apr-16		#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		0.00	41.61
May-16		#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		0.00	62.06
Jun-16		#VALUE!			#VALUE!			#VALUE!			#VALUE!			#VALUE!		0.00	58.53
MG Totals	0.00	3.29	3.29	0.00	0.01	0.01	2.07	4.94	2.87	0.00	0.00	0.00	274.17	267.85	-6.32	274.17	541.44

	Actual non SFPUC	Predicted non SFPUC	Actual SFPUC	Predicted SFPUC	TOTAL Actual	Predicted	Pred-act
	2.07	8.24	274.17	267.85	276.24	276.08	-0.16
% Total	0.75%	2.98%	99.25%	97.02%	100.06%		

Monthly Production FY 15 vs FY 16



Cumulative Production FY 15 vs.FY16



Plant Water Use*				Unmetered Water					2015		MG	
	Denniston Plant	Nunes Plant	Total	Main Flushing	Detector Checks*	Main Breaks	Fire Dept	Miscellaneous	Tank Level Difference	Total		
JAN	1.360	1.510	2.870	0.012	0.006	0.118	0.000	0.014	0.146	3.165		
FEB	1.030	1.240	2.270	0.000	0.010	0.000	0.000	0.014	0.066	2.359		
MAR	1.350	1.440	2.790	0.000	0.006	0.020	0.000	0.014	-0.129	2.701		
APR	1.240	1.510	2.750	0.000	0.010	0.014	0.100	0.014	-0.351	2.537		
MAY	0.020	1.580	1.600	0.000	0.007	0.299	0.000	0.014	-0.270	1.650		
JUN	2.090	0.000	2.090	0.000	0.025	0.105	0.000	0.014	0.669	2.904		
JUL	0.000	2.440	2.440	0.000	0.010	0.097	0.006	0.014	0.004	2.571		
AUG	0.000	2.500	2.500	0.000	0.010	0.000	0.000	0.019	-0.456	2.073		
SEP	0.000	2.300	2.300	0.005	0.138	0.065	0.000	0.014	0.408	2.930		
OCT	0.000	2.240	2.240	0.000	0.016	0.008	0.002	0.014	0.172	2.452		
NOV	0.000	2.690	2.690	0.004	0.029	0.000	0.000	0.014	-0.303	2.434		
DEC										0.000		
<b>TOTAL</b>	<b>7.09</b>	<b>19.45</b>	<b>26.54</b>	<b>0.02</b>	<b>0.27</b>	<b>0.73</b>	<b>0.11</b>	<b>0.16</b>	<b>-0.04</b>	<b>27.78</b>		

## Coastside County Water District Monthly Sales By Category (MG)

[illegible][illegible]**FY 2015**

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Date
RESIDENTIAL	23.474	41.937	21.877	38.106	18.617	29.883	16.677	31.929	17.817	34.098	18.276	31.530	324.22
COMMERCIAL	4.336	2.045	5.409	1.725	4.362	1.406	3.959	1.699	4.281	1.801	4.345	2.786	38.15
RESTAURANT	2.992	0.245	3.195	0.254	3.047	0.146	2.976	0.185	2.998	0.203	2.967	1.695	20.90
HOTELS/MOTELS	3.352	2.348	4.065	2.235	3.466	1.370	3.248	1.532	3.145	2.141	3.008	2.976	32.89
SCHOOLS	1.118	1.584	1.475	1.685	0.503	0.313	0.447	0.735	0.859	1.187	0.845	0.897	11.65
MULTI DWELL	2.324	3.024	2.413	2.876	2.271	2.136	2.494	2.444	2.459	2.695	2.078	2.821	30.04
BEACHES/PARKS	1.029	0.043	1.228	0.055	0.583	0.010	0.159	0.007	0.252	0.023	0.518	0.436	4.34
AGRICULTURE	4.427	4.472	6.060	6.457	4.296	3.216	4.973	5.088	6.339	8.293	4.177	6.177	63.98
RECREATIONAL	0.107	0.250	0.126	0.278	0.117	0.162	0.108	0.205	0.117	0.249	0.132	0.222	2.07
MARINE	1.023	0.000	1.454	0.000	1.272	0.000	1.227	0.000	1.019	0.000	1.012	0.459	7.47
IRRIGATION	9.748	18.954	9.754	9.438	2.132	1.712	1.202	2.591	3.712	4.693	2.933	4.992	71.86
Portable Meters	0.000	0.606	0.000	0.685	0.000	0.247	0.000	0.427	0.000	0.294	0.000	0.346	2.60
TOTAL - MG	53.93	75.51	57.06	63.79	40.67	40.60	37.47	46.84	43.00	55.68	40.29	55.33	610.17

[illegible]

## Coastside County Water District Monthly Leak Report

	Date Reported Discovered	Date Repaired	Location	Pipe Class	Pipe Size & Type	Estimated Water Loss (Gallons)*	Equipment Costs	Material Costs	Employee hours	Labor Costs	Total Costs	
1				<b>NO LEAKS IN NOVEMBER 2015</b>					Staff	Hours		\$0.00
2									Staff	Hours		\$0.00
3									Staff	Hours		\$0.00
4									Staff	Hours		\$0.00
5									Staff	Hours		\$0.00
6									Staff	Hours		\$0.00
7									Staff	Hours		\$0.00
8									Staff	Hours		\$0.00
<b>Totals</b>						<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0.00</b>
*includes 1,000 gallons for mains to daylight plus 1,000 gallons to flush mains or 100 gallons to flush services								<b>Staff x hours = 0</b>				

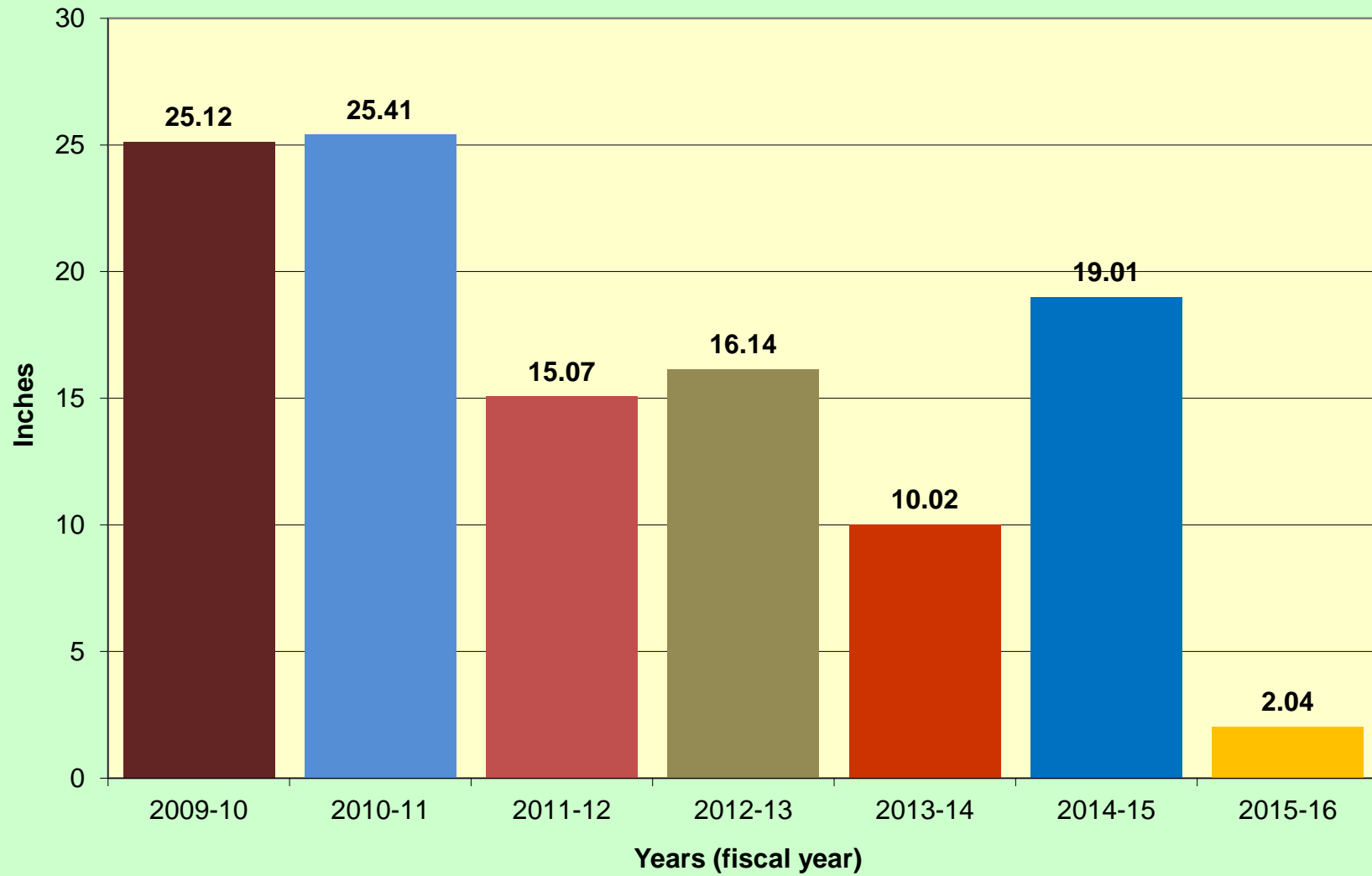


### District Office Rainfall in Inches

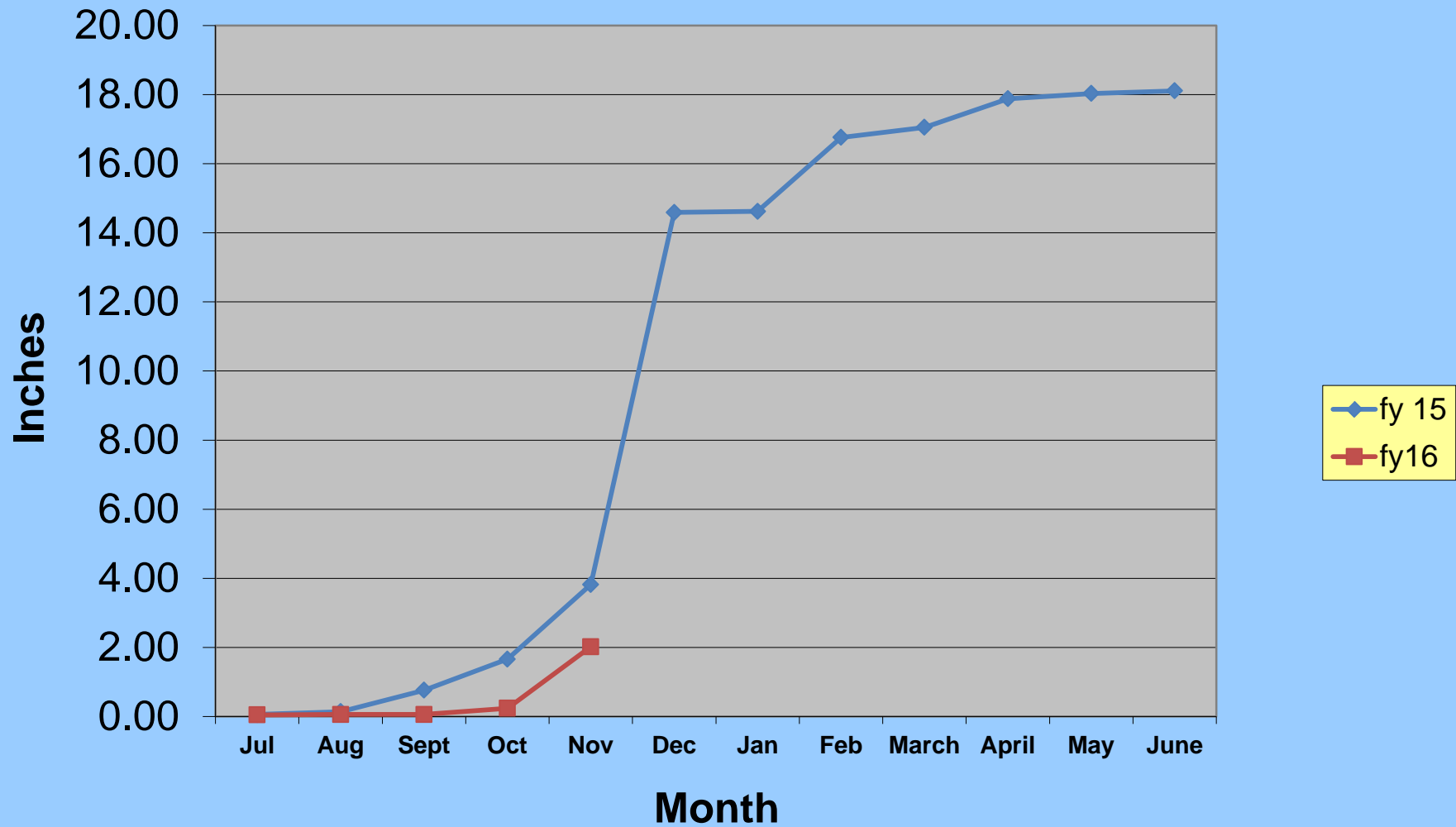
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## Rain Totals

### Fiscal Years 10 - 16



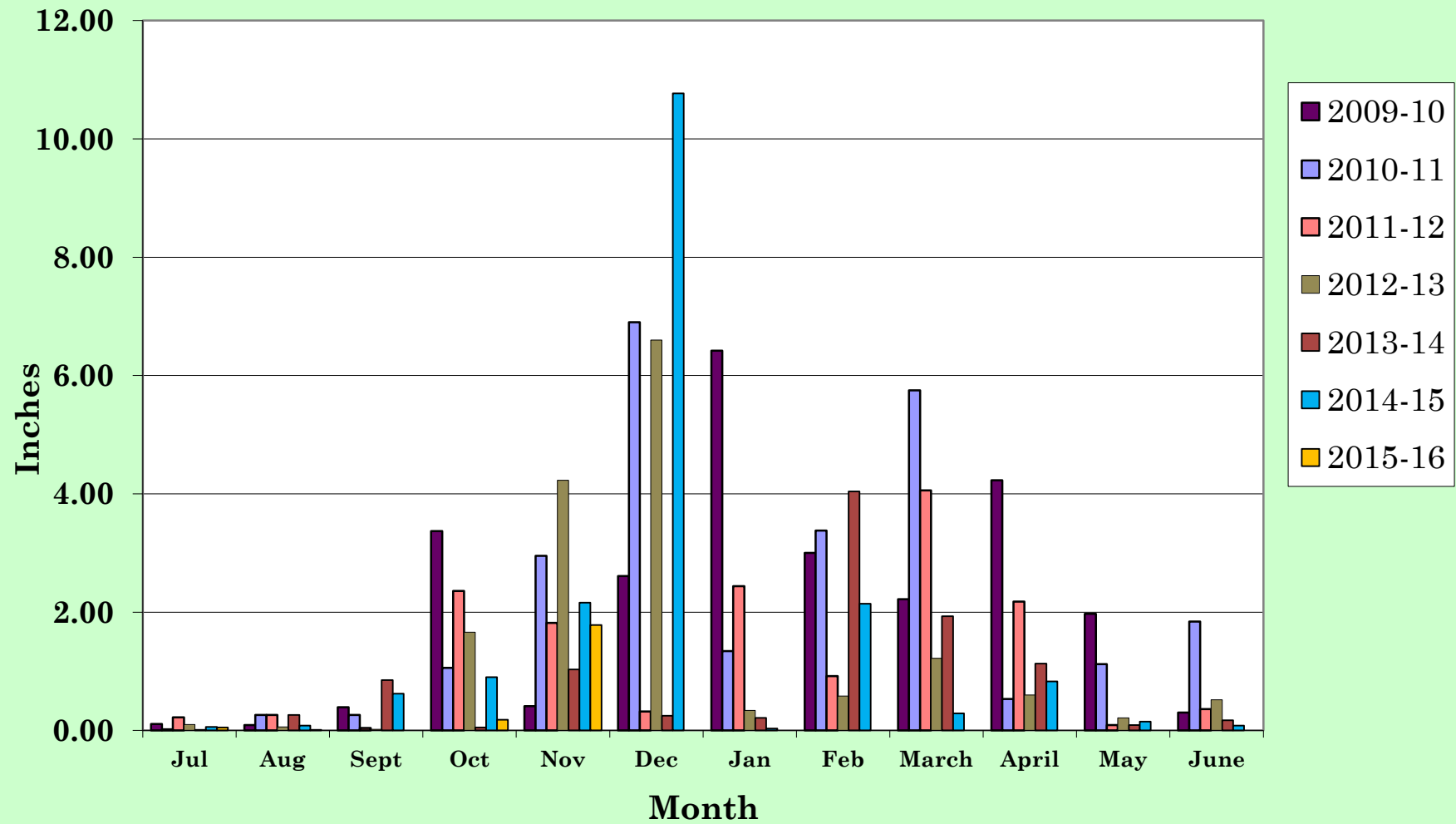
## Rainfall Total Comparison Fiscal Years 15 and 16



# Coastside County Water District

## Rainfall by Month

Fiscal Years 09 - 15



## MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2015

NAME: CCWD weather station CITY: STATE:  
 ELEV: 80 ft LAT: 37° 18' 00" N LONG: 122° 18' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1	60.8	68.7	3:30p	51.9	5:30a	4.5	0.3	0.05	0.9	9.0	10:30a	W
2	57.2	62.6	2:30p	49.7	12:00m	7.8	0.0	0.57	1.4	19.0	4:00p	NE
3	52.4	62.6	1:00p	43.7	7:00a	12.6	0.0	0.00	1.1	14.0	2:30p	E
4	51.0	65.6	1:00p	40.7	7:00a	14.0	0.0	0.01	1.6	17.0	11:30a	E
5	50.4	62.3	10:30a	41.0	4:30a	14.6	0.0	0.00	0.8	7.0	10:30a	E
6	53.2	65.4	1:30p	43.5	1:00a	11.8	0.0	0.00	0.8	9.0	6:00a	N
7	52.2	66.7	12:30p	42.2	5:30a	12.8	0.0	0.00	0.8	11.0	10:30a	WNW
8	52.9	62.9	3:30p	44.9	4:00a	12.1	0.0	0.02	0.4	7.0	9:30a	ENE
9	52.5	59.7	1:30p	45.0	6:00a	12.5	0.0	0.32	1.2	13.0	8:30a	WSW
10	50.2	61.1	2:00p	42.1	7:00a	14.8	0.0	0.01	1.5	15.0	12:00p	E
11	49.2	61.8	2:00p	39.5	7:00a	15.8	0.0	0.00	1.3	10.0	2:30p	E
12	51.3	66.3	2:00p	42.8	4:30a	13.7	0.0	0.01	1.8	14.0	12:30p	E
13	54.4	69.3	3:00p	42.4	1:30a	11.2	0.6	0.00	2.1	16.0	12:00p	ENE
14	52.4	63.2	11:30a	42.8	6:30a	12.6	0.0	0.00	0.8	10.0	1:00p	SSE
15	54.7	58.3	3:00a	51.4	12:00m	10.3	0.0	0.53	4.8	25.0	8:30p	NE
16	52.1	59.7	12:30p	40.2	6:30a	12.9	0.0	0.00	3.1	22.0	12:30a	NE
17	51.8	61.1	2:00p	44.1	1:30a	13.2	0.0	0.00	0.9	14.0	1:00p	S
18	53.4	64.1	2:00p	44.9	3:30a	11.6	0.0	0.01	1.2	16.0	2:00p	E
19	54.5	67.1	4:00p	43.6	7:00a	10.6	0.1	0.01	0.7	9.0	3:00p	E
20	56.8	69.8	11:30a	49.0	11:30p	8.4	0.2	0.00	1.2	14.0	10:30a	S
21	61.1	71.6	2:30p	46.1	6:00a	5.3	1.4	0.01	3.7	21.0	9:30a	E
22	61.0	71.2	1:30p	48.5	12:00m	4.6	0.6	0.00	2.1	16.0	7:00a	E
23	50.4	56.0	3:00p	44.8	11:00p	14.6	0.0	0.00	0.2	7.0	3:30p	E
24	53.3	56.6	3:30p	46.8	12:30a	11.7	0.0	0.18	1.9	18.0	11:00a	SSW
25	45.0	54.6	2:30p	37.8	7:30a	20.0	0.0	0.05	1.4	14.0	2:30p	E
26	45.0	53.8	3:30p	37.5	5:30a	20.0	0.0	0.00	2.9	22.0	9:30a	E
27	45.9	56.7	2:00p	37.0	11:30p	19.1	0.0	0.00	2.7	21.0	11:00a	E
28	49.1	56.9	3:00p	36.1	1:00a	15.9	0.0	0.00	4.3	19.0	6:30a	E
29	49.4	60.4	2:30p	40.6	11:30p	15.6	0.0	0.00	3.6	18.0	6:00a	E
30	47.9	53.3	2:00p	39.9	2:00a	17.1	0.0	0.00	3.0	17.0	12:00m	E
	52.4	71.6	21	36.1	28	381.7	3.2	1.78	1.8	25.0	15	E

Max &gt;= 90.0: 0

Max &lt;= 32.0: 0

Min &lt;= 32.0: 0

Min &lt;= 0.0: 0

Max Rain: 0.57 ON 11/02/15

Days of Rain: 7 (&gt;.01 in) 4 (&gt;.1 in) 0 (&gt;1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

[illegible]



# San Francisco Public Utilities Commission Hydrological Conditions Report For October 2015

J. Chester, C. Graham, A. Mazurkiewicz, & M. Tsang, November 9, 2015



The **Cherry Creek Diversion Dam** (lower) and the **Lower Cherry Aqueduct** were operated during October to deliver water from Cherry Reservoir to the Hetch Hetchy Regional Water. Water was delivered to the Bay Area and treated at the Sunol Valley Water Treatment Plant.

Current Tuolumne System and Local Bay Area storage conditions are summarized in Table 1.

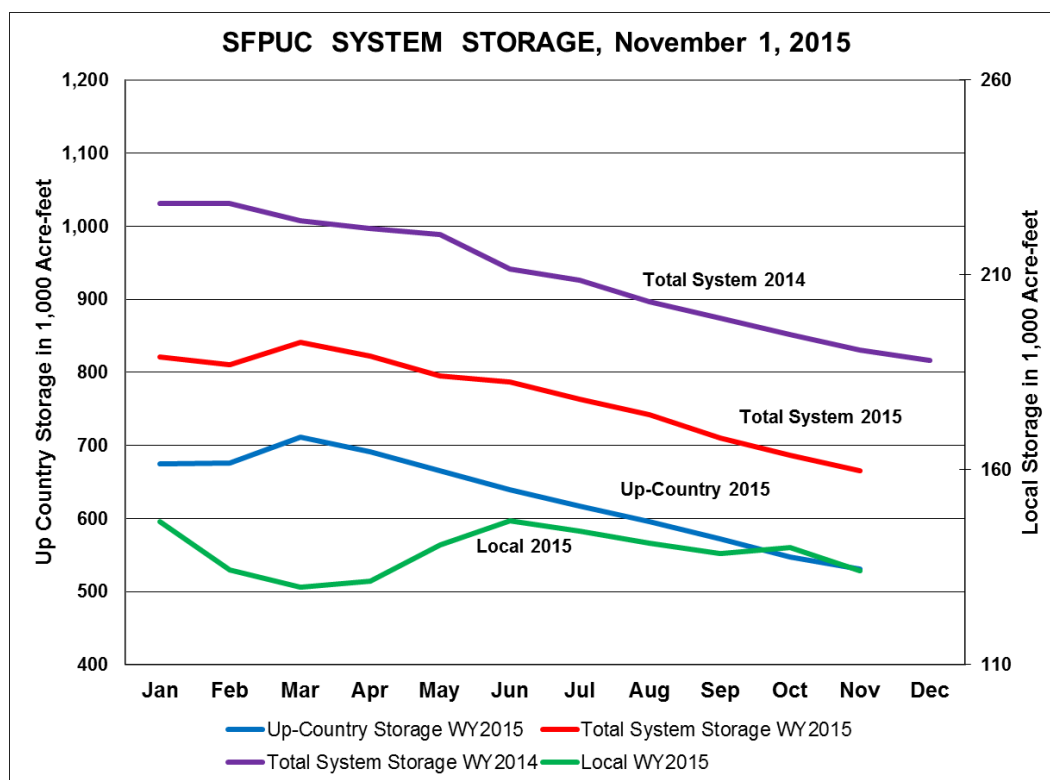
Table 1 Current Storage As of November 1, 2015							
Reservoir	Current Storage		Maximum Storage		Available Capacity		Percentage of Maximum Storage
	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	Acre-Feet	Millions of Gallons	
Tuolumne System							
Hetch Hetchy <sup>1</sup>	262,380		340,830		78,450		77.0%
Cherry <sup>2</sup>	76,057		268,810		192,753		28.3%
Lake Eleanor <sup>3</sup>	20		21,495		21,475		0.1%
Water Bank	192,765		570,000		377,235		33.8%
Tuolumne Storage	531,222		1,201,135		669,913		44.2%
Local Bay Area Storage							
Calaveras <sup>4</sup>	20,002	6,518	96,824	31,550	76,821	25,032	20.7%
San Antonio	43,919	14,311	50,496	16,454	6,576	2,143	87.0%
Crystal Springs	52,409	17,078	58,377	19,022	5,967	1,944	89.8%
San Andreas	15,766	5,137	18,996	6,190	3,230	1,053	83.0%
Pilarcitos	2,051	668	2,995	976	944	308	68.5%
Total Local Storage	134,148	43,712	227,688	74,192	93,539	30,480	58.9%
Total System	665,370		1,428,822		763,452		46.6%

<sup>1</sup> Maximum Hetch Hetchy Reservoir storage with drum gates de-activated.

<sup>2</sup> Maximum Cherry Reservoir storage with flash-boards removed.

<sup>3</sup> Maximum Lake Eleanor storage with flash-boards removed.

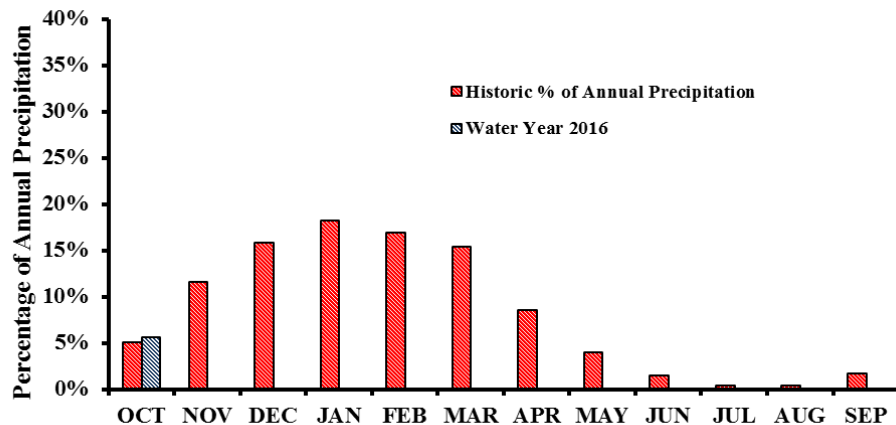
<sup>4</sup> Available capacity does not take into account current DSOD storage restrictions.



**Figure 1: Monthly system storage for calendar year 2015**

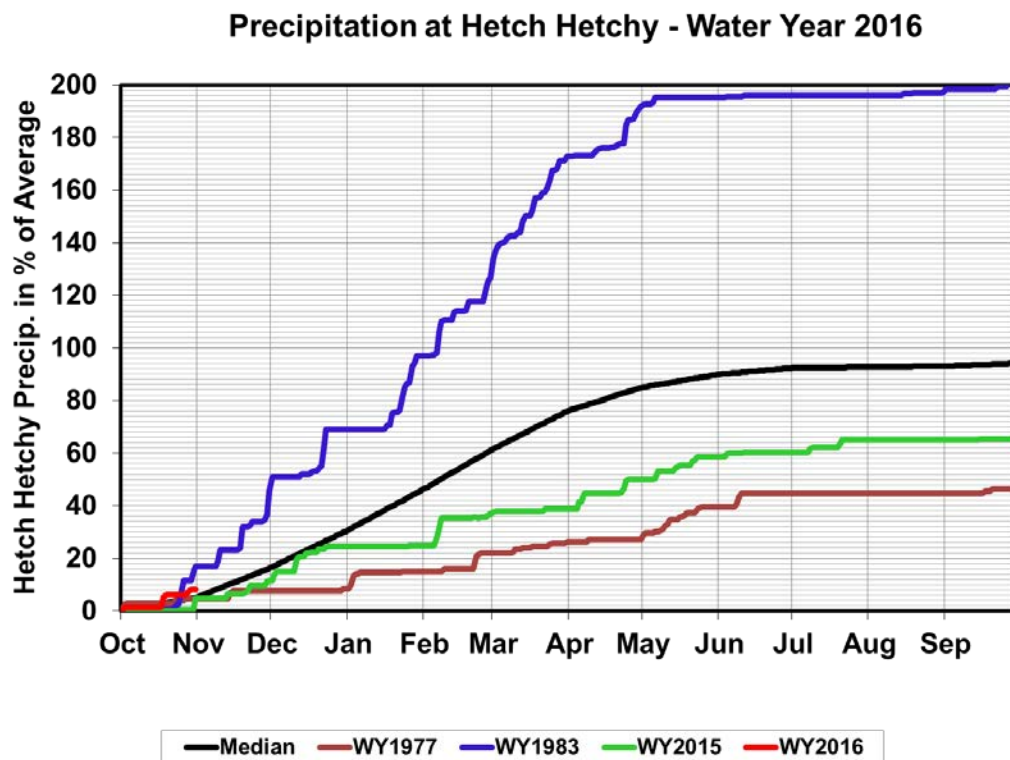
## Hetch Hetchy System Precipitation Index <sup>5/</sup>

*Current Month:* The October six-station precipitation index was 2.01 inch, or 108% of the average index for the month.



**Figure 2:** Monthly distribution of the Hetch Hetchy Six-station precipitation index as percent of the annual average precipitation.

*Cumulative Precipitation to Date:* The accumulated six-station precipitation index for water year 2016 is 2.01 inches, which is 5.65% of the average annual water year total, or 108.1% of average annual to date. Hetch Hetchy received 2.87 inches of precipitation in October, for a water year total of 2.87 inches. The cumulative Hetch Hetchy precipitation is shown in Figure 3 in red.



**Figure 3:** Water year 2016 cumulative precipitation measured at Hetch Hetchy Reservoir through October 31<sup>st</sup>, 2015. Precipitation at the Hetch Hetchy gauge for wet, dry, median, and WY 2015 are included for comparison purposes.

<sup>5/</sup>The precipitation index is computed using six Sierra precipitation stations and is an indicator of the wetness of the basin for the water year to date. The index is computed as the average of the six stations and is expressed in inches and in percent.

## Tuolumne Basin Unimpaired Inflow

Unimpaired inflow to SFPUC reservoirs and the Tuolumne River at La Grange as of October 31<sup>st</sup> is summarized below in Table 2.

<b>Table 2 Unimpaired Inflow Acre-Feet</b>								
	October 2015				October 1, 2015 through October 31, 2015			
	Observed Flow	Median <sup>6</sup>	Average <sup>6</sup>	Percent of Average	Observed Flow	Median <sup>6</sup>	Average <sup>6</sup>	Percent of Average
Inflow to Hetch Hetchy Reservoir	5,839	3,178	6,429	90.8%	5,839	3,178	6,429	90.8%
Inflow to Cherry Reservoir and Lake Eleanor	468	2,387	5,598	8.4%	468	2,387	5,598	8.4%
Tuolumne River at La Grange	11,310	10,099	17,675	64.0%	11,310	10,099	17,675	64.0%
Water Available to the City	0	0	2,547	0.0%	0	0	2,547	0.0%

<sup>6</sup> Hydrologic Record: 1919 – 2015

## Hetch Hetchy System Operations

Draft and releases from Hetch Hetchy Reservoir during the month of October totaled 16,627 acre-feet to meet SJPL deliveries and instream release requirements.

The instream release schedule at Hetch Hetchy Reservoir for the month of October was year type C (dry conditions). This year type is based upon accumulated runoff from October 1<sup>st</sup>, 2014 through July 31, 2015. The instream release requirement from Hetch Hetchy Reservoir was 35 cfs throughout October. The water year type will remain type C until December 31, 2015, when it will be re-evaluated based on precipitation to date of water year 2016. Hetch Hetchy releases for November will be 35cfs.

18,355 acre-feet of draft was made from Cherry Reservoir during the month of October to meet senior water right obligations and instream release requirements. 6,781 acre-feet of additional water was released for the operation of the Lower Cherry Aqueduct. Lake Eleanor has been drained since September for maintenance work. No water was transferred from Lake Eleanor to Cherry Reservoir in October. The required minimum instream release from Lake Eleanor and from Cherry Reservoir was 5 cfs during October. Instream flow requirements from each reservoir for the month of November are 5 cfs.

## Local System Treatment Plant Production

The Harry Tracy Water Treatment Plant average production rate for the month was 62 MGD. The Sunol Valley Water Treatment Plant average production for October was 76 MGD. Beginning October 12<sup>th</sup> the plant began treating San Joaquin Pipeline delivered water as part of the Lower Cherry Aqueduct operation.

## Local System Water Delivery

The average October local system delivery rate was 186 MGD which is a 7% decrease below the September delivery rate of 200 MGD.



## Local Precipitation

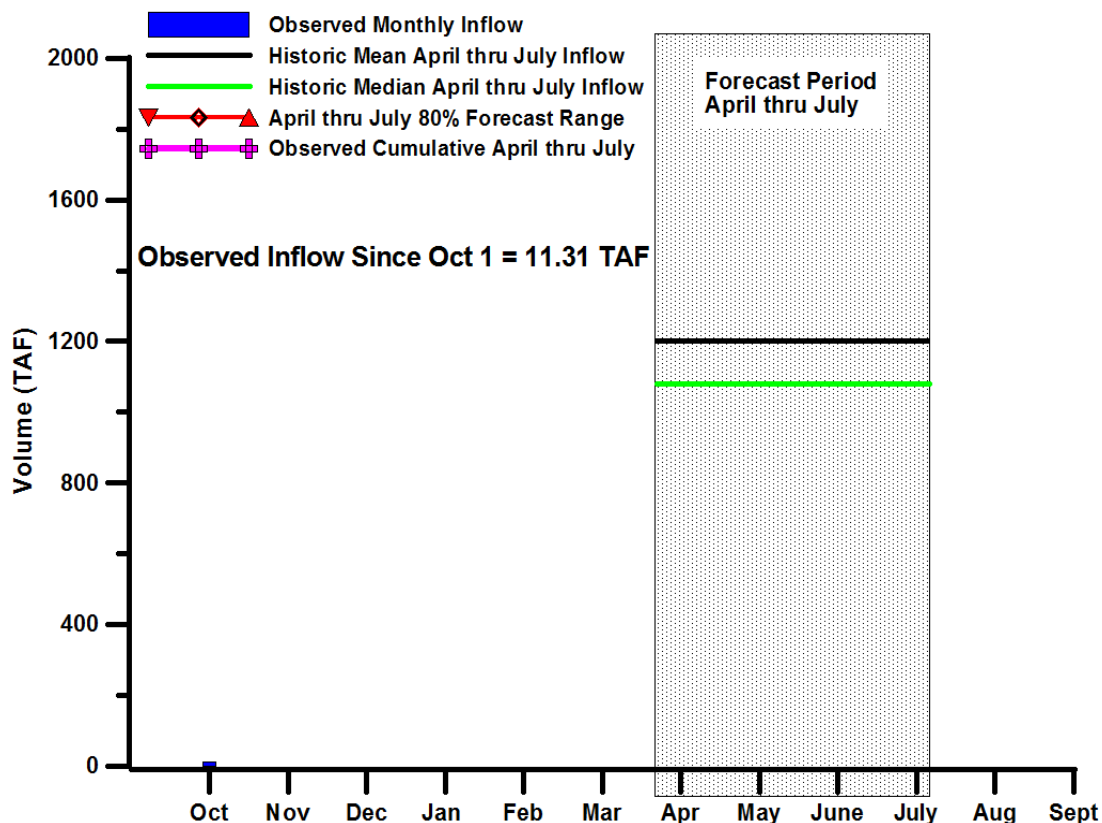
The local area watersheds remained mostly dry for the month. The October rainfall summary is presented in Table 3.

Reservoir	Month Total (inches)	Percentage of Average for the Month	Water Year to Date <sup>7</sup> (inches)	Percentage of Average for the Year-to-Date <sup>7</sup>
Pilarcitos	0.21	9%	0.21	9%
Lower Crystal Springs	0.04	3%	0.04	3%
Calaveras	0.17	15%	0.17	15%

<sup>7</sup> WY 2016: Oct. 2015 through Sep. 2016.

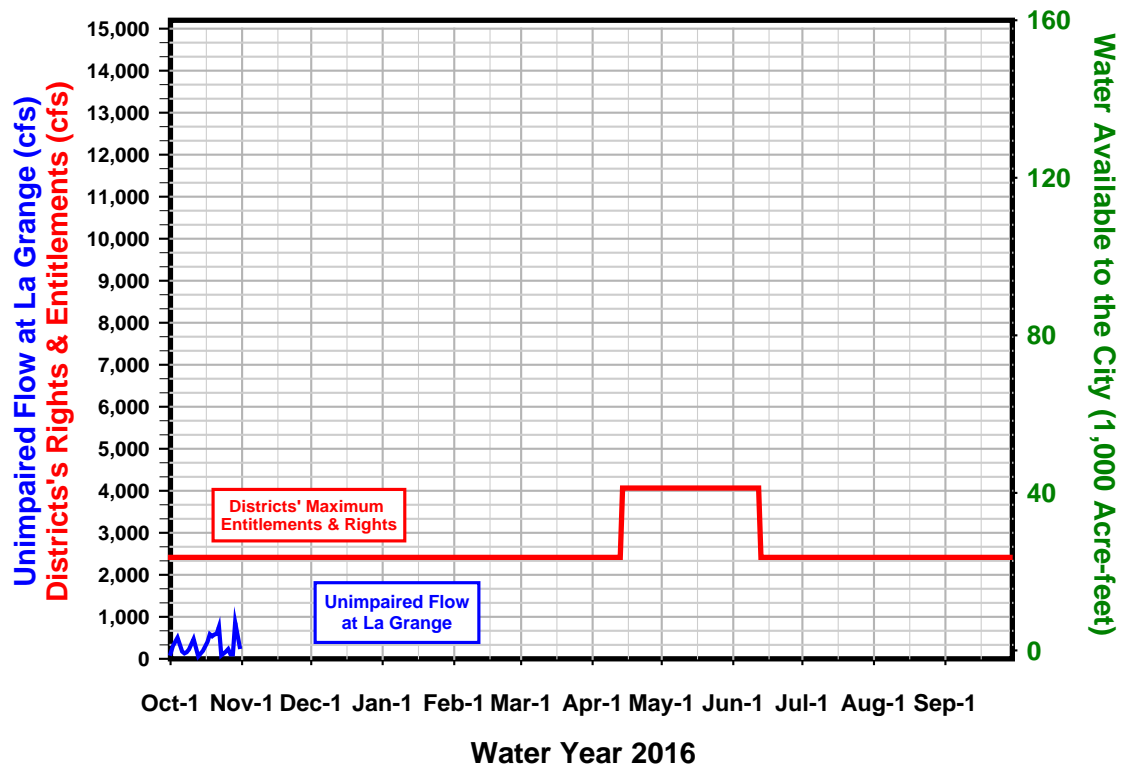
## Snowmelt and Water Supply

Water year 2016 started out with precipitation on October 1<sup>st</sup> and two additional events brought the precipitation total in the Tuolumne Basin to just above normal for the month of October at 108%. The seasonal forecast for the fall months does not indicate above or below normal precipitation conditions. The National Weather Service's Climate Prediction Center updated the seasonal forecasts on October 15<sup>th</sup> and currently provides guidance for an increased chance of above normal precipitation for the November through May period. This forecast is primarily based on the current El Nino conditions. The historical precipitation and runoff record for the region shows that the 6 years that qualify as Strong El Nino conditions have resulted in both above normal and below normal conditions in the Tuolumne Basin. As a result no direct correlation of El Nino conditions to an above normal precipitation year can be drawn. However, the previous strong El Nino water year was 1998 where the precipitation gauge at Hetch Hetchy received 164% of normal precipitation for the water year.



**Figure 4:** Water year 2016 conditions for the Tuolumne River at La Grange.

## Unimpaired Flow at La Grange & Water Available to the City



**Figure 5:** Calculated unimpaired flow at La Grange and the allocation of flows between the Districts and the City. No water has become available to the City during water year 2016.

cc	HHWP Records	Gambon, Paul	Levin, Ellen	Ritchie, Steve
	Briggs, David	Graham, Chris	Mazurkiewicz, Adam	Sandkulla, Nicole
	Carlin, Michael	Hale, Barbara	Meier, Steve	Tsang, Michael
	Chester, John	Hannaford, Margaret	Moses, Matt	Williams, Mike
	Chiang, Jiayo	Kelly, Harlan	Patterson, Mike	
	DeGraca, Andrew	Jue, Tyrone	Perl, Charles	
	Dhakal, Amod	Kehoe, Paula	Nelson, Chris	
	Dufour, Alexis	Lehr, Dan	Ramirez, Tim	

**STAFF REPORT**

**To: Coastside County Water District Board of Directors**

**From: Dave Dickson, General Manager**

**Agenda: December 8, 2015**

**Date: December 1, 2015**

**Subject: Acceptance of Subdivision Utility System  
Half Moon Village Senior Housing Phase II  
Bloom Lane, Half Moon Bay**

---

**Recommendation:**

Accept the Subdivision Utility System for Bloom Lane, Half Moon Bay (APN 056-210-420) in accordance with the terms of the Water Service Agreement (Agreement) between Coastside County Water District (District) and Half Moon Village II Associates, L.P. and the Housing Authority of the County of San Mateo (Applicant) dated April 15, 2014.

**Background:**

The Subdivision Utility System for Bloom Lane was completed in June 2015. The Applicant has met all of the conditions specified in Agreement Section 12 – Acceptance by District.

**Fiscal Impact:**

None.

## **STAFF REPORT**

**To: Coastside County Water District Board of Directors**

**From: Dave Dickson, General Manager**

**Agenda: December 8, 2015**

**Date: November 30, 2015**

**Subject: Notice of Completion – Denniston Filters Surface Wash Repair Project**

---

### **Recommendation:**

That the Board of Directors takes the following actions:

- (1) Accept the Denniston Filters Surface Wash Repair Project as complete.
- (2) Authorize the Notice of Completion to be filed with the County of San Mateo.
- (3) Authorize the release of the retention funds when the Notice of Completion has been recorded and returned to the District.

### **Background**

Coastside County Water District entered into a contract with ERS Industrial services, Inc. on October 1, 2015 for the Denniston Filters Surface Wash Repair Project.

The work consisted of performing an interior inspection of 3 pressure filters and preparing a Filter Inspection Report; replacing the filter surface wash headers in 2 of the filters; adding manganese greensand filter media to each of the filters; adding anthracite coal media to each of the filters; protective coating of new steel surfaces and damaged steel surfaces inside the filters; and disinfection of each of the filters. The interior of the filters is classified as a confined space, and all work within the filters was performed in compliance with confined space requirements.

The site of the work is located in the unincorporated community of El Granada, San Mateo County, at 150 Denniston Creek Road. (APN 037-320-140). The project was completed on November 10, 2015 and was constructed according to District specifications.

**Fiscal Impact:** None.



RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO

Name  
Street  
Address  
City &  
State

COASTSIDE COUNTY WATER DISTRICT  
766 MAIN STREET  
HALF MOON BAY, CA 94019

SPACE ABOVE THIS LINE FOR RECORDER'S USE

RECORD WITHOUT FEE Govt. Code § 6103 & 27383

### NOTICE OF COMPLETION

1. The undersigned is an owner of an interest or estate in the hereafter described real property, the nature of which is: Fee Title

2. The full name and address of the undersigned is:

COASTSIDE COUNTY WATER DISTRICT  
766 MAIN STREET  
HALF MOON BAY, CALIFORNIA 94019

3. On November 10, 2015 there was completed upon the hereinafter described real property a work of improvement as a whole named Denniston Filters Surface Wash Repair Project. The work consisted of performing an interior inspection of 3 pressure filters and preparing a Filter Inspection Report; replacing the filter surface wash headers in 2 of the filters; adding manganese greensand filter media to each of the filters; adding anthracite coal media to each of the filters; protective coating of new steel surfaces and damaged steel surfaces inside the filters; and disinfection of each of the filters. The interior of the filters is classified as a confined space, and all work within the filters was performed in compliance with confined space requirements.

4. The name of the original contractor for the work of improvement as a whole was: ERS Industrial services, Inc., 2120 Warm Springs Ct., Fremont, CA 94539-6774

5. The real property herein referred to is situated in the County of San Mateo, State of California, and described as follows:

*The work is located within property owned by the District at 150 Denniston Creek Road, El Granada, California (Assessor Parcel Number 037-320-140).*

I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

COASTSIDE COUNTY WATER DISTRICT

BY: \_\_\_\_\_  
David R. Dickson, Secretary

### **VERIFICATION**

I, David R. Dickson, declare that I am the Secretary of the Coastside County Water District and am authorized to make this verification for that reason. I have read said Notice of Completion and know the contents thereof to be true and correct.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on December 8, 2015, at Half Moon Bay, California  
(Date) (Place where signed)

By: \_\_\_\_\_  
David R. Dickson,  
Secretary of the District

## **STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** David Dickson, General Manager

**Agenda:** December 8, 2015

Report

Date: December 1, 2015

**Subject:** Contract with Balance Hydrologics for Denniston/San Vicente Stream Gaging, Groundwater Monitoring, and Data Analysis

---

### **Recommendation:**

Authorize staff to:

1. Contract with Balance Hydrologics, Inc. for Water Year 2016 stream gaging, groundwater monitoring, and data analysis for the Denniston Creek and San Vicente Creek watersheds for an estimated time-and-materials cost of \$79,000.
2. Purchase District-owned equipment for gaging and groundwater monitoring for an estimated cost of \$29,250.

### **Background:**

Quantifying the amount of water available for diversion from Denniston and San Vicente Creeks is vitally important to the District's efforts to secure its water rights on those streams. Balance Hydrologics (Balance) has provided stream gaging, monitoring, and analysis services to the District starting with Water Year 2011 (WY11 - October 1, 2010 to September 30, 2011). Balance's proposal dated November 30, 2015 (Attachment A) covers WY16 continuation of gaging and analysis services for stations on Denniston and San Vicente Creeks, and groundwater monitoring. This year's scope includes one-time expenses for upgrading three gaging stations to provide online real-time data. The total estimated time-and-materials cost of this work is \$79,000.

Because we will need to monitor streamflows and groundwater levels in these watersheds on a continuing basis, Balance has recommended that the District purchase monitoring equipment to eliminate rental costs, resulting in a long-term savings. The estimated cost of the equipment, shown in Attachment B, is \$29,250.

### **Fiscal Impact:**

Cost of \$110,000 over FY16 and FY17, from funds included in the Capital Improvement Program for Denniston/San Vicente.



800 Bancroft Way • Suite 101 • Berkeley, CA 94710-2227 • (510) 704-1000

www.balancehydro.com • email: office@balancehydro.com

Berkeley • Santa Cruz • Truckee

November 30, 2015

David Dickson, General Manager  
Coastside County Water District  
766 Main Street  
Half Moon Bay, CA 94019-1995

**RE: Proposal to gage Denniston Creek, San Vicente Creek, and monitoring inactive wells, Water Year 2016**

Dear Mr. Dickson:

You have asked us for a recommended scope to continue surface monitoring in Denniston and San Vicente Creeks, and groundwater in the adjoining alluvial aquifers. This proposal encompasses continuation of the WY2011 through WY2015 into WY2016 of baseline stream gaging. Results will extend the traditional three-year assessment period to evaluate (a) streamflow adequacy, and (b) meet regulatory needs – both for the CCWD ongoing EIR process and for eventually perfecting of your water rights -- and (c) in this case, basic streamflow characterization, such that CCWD can plan a program of diversions most compatible with the uniquely ‘spongy’ Montara-type hydrology of these streams, as described in our previous reports. We believe that extending the monitoring period will facilitate CCWD’s environmental and permitting process and will be beneficial for assessing diversion strategies that meet your expectations for yield and for site-appropriate watershed protection.

WY2016 began on October 1, 2016. It is our understanding that you are interested in purchasing monitoring equipment moving forward. At your request, this scope of work does not include equipment rental fees, as it has in the past. Instead we will provide you with a separate cost estimate for equipment purchase to replace all of the currently deployed monitoring equipment, plus some equipment upgrades discussed below. We will leave our recording instruments in place, and assume a modest prorated rental fee through December, by which time we will assume the appropriate approvals will occur and orders will take place. We propose to continue the present program of streamflow gaging on both streams. Per our discussions recent discussions, and subsequent visits by Balance staff, we have also included an additional task, Task 1 below. Task 1 will allow us to (a) upgrade the Etheldore and the California St. gages to post stage (and flow, in the case of California St.) to our website in “real-time”, and (b) relocate the California St. gage to a location slightly upstream in order to limit the influence of upwelling from the Seal Cove fault on the flow record, and find a more stable location for gaging. In addition, Task 1 will cover coordination and installation of an upgraded “real-time” station at the DCAD monitoring station, which is intended to assist your staff with management of the Denniston water treatment plant. We will also concurrently monitor water levels (and salinities) in four wells, three piezometers, and in Pillar Point Marsh, such that interaction of streamflow and groundwater may be described.

Mr. David Dickson  
11/30/2015  
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To address the objectives of this work, we have scoped work in bundles as summarized in the following task list:

1. *Gage maintenance and real-time upgrades, San Vicente and Denniston Creeks*
2. *Wet-season gaging of two stations on Denniston Creek*
3. *Wet-season gaging of three stations on San Vicente Creek*
4. *Dry-season gaging of three stations on Denniston Creek, synoptic readings*
5. *Dry-season gaging of three stations on San Vicente Creek, additional station at Etheldore Street*
6. *Quarterly groundwater monitoring*
7. *Draft and final water year 2016 reporting*
8. *Project administration*

The next several paragraphs elaborate on this proposed approach.

Additionally, WY2016 seems to be the right time to transition from temporary rented equipment to gaging stations with District-owned equipment. The change will result in annual savings of about \$12,000, with about a 2-year payoff. The work covered in Task 1, below, are largely one-time tasks, and we expect the overall labor for subsequent water year to be lower than WY2016. A new generation of telemetric equipment will be available at the end of year, allowing improved resolution and service. This is further explained below.

## ***Work Scope***

### ***Task 1. Gage maintenance and real-time upgrades, San Vicente Creek, and DCAD***

Task 1 will allow us to (a) upgrade the Etheldore and the California St. gages to post stage (and flow, in the case of California St.) to our website in real-time, and (b) relocate the California St. gage to a to-be-determined location approximately 100-200 feet upstream if the existing California Street gage. Relocating the gage should limit the influence of potential upwelling from the Seal Cove fault on the flow record (an important criterion for the mitigation monitoring gaging), find a location for gaging with a more stable bed, and find a location that represents the overall flow conditions of the reach at the downstream edge of the Airport Aquifer well. It is assumed that it will take 24 hours to coordinate permission and access at Etheldore and California.

Under this task we will also work with you to upgrade DCAD to real-time to assist District staff with management of the Denniston water treatment plant. We will likely do this by also installing a real-time transducer at the flume, and give CCWD a choice as to whether to use the treatment plant access road gage or the flume site for this purpose. It also provides redundancy, as one or the other will likely not be valid for several weeks after a major storm, until we can make post-storm measurements. In addition, we have allotted a portion of time to craft a flume operations memo, which you and your staff can refer to in order to maintain and operate the flume effectively.

In all cases, we assume that you will want us to host the real-time data on a password protected page on our website, however if you want us to host the data publicly, we can do that for no additional cost. The same holds true if you would like some data to go to the public website, and some to go to a private site.

Please note that we recommend switching over to CCWD-owned equipment in January or February, 2016. Our modem supplier recently discontinued our preferred cellular modem model and the current

Mr. David Dickson  
11/30/2015  
Page 3

offering has significantly more draw. The vendor has reported that they will be releasing a new, more energy-efficient modem by the end of 2015. Because most of the planned real-time sites have marginal sun exposure, we recommend that CCWD wait until the new modem is available to upgrade the stations. We have included a fee to continue our equipment rental program for a half-season, summarized in the Anticipated Cost section, below. We have allocated hours to coordinate the purchase of equipment for CCWD, and because we have an account with Campbell Scientific, we assume you will assign us to purchase the equipment (without a markup). We also assume that we will store the equipment at our Berkeley office for rapid deployment in the case of malfunction.

Task 2. Wet-season gaging of two stations on Denniston Creek

The measurements must conform with the requirements of the Division of Water Rights, as put forth below. For Denniston Creek we will monitor flow near the existing upstream-most station, near the water treatment plant. The equipment currently installed at the upstream-most station on Denniston Creek consists of a Solinst F15 Levelogger within a stilling well in the channel upstream of the culvert under the access road to the new water treatment facility. The new equipment will consist of a Campbell Scientific datalogger, connected to two pressure transducers, batteries, a solar panel, and cellular modem.

Presently the preliminary station data is made available via our real-time system on the Balance Hydrologics website. This feature provides real-time information to both the CCWD staff and Balance staff as well. In addition to the uses to which you put the data, having this information available remotely will improve the success of winter monitoring and save budget. We suggest continuing funding of the real-time aspect of this station. Measuring flow at this location provides information that will help us understand the interaction between surface and groundwater in the Denniston Creek watershed.

This task provides time for us to make 4 or 5 site visits during winter. These visits allow us to calibrate the stations by performing a flow (discharge) measurement and a staff plate (gage height) reading. During winter storms when flows are elevated we will make supplemental field visits to make measurements of flow and other observations (i.e. identify high-water marks, qualitative observations of water quality, etc.) These visits are required to complete the stage-to-discharge rating curve through the highest flows observed. In the office, we will calculate the flow, enter the information into the station log, plot the data on a stage-to-discharge rating curve, add the downloaded data to the station spreadsheet, and reduce the data to daily mean flow values.

Part of this task will be refining our formal flow-rating curves for both stations on Denniston Creek.

**Deliverable:** Raw data used to develop a record of daily mean flow and temperature for each of the stations, and posted near-real-time to public and/or operational websites

Task 3. Wet-season gaging of four stations on San Vicente Creek

If the District has continued interest in pursuing diversions of water from San Vicente Creek, we suggest that CCWD gage flows *during the winter* at four locations on San Vicente Creek – above the diversion (SVAD), below the diversion at the bridge (SVBD), at the newly installed gage at Etheldore St. (SVAE), and at California Avenue, near the mouth and the point at which the stream flows into Fitzgerald Marine

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11/30/2015  
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Reserve. We will utilize the existing equipment arrays until appropriate replacement equipment becomes available to the CCWD for purchase.

This task provides time for us to make 6 site visits, October through April, to calibrate the stations by performing a flow (discharge) measurement and a staff plate (gage height) reading. We plan on up to two additional visits to refine the rating curve for the relocated station near California St. During monthly visits we will also download data from the levelloggers and make channel observations and perform necessary maintenance. During winter storms when flows are elevated we will make supplemental field visits to make measurements of flow and other observations (i.e. identify high water marks, qualitative observations of water quality, etc.). These visits are required to complete the stage-to-discharge rating curve and to extend it upward into the higher range of flows where most of water available for diversion may be found. In the office, we will calculate the flow, enter field information into the station log, plot the data on a stage-to-discharge rating curve, add the downloaded data to station spreadsheet, and reduce the data to 15-minute increments and daily mean flow values.

**Deliverable:** Raw data used to develop a record of daily mean flow and temperature for each of the stations.

*Task 4. Dry-season gaging of three stations on Denniston Creek, additional synoptic flow measurements*

This task provides time for us to make three site visits – June, August and early October 2016 – to calibrate the station by performing a flow (discharge) measurement and a staff plate (gage height) reading. We will also download data from the levellogger and make channel observations and any perform maintenance, as needed. In the office, we will calculate the flow, enter the information into the station log, plot the data on a stage-to-discharge rating curve, add the downloaded data to station spreadsheet, and reduce the data to daily mean flow values.

We suspect there may be sufficient underflow (flow which moves beneath the bed as groundwater connected to the stream) at the DCAD station to warrant a low-flow synoptic measurement. The DCAD gaging site is located just upstream of Denniston Reservoir, and we suspect that the slug of sediment upstream of the reservoir may be quite permeable such that we need to estimate underflow at this gage to support the technical analysis for your water rights. We propose to take up to two additional measurements upstream of DCAD adjacent to the upper Brussels Sprouts fields, to assess the potential under-flow that we suspect may occur at the DCAD station.

We have added 6 hours to take additional synoptic flow measurements along Denniston Creek to help assess the interactions between streamflow and the shallow aquifer. We expect to take additional measurements upstream of DCAD near the canyon Brussels sprouts fields, and downstream of Denniston Reservoir.

**Deliverable:** Raw data used to develop a record of daily mean flow and temperature for each of the stations.

*Task 5. Dry-season gaging of three stations on San Vicente Creek, additional station at Etheldore St.*

Mr. David Dickson  
11/30/2015  
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This task provides time for us to make three site visits –June, August and early October 2016 – to calibrate the station by performing a flow (discharge) measurement and a staff plate (gage height) reading. We will also download data from the levellogger and make channel observations and perform any maintenance, as needed. In the office, we will calculate the flow, enter the information into the station log, plot the data on a stage-to-discharge rating curve, add the downloaded data to station spreadsheet, and reduce the data to daily mean flow values. The additional station is necessary because the 1970 agreement with the Torrello Ranch granting CCWD permission to divert from San Vicente Creek requires that CCWD guarantee a ‘wetted bed’ at this location; if this condition is not met, CCWD must curtail its diversions until this condition is satisfied.

WY2015 was exceptionally dry. As such, the station was installed after flows ceased at Etheldore St. We evaluated channel conditions up and downstream of Etheldore St. and suggest that the Etheldore St. crossing is the geomorphically the preferred location to gage for the EIR point-of-compliance, because it is located where the range front meets the head of the alluvial fan on which most of Moss Beach is built. Our evaluation of channel conditions suggests that a weir may be challenging, because of the highly mobile bed, and rapid hyporheic exchange. The culverts under Etheldore St. may provide the best control for gaging. We propose to gage at the upstream face of the Etheldore St. bridge. If gage data suggest that the location is inadequate, we will move forward with installing a small low-flow weir in the channel within 50 feet, upstream of Etheldore St.

**Deliverable:** Raw data used to develop a record of daily mean flow and temperature for each of the stations.

#### Task 6. Groundwater monitoring

Each of the three monitoring wells (Inactive wells 4, 7, and 9) is currently equipped with a levellogger that logs water level and temperature every hour. In addition, we suggest that you continue to monitor the three piezometer nest (three co-located piezometers screened at staggered depths) located along the north flank of West Avenue at Pillar Point Marsh. The three piezometers have been instrumented for a number of years and the data constitute the lower boundary condition for the shallow aquifer recharged by San Vicente and Denniston Creeks. This task provides time for us to measure depth-to-water and specific conductance in the three monitoring wells and three Pillar Point Marsh piezometers and download data during three site visits in October 2015, April 2016, and September 2016. In the office, we will enter the information into the station log, add the downloaded data to the station spreadsheet, calibrate and plot the hourly data.

**Deliverable:** Raw data that may be used to develop a record of daily mean water level and temperature for each of three CCWD monitoring wells and Pillar Point Marsh piezometers, plus monitoring forms

#### Task 7. Draft and final water year 2016 reporting

We will summarize and explain the basic hydrologic findings in a water year 2016 report. The written report will include a summary form for each station tabulating the daily mean data and identifying station descriptors and plots of the data and rating curves, and water surface time series data for the monitoring wells. This is a data report. In-depth interpretation will be reserved, and authorized separately should it



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become necessary for further EIR or regulatory efforts. We will submit the draft report to you, and prepare a final report responding to your comments, and perhaps those of others on your project team.

**Deliverable:** Draft report in Microsoft Word. Final report pdf, editable copy of the draft in Word, and one bound hard copy.

#### Task 8. Project administration

This task simply provides time to help schedule and administer project in a way that best helps you and us regularly track schedule and budget.

#### ***Anticipated Costs***

Our estimates of staff assignments and level of effort for each task are shown in Table 1. The estimated total costs to complete this work are shown at the bottom of Table 2; they include a half-season of instrumentation rental costs prior to the anticipated replacement of the monitoring equipment with the new, improved CCWD-owned hardware. In addition, Table 2 covers expenses not allocated to individual tasks, such as mileage. In the future, we anticipate that the remaining rental fees will include modem line fees (Anticipated to be \$30/month for real-time sites) and travel and equipment fees (Anticipated to be approximately \$1000/year), and the occasional purchase of hardware to re-habilitate gage station, when issues arise.

As is customary for field related jobs, this total also includes a 10% contingency allowance *which will only be used after consultation with you*. The contingency allows for a smoother absorption of additional costs of things beyond our control which inhibit the efficient completion of our work. Examples of situations that might require use of the contingency allowance are repair and/or replacement of a stream gaging station damaged by high flows, earthquakes or other “Acts of God”, changes requested by your staff or a landowner, a very wet year requiring additional visits, or shifts in regulatory requirements and lost samples due to lab or shipping company errors. A breakdown of rental costs associated with this project is available upon request. We have also assumed that CCWD will continue help obtain ready access to the gages and wells.

Please note that on October 19, **2014** our staff billing rates have changed, however did not include the new rates in last year’s budget. The new rates have been included in the attached budget table. In addition, Balance’s project manager has been promoted and has assumed a new rate level, and the project staff has shifted. We have made every effort to minimize the impact of these changes by allocated staff hours in a prudent, technically sound, but cost-effective manner. The monitoring budget has been spread among billing categories to account for a range of the staff we expect to be available.

We have tasked our work to assist you understanding the basis of most costs and the timing of the work. After reviewing the costs, please let me know if they are in line with your expectations. Although we have made out best effort to provide an accurate estimate to you, our work is done on a time-and-expense basis, so costs could be somewhat higher or lower than these estimates.

Mr. David Dickson  
11/30/2015  
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***Anticipated Schedule***

We will begin drawing from this budget once it has been approved to cover our preparations already undertaken for the beginning of the 2016 water year. We will conclude monitoring through October 1, 2016. We will provide a completed draft report to the District by in a timely manner. If needed earlier for regulatory purposes, we will attempt to make adjustments as needed for reporting.

***Proposed Project Staff***

Barry Hecht will continue as the Principal in charge and act as senior reviewer. Eric Donaldson will serve as project manager. Field hydrologists Eric Donaldson, Krysia Skorko, Chelsea Neill (Berkeley office), and Jason Parke (Santa Cruz office) have been servicing the stream gaging stations and wells and working with the data; they will continue to do so. Other staff may be called upon during winter storm flow monitoring.

Mr. David Dickson  
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***Registration***

Work will be conducted under active State of California registration, as required under the State's Business and Professional Code. The Division of Water Rights has recently tightened its enforcement of registration for hydrological reports.

***Closing***

Thanks for asking that we prepare this proposal. We appreciate the opportunity to continue the streamflow gaging through the next water year on these two creeks and look forward to supporting you through the ongoing and future work related to the EIR process.

Please let us know if you have questions or suggestions, or if your needs and schedule differ from our assumptions, above.

Sincerely,

BALANCE HYDROLOGICS, INC.

Eric Donaldson, P.G.  
Hydrologist/Geomorphologist

Barry Hecht, CEG, CHg  
Senior Principal

Encl. Tables 1 and 2 for WY2016

**Table 1. Anticipated Staff Hours by Task**  
**216057 Coastside County Water District Hydrologic Monitoring, WY2016**

Task Number and Description	Sr. Principal	Principal	Sr. Specialist	Senior Professional	Project Professional	Sr. Staff Professional	Staff Professional	Assistant Professional	Junior Professional	GIS Sr Analyst	GIS/CADD Specialist	Sr. Proj Admin	Sr. Report Specialist	Report Specialist	Hydrologic Tech	Labor Costs For Task
<i>Hourly Rate</i>	\$215	\$185	\$170	\$165	\$145	\$135	\$120	\$105	\$90	\$110	\$95	\$85	\$80	\$75	\$70	
Task 1. Gage maintenance and upgrades, San Vicente and Denniston Creeks	10			18	36		24									\$13,220
Task 2. Wet-season gaging of two stations on Denniston Creek utilizing equipment currently installed	8			8	15		50									\$11,215
Task 3. Wet-season gaging of three stations on San Vicente Creek utilizing equipment currently installed	8			8	30		75									\$16,390
Task 4. Dry-season gaging of two stations on Denniston Creek	2				8		20									\$3,990
Task 5. Dry-season gaging of three stations on San Vicente Creek, additional gage at Etheldore	4			2	20		40									\$8,890
Task 6. Quarterly groundwater monitoring	2				3		14			1						\$2,655
Task 7. Draft and final water year 2014 reporting	6			4	16		14			3			10	2		\$7,230
Task 8. Project administration	2				12							12				\$3,190
<b>Subtotal Hours</b>	42			40	140		237			4		12	10	2		
<b>Total Hours</b>	<b>487</b>															

Notes:

**TOTAL LABOR** \$66,780.00**Expenses from Table 2** \$4,735.00**Contingency from Table 2** \$7,151.50**GRAND TOTAL** \$78,666.50

**Table 2. Estimated Costs**  
**216057 Coastsides County Water District Hydrologic Monitoring, WY2016**

Professional Fees	Rate	Hours	Allocation
Sr. Principal	\$215	42	\$9,030.00
Principal	\$185	0	\$0.00
Senior Specialist	\$170	0	\$0.00
Senior Professional	\$165	40	\$6,600.00
Project Professional	\$145	140	\$20,300.00
Senior Staff Professional	\$135	0	\$0.00
Staff Professional	\$120	237	\$28,440.00
Assistant Professional	\$105	0	\$0.00
Junior Professional	\$90	0	\$0.00
GIS Senior Analyst	\$110	4	\$440.00
GIS/CADD Specialist	\$95	0	\$0.00
Senior Project Administrator	\$85	12	\$1,020.00
Senior Report Specialist	\$80	10	\$800.00
Technical Typist	\$75	2	\$150.00
Hydrologic Technician	\$70	0	\$0.00
<b>Labor Subtotal (Table 1)</b>			<b>\$66,780.00</b>
<b>Expenses</b>			
<b>Direct Expense Estimates</b>			
Mileage	1500 miles @	\$0.60	\$900.00
Equipment Costs (prorated to 1 half-season)			\$2,425.00
Modem fees (1 station @ 12 mo, 3 stations @ 6 mo)	@	\$30/mo	\$900.00
<b>Reimbursable Costs</b>			
Other Travel, Subsistence	trips @		\$50.00
Express Mail, Deliveries			\$0.00
Maps and Aerial Photos			\$0.00
Outside Copying, Blueprint			\$0.00
Outside Consultants			\$0.00
Analytical Laboratory Fees			\$0.00
Materials and Supplies			\$300.00
Permits, Licenses or Agency Inspection fee	client responsibility		\$0.00
Printing			\$0.00
Other	2 additional enameled white staff plates		\$160.00
<b>Expenses Subtotal</b>			<b>\$4,735.00</b>
<b>ESTIMATED TOTAL</b>			<b>\$71,515.00</b>
<b>Contingency</b>			<b>\$7,151.50</b>
<b>TOTAL w/ CONTINGENCY</b>			<b>\$78,666.50</b>

*Notes*

*Additional costs may be incurred if the instrumentation network is destroyed or damaged by a high-recurrence storm.*

Equipment rental is for about half a season, after which new equipment which we will purchase for the District will be installed.

New telemetric equipment will be billed without a markup

Project-related expenses will be bill at cost plus 7.5%; including work by outside consultants and analytical or testing laboratories.

Reference Table: Preliminary Cost Estimate of gear to be purchased by CCWD

Station	Type	Quantity	Cost Estimate	Note
SVAD	Solinst Levellogger Edge - F15	2	\$ 1,100.00	Direct replacement
SVBD	Solinst Levellogger Edge - F15	2	\$ 1,100.00	Direct replacement
SVAE (Etheldore)	Campbell Scientic - real-time	1	\$ 4,500.00	Upgrade to real-time
SVCA	Campbell Scientic - real-time	1	\$ 4,500.00	Upgrade to real-time
DCAD - flume	Campbell Scientic - real-time	1	\$ 4,500.00	Upgrade to real-time
DCAD - access rd. culvert	Solinst Levellogger Edge - F15	1	\$ 550.00	Could also be an additional real-time sensor wired to DCAD flume logge
DCBC	Campbell Scientic - real-time	1	\$ 4,500.00	Direct replacement
Well 4	Solinst Levellogger Edge - F30	1	\$ 550.00	Direct replacement
Well 7	Solinst Levellogger Edge - F30	1	\$ 550.00	Direct replacement
Well 9	Solinst Levellogger Edge - F30	1	\$ 550.00	Direct replacement
Piezometer 1	Solinst Levellogger Edge - F30	1	\$ 550.00	Direct replacement
Piezometer 2	Solinst Levellogger Edge - F30	1	\$ 550.00	Direct replacement
Piezometer 3	Solinst Levellogger Edge - F30	1	\$ 550.00	Direct replacement
Pillar Point Marsh	Solinst Levellogger Edge - F15	1	\$ 550.00	Direct replacement
Barometric pressure logger	Solinst Levellogger Edge - F5	1	\$ 550.00	Direct replacement
Spare Real time	Campbell Scientic - real time	partial	\$ 3,000.00	spare logger, spare sensors
Spare Levelloggers	Solinst Levellogger Edge - F15	2	\$ 1,100.00	
<b>Total purchase estimate</b>			<b>\$ 29,250.00</b>	

## **STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** David Dickson, General Manager

**Agenda:** December 8, 2015

Report

**Date:** December 4, 2015

**Subject:** General Manager's Report

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### **Recommendation:**

None. Information only.

### **Background:**

For this month's report, I would like to highlight the following:

- 1. SFPUC Rate Increase** – At the November 5 meeting of the BAWSCA Water Management Representatives, SFPUC CFO Eric Sandler told us that SFPUC's FY2016-2017 rate increase will be somewhere between 19% and 33%. These new figures represent a dramatic change from the previous projection of a slight decrease in the FY17 wholesale water rate, reflecting the effect of the steep decline in water sales.
- 2. Harbor District Billing Refund** – Mary Rogren and I met with new Harbor District General Manager Steve McGrath on November 20 to discuss the billing error that resulted in a \$114,661 refund to the Harbor District. Beginning in January 2016, the Harbor District will assume responsibility for billing Harbor District tenants, ending the long-standing arrangement under which CCWD metered and billed a number of tenants within the harbor's water system.
- 3. El Granada Pipeline Replacement Final Phase Project Status** – The City of Half Moon Bay's approval of the Coastal Development Permit for this project became final with the expiration of the 10-day appeal period following approval by the Planning Commission on November 10. The 10-day Coastal Commission appeal period that began with the Coastal Commission's receipt of the City's Notice of Final Action will end on December 14.

We will open bids for this project on December 15, and we plan to bring the proposed contract award to the Board at the January 12 meeting. Construction will begin in February and will complete within four months.

## **MONTHLY REPORT**

**To:** David Dickson, General Manager  
**From:** Joe Guistino, Superintendent of Operations  
**Agenda:** December 8, 2015

### **Report**

**Date:** December 3, 2015

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### **Monthly Highlights**

#### Washington-Ventura Street Main Replacement Project

Project is moving forward now that we have resolved the issue of the high voltage line crossing.

#### Denniston Dam Spillways

Both spillways have been rendered safer by treatment staff.

### **Source of Supply**

Crystal Springs and Pilarcitos Well #1 were the only source of supply in November, supplying 39.2 and 2.1 million gallons (MG) of water respectively.

### **System Improvements**

#### Denniston Dam Spillways

Treatment Staff made improvements to the stop logs at the large spillway at Denniston Dam. They sealed the bottom boards and have replaced the top 4x12 boards with smaller boards to allow easier removal and increased safety for the operators.

We are also designing an improved access hatch for the small spillway, again for ease of operation and worker safety.

#### Badger e-meters

We have installed 6 e-meters as a pilot to test their accuracy and maintenance issues. These meters will detect lower flows than the standard mechanical meters and have no moving parts.

#### El Granada Pump Station (PS) 3

We have installed new and improved lighting at this station, which will allow for an improved work environment for the operators. Improvements were also made to the sampling system for the on-line instrumentation at this plant and the other two El Granada stations.



### Caustic Soda Tank

Caustic Soda (Sodium Hydroxide) is one of the most dangerous chemicals used at our treatment plants. It is used for pH control to minimize corrosion in our distribution system. The caustic storage tank at Denniston did not have a proper isolation valve on the discharge piping. Treatment Staff, with the assistance of the caustic soda supplier, emptied the tank and installed a proper valve on the discharge piping without incident.

### **Other Activities Update:**

#### Stone Dam Pipeline Repair

San Francisco Public Utility District (SFPUC) granted an extension for the Stone Dam temporary pipeline permit. We have a new design for the temporary pipeline connection and will be taking it forward to SFPUC staff for approval.

#### O&M Manuals

Treatment Staff did an outstanding job of finalizing the O&M Manuals for our water treatment facilities. They will be submitted to the California Water Resources Control Board (CWRCB) in December for approval.

#### Denniston Water Treatment Plant (WTP)

Treatment Staff is preparing the Denniston WTP for startup on the first week of December.

### **Regulatory Agency Interaction**

#### CWRCB

I spoke with Karen Nishimoto, the sanitary engineer assigned to oversee Coastside County Water District (CCWD), in November about a few questions that she had on our response letter from our annual sanitary survey that she conducted in May. She was very pleased that we addressed all of their concerns quickly and efficiently.

### **Safety/Training/Inspections/Meetings**

#### Meetings Attended

10 November – Met with City Engineer as to Washington Street Project  
12 November – Operations & Maintenance (O&M) Staff Meeting  
12 November – Met with WSO as to water audit  
12 November – Met with Kennedy/Jenks on the Denniston Booster Station and Transmission Main Project

#### Tailgate safety sessions in October

3 November – Vehicle Safety: Check, Inspect, Drive!  
9 November – Carbon Monoxide: Noisy Tools Can Harbor a Silent Killer  
23 November – Don't Dig into Trouble in Trenches

### CINTAS Safety Committee and Training

There was no Safety Committee Meeting scheduled in November. The safety training in November was cancelled.

### Training

I attended a 40 hour Backflow Administration Class in Sunnyvale in November. I took the state certification exam on Saturday, 21 November and am presently awaiting results.

### **Projects**

#### Washington-Ventura Street Main Replacement Project

The power in the immediate vicinity of Washington Street was shut down briefly at the beginning of the month to safely cross under the high voltage cables near the west end of the project. The new main on Washington was tied in to the 16" El Granada Pipeline at the east end and the contractor is presently jumping over the service connections. Once the service connections are complete they will tie in the west end to the existing mains. This project will be completed in December.

#### Denniston Filters Surface Wash Repair Project

This project is complete and the filters surveyed and the report has been sent to CWRCB. The plant will be started up on the first week of December.

#### Supervisory Control and Data Acquisition (SCADA) Project

Calcon has been working on the system wide SCADA project. Panels are being assembled and plans have been established for all tank and pump station sites.

## STAFF REPORT

**To:** Board of Directors  
**From:** Cathleen Brennan, Water Resources Analyst  
**Agenda:** December 8, 2015  
**Report Date:** December 3, 2015  
**Subject:** Water Resources  
**Attachment:** Executive Order B-36-15

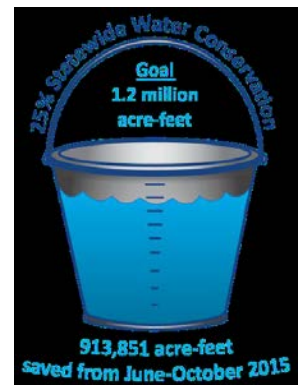
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**Informational Report:** New Executive Order B-36-15  
California Model Water Efficient Landscape Ordinance

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### New Executive Order B-36-15

In November, the Governor issued an additional Executive Order giving the State Water Resources Control Board (SWRCB) authority to extend and revise the existing emergency water conservation regulations. The current regulations mandated a water savings goal for urban water suppliers for a cumulative goal of 25 percent. The District's water savings goal is an 8 percent savings from June through February compared to the same months in the year 2013.



In a press release, the SWRCB emphasized that El Nino may bring significant precipitation this winter, but the severity of the current water shortage means that Californians must continue to conserve water. The SWRCB held a public workshop to consider extending and revising the emergency water conservation regulations on December 7, 2015.

### California Model Water Efficient Landscape Ordinance

The Governor directed the Department of Water Resources (DWR) to update the Model Water Efficient Landscape Ordinance (MWELO) by expedited regulation. The revised MWELO went into effect December 1, 2015. Cities and counties are required to adopt this ordinance or adopt a local ordinance that is as effective as the MWELO at saving water. The revised MWELO has new annual reporting requirements for cities and counties. DWR will compile the reporting from the cities and counties and report to the SWRCB.

**Executive Department**  
**State of California**

**EXECUTIVE ORDER B-36-15**

**WHEREAS** on January 17, 2014, I proclaimed a State of Emergency throughout the State of California due to severe drought conditions, which persist after four years; and

**WHEREAS** California is experiencing a range of extreme weather events such that the state must simultaneously prepare for a fifth year of drought and the possibility of major winter storms driven by the warming trend in the Pacific Ocean known as El Niño; and

**WHEREAS** the ongoing drought continues to affect water supplies, agriculture, businesses, and communities, and is further stressing California's fish and wildlife; and

**WHEREAS** wildfires have damaged critical infrastructure, including power plants, and hundreds of thousands of acres are and continue to be vulnerable to debris and mudslides due to scarring from significant wildfires in recent years; and

**WHEREAS** the magnitude of the severe drought conditions and wildfires continues to present threats beyond the control of the services, personnel, equipment, and facilities of any single local government and require the combined forces of a mutual aid region or regions to combat; and

**WHEREAS** under the provisions of section 8558(b) of the Government Code, I find that conditions of extreme peril to the safety of persons and property continue to exist in California due to water shortage, drought conditions, and wildfires; and

**WHEREAS** under the provisions of section 8571 of the Government Code, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay the mitigation of the effects of the drought and wildfires.

**NOW, THEREFORE, I, EDMUND G. BROWN JR.,** Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular sections 8567 and 8571 of the Government Code, do hereby issue this Executive Order, effective immediately.

**IT IS HEREBY ORDERED THAT:**

1. The orders and provisions contained in my January 17, 2014 Proclamation, my April 25, 2014 Proclamation, and Executive Orders B-26-14, B-28-14, and B-29-15 remain in full force and effect except as modified herein.

2. To demonstrate the feasibility of projects that can use available high water flows to recharge local groundwater while minimizing flooding risks, the State Water Resources Control Board and California Regional Water Quality Control Boards shall prioritize temporary water right permits, water quality certifications, waste discharge requirements, and conditional waivers of waste discharge requirements to accelerate approvals for projects that enhance the ability of a local or state agency to capture high precipitation events this winter and spring for local storage or recharge, consistent with water rights priorities and protections for fish and wildlife.
3. If drought conditions persist through January 2016, the Water Board shall extend until October 31, 2016, restrictions to achieve a statewide reduction in urban potable water usage. The Water Board shall consider modifying its existing restrictions to address uses of potable and non-potable water, as well as to incorporate insights gained from existing restrictions. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.
4. Of the \$15 million appropriated in Item 3940-101-0679 of the Budget Act of 2015, the State Water Resources Control Board shall use up to \$5 million for permanent solutions that provide safer, cleaner, and more reliable drinking water to households served by water systems serving less than 15 drinking water connections or households served by domestic wells or other individual water supplies. The Water Board shall prioritize funds to public agencies and other entities eligible for funding under Water Code section 13442, but the Water Board may provide direct assistance to well owners without water for alternative safe drinking water supplies, if an entity eligible under Water Code section 13442 is unable or unwilling to provide assistance.
5. The Energy Commission shall expedite the processing of all applications or petitions for amendments to power plant certifications issued by the Energy Commission for the purpose of remediating any wildfire damage and to restore power plant operation by authorizing emergency construction activities including demolition, alteration, replacement, repair or reconstruction necessary for power plant operation. Title 20, section 1769 of the California Code of Regulations is hereby waived for any such petition, and the Executive Director of the Energy Commission shall approve such petitions as he deems necessary. The Energy Commission shall give timely notice to all relevant local, regional, and state agencies of any petition subject to this directive, and shall post on its website any such petition.

6. For purposes of carrying out directives in this Executive Order, Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are hereby suspended. This suspension applies to any actions taken by state agencies, and for actions taken by local agencies where the state agency with primary responsibility for implementing the directive concurs that local action is required, as well as for any necessary permits or approvals required to complete these actions. This suspension, and those specified in paragraph 26 of Executive Order B-29-15 and any similar suspension specified in any of the orders listed in Paragraph 1 shall remain in effect until the drought state of emergency, or wildfire state of emergency with respect to directive 16, is terminated.
7. For purposes of carrying out directive 5, Chapter 3.5 (commencing with section 11340) of Part 1 of Division 3 of the Government Code is suspended for the development and adoption of regulations or guidelines needed to carry out the provisions in this Order.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

**I FURTHER DIRECT** that as soon as hereafter possible, this order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this order.

**IN WITNESS WHEREOF** I have  
hereunto set my hand and caused the  
Great Seal of the State of California to  
be affixed this 13th day of November  
2015.

  
EDMUND G. BROWN JR.  
Governor of California

**ATTEST:**

\_\_\_\_\_  
ALEX PADILLA  
Secretary of State