



Hidden Valley Lake Community Services District

Regular Board Meeting Agenda

DATE: October 15, 2013
TIME: 7:00 p.m.
PLACE: Hidden Valley Lake CSD
Administration Office, Boardroom
19400 Hartmann Road
Hidden Valley Lake, CA

- 1) CALL TO ORDER
- 2) PLEDGE OF ALLEGIANCE
- 3) ROLL CALL
- 4) APPROVAL OF AGENDA
- 5) CONSENT CALENDAR
 - (A) MINUTES: Approval of the Minutes of the Board of Directors meeting of September 17, 2013 is recommended
 - (B) WARRANTS: Approval of Warrant #031227-031295 for \$205,892.40 is recommended
 - (C) ALLOCATE \$15,000 OF UNRESTRICTED WATER FUND CAPITAL RESERVES for purchase of replacement Chlorine Analyzer is recommended
- 6) BOARD COMMITTEE REPORTS (for information only, no action anticipated)
 - Personnel Committee
 - Finance Committee
 - Security and Disaster Preparedness Program Committee
- 7) BOARD MEMBER ATTENDANCE AT OTHER MEETINGS (for information only, no action anticipated)
 - ACWA Region 1
 - ACWA State Legislative Committee
 - County OES
 - Other meetings attended
- 8) STAFF REPORTS (for information only, no action anticipated)
 - Accountant/Controller's Report
 - General Manager's Report
- 9) DISCUSSION AND POSSIBLE ACTION: Amended Agreement for Condition 18 Compliance Cost Sharing Between HVLCSD and Callayomi County Water District
- 10) DISCUSSION AND POSSIBLE ACTION: Acceptance of final CPS HR Consulting Base Salary Study report
- 11) DISCUSSION AND POSSIBLE ACTION: Definitions of Base Salary and Total Compensation

- 12) PUBLIC COMMENT
- 13) BOARD MEMBER COMMENT
- 14) CLOSED SESSION: Consultation and advice from legal counsel regarding pending litigation (one case/multiple claims). California Government Code Section 54956.9(a)
- 15) ADJOURNMENT (Next Regular Board Meeting November 19, 2013)

Public records are available upon request. Board Packets are posted on our website at www.hiddenvalleylakecsd.com. Click on the "Board Packet" link on the Agenda tab.

In compliance to the Americans with Disabilities Act, if you need special accommodations to participate in or attend the meeting please contact the District Office at 987-9201 at least 48 hours prior to the scheduled meeting.

Public shall be given the opportunity to comment on each agenda item before the Governing Board acts on that item, G.C. 54953.3. All other comments will be taken under Public Comment.



**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS MEETING MINUTES
MEETING DATE: SEPTEMBER 17, 2013**

The Hidden Valley Lake Community Services District Board of Directors met this evening at the District office located at 19400 Hartmann Road, in Hidden Valley Lake, California. Present were:

Director Judy Mirbegian, President
Director Jim Freeman, Vice President
Director Jim Lieberman
Director Carolyn Graham
Director Linda Herndon
Tasha Klewe, Accountant/Controller
Roland Sanford, General Manager

CALL TO ORDER

The meeting was called to order at 7:02 p.m. by President Mirbegian.

APPROVAL OF AGENDA

On a motion made by Director Herndon and second by Director Lieberman the Board unanimously approved the agenda.

CONSENT CALENDAR

On a motion made by Director Lieberman and second by Director Herndon the Board unanimously approved the following Consent Calendar items:

- (A) Minutes of the August 20, 2013 Board of Directors meeting
- (B) Warrants # 031129 - # 031226 for \$428,425.65

BOARD COMMITTEE REPORTS

Personnel Committee: No report

Finance Committee: No report

Security and Disaster Preparedness Program Committee: No report

BOARD MEMBER ATTENDANCE AT OTHER MEETINGS

ACWA Region 1 Board: Director Mirbegian briefly summarized the ACWA Region 1 Board's discussions regarding the proposed water bond for 2014.

**Hidden Valley Lake CSD
Warrant Summary Report
September 30, 2013**

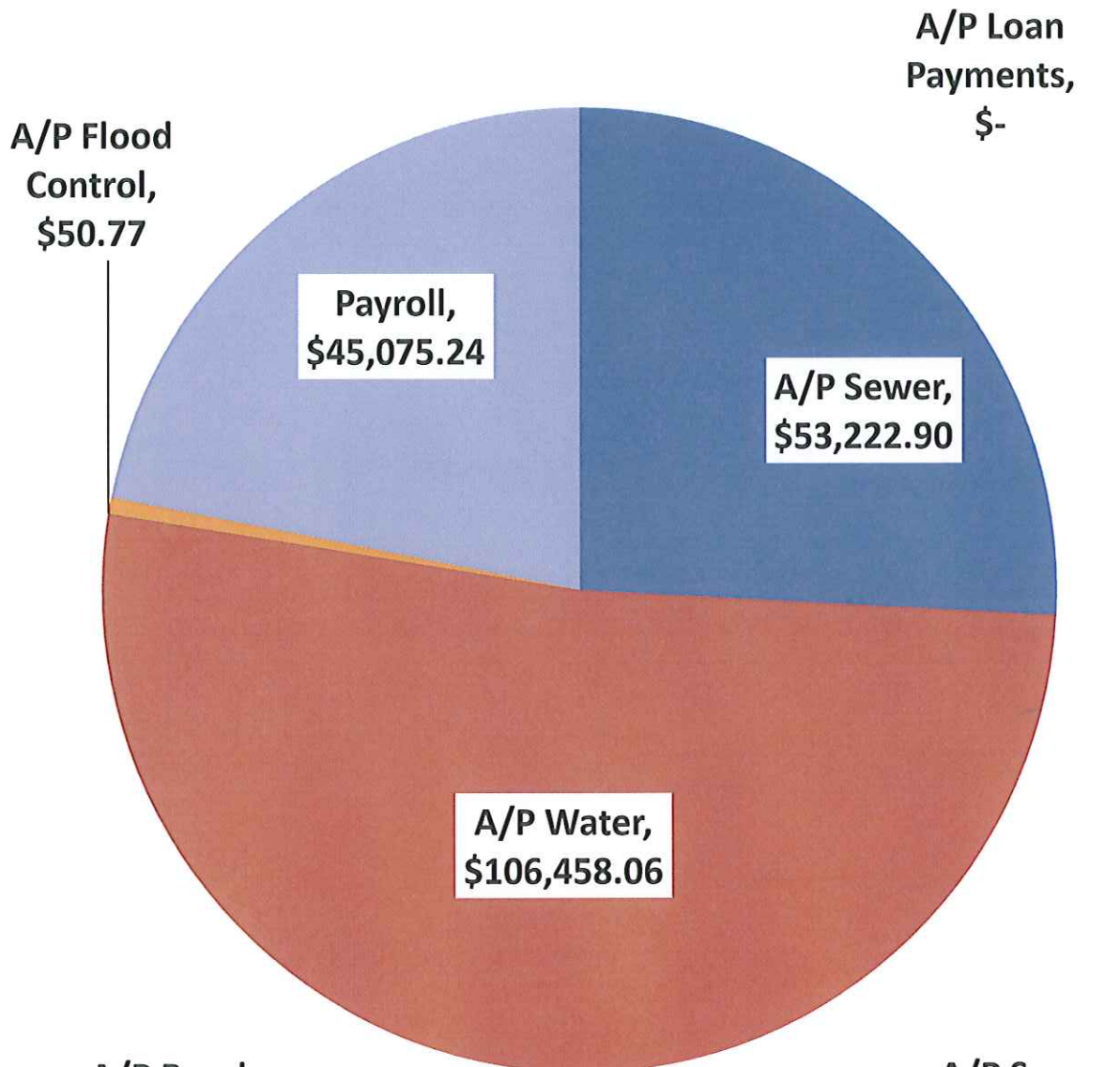
HVLCSD Deposit Summary

Cash	\$	356,136.14
Transfers:		
Money Market	\$	(44,390.56)
Total Deposits	\$	311,745.58

HVLCSD Expenditure Summary

Accounts Payable		
120 - Sewer	\$	53,222.90
130 - Water	\$	106,458.06
140 - Flood Control	\$	50.77
175 - FEMA Fund	\$	-
215 - USDA Sewer Bond	\$	-
217 - State Loan	\$	-
218 - CIEDB	\$	-
219 - USDA Solar Project	\$	-
375 - Sewer Reserve Improvement	\$	-
711 - Bond Administration	\$	1,085.43
Total AP	\$	160,817.16
Payroll	\$	45,075.24
Total Warrants	\$	205,892.40

**Hidden Valley Lake CSD
Warrants
September 30, 2013
\$205,892**



**A/P Bond
Admin.,
\$1,085.43**

**A/P Sewer
Reserve
Improv, \$-**

- A/P Sewer
- A/P Flood Control
- A/P Sewer Reserve Improv
- Payroll
- A/P Water
- A/P Bond Admin.

COMPANY: 999 - POOLED CASH FUND
 ACCOUNT: 1010 CASH - POOLED
 TYPE: ALL
 STATUS: All
 FOLIO: ALL

CHECK DATE: 9/01/2013 THRU 9/30/2013
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1010	9/20/2013	BANK-DRAFT		US DEPARTMENT OF THE TREASURY	15.30CR	POSTED	A	9/20/2013
1010	9/20/2013	BANK-DRAFT	000001	US DEPARTMENT OF THE TREASURY	5,300.21CR	POSTED	A	9/20/2013
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1010	9/13/2013	CHECK	031249	BRENT DUPPER	150.00CR	POSTED	A	9/27/2013
1010	9/13/2013	CHECK	031250	CAROLINE CRAWFORD	150.00CR	OUTSTND	A	0/00/0000
1010	9/13/2013	CHECK	031251	Data Flow	175.30CR	POSTED	A	9/20/2013
1010	9/13/2013	CHECK	031252	JONAS HEATING AND COOLING	218.00CR	POSTED	A	9/17/2013
1010	9/13/2013	CHECK	031253	KURTIS WOODARD	150.00CR	POSTED	A	9/13/2013
1010	9/13/2013	CHECK	031254	LAKE COUNTY RECORD BEE	146.47CR	POSTED	A	9/18/2013
1010	9/13/2013	CHECK	031255	LORETTA BLOESCH	50.00CR	POSTED	A	9/19/2013
1010	9/13/2013	CHECK	031256	MEDIACOM	539.67CR	POSTED	A	9/19/2013
1010	9/13/2013	CHECK	031257	MERRILL, ARNONE & JONES, LLP	861.00CR	POSTED	A	9/17/2013
1010	9/13/2013	CHECK	031258	MICHELLE HAMILTON	625.00CR	POSTED	A	9/17/2013
1010	9/13/2013	CHECK	031259	OFFICE DEPOT	83.88CR	POSTED	A	9/18/2013
1010	9/13/2013	CHECK	031260	POLESTAR COMPUTERS	520.00CR	POSTED	A	9/16/2013
1010	9/13/2013	CHECK	031261	REDFORD SERVICES	950.00CR	CLEARED	A	10/01/2013
1010	9/13/2013	CHECK	031262	SOUTH LAKE REFUSE COMPANY	163.92CR	POSTED	A	9/17/2013
1010	9/13/2013	CHECK	031263	SPECIAL DISTRICT RISK MANAGEME	23,703.69CR	POSTED	A	9/18/2013
1010	9/13/2013	CHECK	031264	WAGNER & BONSIGNORE	2,035.00CR	POSTED	A	9/20/2013
1010	9/13/2013	CHECK	031265	HARDESTER'S MARKETS & HARDWARE	91.79CR	POSTED	A	9/18/2013

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1010	9/13/2013	CHECK	031269	USA BLUE BOOK	754.19CR	POSTED	A	9/18/2013
1010	9/13/2013	CHECK	031270	HARDESTER'S MARKETS & HARDWARE	89.68CR	POSTED	A	9/18/2013
1010	9/20/2013	CHECK	031271	NORMAN, ROGERS	956.97CR	POSTED	P	9/23/2013
1010	9/20/2013	CHECK	031272	ALPHA ANALYTICAL LABORATORIES	1,224.00CR	POSTED	A	9/24/2013
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1010	9/20/2013	CHECK	031275	EEL RIVER FUELS, INC.	1,685.23CR	POSTED	A	9/24/2013
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1010	9/20/2013	CHECK	031277	PACE SUPPLY CORP	1,665.65CR	POSTED	A	9/24/2013
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1010	9/24/2013	DEPOSIT	000002	REGULAR DAILY POST 9/24/2013	35,362.55	POSTED	C	9/25/2013

COMPANY: 999 - POOLED CASH FUND
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 TYPE: ALL
 STATUS: ALL
 FOLIO: ALL

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ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT----	STATUS	FOLIO	CLEAR DATE
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1010	9/30/2013	DEPOSIT		CREDIT CARD 9/30/2013	2,737.48	CLEARED	C	10/01/2013
1010	9/30/2013	DEPOSIT	000001	CREDIT CARD 9/30/2013	2,426.47	CLEARED	C	10/03/2013
1010	9/30/2013	DEPOSIT	000002	CREDIT CARD 9/30/2013	9,418.85	CLEARED	C	10/03/2013
1010	9/30/2013	DEPOSIT	000003	REGULAR DAILY POST 9/30/2013	45,508.23	CLEARED	C	10/01/2013
1010	9/30/2013	DEPOSIT	000004	Correct Web Payment	74.26CR	POSTED	G	9/30/2013
MISCELLANEOUS:								
1010	9/06/2013	MISC.		PAYROLL DIRECT DEPOSIT	21,737.45CR	POSTED	P	9/06/2013
1010	9/19/2013	MISC.		PAYROLL DIRECT DEPOSIT	92.35CR	POSTED	P	9/19/2013
1010	9/20/2013	MISC.		PAYROLL DIRECT DEPOSIT	21,392.75CR	POSTED	P	9/20/2013
SERVICE CHARGE:								
1010	9/18/2013	SERV-CHG		August 2013 ETS Fees	516.00CR	POSTED	G	9/04/2013
1010	9/18/2013	SERV-CHG	000001	August 2013 ETS Fees	178.55CR	POSTED	G	9/04/2013
1010	9/18/2013	SERV-CHG	000002	August 2013 Analysis Fees	298.34CR	POSTED	G	9/16/2013
TOTALS FOR ACCOUNT 1010								
				CHECK	TOTAL:			151,907.00CR
				DEPOSIT	TOTAL:			356,136.14
				INTEREST	TOTAL:			0.00
				MISCELLANEOUS	TOTAL:			43,222.55CR
				SERVICE CHARGE	TOTAL:			992.89CR
				EFT	TOTAL:			0.00
				BANK-DRAFT	TOTAL:			10,762.85CR
TOTALS FOR POOLED CASH FUND								
				CHECK	TOTAL:			151,907.00CR
				DEPOSIT	TOTAL:			356,136.14
				INTEREST	TOTAL:			0.00
				MISCELLANEOUS	TOTAL:			43,222.55CR
				SERVICE CHARGE	TOTAL:			992.89CR
				EFT	TOTAL:			0.00
				BANK-DRAFT	TOTAL:			10,762.85CR

ACCOUNTS PAYABLE
DISBURSEMENT REPORT

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-1722	US DEPARTMENT OF THE TREA	000000	10,762.85	N	120 2091	FIT PAYABLE	4,037.87
					120 2093	SOCIAL SECURITY PAYABL	140.93
					120 2094	MEDICARE PAYABLE	470.90
					120 5-00-5010	SALARY & WAGES	0.91
					120 5-10-5010	SALARIES & WAGES	241.97
					120 5-20-5010	SALARIES & WAGES	50.49
					120 5-30-5010	SALARIES & WAGES	315.08
					120 5-40-5010	DIRECTORS COMPENSATION	3.44
					130 2091	FIT PAYABLE	4,304.06
					130 2093	SOCIAL SECURITY PAYABL	141.56
					130 2094	MEDICARE PAYABLE	457.07
					130 5-00-5010	SALARY & WAGES	0.91
					130 5-10-5010	SALARIES & WAGES	241.95
					130 5-20-5010	SALARIES & WAGES	50.53
					130 5-30-5010	SALARIES & WAGES	300.97
					130 5-40-5010	DIRECTORS COMPENSATION	4.21
01-2820	ALPHA ANALYTICAL LABORATO	031228	272.00	N	120 5-00-5195	ENV/MONITORING	168.00
					130 5-00-5195	ENV/MONITORING	104.00
01-47	BRELJE AND RACE LABS, INC	031229	2,067.30	N	120 5-00-5195	ENV/MONITORING	1,842.30
					130 5-00-5195	ENV/MONITORING	225.00
01-2749	NAPA AUTO PARTS	031230	102.22	N	120 5-00-5061	VEHICLE MAINT	51.11
					130 5-00-5061	VEHICLE MAINT	51.11
01-2702	PACE SUPPLY CORP	031231	930.80	N	130 5-00-5150	REPAIR & REPLACE	930.80
01-9	PACIFIC GAS & ELECTRIC CO	031232	24,919.82	N	120 5-00-5192	ELECTRICITY	1,631.08
					130 5-00-5192	ELECTRICITY	23,262.94
					140 5-00-5192	ELECTRICITY	25.80
01-2195	TELSTAR INSTRUMENTS, INC	031233	7,895.09	N	120 1286	FIELD EQUIPMENT	6,275.09
					130 5-00-5150	REPAIR & REPLACE	1,620.00
01-2788	GHD	031234	4,785.27	N	130 5-00-5122	ENGINEERING SERVICES	4,785.27
01-2684	OFFICE DEPOT	031235	49.71	N	120 5-10-5090	OFFICE SUPPLIES	24.86
					130 5-10-5090	OFFICE SUPPLIES	24.85
01-2533	POLESTAR COMPUTERS	031236	5,057.63	N	120 5-00-5311	EQUIPMENT - OFFICE	2,528.82
					130 5-00-5311	EQUIPMENT - OFFICE	2,528.81
01-2638	RICOH AMERICAS CORPORATIO	031237	140.05	N	120 5-30-5090	OFFICE SUPPLIES	70.03
					130 5-30-5090	OFFICE SUPPLIES	70.02
01-1705	SPECIAL DISTRICT RISK MAN	031238	3,748.45	N	120 5-00-5020	EMPLOYEE BENEFITS	1,874.23
					130 5-00-5020	EMPLOYEE BENEFITS	1,874.22
01-2821	ST HELENA HOSPITAL CLEARL	031239	125.00	N	120 5-30-5020	EMPLOYEE BENEFITS	62.50
					130 5-30-5020	EMPLOYEE BENEFITS	62.50
01-1652	TAMI IPSEN	031240	220.80	N	120 5-10-5170	TRAVEL MILEAGE	110.40
					130 5-10-5170	TRAVEL MILEAGE	110.40

ACCOUNTS PAYABLE
DISBURSEMENT REPORT

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-21	CALIFORNIA PUBLIC EMPLOYE	031241	8,250.53	N	120 2088	SURVIVOR BENEFITS - PE	5.64
					120 2090	PERS PAYABLE	1,324.61
					120 5-00-5021	RETIREMENT BENEFITS	6.82
					120 5-10-5021	RETIREMENT BENEFITS	1,162.34
					120 5-20-5021	RETIREMENT BENEFITS	358.32
					120 5-30-5021	RETIREMENT BENEFITS	1,359.74
					130 2088	SURVIVOR BENEFITS - PE	5.52
					130 2090	PERS PAYABLE	1,273.27
					130 5-00-5021	RETIREMENT BENEFITS	6.82
					130 5-10-5021	RETIREMENT BENEFITS	1,162.33
					130 5-20-5021	RETIREMENT BENEFITS	358.34
					130 5-30-5021	RETIREMENT BENEFITS	1,226.78
01-11	STATE OF CALIFORNIA EMPLO	031242	1,601.34	N	120 2092	CIT PAYABLE	576.39
					120 2095	S D I PAYABLE	160.31
					120 5-30-5020	EMPLOYEE BENEFITS	2.42
					130 2092	CIT PAYABLE	698.26
					130 2095	S D I PAYABLE	161.52
					130 5-30-5020	EMPLOYEE BENEFITS	2.44
01-1530	VARIABLE ANNUITY LIFE INS	031243	250.00	N	120 2099	DEFERRED COMP - 457 PL	125.00
					130 2099	DEFERRED COMP - PLAN 4	125.00
01-1	MISCELLANEOUS VENDOR	031244	5.52		130 1052	ACCTS REC WATER USE	5.52
01-1961	ACWA/JPIA	031245	1,097.68	N	120 5-10-5020	EMPLOYEE BENEFITS	164.70
					120 5-20-5020	EMPLOYEE BENEFITS	95.85
					120 5-30-5020	EMPLOYEE BENEFITS	219.76
					130 5-10-5020	EMPLOYEE BENEFITS	185.98
					130 5-20-5020	EMPLOYEE BENEFITS	117.13
					130 5-30-5020	EMPLOYEE BENEFITS	314.26
01-1723	ADVANCED ELECTRONIC SECUR	031246	75.00	Y	120 5-00-5155	MAINT BLDG & GROUNDS	37.50
					130 5-00-5155	MAINT BLDG & GROUNDS	37.50
01-2283	ARMED FORCE PEST CONTROL,	031247	180.00	N	120 5-00-5155	MAINT BLDG & GROUNDS	90.00
					130 5-00-5155	MAINT BLDG & GROUNDS	90.00
01-8	AT&T	031248	938.17	N	120 5-00-5191	TELEPHONE	499.65
					130 5-00-5191	TELEPHONE	438.52
01-1	MISCELLANEOUS VENDOR	031249	150.00	N	130 5-00-5505	WATER CONSERVATION	150.00
01-1	MISCELLANEOUS VENDOR	031250	150.00	N	130 5-00-5505	WATER CONSERVATION	150.00
01-2570	Data Flow	031251	175.30	N	120 5-10-5090	OFFICE SUPPLIES	87.65
					130 5-10-5090	OFFICE SUPPLIES	87.65
01-2735	JONAS HEATING AND COOLING	031252	218.00	Y	120 5-00-5150	REPAIR & REPLACE	109.00
					130 5-00-5150	REPAIR & REPLACE	109.00
01-1	MISCELLANEOUS VENDOR	031253	150.00	N	130 5-00-5505	WATER CONSERVATION	150.00

A C C O U N T S P A Y A B L E
D I S B U R S E M E N T R E P O R T

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL		G/L	G/L	G/L
			AMOUNT	1099			
01-122	LAKE COUNTY RECORD BEE	031254	146.47	N	120 5-00-5130	PRINTING & PUBLICATION	73.24
					130 5-00-5130	PRINTING & PUBLICATION	73.23
01-1	MISCELLANEOUS VENDOR	031255	50.00	N	130 5-00-5505	WATER CONSERVATION	50.00
01-1392	MEDIACOM	031256	539.67	N	120 5-00-5110	CONTRACTUAL SERVICES	269.84
					130 5-00-5110	CONTRACTUAL SERVICES	269.83
01-2754	MERRILL, ARNONE & JONES,	031257	861.00	Y	120 5-00-5121	LEGAL SERVICES	430.50
					130 5-00-5121	LEGAL SERVICES	430.50
01-2699	MICHELLE HAMILTON	031258	625.00	Y	120 5-00-5110	CONTRACTUAL SERVICES	312.50
					130 5-00-5110	CONTRACTUAL SERVICES	312.50
01-2684	OFFICE DEPOT	031259	83.88	N	120 5-30-5090	OFFICE SUPPLIES	41.94
					130 5-30-5090	OFFICE SUPPLIES	41.94
01-2533	POLESTAR COMPUTERS	031260	520.00	N	120 5-10-5090	OFFICE SUPPLIES	260.00
					130 5-10-5090	OFFICE SUPPLIES	260.00
01-2700	REDFORD SERVICES	031261	950.00	Y	120 5-00-5110	CONTRACTUAL SERVICES	475.00
					130 5-00-5110	CONTRACTUAL SERVICES	475.00
01-1579	SOUTH LAKE REFUSE COMPANY	031262	163.92	Y	120 5-00-5155	MAINT BLDG & GROUNDS	81.96
					130 5-00-5155	MAINT BLDG & GROUNDS	81.96
01-1705	SPECIAL DISTRICT RISK MAN	031263	23,703.69	N	120 5-00-5025	RETIREE HEALTH BENEFIT	849.92
					120 5-10-5020	EMPLOYEE BENEFITS	1,681.40
					120 5-20-5020	EMPLOYEE BENEFITS	1,782.15
					120 5-30-5020	EMPLOYEE BENEFITS	2,502.43
					120 5-40-5030	DIRECTOR HEALTH BENEFIT	3,486.02
					130 5-00-5025	RETIREE HEALTH BENEFIT	849.91
					130 5-10-5020	EMPLOYEE BENEFITS	1,882.89
					130 5-20-5020	EMPLOYEE BENEFITS	1,782.14
					130 5-30-5020	EMPLOYEE BENEFITS	5,400.82
					130 5-40-5030	DIRECTOR HEALTH BENEFIT	3,486.01
01-1659	WAGNER & BONSIGNORE	031264	2,035.00	N	130 5-00-5123	OTHER PROFESSIONAL SER	2,035.00
01-2538	HARDESTER'S MARKETS & HAR	031265	91.79	N	120 5-00-5150	REPAIR & REPLACE	18.27
					130 5-00-5150	REPAIR & REPLACE	73.52
01-111	JAMES DAY CONSTRUCTION, I	031266	1,494.62	N	120 5-00-5150	REPAIR & REPLACE	1,494.62
01-2541	MENDO MILL CLEARLAKE	031267	864.62	N	120 5-00-5150	REPAIR & REPLACE	151.12
					130 5-00-5150	REPAIR & REPLACE	713.50
01-2719	TIRE PROS	031268	186.93	N	120 5-00-5061	VEHICLE MAINT	93.46
					130 5-00-5061	VEHICLE MAINT	93.47
01-1751	USA BLUE BOOK	031269	754.19	N	120 5-00-5050	DEPRECIATION	177.28
					120 5-00-5150	REPAIR & REPLACE	224.12
					130 5-00-5150	REPAIR & REPLACE	352.79

ACCOUNTS PAYABLE
DISBURSEMENT REPORT

VENDOR SET: 01 Hidden Valley Lake

BANK: ALL

VENDOR CLASS(ES): ALL CLASSES

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT		G/L 1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-2538	HARDESTER'S MARKETS & HAR	031270	89.68	N	120	5-00-5020	EMPLOYEE BENEFITS	9.24
					120	5-00-5148	OPERATING SUPPLIES	23.92
					130	5-00-5020	EMPLOYEE BENEFITS	9.23
					130	5-00-5312	TOOLS - FIELD	47.29
01-2820	ALPHA ANALYTICAL LABORATO	031272	1,224.00	N	120	5-00-5195	ENV/MONITORING	624.00
					130	5-00-5195	ENV/MONITORING	600.00
01-2822	AQUA-METRIC SALES, CO.	031274	5,061.46	N	130	5-00-5150	REPAIR & REPLACE	5,061.46
01-112	EEL RIVER FUELS, INC.	031275	1,685.23	N	120	5-00-5060	GASOLINE, OIL & FUEL	842.62
					130	5-00-5060	GASOLINE, OIL & FUEL	842.61
01-2749	NAPA AUTO PARTS	031276	363.20	N	120	5-00-5061	VEHICLE MAINT	241.92
					130	5-00-5061	VEHICLE MAINT	121.28
01-2702	PACE SUPPLY CORP	031277	1,665.65	N	130	5-00-5150	REPAIR & REPLACE	1,665.65
01-2736	SIERRA CHEMICAL CO.	031278	753.83	N	120	5-00-5148	OPERATING SUPPLIES	753.83
01-1751	USA BLUE BOOK	031279	175.47	N	120	5-00-5150	REPAIR & REPLACE	87.74
					130	5-00-5150	REPAIR & REPLACE	87.73
01-2816	CARDMEMBER SERVICE	031280	2,958.18	N	120	5-00-5061	VEHICLE MAINT	159.99
					120	5-00-5191	TELEPHONE	16.29
					120	5-10-5090	OFFICE SUPPLIES	333.43
					120	5-30-5020	EMPLOYEE BENEFITS	858.36
					120	5-30-5090	OFFICE SUPPLIES	191.02
					130	5-00-5191	TELEPHONE	16.29
					130	5-10-5090	OFFICE SUPPLIES	333.42
					130	5-30-5020	EMPLOYEE BENEFITS	858.36
					130	5-30-5090	OFFICE SUPPLIES	191.02
01-2111	DATAPROSE	031281	367.74	N	120	5-00-5110	CONTRACTUAL SERVICES	183.87
					130	5-00-5110	CONTRACTUAL SERVICES	183.87
01-21	CALIFORNIA PUBLIC EMPLOYE	031282	8,250.54	N	120	2088	SURVIVOR BENEFITS - PE	5.77
					120	2090	PERS PAYABLE	1,358.07
					120	5-00-5021	RETIREMENT BENEFITS	6.20
					120	5-10-5021	RETIREMENT BENEFITS	1,162.33
					120	5-20-5021	RETIREMENT BENEFITS	358.95
					120	5-30-5021	RETIREMENT BENEFITS	1,446.27
					130	2088	SURVIVOR BENEFITS - PE	5.39
					130	2090	PERS PAYABLE	1,239.81
					130	5-00-5021	RETIREMENT BENEFITS	6.20
					130	5-10-5021	RETIREMENT BENEFITS	1,162.34
					130	5-20-5021	RETIREMENT BENEFITS	358.96
					130	5-30-5021	RETIREMENT BENEFITS	1,140.25
01-11	STATE OF CALIFORNIA EMPLO	031283	1,544.06	N	120	2092	CIT PAYABLE	590.93
					120	2095	S D I PAYABLE	163.98
					120	5-30-5020	EMPLOYEE BENEFITS	2.42
					130	2092	CIT PAYABLE	631.13
					130	2095	S D I PAYABLE	153.16

A C C O U N T S P A Y A B L E
D I S B U R S E M E N T R E P O R T

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-11	STATE OF CALIFORNIA EMPLO	031283	1,544.06	N	** (CONTINUED) **		
					130 5-30-5020	EMPLOYEE BENEFITS	2.44
01-1530	VARIABLE ANNUITY LIFE INS	031284	250.00	N	120 2099	DEFERRED COMP - 457 PL	125.00
					130 2099	DEFERRED COMP - PLAN 4	125.00
01-1	MISCELLANEOUS VENDOR	031285	75.56		130 1052	ACCTS REC WATER USE	75.56
01-2820	ALPHA ANALYTICAL LABORATO	031286	822.00	N	120 5-00-5195	ENV/MONITORING	654.00
					130 5-00-5195	ENV/MONITORING	168.00
01-112	EEL RIVER FUELS, INC.	031287	289.45	N	120 5-00-5150	REPAIR & REPLACE	144.73
					130 5-00-5150	REPAIR & REPLACE	144.72
01-2541	MENDO MILL CLEARLAKE	031288	50.74	N	130 5-00-5150	REPAIR & REPLACE	50.74
01-2702	PACE SUPPLY CORP	031289	989.68	N	130 5-00-5150	REPAIR & REPLACE	989.68
01-9	PACIFIC GAS & ELECTRIC CO	031290	24,591.08	N	120 5-00-5192	ELECTRICITY	1,583.22
					130 5-00-5192	ELECTRICITY	22,982.89
					140 5-00-5192	ELECTRICITY	24.97
01-2713	POLYDYNE INC.	031291	107.46	N	120 5-00-5148	OPERATING SUPPLIES	107.46
01-1751	USA BLUE BOOK	031292	224.40	N	120 5-00-5150	REPAIR & REPLACE	94.35
					130 5-00-5150	REPAIR & REPLACE	130.05
01-2598	VERIZON WIRELESS	031293	708.31	N	120 5-00-5191	TELEPHONE	354.16
					130 5-00-5191	TELEPHONE	354.15
01-19	NBS GOVERNMENT FINANCE GR	031294	1,085.43	N	711 5-00-5110	CONTRACTUAL SERVICES	1,085.43
01-2784	SUCCEED.NET	031295	94.70	Y	120 5-00-5110	CONTRACTUAL SERVICES	47.35
					130 5-00-5110	CONTRACTUAL SERVICES	47.35
	1099 ELIGIBLE	7	2,987.62				
	1099 EXEMPT	60	<u>157,829.54</u>				
***	REPORT TOTALS ***	67	160,817.16				

G / L EXPENSE DISTRIBUTION

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
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A C C O U N T S P A Y A B L E
D I S B U R S E M E N T R E P O R T

SORTED BY CHECK

G/L EXPENSE DISTRIBUTION

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
120 1286	FIELD EQUIPMENT	6,275.09
120 2088	SURVIVOR BENEFITS - PERS	11.41
120 2090	PERS PAYABLE	2,682.68
120 2091	FIT PAYABLE	4,037.87
120 2092	CIT PAYABLE	1,167.32
120 2093	SOCIAL SECURITY PAYABLE	140.93
120 2094	MEDICARE PAYABLE	470.90
120 2095	S D I PAYABLE	324.29
120 2099	DEFERRED COMP - 457 PLAN	250.00
120 5-00-5010	SALARY & WAGES	0.91
120 5-00-5020	EMPLOYEE BENEFITS	1,883.47
120 5-00-5021	RETIREMENT BENEFITS	13.02
120 5-00-5025	RETIREE HEALTH BENEFITS	849.92
120 5-00-5050	DEPRECIATION	177.28
120 5-00-5060	GASOLINE, OIL & FUEL	842.62
120 5-00-5061	VEHICLE MAINT	546.48
120 5-00-5110	CONTRACTUAL SERVICES	1,288.56
120 5-00-5121	LEGAL SERVICES	430.50
120 5-00-5130	PRINTING & PUBLICATION	73.24
120 5-00-5148	OPERATING SUPPLIES	885.21
120 5-00-5150	REPAIR & REPLACE	2,323.95
120 5-00-5155	MAINT BLDG & GROUNDS	209.46
120 5-00-5191	TELEPHONE	870.10
120 5-00-5192	ELECTRICITY	3,214.30
120 5-00-5195	ENV/MONITORING	3,288.30
120 5-00-5311	EQUIPMENT - OFFICE	2,528.82
120 5-10-5010	SALARIES & WAGES	241.97
120 5-10-5020	EMPLOYEE BENEFITS	1,846.10
120 5-10-5021	RETIREMENT BENEFITS	2,324.67
120 5-10-5090	OFFICE SUPPLIES	705.94
120 5-10-5170	TRAVEL MILEAGE	110.40
120 5-20-5010	SALARIES & WAGES	50.49
120 5-20-5020	EMPLOYEE BENEFITS	1,878.00
120 5-20-5021	RETIREMENT BENEFITS	717.27
120 5-30-5010	SALARIES & WAGES	315.08
120 5-30-5020	EMPLOYEE BENEFITS	3,647.89
120 5-30-5021	RETIREMENT BENEFITS	2,806.01
120 5-30-5090	OFFICE SUPPLIES	302.99
120 5-40-5010	DIRECTORS COMPENSATION	3.44
120 5-40-5030	DIRECTOR HEALTH BENEFITS	3,486.02
	** FUND TOTAL **	53,222.90
130 1052	ACCTS REC WATER USE	81.08
130 2088	SURVIVOR BENEFITS - PERS	10.91
130 2090	PERS PAYABLE	2,513.08
130 2091	FIT PAYABLE	4,304.06
130 2092	CIT PAYABLE	1,329.39

A C C O U N T S P A Y A B L E
D I S B U R S E M E N T R E P O R T

SORTED BY CHECK

G/L EXPENSE DISTRIBUTION

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
130 2093	SOCIAL SECURITY PAYABLE	141.56
130 2094	MEDICARE PAYABLE	457.07
130 2095	S D I PAYABLE	314.68
130 2099	DEFERRED COMP - PLAN 457 PAYAB	250.00
130 5-00-5010	SALARY & WAGES	0.91
130 5-00-5020	EMPLOYEE BENEFITS	1,883.45
130 5-00-5021	RETIREMENT BENEFITS	13.02
130 5-00-5025	RETIREE HEALTH BENEFITS	849.91
130 5-00-5060	GASOLINE, OIL & FUEL	842.61
130 5-00-5061	VEHICLE MAINT	265.86
130 5-00-5110	CONTRACTUAL SERVICES	1,288.55
130 5-00-5121	LEGAL SERVICES	430.50
130 5-00-5122	ENGINEERING SERVICES	4,785.27
130 5-00-5123	OTHER PROFESSIONAL SERVICES	2,035.00
130 5-00-5130	PRINTING & PUBLICATION	73.23
130 5-00-5150	REPAIR & REPLACE	11,929.64
130 5-00-5155	MAINT BLDG & GROUNDS	209.46
130 5-00-5191	TELEPHONE	808.96
130 5-00-5192	ELECTRICITY	46,245.83
130 5-00-5195	ENV/MONITORING	1,097.00
130 5-00-5311	EQUIPMENT - OFFICE	2,528.81
130 5-00-5312	TOOLS - FIELD	47.29
130 5-00-5505	WATER CONSERVATION	500.00
130 5-10-5010	SALARIES & WAGES	241.95
130 5-10-5020	EMPLOYEE BENEFITS	2,068.87
130 5-10-5021	RETIREMENT BENEFITS	2,324.67
130 5-10-5090	OFFICE SUPPLIES	705.92
130 5-10-5170	TRAVEL MILEAGE	110.40
130 5-20-5010	SALARIES & WAGES	50.53
130 5-20-5020	EMPLOYEE BENEFITS	1,899.27
130 5-20-5021	RETIREMENT BENEFITS	717.30
130 5-30-5010	SALARIES & WAGES	300.97
130 5-30-5020	EMPLOYEE BENEFITS	6,640.82
130 5-30-5021	RETIREMENT BENEFITS	2,367.03
130 5-30-5090	OFFICE SUPPLIES	302.98
130 5-40-5010	DIRECTORS COMPENSATION	4.21
130 5-40-5030	DIRECTOR HEALTH BENEFITS	3,486.01
	** FUND TOTAL **	106,458.06
140 5-00-5192	ELECTRICITY	50.77
	** FUND TOTAL **	50.77
711 5-00-5110	CONTRACTUAL SERVICES	1,085.43
	** FUND TOTAL **	1,085.43

** TOTAL **

160,817.16

NO ERRORS

SELECTION CRITERIA

VENDOR SET: 01 Hidden Valley Lake
VENDOR: ALL
BANK: ALL
VENDOR CLASS(ES): ALL CLASSES

TRANSACTION SELECTION

REPORTING: PAID ITEMS ,G/L DIST

	=====PAYMENT DATES=====	=====ITEM DATES=====	=====POSTING DATES=====
PAID ITEMS DATES	: 9/01/2013 THRU 9/30/2013	0/00/0000 THRU 99/99/9999	0/00/0000 THRU 99/99/9999

PRINT OPTIONS

REPORT SEQUENCE: CHECK
G/L EXPENSE DISTRIBUTION: YES
CHECK RANGE: 000000 THRU 999999

**ACTION OF
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

DATE: October 15, 2013

AGENDA ITEM: Allocate \$15,000 of unrestricted Water Fund capital reserves for purchase of replacement Chlorine Analyzer

RECOMMENDATIONS:

Allocate \$15,000 of unrestricted Water Fund capital reserves for the purchase of replacement Chlorine Analyzer.

FINANCIAL IMPACT:

Expend up to \$15,000 of previously unallocated Water Fund capital reserves, reducing the unallocated Water Fund capital reserve balance from \$23,500 to \$8,500.

BACKGROUND:

The Chlorine Analyzer is used to confirm that the drinking water entering the District's distribution system has been chlorinated pursuant to California Department of Public Health Services specifications. The existing Chlorine Analyzer is relatively old and nearing the end of its design life. Staff recommends the existing Chlorine Analyzer be replaced before it fails and possibly results in a drinking water compliance violation.

APPROVED
AS RECOMMENDED

OTHER
(SEE BELOW)

Modification to recommendation and/or other actions:

I, Roland Sanford, Secretary to the Board, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular board meeting thereof held on (DATE) by the following vote:

Ayes:

Noes:

Abstain:

Absent

Secretary to the Board

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT

2013-2014 BUDGET

CAPITAL ADDITIONS

SEWER

SEWER UNRESTRICTED RESERVES (JULY 9, 2013)	504,000
TOTAL SEWER FUNDS AVAILABLE FOR CAPITAL PROJECTS	<u>504,000</u>

2013-2014 CAPITAL PROJECTS

GENERATORS	90,000
REPLACE/REFURBISH PUMPS	25,000
SCADA SYSTEM UPGRADES	25,000
VIDEO INSPECTION OF SEWER LATERALS	20,000
REPAIR SEWER LATERAL LEAKS	20,000
PREPARE SEWER CAPITAL IMPROVEMENT PLAN	25,000
REPLACE 3 COMPUTERS AT TREATMENT PLANT	3,000
RESURFACE STORAGE POND ROAD	16,500
REPAIR ACCESS ROAD	12,500
TOTAL SEWER CAPITAL ADDITIONS	<u>237,000</u>

WATER

WATER UNRESTRICTED RESERVES (JULY 9, 2013)	46,000
TOTAL WATER FUNDS AVAILABLE FOR CAPITAL PROJECTS	<u>46,000</u>

2013-2014 CAPITAL PROJECTS

PREPARE WATER CAPITAL IMPROVEMENT PLAN	15,000
REPLACE 3 COMPUTERS AT TREATMENT PLANT	3,000
REPAIR WATER STORAGE TANK 1A	4,500
REPLACE CHLORINE ANALYZER	15,000
TOTAL WATER CAPITAL ADDITIONS	<u>37,500</u>



**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
PERSONNEL COMMITTEE REPORT
MEETING DATE: SEPTEMBER 13, 2013**

The Personnel Committee met this morning at the District office located at 19400 Hartmann Road, in Hidden Valley Lake, California. Present were:

Director Linda Herndon
Director, Judy Mirbegian
Roland Sanford, General Manager

CALL TO ORDER

The meeting was called to order at 10:50 a.m. by Director Mirbegian.

APPROVAL OF AGENDA

On a motion made by Director Mirbegian and second by Director Herndon the Committee unanimously approved the agenda.

REVIEW OF COMPENSATION POLICY AND DEFINITION OF BASE SALARY

The committee discussed and tentatively agreed on definitions of "base salary" and "total compensation". Mr. Sanford will prepare a draft memo summarizing the Committee's recommended definitions of base salary and total compensation, for review at the next Personnel Committee meeting.

PUBLIC COMMENT

There were no public comments

ADJOURNMENT

On a motion made by Director Mirbegian and second by Director Herndon the Committee voted unanimously to adjourn the meeting. The meeting was adjourned at 12:20 p.m.



**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
FINANCE COMMITTEE REPORT
MEETING DATE: OCTOBER 2, 2013**

The Finance Committee met this evening at the District office located at 19400 Hartmann Road, in Hidden Valley Lake, California. Present were:

Director Carolyn Graham
Director, Jim Freeman
Roland Sanford, General Manager

CALL TO ORDER

The meeting was called to order at 6:35 p.m. by Director Freeman

APPROVAL OF AGENDA

On a motion made by Director Freeman and second by Director Graham the Committee unanimously approved the agenda.

**FINANCIAL WELLNESS EVALUATION – REVIEW OF CONSULTANTS
RECOMMENDATIONS**

The Committee reviewed and discussed the “financial wellness” recommendations and suggested task list/timeline summarized in the September 26, 2013 memo prepared by NHA Advisors. Pursuant to NHA Advisor’s recommendations, staff will prepare five-year revenue and expense projections and draft “reserve” policies for review at the November Finance Committee meeting.

PUBLIC COMMENT

There were no public comments.

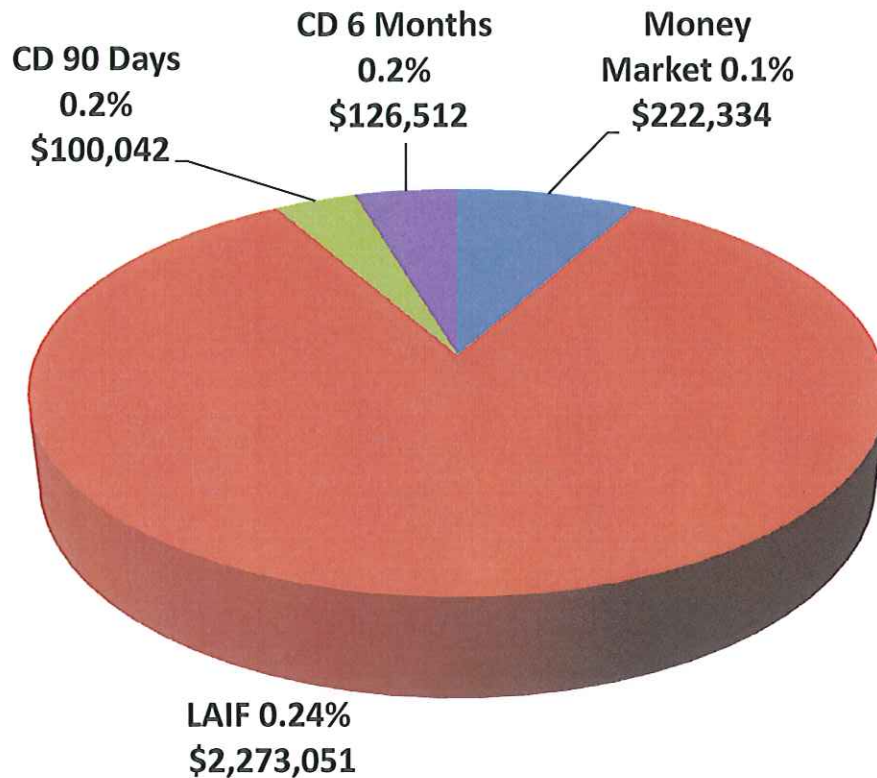
ADJOURNMENT

On a motion made by Director Graham and second by Director Freeman the Committee voted unanimously to adjourn the meeting. The meeting was adjourned at 8:00 p.m.

**Hidden Valley Lake CSD
Pooled Cash
September 30, 2013**

Beginning Balance	\$ 254,517.05
Deposits	
Cash	\$ 356,136.14
Transfers	\$ (44,390.56)
Total Deposits	\$ 311,745.58
Expenditures	
Accounts Payable	\$ 160,817.16
Payroll	\$ 45,075.24
Bank Fees	\$ 992.89
Total Expenditures	\$ 206,885.29
Ending Balance	\$ 359,377.34

**HIDDEN VALLEY LAKE CSD
INVESTMENT REPORT
September 30, 2013
\$2,721,939**



Investment	Interest Rate	Interest Earned this Period	Funds Invested
Money Market	0.10%	\$ 19.14	\$ 222,334
LAIF	0.24%	-	\$ 2,273,051
90 Day CD	0.20%	5.17	\$ 100,042
6 Month CD	0.20%	18.52	\$ 126,512
Total Funds Invested			\$ 2,721,939

This report is in compliance with the investment policy set forth by the board of the Hidden Valley Lake Community Services District.

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
STATEMENT OF REVENUE AND EXPENSES
FOR THE PERIOD ENDING SEPTEMBER 30, 2013

SEWER ENTERPRISE FUND

	2013/2014	CURRENT	YEAR TO	BUDGET	% OF
	BUDGET	PERIOD	DATE ACT.	BALANCE	BUDGET
OPERATING REVENUES					
Permits and Inspections	-	-	-	-	0%
Charges for Services	1,010,200	16,184	209,018	801,182	21%
Miscellaneous	15,000	256	112	14,888	1%
Total Operating Revenues	1,025,200	16,440	209,129	816,071	21%
OPERATING EXPENDITURES					
Salaries and Benefits	641,300	53,574	151,598	489,702	24%
Insurance	19,800	-	-	19,800	0%
Office Expenses	9,100	1,082	1,802	7,298	20%
Contractual Services	47,600	1,289	6,491	41,109	14%
Continuing Education	11,100	-	25	11,076	0%
Dues and Subscriptions	6,000	-	216	5,784	4%
Postage	100	-	-	100	0%
Repairs and Maintenance	73,400	3,257	7,493	65,907	10%
Gas, Fuel, and Oil	12,600	843	2,537	10,063	20%
Supplies	12,000	861	2,177	9,823	18%
Professional Services	41,100	431	885	40,216	2%
Travel	600	175	351	249	59%
Telephone	11,100	870	3,006	8,094	27%
Power	20,000	3,214	4,811	15,189	24%
Other Operating	73,500	496	9,389	64,111	13%
Office and Safety Equipment	11,500	2,529	2,795	8,705	24%
Environmental Monitoring	31,000	3,288	5,260	25,740	17%
Annual Operating Fees	3,400	-	-	3,400	0%
Total Operating Expenditures	1,025,200	71,909	198,836	826,364	19%
Operating Income (Loss)	-	(55,469)	10,293		

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
STATEMENT OF REVENUE AND EXPENSES
FOR THE PERIOD ENDING SEPTEMBER 30, 2013

WATER ENTERPRISE FUND

	2013/2014 BUDGET	CURRENT PERIOD	YEAR TO DATE ACT.	BUDGET BALANCE	% OF BUDGET
OPERATING REVENUES					
Permits and Inspections	300	-	-	300	0%
Charges for Services	1,236,100	2,767	263,013	973,087	21%
Miscellaneous	61,800	1,271	4,390	57,410	7%
Total Operating Revenues	1,298,200	4,038	267,403	1,030,797	28%
OPERATING EXPENDITURES					
Salaries and Benefits	654,200	51,304	153,275	500,925	23%
Insurance	19,800	-	-	19,800	0%
Office Expenses	9,100	1,082	1,802	7,298	20%
Contractual Services	43,500	1,289	5,638	37,862	13%
Continuing Education	8,400	-	150	8,250	2%
Dues and Subscriptions	18,600	-	1,104	17,496	6%
Postage	100	-	-	100	0%
Repairs and Maintenance	68,400	12,405	22,752	45,648	33%
Gas, Fuel, and Oil	11,800	843	2,537	9,263	22%
Supplies	1,900	-	-	1,900	0%
Professional Services	136,700	7,251	12,145	124,555	9%
Travel	2,100	175	351	1,749	17%
Telephone	11,100	809	2,547	8,553	23%
Power	150,800	46,246	65,162	85,638	43%
Depreciation	-	-	-	-	0%
Other Operating	206,700	496	41,028	165,672	20%
Office and Safety Equipment	10,900	2,529	2,661	8,239	24%
Director's Compensation	-	-	-	-	0%
Environmental Monitoring	7,100	1,097	2,297	4,803	32%
Water Conservation	7,600	500	1,250	6,350	16%
Annual Operating Fees	26,700	-	4,517	22,183	17%
Total Operating Expenditures	1,395,500	126,025	319,217	1,076,283	23%
Operating Income (Loss)	(97,300)	(121,988)	(51,814)		



Hidden Valley Lake Community Services District

19400 Hartmann Road
Hidden Valley Lake, CA
707.987.9201
707.987.3237 fax

Memo

To: HVLCSD Board of Directors
From: Roland Sanford, General Manager
Date: October 10, 2013
RE: General Manager's Monthly Report

As I reported last month, the California Department of Public Health (DPH) recently proposed a drinking water standard of 10 parts per billion for hexavalent chromium. The proposed standard is evoking considerable discussion within the water community and among public health advocates. Key issues include the projected cost of compliance and whether the proposed standard is sufficiently stringent. Public review and comment is ongoing and as of this writing, scheduled to end at 5 p.m. on Friday, October 11, 2013. Also on October 11 the DPH will hold two public hearings, one in Sacramento and the other in Los Angeles, to receive public comment. Depending upon the nature and extent of public comment, adoption of the proposed standard, as currently drafted or with modifications, could reportedly occur within 12 months.

As noted in my prior month's report, the sampling results staff has obtained to date indicate that the District's raw water supply contains detectable levels of hexavalent chromium – concentrations approaching and occasionally exceeding the proposed 10 parts per billion standard – and suggest that hexavalent chromium concentrations vary seasonally and by location within the Coyote Valley groundwater basin. Additional sampling is underway to more fully characterize the spatial and temporal distribution of hexavalent chromium in the Coyote Valley groundwater basin, and to identify potential treatment options.

An informational presentation on hexavalent chromium was initially scheduled for the October Board meeting. That presentation has been postponed to November to provide staff an opportunity to digest any significant actions stemming from the October 11, 2013 public hearings.

The draft strategic plan has been completed and distributed to the Board and staff for review and comment. Staff will be meeting on October 19 to review and discuss the draft strategic plan. Initially it was anticipated that there would be one, possibly two, Board workshops to review and finalize the draft strategic plan. However, if neither staff nor the Board's comments are substantial a workshop may not be necessary, and in that scenario it is recommended that the

comments be incorporated, and the revised document placed on the November Board meeting agenda for possible adoption.

I am pleased to report that Norman Rogers, who was hired as a temporary full-time Utility Worker last June, has accepted the District's offer to become a permanent full-time Utility Worker, effective September 13, 2013. Norman is a resident of Hidden Valley Lake and obtained his Water Treatment I and Water Distribution II certifications prior to District employment. He is a valuable and welcomed addition to our team.

Finally, a status summary of the more notable ongoing projects is as follows:

Water Meter Measurement accuracy Investigation

Staff is "bench testing" a subset of the District's oldest residential water meters to evaluate their accuracy and as a first step toward the development of a long-term residential meter replacement program. Staff anticipates that bench testing will continue on an intermittent basis through the coming winter and spring. Preliminary results suggest that a relatively small fraction of the District's residential water meters - five to ten percent - "under report" water usage by at least five percent.

Water Rights Petition for Change

Status unchanged from prior month.

Water Master Plan/Capital Improvement Plan

Preparation of the Water Master Plan update by GHD has begun, a project kick-off meeting was held on October 14, 2013. Staff is receiving cost estimates for preparation of a Phase I Sewer Master Plan – a plan that is intended to provide sufficient cost data for long-term financial planning purposes, but will not include detailed engineering analyses.

Sewer Lift Station Backup Generator and Installation

Backup generators have been ordered from the manufacturer, Cummins West. Staff anticipates selection of a contractor, for generator installation, by the end of October.

Sewer Lift Station Pump Replacement

Staff is preparing to replace pumps at lift stations 3 and 6 this fall.

Sewer System Management Plan Update

Project now 75 percent complete, scheduled for completion by late October.

Treatment Plant Access Road Repair

Last spring staff repaired a 200-foot-long segment of the treatment plant access road using a relatively new geo-fabric material that is designed to retain gravel and other road bed materials. The initial results are very promising and staff is tentatively scheduled to repair two additional road segments using the same geo-fabric, by mid-November.

Reclamation Pond Access and Levee Road Maintenance

Staff is preparing to resurface the Reclamation Pond access and levee road in conjunction with the Treatment Plan Access Road Repair project that will begin later this fall. Resurfacing, with gravel, is needed to prevent levee erosion and to remain in compliance with the District's waste

discharge permit issued by the Central Valley Regional Water Quality Control Board.

Reclamation Pond Aquatic Weed Abatement

Pursuant to Central Valley Regional Water Quality Control Board direction, District staff continues to investigate alternative Reclamation Pond aquatic weed abatement options, with the expectation that an enhanced aquatic weed abatement program will be implemented in the spring of 2014.

Financial Wellness Evaluation

NHA Advisors has prepared a "punch list" and timeline of recommended actions for improving the District's financial position in the eyes of lending institutions. The Finance Committee has reviewed the punch list and work has begun on the first two tasks – revenue and expense forecasting and development of financial policies for possible Board adoption in November.

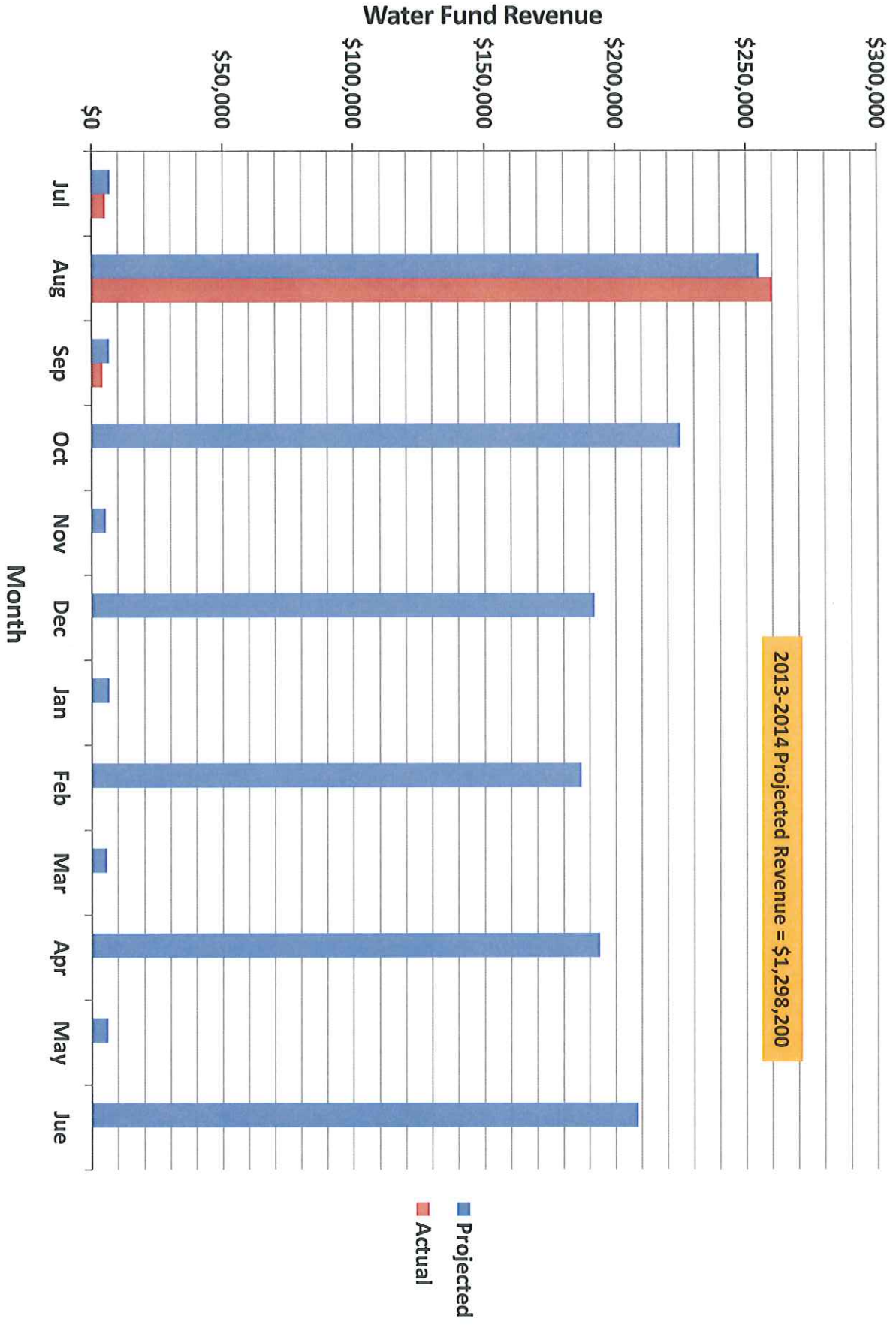
2012-2013 Audit

Smith and Newell have begun their audit of the District's fiscal year 2012-2013 financial records.

Strategic Planning

The draft strategic plan has been completed and distributed to the Board and staff for review and comment.

Actual vs. Projected 2013-2014 Monthly Water Fund Revenue





Hidden Valley Lake Community Services District

August/September 2013 Report

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August/September 2015

Wastewater Operations and Maintenance Report

Wastewater:

August:

Lift Stations 4 & 5 were continually dosed with bioxide and formula 52 throughout the month.

FOG control was performed at Lift Station 3.

Routine activities and maintenance.

September:

Lift Station 4 was continually dosed with bioxide and formula 52. Lift Station 5 was continually dosed with formula 52.

FOG control was performed at Lift Station 3. Floats and probes were cleaned at Lift Stations 3 and 6.

The vault door at Lift Station 5 and the chemical vault door at Lift Station 3 had maintenance performed.

Both pumps at Lift Station 3 had plugged, one had to be pulled to remove debris, rags, and towel.

All Lift Station sub-panels were inspected and sealed as needed.

Since beginning the SCADA Pack upgrade at Lift Station 3, we've undergone communication problems that require more attention in maintaining any kind of normalcy, and avoiding spills. Telstar is working with us on this. A 3-way RTU at the WWTP went bad and another had to be temporarily substituted to remedy that problem.

Routine activities and maintenance.

Wastewater Treatment Plant:

August:

The sludge beds are still requiring added attention while maintaining daily conditions and incorporating the last of the Geotubes solids into the staging bed.

Coastal Mountain Electric changed out the lead/lag controllers on the plant air compressors to what will hopefully be a longer lasting user friendlier application.

The 401 W3 water hollow shaft motor was sent out for repairs, and for spare parts to be machined.

Two aeration basin diffusers were changed out.

Investigation of effluent pond weed minimization methods is under way.

A flaw of missing Inverter real-time information is being investigated by Real Goods Solar, Solectra, and Deck Monitoring.

Routine activities and maintenance.

Eff Pond level – 8.2'

Plant Influent – 5.327 MG

September:

The sludge beds are still requiring added attention while maintaining daily conditions and incorporating the last of the dry solids into the staging bed and finally prepping for disposal. The tractor had seen some down time, but has been repaired and is once again tire deep in sludge.

The CL2 control valve underwent the same previous display problem shortly after it was fixed and reinstalled. It was sent back out for warranty work. CL2 control was switched back to the old system.

The 401 W3 water hollow shaft motor was repaired and installed by Industrial Electric.

Investigation of effluent pond weed minimization methods, costs, and scheduling is under way.

The Inverter had not been passing along certain data, but was investigated and corrected.

Routine activities and maintenance.

Eff Pond level – 6.5'

Plant Influent – 5.243 MG

August September 2013 Water Operations and Maintenance Report

Water

Staff tied in Well 2 to the Putah Creek pipeline to meet required supplemental water flows as outlined in Condition 18. A leak was also repaired in the pipeline.

Staff replaced Unit 9 pump station roof.

Finished the high flow portion of the bench testing on meters in the system.

Staff work on uncovering a man hole on Hartmann Road that was paved over.

Staff did its routine bacti samples and lake samples. September is the last month for lake sampling until next spring.

Changed out a number of meters.

Staff did a number of routine operations including drawdowns and PRV at the District's tank sites.

Assisted customers with various customer related issues.



Dig up on Bear Valley Road.



Well #2 tie in.

Monthly Report

August/September 2013

Rain/month

MONTHLY RAINFALL

.66"

Overtime: Aug. 49.50 hours

\$1,851.77

SEASON RAINFALL

.66"

Sept. 94.75 hours

\$3,998.63

(September 2013-April 2014 - winter season)

WATER CONNECTIONS

WASTEWATER CONNECTIONS

RESIDENTIAL METERS

2413

RESIDENTIAL

1432

COMMERCIAL & GOVERNMENT METERS

34

COMMERCIAL & GOVERNMENT

33

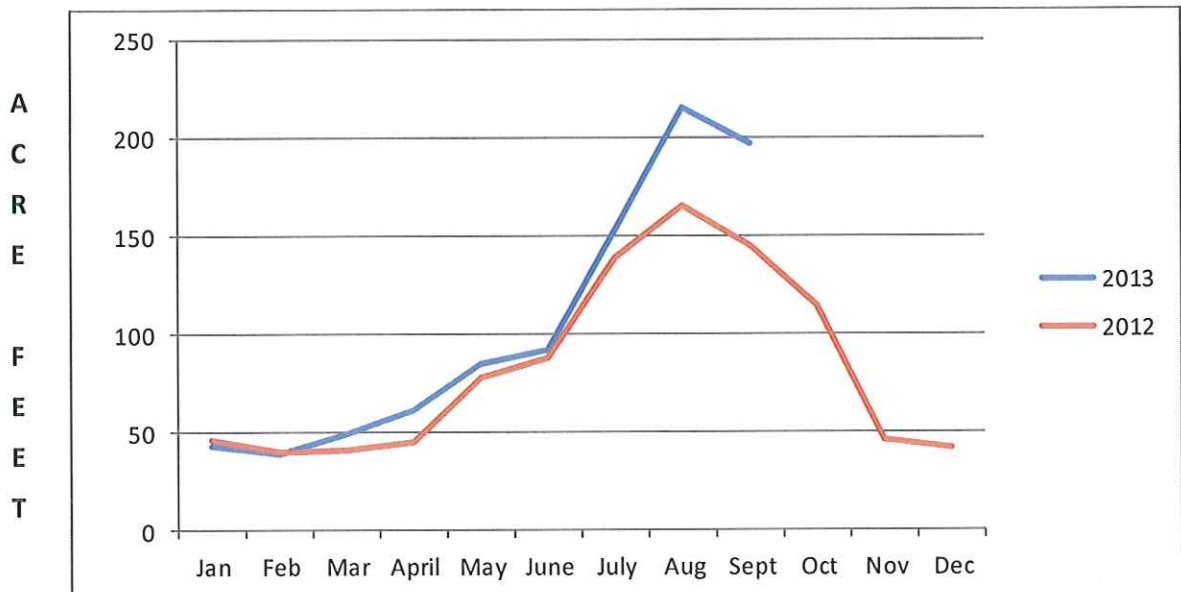
TOTAL METERS

2447

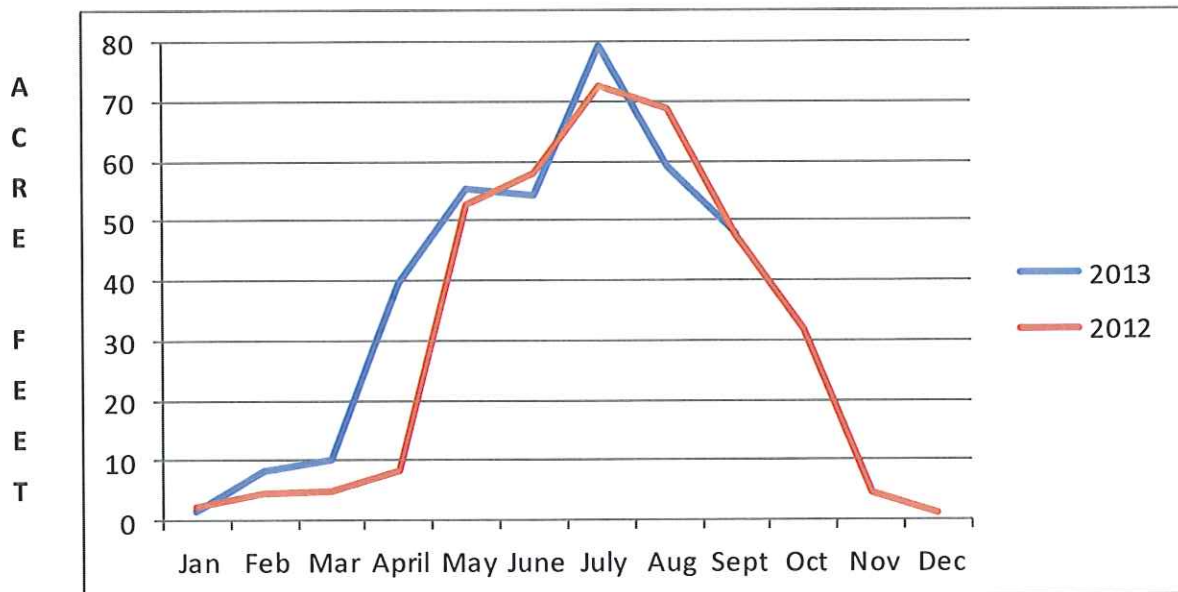
TOTAL

1465

WELL PRODUCTION



RECLAIMED WATER USE



**ACTION OF
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

DATE: October 15, 2013

AGENDA ITEM: DISCUSSION AND POSSIBLE ACTION: Amended Condition 18 Compliance Cost Sharing Agreement Between Hidden Valley Lake Community Services District and Callayomi County Water District

RECOMMENDATIONS:

Authorize General Manager to sign amended Condition 18 compliance cost sharing agreement between Hidden Valley Lake Community Services District and the Callayomi County Water District

FINANCIAL IMPACT:

Based on prior five years, it is estimated that the Callayomi County Water District's average annual contribution toward the HVLCSD's Condition 18 compliance costs will decrease by approximately \$1,000.

BACKGROUND:

The District's appropriative water rights permit issued by the State Water Resources Control Board includes a term – "Condition 18" – that obligates the District to supplement Putah Creek stream flows between July 15 and October 31 of each year, whenever Putah Creek stream flows, as measured at the United States Geological Survey's "Putah Creek near Guenoc" stream flow gauge, fall below certain flow rates. The cost of providing the aforementioned supplemental stream flows varies by hydrologic year type. In general, more supplemental water is needed in dry years as opposed to wet years. Over the last five years the total annual cost of "Condition 18 compliance" has ranged from approximately \$10,900 to \$21,000. Pursuant to a cost sharing agreement (Agreement) dated February 17, 1998 (see attached), the Callayomi County Water District reimburses the Hidden Valley Lake Community Services District for 20% of the total Condition 18 compliance cost.

Staff from the respective parties recently met and concluded that a more equitable cost sharing arrangement could be achieved by basing the annual cost share on the proportionate amounts of water extracted by the Callayomi County Water District, for municipal purposes, relative to the corresponding quantity of water extracted by the Hidden Valley Lake Community Services District. At least in theory, the impacts of groundwater pumping on summer/fall Putah Creek stream flows, which the Condition 18 permit term is intended to mitigate, are proportionate to the total amount of water extracted from the underlying aquifer. Accordingly, those who extract more water from the underlying aquifer (Hidden Valley Lake Community Services District) would be expected to have a proportionately larger impact on summer/fall Putah Creek stream flows.

Within the last five years the Callayomi County Water District's proportionate share of the extracted water has ranged from 11 to 13 percent, and averaged 13 percent. Under the proposed terms, the

cost share in any given year would be determined by the proportionate quantities of water extracted in the preceding 12 months. Accordingly, the proportionate cost share could change from year-to-year, depending upon prevailing water usage rates in the respective districts.

The proposed agreement includes, for the first time, a maximum annual Callayomi County Water District cost share cap of \$4,000. The annual cost share cap is intended to provide "budget certainty" for the Callayomi County Water District and will of course, create an additional incentive for the Hidden Valley Lake Community Services District to minimize Condition 18 compliance costs. A "marked-up" copy of the proposed Agreement, along with a "clean copy", is attached.

Staff appreciates the cooperative spirit in which the proposed amended Agreement has been drafted and is looking forward to the Callayomi County Water District's support when the State Water Resources Control Board reviews and acts on the Hidden Valley Lake Community Services District's Water Rights Petition For Change.

APPROVED
AS RECOMMENDED

OTHER
(SEE BELOW)

Modification to recommendation and/or other actions:

I, _____, Secretary to the Board, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular board meeting thereof held on (DATE) by the following vote:

Ayes:

Noes:

Abstain:

Absent

Secretary to the Board

**AMENDED
AGREEMENT FOR COST SHARING
BETWEEN
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
AND CALLAYOMI COUNTY WATER DISTRICT**

This agreement is made this 17TH day of FEBRUARY, 1998, by and between the Callayomi County Water District (herein "Callayomi"), and Hidden Valley Lake Community Services District (herein "Hidden Valley"), public entities created by and existing under the laws of the State of California.

Whereas, Hidden Valley applied for an appropriative water right from the State of California for extraction of subterranean water from the alluvial valley through which Putah Creek flows; and

Whereas, the Department of Fish and Game protested the granting of the application on the grounds that such extraction might tend to cause downstream wetlands to dry up earlier in the year than if the extractions were not made; and

Whereas, the protest was dismissed upon the condition that Hidden Valley be required to pump water into Putah Creek at a downstream point to ensure continuous flow in Putah Creek at the Guenoc Gage to maintain the wetlands despite Hidden Valley's extractions; and

Whereas, in satisfaction of the protest dismissal terms, Condition 18 was included in the appropriative water right permit granted to Hidden Valley, requiring it to pump water into Putah Creek to ensure continuous flow in Putah Creek at the Guenoc Gage for maintenance of the wetland; and

Whereas, Hidden Valley has partially constructed and will complete construction of facilities, which it will operate and maintain to fulfill the obligations of Condition 18 and to mitigate any environmental impacts which may be caused by pumping from the underground alluvium upstream of Guenoc Gage; and

Whereas, Callayomi proposes to apply for an appropriative water right permit for extraction of underground water from the alluvial valley through which Putah Creek flows, which rights would be junior and subordinate to those held by Hidden Valley; and

Whereas, the water extractions of Callayomi will have the same type of environmental effect as those of Hidden Valley and, in the absence of Hidden Valley's compliance with Condition 18, would trigger the same protest from the Department of Fish and

Game and almost certainly result in imposition of a permit condition similar or identical to Condition 18; and

Whereas, any extractions of groundwater or diversion of surface water upstream of Hidden Valley's wells would exacerbate the frequency and duration of any pumping necessary under Condition 18; and

Whereas, Hidden Valley would, in the absence of this agreement, protest the issuance of an appropriative water right permit to Callayomi on said grounds; and

Whereas, it is fair and just that Callayomi share in the cost of construction, operation and maintenance of the facilities necessary to mitigate the environmental impacts of its extractions;

NOW THEREFORE, THE PARTIES DO HEREBY AGREE AS FOLLOWS:

1. Condition 18 Obligations

(a) *Sole Responsibility*

The parties agree that, as between them, Hidden Valley shall have the sole obligation, responsibility, and authority to meet the requirements of Condition 18 of Hidden Valley's water right permit as well as any substantially identical requirement which may be imposed as a condition of any water right permit issued to Callayomi.

(b) *Compliance Assurance*

Hidden Valley shall take such actions; install, maintain, and operate such facilities; make such expenditures as may be necessary to ensure that the requirements of Condition 18 are complied with; and shall ensure that Condition 18 is complied with insofar as is possible.

2. Contribution to Construction Costs

(a) *Amount*

Callayomi shall pay to Hidden Valley forty percent (40%) of all capital costs (estimated by the parties at a total of \$200,000) which Hidden Valley incurs in complying with Condition 18. Capital costs shall include, without limitation, any acquisition of real property rights, design, construction, and installation of physical improvements, legal or engineering costs incurred in connection with establishing rights or facilities necessary to comply with Condition 18, including monitoring facilities,

and any costs associated with establishing accounting procedures to implement this agreement.

(b) *Right of Inspection*

Callayomi shall have the right to inspect and request copies of all receipts, invoices, and other records supporting the bill submitted by Hidden Valley. The costs of such copies shall be billed to Callayomi in accordance with the requirements and limitations of the California Public Records Act.

(c) *Payment*

Payment by Callayomi of sums due for capital costs shall be made no later than ninety days following receipt of the billing statement by Callayomi. Thereafter, interest shall accrue at the maximum allowable legal rate.

3. Contribution to Operation and Maintenance Costs

(a) *Amount*

Callayomi shall pay to Hidden Valley twenty percent (20%) of Hidden Valley's costs incurred in operation, maintenance, repair, and replacement of the facilities used for compliance with Condition 18.

(b) *Billing*

Hidden Valley will bill Callayomi for its share of such costs on an annual basis. The bills shall describe generally the activities for which such costs were incurred during the billing period.

(c) *Right of Inspection*

Callayomi shall have the right to inspect and request copies of all receipts, invoices, and other records supporting the bill submitted by Hidden Valley. The costs of such copies shall be billed in accordance with the requirements and limitations of the California Public Records Act.

(d) *Payment*

Payment by Callayomi of sums due for operation and maintenance costs shall be made no later than sixty days following receipt of the billing statement by Callayomi. Thereafter, interest shall accrue at the maximum allowable legal rate.

(e) *Budgeting*

Hidden Valley shall meet with Callayomi on an annual basis in December of each year, and shall make a good faith effort to estimate the costs it anticipates for operation and maintenance for the next following budget year, provided that Hidden Valley shall not be liable for any discrepancy between the amount thus estimated and the amount actually incurred.

4. Callayomi's Water Right Application

(a) *Modification of Fully Appropriated Stream Declaration*

Hidden Valley agrees to support any petition filed with the State Water Resources Control Board by Callayomi seeking modification of the Fully Appropriated Stream Declaration applicable to Putah Creek above Coyote Creek.

(b) *Water Right Application*

Hidden Valley agrees to refrain from protesting any water right application Callayomi may file for appropriation of water to meet the municipal needs of its service area and the Middletown Rancheria.

5. Obligation to Protest New Extractions and Diversions

(a) *Protest dismissal terms*

Hidden Valley and Callayomi agree that each shall protest applications and petitions for increased diversions and/or extractions of water from the alluvium above Guenoc Gage, and other applications for permits or governmental authorization for activities requiring extraction or diversion of water from Putah Creek or its tributaries above Guenoc Gage, and will not dismiss said protest unless the applicant agrees to participate in this cost sharing agreement or in one substantially identical thereto.

(b) *Costs of protests*

If the parties pursue such protests using a single attorney and or engineer or other professional consultant, the costs thereof shall be considered an operation and maintenance cost shared by the parties as set forth above.

6. Indemnification and Hold Harmless

Hidden Valley hereby indemnifies and holds Callayomi harmless from and agrees to defend Callayomi against any and all claims, damage, costs, injury, or liability

resulting from the design, construction, installation, operation, maintenance, or replacement of facilities used for the purpose of complying with Condition 18, or for any claims, damage, costs, injury or liability which may accrue due to Hidden Valley's failure to comply with Condition 18.

7. Periodic Review

(a) *First Review*

This agreement shall be reviewed by the parties on the fifth anniversary of its effective date, or upon Hidden Valley's execution of any substantially similar agreement with any additional party or parties, whichever first occurs, to ensure that the contribution of all parties to Condition 18 compliance is equitable, based upon the amount of annual extractions by each, but excluding extractions made by Hidden Valley for the sole purpose of complying with Condition 18.

(b) *Subsequent Reviews*

Subsequent review of the proportional obligations required of the parties contributing to Condition 18 compliance shall occur on each fifth anniversary of the previous review or upon execution by Hidden Valley of a similar agreement with any additional party.

(c) *Principles Governing Subsequent Review*

To the extent practicable and equitable, financial contribution for capital, operation, and maintenance costs for years following the initial five year period of this agreement shall reflect the proportional extraction or diversion of water by the contributing party.

8. Disputes

In any action or arbitration to enforce the obligations of the parties hereunder, the prevailing party shall be entitled to recover the reasonable attorneys' fees and costs it has incurred in such enforcement effort.

9. Modification

This agreement may be amended or modified only upon mutual written consent.

10. Captions and Headings

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11. Notices

Notices and Billing Statements to be provided under this agreement shall be presumed to be received five days after placing the document in the United States mail, first class, postage prepaid, addressed to the affected party at the following address, or such other address as the party may, from time to time, designate in writing:

Hidden Valley Lake Community Services District

Mel Aust, Manager
Hidden Valley Lake Community Services District
19400 Hartman Road
Middletown, CA 95461

Callayomi County Water District:

Frank Haas, Manager
Callayomi County Water District
P.O. Box 623
Middletown, CA 95461

12. Non-waiver

The waiver by either party of any breach of any term, covenant, or condition contained in this agreement or any default in performance of any obligation under this agreement shall not be deemed to be a waiver of any other breach or default of the same or any other term, covenant, condition, or obligation. Nor shall any waiver of any incident of breach or default constitute a continuing waiver of the same.

13. Successors and Assigns

The rights and obligations of the parties shall be binding on and run to their respective successors and assigns.

14. Termination

This agreement shall terminate in the event that Callayomi secures and utilizes, as its sole source of municipal supply for nonriparian purposes, a source of water which is not tributary to Putah Creek or any of its tributaries or the underflow thereof.

15. Integration

This agreement contains the entire agreement and understanding of the parties as to the subject matter of this agreement. It merges and supersedes all prior or contemporaneous agreements, commitments, representations, writings, and discussions between Hidden Valley and Callayomi, whether oral or written concerning the subject matter of this agreement, and has been induced by no representations, statements or agreements other than those expressed herein.

IN WITNESS WHEREOF, the parties hereto have subscribed this contract by their officers thereunto duly exercised.

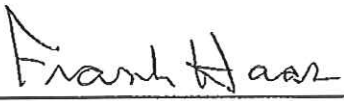
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT

By: 

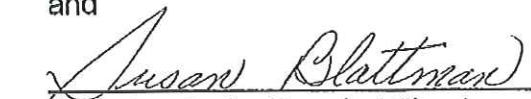
and


Secretary to the Board of Directors

CALLAYOMI COUNTY WATER DISTRICT

By: 

and


Secretary to the Board of Directors

AMENDED AGREEMENT FOR
CONDITION 18 COMPLIANCE
COST SHARING BETWEEN
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
AND CALLAYOMI COUNTY WATER DISTRICT

This **amended** agreement is made this ___ day of _____, 2013, by and between the Callayomi County Water District (herein "Callayomi"), and Hidden Valley Lake Community Services District (herein "Hidden Valley"), public entities created by and existing under the laws of the State of California.

Whereas, Hidden Valley applied for an appropriative water right from the State of California for extraction of subterranean water from the alluvial valley through which Putah Creek flows; and

Whereas, the Department of Fish and **Game Wildlife (formerly known as the Department of Fish and Game)** protested the granting of the application on the grounds that such extraction might tend to cause downstream wetlands to dry up earlier in the year than if the extractions were not made; and

Whereas, the protest was dismissed upon the condition that Hidden Valley be required to pump water into Putah Creek at a downstream point to ensure continuous flow in Putah Creek at the Guenoc Gage to maintain the wetlands despite Hidden Valley's extractions; and

Whereas, in satisfaction of the protest dismissal terms, Condition 18 was included in the appropriative water right permit granted to Hidden Valley, requiring it to pump water into Putah Creek to ensure continuous flow in Putah Creek at the Guenoc Gage for maintenance of the wetland; and

Whereas, Hidden Valley has partially constructed and will complete construction of facilities, which it will operate and maintain to fulfill the obligations of Condition 18 and to mitigate any environmental impacts which may be caused by pumping from the underground alluvium upstream of Guenoc Gage; and

Whereas, Callayomi proposes to apply for an appropriative water right permit for extraction of underground water from the alluvial valley through which Putah Creek flows, which rights would be junior and subordinate to those held by Hidden Valley; and

Whereas, the water extractions of Callayomi will have the same type of environmental effect as those of Hidden Valley and, in the absence of Hidden Valley's compliance with Condition 18, would trigger the same protest from the Department of Fish and **Game Wildlife** and almost certainly result in imposition of a permit condition similar or identical to Condition 18; and

Whereas, any extractions of groundwater or diversion of surface water upstream of Hidden Valley's wells would exacerbate the frequency and duration of any pumping necessary under Condition 18; and

Whereas, Hidden Valley would, in the absence of this agreement, protest the issuance of an appropriative water right permit to Callayomi on said grounds; and

Whereas, it is fair and just that Callayomi share in the cost of construction, operation and maintenance of the facilities necessary to mitigate the environmental impacts of its extractions;

NOW THEREFORE, THE PARTIES DO HEREBY AGREE AS FOLLOWS:

1. Condition 18 Obligations

(a) *Sole Responsibility*

The parties agree that, as between them, Hidden Valley shall have the sole obligation, responsibility, and authority to meet the requirements of Condition 18 of Hidden Valley's water right permit as well as any substantially identical requirement which may be imposed as a condition of any water right permit issued to Callayomi.

(b) *Compliance Assurance*

Hidden Valley shall take such actions; install, maintain, and operate such facilities; make such expenditures as may be necessary to ensure that the requirements of Condition 18 are complied with; and shall ensure that Condition 18 is complied with insofar as is possible.

2. Contribution to Construction Costs

(a) *Amount*

Callayomi shall pay to Hidden Valley forty percent (40%) of all capital costs (estimated by the parties at a total of \$200,000) which Hidden Valley incurs in complying with Condition 18. Capital costs shall include, without limitation, any acquisition of real property rights, design, construction, and installation of physical improvements, legal or engineering costs incurred in connection with establishing rights or facilities necessary to comply with Condition 18, including monitoring facilities, and any costs associated with establishing accounting procedures to implement this agreement.

(b) *Right of Inspection*

Callayomi shall have the right to inspect and request copies of all receipts, invoices, and other records supporting the bill submitted by Hidden Valley. The costs of such copies shall be billed to Callayomi in accordance with the requirements and limitations of the California Public Records Act.

(c) *Payment*

Payment by Callayomi of sums due for capital costs shall be made no later than ninety days following receipt of the billing statement by Callayomi. Thereafter, interest shall accrue at the maximum allowable legal rate.

3. Contribution to Operation and Maintenance Costs

(a) *Amount*

~~Callayomi shall pay to Hidden Valley twenty percent (20%) of Hidden Valley's costs incurred in operation, maintenance, repair, and replacement of the facilities used for compliance with Condition 18.~~

Callayomi shall pay to Hidden Valley a proportionate share of Hidden Valley's costs incurred in operation, maintenance, repair, and replacement of the facilities used for compliance with Condition 18. Callayomi's proportionate share shall be calculated as the total quantity of groundwater extracted at Callayomi's source for municipal purposes in the preceding calendar year, divided by the total quantity of groundwater extracted at Hidden Valley's source for municipal purposes in the preceding calendar year. The parties agree that at times Callayomi's proportionate annual cost share obligation will be less than, but under no circumstances greater than **four thousand dollars (\$4,000)** in any one calendar year.

(b) *Billing*

Hidden Valley will bill Callayomi for its share of such costs on an annual basis. The bills shall describe generally the activities for which such costs were incurred during the billing period.

(c) *Right of Inspection*

Callayomi shall have the right to inspect and request copies of all receipts, invoices, and other records supporting the bill submitted by Hidden Valley. The costs of such copies shall be billed in accordance with the requirements and limitations of the California Public Records Act.

(d) *Payment*

Payment by Callayomi of sums due for operation and maintenance costs shall be made no later than sixty days following receipt of the billing statement by Callayomi. Thereafter, interest shall accrue at the maximum allowable legal rate.

(e) *Budgeting*

Hidden Valley shall meet with Callayomi on an annual basis in December of each year, and shall make a good faith effort to estimate the costs it anticipates for operation and maintenance for the next following budget year, provided that Hidden Valley shall not be liable for any discrepancy between the amount thus estimated and the amount actually incurred.

4. Callayomi's Water Right Application

(a) *Modification of Fully Appropriated Stream Declaration*

Hidden Valley agrees to support any petition filed with the State Water Resources Control Board by Callayomi seeking modification of the Fully Appropriated Stream Declaration applicable to Putah Creek above Coyote Creek.

(b) *Water Right Application*

Hidden Valley agrees to refrain from protesting any water right application Callayomi may file for appropriation of water to meet the municipal needs of its service area and the Middletown Rancheria.

5. Obligation to Protest New Extractions and Diversions

(a) *Protest dismissal terms*

Hidden Valley and Callayomi agree that each shall protest applications and petitions for increased diversions and/or extractions of water from the alluvium above Guenoc Gage, and other applications for permits or governmental authorization for activities requiring extraction or diversion of water from Putah Creek or its tributaries above Guenoc Gage, and will not dismiss said protest unless the applicant agrees to participate in this cost sharing agreement or in one substantially identical thereto.

(b) *Costs of protests*

If the parties pursue such protests using a single attorney and or engineer or other professional consultant, the costs thereof shall be considered an operation and maintenance cost shared by the parties as set forth above.

6. Indemnification and Hold Harmless

Hidden Valley hereby indemnifies and holds Callayomi harmless from and agrees to defend Callayomi against any and all claims, damage, costs, injury, or liability resulting from the design, construction, installation, operation, maintenance, or replacement of facilities used for the purpose of complying with Condition 18, or for any claims, damage, costs, injury or liability which may accrue due to Hidden Valley's failure to comply with Condition 18.

7. Periodic Review

(a) *First Review*

This agreement shall be reviewed by the parties on the fifth anniversary of its effective date, or upon Hidden Valley's execution of any substantially similar agreement with any additional party or parties, whichever first occurs, to ensure that the contribution of all parties to Condition 18 compliance is equitable, based upon the amount of annual extractions by each, but excluding extractions made by Hidden Valley for the sole purpose of complying with Condition 18.

(b) *Subsequent Reviews*

Subsequent review of the proportional obligations required of the parties contributing to Condition 18 compliance shall occur on each fifth anniversary of the previous review or upon execution by Hidden Valley of a similar agreement with any additional party.

(c) *Principles Governing Subsequent Review*

To the extent practicable and equitable, financial contribution for capital, operation, and maintenance costs for years following the initial five year period of this agreement shall reflect the proportional extraction or diversion of water by the contributing party.

8. Disputes

In any action or arbitration to enforce the obligations of the parties hereunder, the prevailing party shall be entitled to recover the reasonable attorneys' fees and costs it has incurred in such enforcement effort.

9. Modification

This agreement may be amended or modified only upon mutual written consent.

10. Captions and Headings

Captions and paragraph headings used herein are for convenience only and are not a part of the agreement and shall not be used in construing it.

11. Notices

Notices and Billing Statements to be provided under this agreement shall be presumed to be received five days after placing the document in the United States mail, first class, postage prepaid, addressed to the affected party at the following address, or such other address as the party may, from time to time, designate in writing:

Hidden Valley Lake Community Services District

Roland Sanford, **General Manager**
Hidden Valley Lake Community Services District
19400 Hartman Road
Middletown, CA 95461

Callayomi County Water District:

~~Frank Haas~~ **John Hamner, General** Manager
Callayomi County Water District
P.O. Box 623
Middletown, CA 95461

12. Non-waiver

The waiver by either party of any breach of any term, covenant, or condition contained in this agreement or any default in performance of any obligation under this agreement shall not be deemed to be a waiver of any other breach or default of the same or any other term, covenant, condition, or obligation. Nor shall any waiver of any incident of breach or default constitute a continuing waiver of the same.

13. Successors and Assigns

The rights and obligations of the parties shall be binding on and run to their respective successors and assigns.

14. Termination

This agreement shall terminate in the event that Callayomi secures and utilizes, as its sole source of municipal supply for nonriparian purposes, a source of water which is not tributary to Putah Creek or any of its tributaries or the underflow thereof.

15. Integration

This agreement contains the entire agreement and understanding of the parties as to the subject matter of this agreement. It merges and supersedes all prior or contemporaneous agreements, commitments, representations, writings, and discussions between Hidden Valley and Callayomi, whether oral or written concerning the subject matter of this agreement, and has been induced by no representations, statements or agreements other than those expressed herein.

IN WITNESS WHEREOF, the parties hereto have subscribed this contract by their officers thereunto duly exercised.

HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT

General Manager/Secretary to the Board Date

CALLAYOMI COUNTY WATER DISTRICT

General Manager Date

Secretary to the Board Date

AMENDED AGREEMENT FOR
CONDITION 18 COMPLIANCE
COST SHARING BETWEEN
HIDDEN VALLEY LAKE COMMUNITY SERVICES
DISTRICT
AND CALLAYOMI COUNTY WATER
DISTRICT

This amended agreement is made this ___ day of _____, 2013, by and between the Callayomi County Water District (herein "Callayomi"), and Hidden Valley Lake Community Services District (herein "Hidden Valley"), public entities created by and existing under the laws of the State of California.

Whereas, Hidden Valley applied for an appropriative water right from the State of California for extraction of subterranean water from the alluvial valley through which Putah Creek flows; and

Whereas, the Department of Fish and Wildlife (formerly known as the Department of Fish and Game) protested the granting of the application on the grounds that such extraction might tend to cause downstream wetlands to dry up earlier in the year than if the extractions were not made; and

Whereas, the protest was dismissed upon the condition that Hidden Valley be required to pump water into Putah Creek at a downstream point to ensure continuous flow in Putah Creek at the Guenoc Gage to maintain the wetlands despite Hidden Valley's extractions; and

Whereas, in satisfaction of the protest dismissal terms, Condition 18 was included in the appropriative water right permit granted to Hidden Valley, requiring it to pump water into Putah Creek to ensure continuous flow in Putah Creek at the Guenoc Gage for maintenance of the wetland; and

Whereas, Hidden Valley has partially constructed and will complete construction of facilities, which it will operate and maintain to fulfill the obligations of Condition 18 and to mitigate any environmental impacts which may be caused by pumping from the underground alluvium upstream of Guenoc Gage; and

Whereas, Callayomi proposes to apply for an appropriative water right permit for extraction of underground water from the alluvial valley through which Putah Creek flows, which rights would be junior and subordinate to those held by Hidden Valley; and

Whereas, the water extractions of Callayomi will have the same type of environmental effect as those of Hidden Valley and, in the absence of Hidden Valley's compliance with Condition 18, would trigger the same protest from the Department of Fish and Wildlife and almost certainly result in imposition of a permit condition similar or identical to Condition 18; and

Whereas, any extractions of groundwater or diversion of surface water upstream of Hidden Valley's wells would exacerbate the frequency and duration of any pumping necessary under Condition 18; and

Whereas, Hidden Valley would, in the absence of this agreement, protest the issuance of an appropriate water right permit to Callayomi on said grounds; and

Whereas, it is fair and just that Callayomi share in the cost of construction, operation and maintenance of the facilities necessary to mitigate the environmental impacts of its extractions;

NOW THEREFORE, THE PARTIES DO HEREBY AGREE AS FOLLOWS:

1. Condition 18 Obligations

(a) *Sole Responsibility*

The parties agree that, as between them, Hidden Valley shall have the sole obligation, responsibility, and authority to meet the requirements of Condition 18 of Hidden Valley's water right permit as well as any substantially identical requirement which may be imposed as a condition of any water right permit issued to Callayomi.

(b) *Compliance Assurance*

Hidden Valley shall take such actions; install, maintain, and operate such facilities; make such expenditures as may be necessary to ensure that the requirements of Condition 18 are complied with; and shall ensure that Condition 18 is complied with insofar as is possible.

2. Contribution to Construction Costs

(a) *Amount*

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connection with establishing rights or facilities necessary to comply with Condition 18, including monitoring facilities, and any costs associated with establishing accounting procedures to implement this agreement.

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Roland Sanford, General Manager
Hidden Valley Lake Community Services District
19400 Hartman Road
Middletown, CA 95461

Callayomi County Water District:

John Hamner, General Manager
Callayomi County Water District
P.O. Box 623
Middletown, CA 95461

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13. Successors and Assigns

The rights and obligations of the parties shall be binding on and run to their respective successors and assigns.

**ACTION OF
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

DATE: October 15, 2013

AGENDA ITEM: Discussion and Possible Action: Acceptance of Final CPS HR Consulting Base Salary Study Report dated September 30, 2013

RECOMMENDATIONS:

Accept Final CPS HR Consulting Base Salary Study Report dated September 30, 2013

FINANCIAL IMPACT:

None

BACKGROUND:

Pursuant to Board direction, staff retained CPS HR Consulting (CPS) of Sacramento, California to conduct a "base salary" survey of staff positions that had not been surveyed in the last 18 months. At the August 20, 2013 Board meeting staff and the Board reviewed the draft base salary study report prepared by CPS and shortly thereafter forwarded review comments to CPS for incorporation into the final report. CPS has addressed the comments provided by staff and the Board in the attached final report dated September 30, 2013. Staff is recommending the Board formally accept the final report and in doing so, complete the contractual obligation with CPS.

APPROVED
AS RECOMMENDED

OTHER
(SEE BELOW)

Modification to recommendation and/or other actions:

I, Roland Sanford, Secretary to the Board, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular board meeting thereof held on (DATE) by the following vote:

Ayes:

Noes:

Abstain:

Absent

Secretary to the Board

Roland Sanford

From: Monica Garrison Reusch <mgarrisonreusch@cpshr.us>
Sent: Wednesday, October 09, 2013 11:15 AM
To: Roland Sanford
Subject: RE: Final Report

Hi Roland,

Below is a revised version for the paragraph on page 5 of the Final Report that you had asked for clarification on. Please let me know if this will work for you, or if you feel additional clarification is needed.

Thanks,
Monica

Revised Paragraph:

As this is a base salary study, the primary focus of this study is on the collection and reporting of the minimum and maximum salary range for each matched classification. Base salary or pay is defined as: The fixed compensation paid to an employee for performing specific job responsibilities. It is typically paid as salary, hourly or piece rate. It is standard industry practice for base salary to be reflected as the total posted salary, without adjusting this salary to reflect the employees' required contribution to a defined benefit plan, such as CalPERS. Therefore, CPS HR has presented the base salary data in Appendix A in this format. However, as the District has indicated an interest in their labor markets current practices with regard to employer paid employee contributions to PERS, CPS HR has collected information regarding these practices and presented this information in Table 4 in the following section. Per the Districts request these labor market practices reflect benefits provided to "classic" employees, employees hired prior to the impact of recent legislation, and have also been included within the data sheets provided in Appendix A. These data sheets now reflect not only the base salary paid to each comparable, but also whatever percentage of required employee contribution is currently paid, or "picked up," by the agency. Finally, CPS HR has also included within Table 4 an overview of each agencies range structure for informational purposes.

PLEASE NOTE:

My e-mail address is changing to mgarrisonreusch@cpshr.us effective October 1, 2013.

Monica Garrison Reusch
Project Consultant
mgarrisonreusch@cpshr.us
(t) 916.505.0930
(f) 916.561.8426
www.cpshr.us

From: Roland Sanford [rsanford@hiddenvalleylakecsd.com]

September 30, 2013

Hidden Valley Lake Community Services District

Final Report Base Salary Study

SUBMITTED BY:
DEBBIE OWEN
Project Manager

CPS HR Consulting
241 Lathrop Way
Sacramento, CA 95815
t:916-471-3122 f:916-561-8431
Tax ID: 68-0067209
www.cps.ca.gov

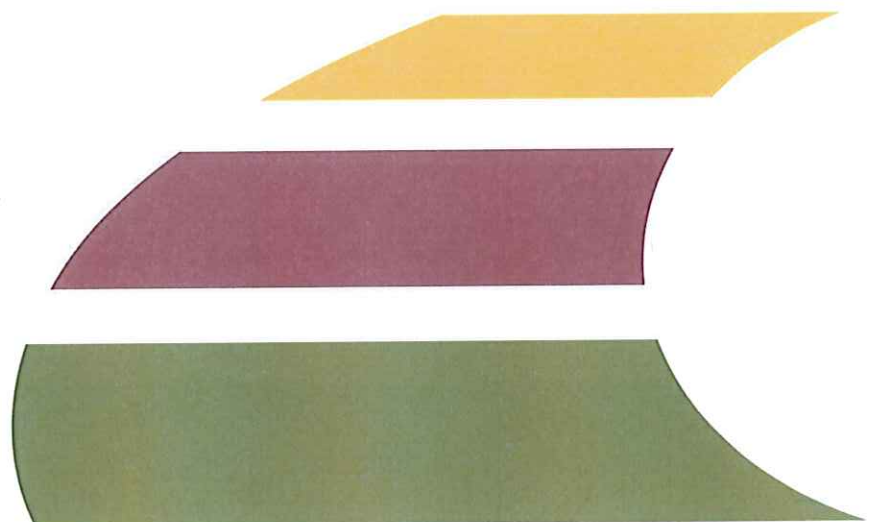


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Appendix A – Labor Market Data Sheets

I. Introduction

CPS HR Consulting [“CPS HR”] was retained by the Hidden Valley Lake Community Services District [the “District”] to conduct a base salary survey for eight of the District’s classifications. The objective of this study was to determine how competitive the District is in its labor market by collecting and analyzing maximum monthly base salary for these eight classifications. This Draft Report outlines the project scope and work plan, the methodologies utilized in data collection and analysis, and an overview of the results of the base salary study.

II. Project Scope and Work Plan

In order to complete the study, the following tasks were completed for each phase:

- Confirmation of the project scope including the identification of survey classes and the labor market agencies to be surveyed [completed]
- Development of the compensation survey parameters and survey instrument. The survey instrument was developed to collect base salary information [completed]
- The collection of base salary data from the identified labor market agencies. CPS HR validated the data provided in the survey responses. In the instances where a surveyed agency did not directly respond to the survey, CPS HR collected the data from the agencies’ website and validated the requested data directly with the agencies [completed]
- Preparation of a Draft Report for Board of Director review and comments [completed]
- Review and resolution of issues arising from Board review of the draft report [completed]
- Preparation of the Final Base Salary Study Report

III. Compensation Study Parameters

The first step in conducting a compensation survey is to determine the basic parameters for the survey. These parameters include:

- Labor market agencies
- Labor market position
- Survey classifications
- Scope of data collection

Labor Market Agencies

CPS HR utilized the labor market that had been developed and utilized in a recent base salary study conducted by the District. The District’s labor market consists of the following eleven agencies.

TABLE 1 Hidden Valley Lake Community Services District Base Salary Study Labor Market Agencies
Clearlake Oaks Community Water District City of Calistoga City of Healdsburg City of Lakeport City of Napa City of Santa Rosa City of Sonoma Lake County North Marin Water District Town of Windsor Valley of the Moon Water District ¹

1- At the time of this final report CPS HR had not received a response to our requests for survey information from Valley of the Moon Water District.

Labor Market Position

The decision on what point within the market the District intends to set salaries , e.g. at the mean (average of all agencies), median (50th percentile, or middle of all agencies), 75th percentile (top 25% of market payers) or other point is an important policy decision for the District and some key considerations for the District when making this decision are:

- What is the most defensible and fiscally prudent course of action for the District to take in terms of compensating employees fairly, while also meeting its obligations to their rate payers?
- Is the District experiencing difficulties in recruiting and retaining qualified staff and/or do they anticipate future difficulties?

■ What can the District afford to pay in a sustainable manner?

A commonly used market position is the labor market median. The median is that point within the market wherein half of the data is above the District's range maximum for the survey classification, and half of the data is below the District's range maximum for the survey classification. The mean of the market is the average of all reported range maximum data points. In both cases, the District's salary range maximum is not included within the data array since it is the point to which the market median or mean is being compared. In general terms, the differences between the median and mean of the market is that the median of the market is less influenced by data variances of higher and lower paying agencies than the mean, which is an average of all data points. In effect, when utilizing the median, you could eliminate both the highest amount and the lowest amount reported in a data set with no impact on the median amount. For purpose of the initial analysis, CPS HR conducted analyses relative to the median of the market.

Survey Classifications

The following classifications were identified by the District to be included within the compensation survey.

TABLE 2 Hidden Valley Lake Community Services District Base Salary Study Survey Classifications
Assistant to Field Operations Lead Wastewater Operator Lead Water Operator Operator I Operator II Senior Account Representative Utility Worker I Utility Worker II

Scope of Data Collection

The information presented in this report was collected effective June 1, 2013.

Since this is a base salary study, the primary focus of this study is on the collection and reporting of the minimum and maximum salary range for each matched classification. Base salary or pay is defined as: The fixed compensation paid to an employee for performing specific job responsibilities. It is typically paid as salary, hourly or piece rate. It is standard industry

practice for base salary to be reflected as the total posted salary without adjusting the salary for the required employees' contribution to a defined benefit plan such as CalPERS. Therefore CPS HR has presented the base salary data in Appendix A in this format. However, as the District has indicated an interest in their labor markets current practices with regard to employer paid employee contributions to PERS CPS HR has collected information regarding these practices presented in Table 4 in the following section. Per the Districts request these labor market practices with regard to "classic" employees, employees hired prior to the impact of recent legislation, have also been included within the data sheets provided in appendix A which reflect not only the base salary paid to each comparable but also whatever percentage of required employee contribution is currently paid, or "picked up," by the agency. Finally, CPS HR has also included within Table 4 an overview of each agencies range structure for informational purposes.

IV. Survey Results

As indicated in the previous section, the survey involved the collection of base salary data from each of the selected labor market agencies. These results are presented in the labor market data sheets in Appendix A. To facilitate data collection, CPS HR reviewed each agency's salary schedules, classification specifications, position description documents [where available] and other documentation from the labor market agencies to compile the survey data, and then asked clarifying questions of the agencies to ensure the most appropriate matching.

If a review of the duties and responsibilities assigned to the labor market agency's classification indicated that it was not comparable, the designation of "No Comparable Class" was utilized. In some instances you will see a designation of "Unable to Participate" for one agency that was unable to provide us with the documentation necessary to conduct the study, [the Valley of the Moon Water District].

When conducting a salary survey, the intent is to provide general market trends by comparing the span of control, duties and responsibilities, and knowledge, skill and ability requirements to determine whether these are comparable enough to utilize as a match. With a balanced labor market and the use of whole job analysis, it is reasonable to assume that while some matches will have slightly higher responsibilities and some matches will have slightly lower responsibilities, the overall scope of duties and responsibilities of the combined matches will be balanced. The use of the labor market median as the market comparison point further minimizes the possibility of data being skewed by higher, or lower, paying agencies.

For this study, CPS HR did match jobs broadly to ensure sufficient labor market data in acknowledgement of the varied duties incumbents within each of the study classifications performed. When reviewing the attached data sheets the District should be aware of the following:

The term “Market Check” indicates that while the data from the survey classifications may be helpful in setting salary levels, we do not consider the identified classifications to be directly comparable to the District’s classification.

- **Assistant to Field Operations** – Matches reflect the administrative support level assigned within the surveyed agencies’ water operations divisions. Given organization structure differences in several instances, this work is often assigned to an Administrative Secretary supporting management within the water division.
- **Lead Wastewater Operator (Market Check)** – Data for this classification has been presented as market check given significant differences in the size of operations and reporting relationships within the labor market. Matches reflect the first supervisory level within the surveyed agencies over wastewater operations. CPS HR did not take into consideration certification levels when evaluating the identified comparables, but rather matched broadly in order to be able to provide sufficient comparable data. In instances where no comparable was identified this is the result of the agency not having a supervisory level, but rather a full managerial level, or the agency has both Water and Wastewater overseen by one position.
- **Lead Water Operator (Market Check)** – Data for this classification has been presented as market check given significant differences in the size of operations and reporting relationships within the labor market. Matches reflect the first supervisory level within the surveyed agencies over water operations. CPS HR did not take into consideration certification levels when evaluating the identified comparables, but rather matched broadly in order to be able to provide sufficient comparable data. In instances where no comparable was identified this is the result of the agency not having a supervisory level, but rather a full managerial level, or the agency has both Water and Wastewater overseen by one position.
- **Operator I** – Matches reflect the entry level water/wastewater operator work performed within the surveyed classifications. Given differences in plant requirements, CPS HR did not take into consideration certification levels required when evaluating the identified comparables, but rather matched broadly in order to be able to provide sufficient comparable data.
- **Operator II** – Matches reflect the journey level water/wastewater operator work performed within the surveyed classifications. Given differences in plant requirements CPS HR did not take into consideration certification levels required when evaluating the

identified comparables, but rather matched broadly in order to be able to provide sufficient comparable data.

- **Senior Account Representative** – Matches reflect the paraprofessional level assigned the utility billing function within each of the surveyed agencies. In many of the surveyed agencies this work is assigned to an Accounting Technician level and although these comparables may also be performing broader paraprofessional accounting work than the District’s Senior Account Representative the matches reflect where the core utility billing work is performed within each of the surveyed agencies.
- **Utility Worker I** – Matches reflect the entry level unskilled and skilled general maintenance work performed within each of the agencies water operations.
- **Utility Worker II** – Matches reflect the journey level unskilled and skilled general maintenance work performed within each of the agencies water operations.

In order to provide the District with a summary of study results, Table 3 displays the following information:

- The title of the District’s survey classification.
- The current District maximum monthly salary for the survey classification.
- The number of comparable classifications identified within the analysis.
- The labor market median monthly maximum salary – this calculation is based upon the maximum monthly salary for each of the comparable classifications; the middle of that range of data is then computed to provide the median amount.
- The percentage the District’s maximum monthly salary for the survey classification is above or below the median of the labor market; this number indicates what percentage of the District’s salary is required to move it up or down to match the market median.

TABLE 3 Hidden Valley Lake Community Services District Base Salary Study Base Salary Survey Results				
Classification	District Maximum Base Salary	# of matches	Labor Market Median	% the District Above or Below Labor Market Median
Assistant to Field Operations	\$3,548	8	\$4,742	-33.65%
Lead Wastewater Operator – Market Check	\$5,746	6	\$7,045	N/A

TABLE 3 Hidden Valley Lake Community Services District Base Salary Study Base Salary Survey Results				
Classification	District Maximum Base Salary	# of matches	Labor Market Median	% the District Above or Below Labor Market Median
Lead Water Operator – Market Check	\$5,746	8	\$6,922	N/A
Operator I	\$3,913	5	\$4,418	-12.91%
Operator II	\$5,051	9	\$5,372	-6.35%
Senior Account Representative	\$3,548	10	\$4,649	-31.04%
Utility Worker I	N/A	8	\$4,235	N/A
Utility Worker II	\$2,848	9	\$4,658	-63.56%

Per the District’s request CPS HR has surveyed both the entry and journey levels for the Operator and Utility Worker classification series. However, as is apparent from the number of matches identified for the entry level classifications, versus the journey level, several of the surveyed organizations only have one level performing comparable work, which has been reflected as comparable to the journey level. For this reason when looking to evaluate the data for salary setting purposes CPS HR encourages the District to evaluate the data collected for the journey level, or Operator II and Utility Worker II, and then set the salaries for the Operator I and Utility Worker I based on internal alignment.

As was mentioned in the previous section the District requested that CPS HR collect and include within this study data with regard to the percentage of the employees required PERS contribution paid by the employer as well as information of the range structure for each of the surveyed agencies. Table 4 on the following page provides an overview of this information for each of the surveyed agencies and Appendix A reflects the additional benefit received within agencies that currently still “pick-up” or pay a portion of the employees required PERS contribution.

TABLE 4 Hidden Valley Lake Community Services District Base Salary Study Overview of Specific Agency Pay Practices		
Agency	PERS Pick-up Practices	Range Structure
Clearlake Oaks Community Water District	7% of employee contribution paid by District for employees hired before May 17, 2012	Open range; no set steps
City of Calistoga	Employees pay their own PERS contributions	5 steps; 5% between steps
City of Healdsburg	Employees pay their own PERS contributions	Open range; no set steps
City of Lakeport	Employees pay their own PERS contributions	6 steps; 4.5% between steps
City of Napa	Employees pay their own PERS contributions	20 steps; 1% between steps
City of Santa Rosa	Employees pay their own PERS contributions	5 steps; 5% between steps
City of Sonoma	7% of employee contribution paid by City for employees hired before January 1, 2013	5 steps; 5% between steps
Lake County	7% of employee contribution paid by the County	5 steps; 5% between steps
North Marin Water District	6.4% of employee contribution paid by the District; as of October 1, 2013 this will go down to 4.8%	5 steps; 5% between steps
Town of Windsor	4% of employee contribution paid by the Town	10 steps; 2.5% between steps

V. Summary

The above sections of this report provide detailed information concerning the scope of the project, the methodology used to complete the base salary study, as well as the results of the study, which show where the District stands in comparison to the labor market. Should you require any further information on the contents of this Final Report, please contact Ms. Debbie Owen on [916] 471-3122.

**Appendix A
Data Sheets**

*Hidden Valley Lake Community Services District
Final Report – Base Salary Study*

Assistant to Field Operations

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Assistant to Field Operations</i>	\$2,919	\$3,548		\$3,548
Clearlake Oaks Community Water District	No Comparable Class				
City of Calistoga	Administrative Secretary	\$3,259	\$3,964		\$3,964
City of Healdsburg	Administrative Specialist	\$4,886	\$5,962		\$5,962
City of Lakeport	Department Secretary II	\$3,075	\$3,896		\$3,896
City of Napa	Secretary	\$4,207	\$5,081		\$5,081
City of Santa Rosa	Administrative Secretary	\$3,967	\$4,811		\$4,811
City of Sonoma Water	Administrative Assistant	\$3,844	\$4,672	\$327	\$4,999
Lake County	Customer Services Technician II	\$2,063	\$2,764	\$193	\$2,957
North Marin Water District	No Comparable Class				
Town of Windsor	Senior Administrative Assistant	\$4,161	\$5,197	\$208	\$5,405
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$4,742		\$4,905
	Base Salary Mean		\$4,543		\$4,634
	Percentage/Dollars Above or Below Median	-33.65%	-\$1,194	-38.26%	-\$1,357
	Percentage/Dollars Above or Below Mean	-28.06%	-\$996	-30.63%	-\$1,087

Lead Wastewater Operator

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Lead Wastewater Operator (Market Check)</i>	\$5,139	\$5,746		\$5,746
Clearlake Oaks Community Water District	Chief Plant Operator - WWT	\$4,004	\$6,413	\$449	\$6,862
City of Calistoga	No Comparable Class				
City of Healdsburg	Wastewater Utility Foreman	\$6,652	\$8,116		\$8,116
City of Lakeport	Wastewater Facilities Operator Supervisor	\$3,647	\$4,606		\$4,606
City of Napa	No Comparable Class				
City of Santa Rosa	Utility System Supervisor	\$5,915	\$7,045		\$7,045
City of Sonoma Water	No Comparable Class				
Lake County	Utility Area Superintendent	\$4,185	\$5,088	\$356	\$5,444
North Marin Water District	No Comparable Class				
Town of Windsor	Wastewater System Supervisor	\$6,616	\$8,263	\$331	\$8,594
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$6,729		\$6,953
	Base Salary Mean		\$6,589		\$6,778
	Percentage/Dollars Above or Below Median	-17.12%	-\$983	-21.02%	-\$1,208
	Percentage/Dollars Above or Below Mean	-14.67%	-\$843	-17.96%	-\$1,032

Lead Water Operator

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Lead Water Operator (Market Check)</i>	\$5,139	\$5,746		\$5,746
Clearlake Oaks Community Water District	Chief Plant Operator - WT	\$4,004	\$6,413	\$449	\$6,862
City of Calistoga	No Comparable Class				
City of Healdsburg	Water Utility Foreman	\$6,652	\$8,116		\$8,116
City of Lakeport	Water Facilities Operator Supervisor	\$3,647	\$4,606		\$4,606
City of Napa	No Comparable Class				
City of Santa Rosa	Utility System Supervisor	\$5,915	\$7,045		\$7,045
City of Sonoma Water	No Comparable Class				
Lake County	Utility Area Superintendent	\$4,185	\$5,088	\$356	\$5,444
North Marin Water District	Senior Treatment Plant Operator	\$5,592	\$6,798	\$435	\$7,233
Town of Windsor	Water System Supervisor	\$6,301	\$7,870	\$315	\$8,185
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$6,798		\$7,045
	Base Salary Mean		\$6,562		\$6,784
	Percentage/Dollars Above or Below Median	-18.32%	-\$1,052	-22.62%	-\$1,299
	Percentage/Dollars Above or Below Mean	-14.21%	-\$817	-18.08%	-\$1,039

Operator I

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Operator I</i>	\$3,218	\$3,913		\$3,913
Clearlake Oaks Community Water District	No Comparable Class				
City of Calistoga	Plant Operator I	\$3,259	\$3,964		\$3,964
City of Healdsburg	No Comparable Class				
City of Lakeport	No Comparable Class				
City of Napa	No Comparable Class				
City of Santa Rosa	Utility System Operator I	\$3,631	\$4,418		\$4,418
City of Sonoma Water	No Comparable Class				
Lake County	Water-Wastewater Treatment Plant Operator I	\$2,833	\$3,444	\$241	\$3,685
North Marin Water District	Assistant Water Distribution and Treatment Plant Operator	\$4,181	\$5,081	\$325	\$5,406
Town of Windsor	Water System Operator I	\$3,868	\$4,831	\$193	\$5,024
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$4,418		\$4,418
	Base Salary Mean		\$4,348		\$4,500
	Percentage/Dollars Above or Below Median	-12.91%	-\$505	-12.91%	-\$505
	Percentage/Dollars Above or Below Mean	-11.11%	-\$435	-14.99%	-\$587

Operator II

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Operator II</i>	\$4,156	\$5,051		\$5,051
Clearlake Oaks Community Water District	Operator II	\$2,851	\$4,897	\$343	\$5,240
City of Calistoga	Plant Operator II	\$3,595	\$4,369		\$4,369
City of Healdsburg	Utility Operator	\$6,022	\$7,347		\$7,347
City of Lakeport	Operator/MW I	\$2,517	\$3,181		\$3,181
City of Napa	Water Treatment Facility Operator	\$5,080	\$6,137		\$6,137
City of Santa Rosa	Utility System Operator II	\$4,007	\$4,872		\$4,872
City of Sonoma Water	No Comparable Class				
Lake County	Water-Wastewater Treatment Plant Operator II	\$3,124	\$3,797	\$266	\$4,063
North Marin Water District	Water Distribution and Treatment Plant Operator	\$5,201	\$6,322	\$405	\$6,727
Town of Windsor	Wastewater System Operator II ¹	\$4,702	\$5,872	\$235	\$6,107
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$4,897		\$5,240
	Base Salary Mean		\$5,199		\$5,338
	Percentage/Dollars Above or Below Median	3.05%	\$154	-3.73%	-\$189
	Percentage/Dollars Above or Below Mean	-2.93%	-\$148	-5.68%	-\$287

1 - Have separate System Operator classifications. We have matched the higher paid, the Water System Operator II is paid \$4,265 - \$5,326 monthly

Senior Account Representative

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Senior Account Representative</i>	\$2,919	\$3,548		\$3,548
Clearlake Oaks Community Water District	Customer Service Lead/Bookkeeper	\$2,799	\$4,507	\$315	\$4,822
City of Calistoga	Senior Account Clerk	\$3,421	\$4,162		\$4,162
City of Healdsburg	Accounting Clerk II	\$3,810	\$4,649		\$4,649
City of Lakeport	Accounting Technician	\$2,943	\$3,732		\$3,732
City of Napa	Accounting Technician	\$4,444	\$5,370		\$5,370
City of Santa Rosa	Customer Service Representative	\$3,499	\$4,253		\$4,253
City of Sonoma Water	Accounting Technician	\$4,202	\$5,108	\$358	\$5,466
Lake County	Accounting Technician	\$2,274	\$2,764	\$193	\$2,957
North Marin Water District	Account/Credit Clerk II	\$4,090	\$4,971	\$318	\$5,289
Town of Windsor	Senior Utility Billing Representative	\$3,963	\$4,949	\$198	\$5,147
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$4,578		\$4,736
	Base Salary Mean		\$4,447		\$4,585
	Percentage/Dollars Above or Below Median	-29.04%	-\$1,030	-33.48%	-\$1,188
	Percentage/Dollars Above or Below Mean	-25.33%	-\$899	-29.23%	-\$1,037

Utility Worker I

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Utility Worker I - Market Check</i>				
Clearlake Oaks Community Water District	No Comparable Class				
City of Calistoga	Maintenance Technician I	\$3,106	\$3,774		\$3,774
City of Healdsburg	Utility Worker I	\$3,810	\$4,649		\$4,649
City of Lakeport	Public Works Maintenance Worker I	\$2,414	\$3,053		\$3,053
City of Napa	Water Facilities Worker I	\$3,656	\$4,417		\$4,417
City of Santa Rosa	No Comparable Class				
City of Sonoma Water	Maintenance Worker I	\$3,505	\$4,260	\$298	\$4,558
Lake County	Utility Worker I	\$2,509	\$3,049	\$213	\$3,262
North Marin Water District	Laborer	\$3,463	\$4,209	\$269	\$4,478
Town of Windsor	Utility Maintenance Worker I	\$3,684	\$4,601	\$184	\$4,785
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$4,235		\$4,448
	Base Salary Mean		\$4,002		\$4,122
	Percentage/Dollars Above or Below Median		-\$4,235		-\$4,448
	Percentage/Dollars Above or Below Mean		-\$4,002		-\$4,122

Utility Worker II

Surveyed Agency	Classification Title	Monthly Min.	Monthly Max.	PERS Pick-Up	Max. including PERS Pick-
<i>Hidden Valley Lake Community Services District</i>	<i>Utility Worker II</i>	\$2,412	\$2,848		\$2,848
Clearlake Oaks Community Water District	No Comparable Class				
City of Calistoga	Maintenance Technician II	\$3,421	\$4,162		\$4,162
City of Healdsburg	Utility Worker II	\$4,251	\$5,187		\$5,187
City of Lakeport	Public Works Maintenance Worker II	\$2,943	\$3,732		\$3,732
City of Napa	Water Facilities Worker II	\$4,155	\$5,020		\$5,020
City of Santa Rosa	Skilled Maintenance Worker	\$3,770	\$4,488		\$4,488
City of Sonoma Water	Maintenance Worker II	\$3,832	\$4,658	\$326	\$4,984
Lake County	Utility Worker II	\$2,766	\$3,362	\$235	\$3,597
North Marin Water District	Pipe Worker	\$4,561	\$5,543	\$355	\$5,898
Town of Windsor	Utility Maintenance Worker II	\$4,062	\$5,073	\$203	\$5,276
Valley of the Moon Water District	Unable to Participate				
	Base Salary Median		\$4,658		\$4,984
	Base Salary Mean		\$4,581		\$4,705
	Percentage/Dollars Above or Below Median	-63.56%	-\$1,810	-75.00%	-\$2,136
	Percentage/Dollars Above or Below Mean	-60.84%	-\$1,733	-65.20%	-\$1,857

**ACTION OF
HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

DATE: October 15, 2013

AGENDA ITEM: Discussion and Possible Action: Definitions of Base Salary and Total Compensation

RECOMMENDATIONS:

Adopt the definitions of "Base Salary" and "Total Compensation" proposed by Personnel Committee.

FINANCIAL IMPACT:

None

BACKGROUND:

See attached memo from Personnel Committee

APPROVED
AS RECOMMENDED

OTHER
(SEE BELOW)

Modification to recommendation and/or other actions:

I, _____, Secretary to the Board, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular board meeting thereof held on (DATE) by the following vote:

Ayes:

Noes:

Abstain:

Absent

Secretary to the Board



Memo

To: HVLCSD Board of Directors

From: Personnel Committee

Date: October 4, 2013

Subject: Recommended definition of base salary

At the August 20, 2013 Board of Directors meeting the Personnel Committee (Committee) was assigned the task of defining "base salary" and "total compensation". The Committee met on September 13, 2013 and again on October 9, 2013, and has formulated the following definitions for consideration and possible Board adoption:

Base Salary:

"The fixed compensation paid to an employee for performing specific job responsibilities – paid as salary, hourly or piece rate"

Base Salary, as defined here, does not include overtime paid to hourly employees, but does include that portion of an employee's salary used to pay the employee's required contribution to a defined benefit plan such as CalPERS.

Total Compensation:

"The combination of base salary, health insurance (medical, dental and/or vision) benefits provided to employees at District expense, and retirement benefits (CalPERS) provided to employees at District expense"

Total Compensation, as defined here, does not include clothing provided to employees by the District.



October 7, 2013

Judy Mirbegian, Region 1 Vice Chair
Hidden Valley Lake Community Services District
19400 Hartmann Road
Hidden Valley Lake, CA 95467

sent via e-mail: judymirbegian@gmail.com

Dear Judy,

Congratulations! You have been elected to serve as the vice chair of the Region 1 Board for the 2014-2015 term of office. By virtue of your position on the region board as vice chair, you also will serve on ACWA's statewide Board of Directors.

Though your official term of office will not begin until January 1, 2014, there are a few items of business that require your immediate attention this year.

The first item of business requires your participation in a teleconference on Thursday, November 7 at 1:00 p.m. During this call, you will be briefed on your role in the ACWA committee appointment process. Paula Quinn, ACWA senior business services specialist, will send you a packet of detailed information on the committee appointment process prior to the call. Recommendations for committee appointments are due by November 21, 2013.

Please mark your calendar:

Introductory Conference Call for Region Chairs and Vice Chairs

Date: Thursday, November 7, 2013

Time: 1:00 p.m.

Call-in Number: 1-605-477-2100, Conference Code: 795297#

Additionally, an in-person orientation is scheduled for all region chairs and vice chairs to discuss your leadership responsibilities and to collect your final 2014-2015 committee recommendations on Thursday, November 21 at 3:30 p.m.

Please mark your calendar:

Chair, Vice Chair Orientation and Committee Recommendation Meeting

Date: Thursday, November 21, 2013

Time: 3:30 p.m.

Location: ACWA Office, 910 K Street, Suite 100, Sacramento, CA 95814



The orientation will be followed by your attendance as special guests at the ACWA Board of Directors dinner on November 21 and the ACWA Board meeting the following day on November 22. Please look for a separate communication from Donna Pangborn, ACWA executive assistant/clerk of the board, regarding the ACWA Board dinner and meeting.

Please RSVP to Ana Torres, anat@acwa.com, 916-441-4545 for:

- November 7 Conference Call
- November 21 Orientation

Thank you for your participation.

Sincerely,

Randy Record
ACWA President

RR/kmd

If you have any region questions, please contact your ACWA Regional Affairs Representative at 916-441-4545:

- Katie Dahl – Regions 1, 4, 5, 6 and 7, katied@acwa.com
- Marcia Wulff – Regions 2, 3, 8, 9 and 10, marciaw@acwa.com

Tami Ipsen

From: ACWA <acwabox@acwa.com>
Sent: Friday, October 04, 2013 11:01 AM
To: tipsen@hiddenvalleylakecsd.com
Subject: ACWA REGION ELECTIONS: The Results Are In!



ACWA REGION ELECTIONS

The Results Are In!

The polls have closed, the ballots have been counted and ACWA Region election results are in. The following newly elected region boards and officers will begin their term of service on Jan. 1, 2014, and serve until Dec. 31, 2015.

Region 1

Chair:

Aldaron Laird, Humboldt Bay Municipal Water District

Vice Chair:

Judy Mirbegian, Hidden Valley Lake Community Services District

Board Members:

Grant Davis, Sonoma County Water Agency

David Guhin, City of Santa Rosa

Dennis Mayo, McKinleyville Community Services District

Region 2

Chair:

Eric Larrabee, Western Canal Water District

Vice Chair:

Walter Cotter, Browns Valley Irrigation District

Board Members:

George M. Barber, Paradise Irrigation District

David Coxey, Bella Vista Water District

Sandy Denn, Glenn-Colusa Irrigation District

Sean Early, Richvale Irrigation District

Stan Wangberg, Anderson-Cottonwood Irrigation District

Region 3

Chair:

Bob Dean, Calaveras County Water District

Vice Chair:

Bill George, El Dorado Irrigation District

Board Members:

Joshua Alpine, Placer County Water Agency

Dave Eggerton, El Dorado County Water Agency

Remleh Scherzinger, Nevada Irrigation District

Paul Sciuto, South Tahoe Public Utility District

Region 4

Chair:

Mike Hardesty, Reclamation District No. 2068

Vice Chair:

Robert Roscoe, Sacramento Suburban Water District

Board Members:

Dave Brent, City of Sacramento

Glen Grant, Solano Irrigation District

Thomas McGurk, Stockton East Water District
Tim O'Halloran, Yolo County Flood Control & Water Conservation District
Pamela Tobin, San Juan Water District

Region 5

Chair:

Dick Quigley, Zone 7 Water Agency

Vice Chair:

David T. Hodgkin, Scotts Valley Water District

Board Members:

Polly Holcombe, Carpinteria Valley Water District
Lesa McIntosh, East Bay Municipal Utility District
Anson Moran, San Francisco Public Utility Commission
Bob Ptacek, Montara Water & Sanitary District
John Weed, Alameda County Water District

Region 6

Chair:

Dave Orth, Kings River Conservation District

Vice Chair:

Matthew Hurley, Angiola Water District

Board Members:

Rick Gilmore, San Luis & Delta-Mendota Water Authority
Chris Kapheim, Alta Irrigation District
Sherilyn McBee, Firebaugh Canal Water District
Martin Querin, City of Fresno, Department of Public Utilities
Aldo Sansoni, Henry Miller Reclamation District No. 2131

Region 7

Chair:

William Taube, Wheeler-Ridge-Maricopa Water Storage District

Vice Chair:

David Bixler, Kaweah River Power Authority

Board Members:

Tom Barcellos, Lower Tule River Irrigation District
Scott Edwards, Lindsay-Strathmore Irrigation District
Sean Geivet, Terra Bella Irrigation District
Paul Hendrix, Tulare Irrigation District
Adrienne Mathews, Kern County Water Agency

Region 8

Chair:

Steve Cole, Newhall County Water District

Vice Chair:

Michael Touhey, Upper San Gabriel Valley Municipal Water District

Board Members:

Bill Cooper, Castaic Lake Water Agency
Greg Galindo, La Puente County Water District
Mel Matthews, Foothill Municipal Water District
Sandy Olson, Walnut Valley Water District
Barry Steinhardt, Las Virgenes Municipal Water District

Region 9

Chair:

Harvey Ryan, Elsinore Valley Municipal Water District

Vice Chair:

Craig Ewing, Desert Water Agency

Board Members:

Joe Kuebler, Eastern Municipal Water District
Mary Ann Melleby, San Geronio Pass Water Agency
Ed Pack, Coachella Valley Water District
Kathy Tiegs, Cucamonga Valley Water District
Jim Ventura, Mojave Water Agency

Region 10

Chair:

Peer Swan, Irvine Ranch Water District

Vice Chair:

DeAna Verbeke, Helix Water District

Board Members:

Dave Draper, Rincon del Diablo Municipal Water District

Cathy Green, Orange County Water District

Larry McKenney, Moulton Niguel Water District

Richard Vasquez, Vista Irrigation District

For information about the region election process, please visit www.acwa.com.

Contact: If you have questions, please contact Regional Affairs Representatives Marcia Wulff at marciaw@acwa.com, Katie Dahl at katied@acwa.com, or call 916-441-4545.

[Visit ACWA.com](http://www.acwa.com)

We hope you enjoy receiving email notices and updates from ACWA. At any time you can unsubscribe or update your email preferences [here](#).

Association of California Water Agencies, 910 K Street, Ste. 100, Sacramento, CA 95814

Follow ACWA on [Twitter](#) and [Facebook](#)!



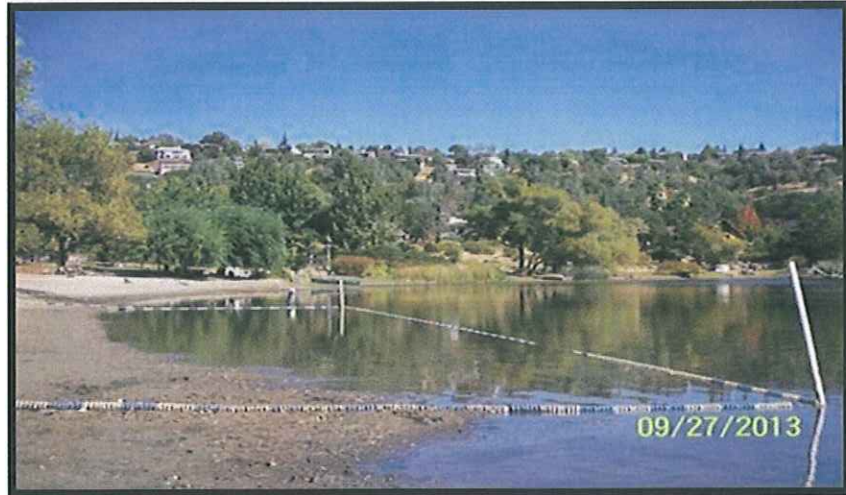
[nonprofit software](#)

HVLA Lake Monitoring Report

September 30, 2013: (#13 for 2013)

Monitor: Steve D'Agostini

Special thanks to Lake Committee Chairman Duncan MacInnes, and his wife Zayda, for their help in providing On-The-Water monitoring assistance, on the morning of September 27th.

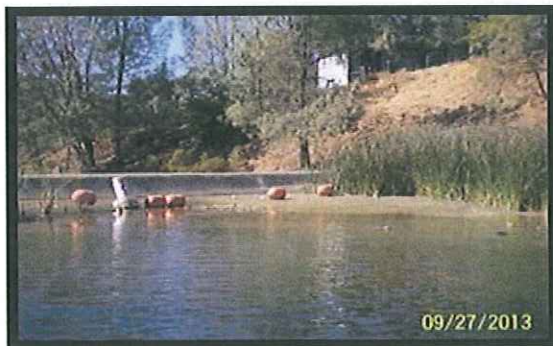


The following observations are intended as a *SNAPSHOT* of conditions on and around our Lake.

9.30.13 Observation Summary

- Our Lake's water has now dropped to **-42"** below Full Pool. This is a recent record for our data going back to 2007. The declining water levels are very noticeable especially in our shallower locations with gradual sloping shorelines as pictured above.
- Our Lake's water clarity has also dropped in the past few weeks to a depth of **14'** with more suspended Algae present throughout the Lake.
- The temperature of the top layer of our Lake's water continues to cool down and now stands at an average surface temperature of **69.6°**. Here are the conditions recorded on 9.27.13:

Average Surface Temp: 69.6° Water Clarity: 14' Lake Level: -42"



Tules growing in exposed Spillway sediment



Marina Cove and our Lake's receding water

Maintenance Requests by Location

9.30.13

Dam: Since water really isn't reaching the Dam's spillway anymore, now would be an ideal time to cut some of the Tules growing in this area in an effort to improve the flow of water later this winter.

Little Beach:

- The water within the swim area is now receding noticeably each week. Currently, most of the original swim area is now dry. **If these swim area ropes could be repositioned every August, so that they extend further out into the Lake, our residents would really appreciate it.**

Marina: Marina Courtesy Pier: (Safety concern)

- **Marina Launch Ramp (Below Water Line): Needs to be cleaned regularly. There is a buildup of algae and sediment making the surface very slick.**

North Shore Park:

- **Dog Waste Bags:** More are needed in the waste bag dispenser.
- **Dead Digger Pine:** There's a dead pine tree near the top of the park's path.
- **One Picnic Bench sits in the flood plain:** This bench will need to be moved further back up onto the beach before our Lake fills to Full Pool.

SolarBees: 3 of our 4 SolarBees were found to be only spinning partially (180 degrees).

SolarBees

SolarBee 'A' (North Cove):	Center Impeller Rotation Speed = 60 RPM's *
SolarBee 'B' (Off Marina Cove):	Center Impeller Rotation Speed = 64 RPM's
SolarBee 'C' (Big Beach/South Cove):	Center Impeller Rotation Speed = 58 RPM's *
SolarBee 'D' (Near Dam):	Center Impeller Rotation Speed = 58 RPM's *

- * **SolarBees that were found intermittently spinning half way (180 degrees) before reversing back again. This condition seemed to last for about 30 seconds or more on each unit.**

The center Impeller's Rotational Speed should operate between **55** and **85 RPM** in clear skies and good sunlight. The Flag Indicator on the Impeller Shaft should also spin in a clockwise direction. (SB10000HW v18 SolarBee Owner's Manual)

Lake Water Observations

Average Surface Temp: 69.6° Water Clarity: 14' Lake Level: -42"

9.27.13 Weather Conditions @ 10:00 am

Air Temp. : 55° Humidity: 44% Winds: ENE @ 2 mph
 WX: Clear Lake Surface: Smooth @ 10am, Small waves by 11am

Moon Phase: Third Quarter (September 27th to October 4th)

Water Temperatures

	<u>Surface</u>	<u>- 5'</u>	<u>- 10'</u>	<u>- 15'</u>	<u>- 20'</u>	<u>- 25'</u>	<u>- 30'</u>	<u>- 35'</u>	<u>- 40'</u>	<u>- 45'</u>	<u>- 50'</u>
Big Beach	69.8°	69.5°	69.2°	69.1°							
Dam (Off 50 Yards) <i>(Near SolarBee D)</i>	69.6°	69.4°	69.2°	69.1°	69.0°	66.7°	54.8°	52.6°	50.2°	49.7°	49.6°
Lake Center (Silvey)	69.5°	69.2°	69.1°	69.0°	69.0°	63.7°	54.7°	52.2°	49.8°		
Little Beach	69.5°										
Marine View Creek	69.4°	69.1°	69.0°	69.0°	68.9°	65.5°	54.0°				
North Shore Point	69.7°	69.2°	69.1°	69.1°	69.2°	66.8°	54.2°	52.2°			
SE Shoreline (Tintorri)	69.8°	69.3°	69.2°	69.1°	69.1°	66.5°	54.7°				

Average Surface Temp: 69.6°

	<u>The Maximum Temp at - 5':</u>		<u>The Minimum Temp at - 30':</u>		<u>Water Clarity Depth:</u>	
09/27/13	69.5°	- 9.1°	54.0°	+2.0°	14.0'	- 6.5'
08/27/13	78.6°	- 3.7°	52.0°	+1.5°	20.5'	+4.3'
07/25/13	82.3°	+2.3°	50.5°	0.0°	16.5'	+0.3'
07/17/13	80.0°	- 3.5°	50.5°	+0.4°	16.2'	+3.2'
07/03/13	83.5°	+8.7°	50.1°	- 0.1°	13.0'	- 3.0'
06/26/13	74.8°	+0.5°	50.2°	+0.3°	16.0'	+1.0'
06/19/13	74.3°	- 1.7°	49.9°	+0.6°	15.0'	+1.0'

Lake Water Clarity [Seechi Disc] Measurements

09/27/13

<u>Overall Water Clarity:</u> (6 Locations)	14.0'
Big Beach	14.0'
Dam (Off 50 Yards) (Near SolarBee D)	14.0'
Lake Center (Silvey)	14.0'
Marine View Creek	14.0'
North Shore Point	14.0'
SE Shoreline (Tintorri)	14.0'

Creek & Stream Inflows

Coyote Creek:	Dry
Little Beach (Perennial):	Flowing Slightly
Marine View Creek:	Dry
Marina Cove (Perennial):	Flowing
North Cove Channel:	Flowing

Spillway: Lake Water Level on 9.30.13: (Approximately -42" below Full Pool)

- The Lake Level fell below Full Pool on 04.18.13.
- The Lake Level rose to Full Pool on 11.30.12.
- The approximate water level is measured at the west shore marker pier and within the Coyote Creek Cove when possible.
- All Safety Buoys at Spillway are in place.
(Most of them are now resting on the ground above the Lake's water level.)

Historical Perspective: Autumn Lake Levels

Based upon our Lake Committee's Lake level data from 2007 to date, here is approximately where our Lake's water level currently stands in inches below Full Pool (*when compared with each year's lowest level*):

2013: -42 inches
2012: -39 inches
2011: -31 inches
2010: -33 inches
2009: -36 inches
2008: -38 inches
2007: -38 inches

The Pond below the Dam

<u>Water Temperatures:</u>	<u>Surface</u>	<u>- 5'</u>	<u>- 10'</u>	<u>- 15'</u>	<u>- 20'</u>	<u>- 25'</u>
09/28/13	68.7°	64.9°	64.7°	64.6°	61.5°	58.2°
08/23/13	79.9°	75.4°	73.8°	68.5°	58.8°	56.9°
07/18/13	80.2°	76.2°	70.8°	64.3°	57.7°	55.5°
07/03/13	86.7°	77.0°	69.8°	63.8°	57.0°	55.1°
06/18/13	74.8°	72.8°	70.3°	62.7°	56.1°	54.6°

Water Clarity [Secchi Disc] Measurements: 09/28/13

6.0'

Recreational Water Sampling

California Water Quality Testing (Title 22) and Recreational Water Safety (Bacti) Sampling:

- CSD will now conduct Title 22 water Sampling and Testing on a three year cycle at three locations: At Marina; off Marine View Runoff Channel; and in Mouth of Coyote Creek. The next scheduled Title 22 Sampling will occur in 2013.
- CSD began conducting their weekly Bacti water sampling at Little Beach and Big Beach, for this summer, during the middle of May.

Algae & Aquatic Weeds: Current Status & Trends

As a result of our Lake's water level dropping 32" since our Aquatic Weed treatments were applied back in June, a few patches of mostly brown American Pondweed can now be seen appearing at the surface. A lot of what's being seen never fully broke down after the treatments were applied, and will die back and break down in the colder waters of November & December.

Levy Cove: (This area lies outside of our established Aquatic Weed treatment zones.)

- There are a couple of patches of American Pondweed that have appeared near the eastern and western edges of Levy Cove. This section is very shallow and currently contains around 3' to 5' of water. Even though this area is part of our untreated fish habitat zone, these weeds still turned brown after the Lake's treatments were applied.

Marina Cove:

- A small patch of American Pondweed is currently located on the south end of the Cove.

North Cove:

- Due to the average depth of water in this area, which is around 2' deep, we are seeing some patches of American Pondweed reach the surface just to the east of Little Beach.

Southeast Shoreline / Flats:

- There is currently a section between SolarBee C and the South Cove where a long strip of American Pondweed has reached the surface. This is an area where the depths are around 4' to 6' and approximately 30 yards off shore. The western edge of this patch has now moved into the eastern side of the Big Beach swim area.

Algae formation on the South & Southeast Shorelines:

- The Algae, previously reported along the southeast shoreline, has been breaking down over the past couple of weeks. There are still a few stretches of shoreline where Algae can be seen extending outward by about 5', especially within the Big Beach Cove.

Non-Native weed treatments

Planned Spray (non-Fish Habitat) Areas (North Shore Point north to Little Beach to North Cove; south along NE shoreline to Marina; Marina Cove west along SE shoreline to point at South Cove; and at Big Beach):

- The 1st Aquatic Weed treatment of 2013 occurred on June 12th.

Eurasian Water Milfoil:

- A few small plants can be seen along the shoreline against the North Shore Park pier.

Primrose: We don't treat the Lake for this Aquatic Weed.

- At present, Primrose can be seen growing in many locations around the shoreline. This weed grows at the shoreline in patches and currently extends outward by about 5 to 20 feet.

Tules, Cattail, and possibly Bulrush, or Reed Grass: Tall green shoots are seen around our shoreline. The Cattails, growing in the Coyote Creek Cove, are starting to turn brown for the fall.

Water Lilies: Now that most of the Coyote Creek Cove is dry, this Aquatic weed won't be seen again until next spring.



Observations by Location

9.27.13 Update

Lake Surface (103 Acres):

Water Clarity, when measured over 6 locations, is currently at a depth of 14'.

Marina conditions: Offshore

- Some American Pondweed is starting to reach the surface in the shallowest areas where there is only a couple of feet of water; just to the south of the Launch Ramp.
- The patches of Algae, seen next to the Old Rental Pier, have been breaking up and dissipating.

Marina Parking Lot: Clean

Marina Park area: Clean

Marina's New Rental Pier: Clean

Marina's Old Rental Pier: Clean.

Marina Courtesy Pier: Clean & Secure

Marina Launch Ramp: Clean above the water.
Below the water, the ramp's surface is very slick with Algae.

Marine View Creek (annual): *Dry*
Offshore Conditions: Very Clean

North Cove: Run-Off Channel: *Flowing*

Offshore Conditions:

- **This area has now become very shallow with depths averaging around 2 feet.**
- Within these shallow waters, there are some patches of American Pondweed that have now reached the surface.
- The condition of this Pondweed is mostly brown and slow growing.

Little Beach: *Perennial Creek: Flowing (Slightly)*

- People present: None @ 10:45am on 9.27.13
- Children's Swim Ropes (Lane Lines) remain clean and in place for restricted swimming.
 - The water within the swim area is now receding noticeably each week. Currently, most of the original swim area is now dry.
 - **If these swim ropes could be repositioned, so that they extend further out into the Lake every August, our residents would really appreciate it.**
- 3 outer "Swim Area" warning Buoys remain in place.
- Our Beach sand is currently clean and smooth.
- **Water Conditions: Clear**

North Shore Park: People present: None @ 11:00am on 9.27.13

- The sand on the beach is clean and free of trash. **(The shoreline has eroded and needs to be refurbished.)**
- **Dog Waste Bags: These need to be restocked.**
- **Dead Digger Pine: There's a dead pine tree next to the top of the park's path.**
- **One Picnic Bench sits in the flood plain: This bench will need to be moved further back up onto the beach before our Lake fills to Full Pool.**

Offshore Conditions:

- A few remnants of Pondweed were seen out beyond North Shore Park's beach.
- A few Eurasian Water Milfoil plants remain next to the Pier's entrance.

North Shore Park Fishing Pier: Mostly Clean and Secure. I did find some otter skat.

- People present: None @ 11:00am on 9.27.13

Coyote Creek: *Dry*

- The Coyote Creek Cove filled with water on 11.29.12 as the Lake approached Full Pool.
- The top of the NE-side silt berm buildup has been above water since just before Memorial Day, when the Lake level dropped 8" below Full Pool.
- *Our current Lake level of -42", has left the Cove with very little water as the ever-growing sediment berm now extends outward to just before the mouth of the Cove.*
- The depths of the channel, to the left (southwest side), is now dry.
- Some Primrose is growing around the edges of Coyote Creek Cove.
- Cattails along the NE side of the channel are now beginning to turn brown for fall.

Dam / Spillway: No Squirrels were seen on the Dam on 9.27.13.

Western Littoral / Levy Cove: (*This area falls outside our Lake's Aquatic Weed treatment zone.*)

Offshore Conditions:

- The cove happens to be fairly clear of Aquatic Weeds. However, there are a few sizeable patches of American Pondweed along the Cove's outer edges in areas containing about 3 feet of water.
- The condition of this Pondweed is mostly brown and slow growing.

Big Beach:

- People present: none @ 11:45pm on 9.27.13
- 4 outer "Swim Area" warning Buoys remain in place.
- Our Beach sand is currently clean.
- The Algae previously reported just to the west has been dissipating rapidly.
- Some Pondweed is now growing on the east side of the swim area.

Big Beach Diving Platforms: *Need cleaning. I will continue to report on their condition through October.*

Big Beach Cove Fishing Pier: Clean.

Offshore Conditions:

- The Algae previously reported in the cove has been dissipating rapidly and breaking apart.
- A few remnants of Pondweed can also be seen growing.

Big Beach Park:

- Clean

South Cove:

Offshore Conditions:

- The Algae previously reported in the cove has been dissipating rapidly and breaking apart.
- A few sizeable & long patches of Pondweed can also be seen just to the south of SolarBee C. This Pondweed is mostly brown in appearance and has reached the surface now that our Lake has dropped 32" since our Aquatic treatments were applied on June 12th.

Marina Cove: Main Perennial Creek: *Flowing*

Offshore Conditions: Mostly Clean with a small section of Pondweed on the south end.

Lake Birds: 9.27.13

22 Canadian Geese

4 Mallard Ducks

1 Western Grebe

[http://www.allaboutbirds.org/guide/Western Grebe/id](http://www.allaboutbirds.org/guide/Western_Grebe/id)

Lake Fish

Visual Sightings: [Small = <12"; Medium = 12" to 24"; Large = >24"]

Small Fish: Numerous small schools were seen around the Lake on 9.27.13.

Medium Fish: A few were seen within the Marina on 9.27.13.

Our next Lake Committee meeting:

Wednesday, October 2nd @ 6:30 p.m. in HVLA's Activity Center

Sincerely,

Steve D'Agostini

dagostini18367@att.net

707-987-8747

2013 Lake Committee Member

The Press Democrat

Wastewater lawsuit ruling to cost Petaluma

By LORI A. CARTER THE PRESS DEMOCRAT on October 9, 2013, 4:38 PM

A Sonoma County judge has ruled that Petaluma must reimburse its wastewater fund as much as \$2.1 million that it improperly used to pay for storm-drain maintenance over a three-year period.

An exact repayment figure hasn't been determined, but Petaluma City Attorney Eric Danly estimated it may be closer to \$1 million once additional evidence is presented.

Bryant Moynihan, a former city councilman who routinely questions the way the city budgets its money, in particular its wastewater funds, said the full amount misspent is far larger — \$6.1 million in all.

In a split ruling, Judge Gary Nadler determined last month that Petaluma had been incorrectly funding some storm-water management functions with money from ratepayers' bills, as Moynihan argued. But he also said some of the claims were too old to consider.

The sides will meet Thursday with Nadler to set an evidentiary hearing to determine exactly how much Petaluma should reimburse its wastewater fund.

Exactly where the money would come from is undetermined, Danly said, but it could be the city's general fund, which pays for most city functions including salaries and benefits.

Moynihan filed the lawsuit in January 2012. He argued that since 2004 the city wrongfully diverted \$6.1 million from the wastewater fund, which comes from ratepayers' bills, and spent it some stormwater management, a general fund expenditure.

He wanted the city to repay the wastewater fund and pay his attorneys' fees.

The city has argued that diverting stormwater from the wastewater system provides at least an indirect benefit to the wastewater fund because diverted rainwater doesn't have to be treated at the city's sewer plant, thus saving taxpayers money.

But court rulings have said that if a benefit isn't tied directly to the fund, fees or taxes to pay for it must be approved by voters.

Last year, the city conceded some of its spending was improper.

Moynihan contends the spending violates a number of laws and creates an illegal utility tax.

Danly said it was important that Nadler determined that the way the city began calculating its sewer rates in late 2011 is legal.

Nadler also determined that the city's calculation of certain stormwater management expenses — called inflow and infiltration avoidance costs — are legitimately charged to the wastewater fund.

The judge said the city's wastewater rates were commensurate with the cost to provide service.

Danly said the city plans to present “refined” evidence that could reduce the amount the judge orders Petaluma to reimburse the wastewater fund to about \$1 million, or about \$300,000 for the three years the order covers.

Current sewer rates won’t change as a result of the ruling, Danly said.

Moynihan said the ruling was a victory for ratepayers, although he called for more.

“If the Petaluma City Council and administration has integrity and ethics, they would return the full \$6.1 million they have taken from the sewer enterprise fund,” he said. “The City Council will have wasted hundreds of thousands of dollars in legal costs in a foolish attempt to defend their illegal activities. Only the lawyers are getting rich.”

(You can reach Staff Writer Lori A. Carter at 762-7297 or lori.carter@pressdemocrat.com.)

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(You can reach Staff Writer Lori A. Carter at 762-7297 or lori.carter@pressdemocrat.com.)

• Wednesday, October 2, 2013

• Lake County Record-Bee

Sewer rate increase postponed

Patrick P. Nunes

Correspondent

LAKEPORT —

Lakeport residents will experience a six-month delay in monthly sewer service charge increases as a result of a unanimous vote from the Lakeport City Council, which also operates under the auspices of the City of Lakeport Municipal Sewer District. Public Works Director Mark Branigan introduced the resolution which allows the rates to be adjusted on July 1, 2014.

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Fracking wastewater contaminated— and likely radioactive

Douglas Main, LiveScience

4 hours ago

Hydraulic fracturing, or fracking, extracts oil and gas from deep underground by injecting water into the ground and breaking the rocks in which the valuable hydrocarbons are trapped. But it also produces wastewater high in certain contaminants — and which may be radioactive.

In a study published Wednesday in the journal *Environmental Science and Technology*, researchers found high levels of radioactivity, salts and metals in the water and sediments downstream from a [fracking](#) wastewater plant on Blacklick Creek in western Pennsylvania.

Among the most alarming findings was that downstream river sediments contain 200 times more radium than mud that's naturally present upstream of the plant, said Avner Vengosh, a co-author of the study and a professor of geochemistry and water quality at Duke University. [Radium](#) is a radioactive metal naturally found in many rocks; long-term exposure to large amounts of radium can cause adverse health effects and even diseases such as leukemia. [5 [Everyday Things that Are Radioactive](#)]

Contaminated waters

The concentrations of radium Vengosh and his team detected are higher than those found in some radioactive waste dumps, and exceed the minimum threshold the federal government uses to qualify a disposal site as a radioactive dump site, Vengosh told LiveScience. While the Josephine Brine Treatment Facility removes some of the radium from the wastewater, the metal accumulates in the sediment, at dangerously high levels, he added. Radium can make its way into the food chain by first accumulating in insects and

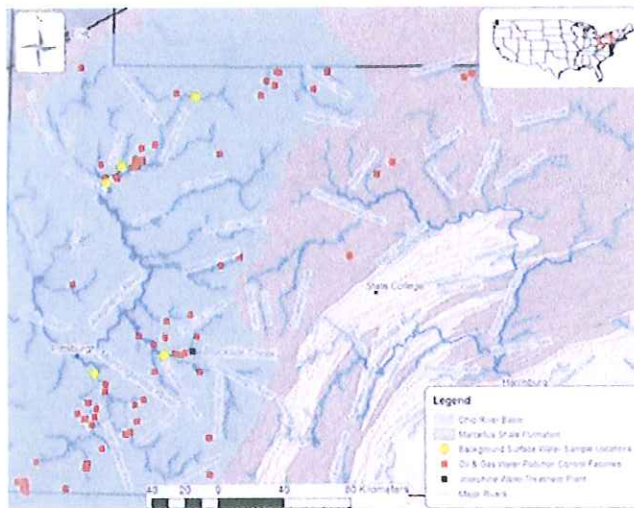


Melanie Blanding

This water was contaminated by fracking operations in Pennsylvania.

small animals, and then moving on to larger animals, like fish, when they consume the insects and smaller animals, Vengosh added. But it's not known to what extent this is happening, since this study didn't address that question, he said.

For two years, the team monitored sediments and river water above and below the treatment plant, as well as the discharge coming directly from the plant, for various contaminants and levels of radioactivity. In the discharge and downstream water, researchers found high levels of chloride, sulfate and bromide.



Warner et al / Environmental Science and Technology

Plants that treat oil and gas wastewater are shown in red. The Josephine water treatment plant is shown in black.

Levels of salinity in the plant's discharge were up to 200 times higher than what is allowed under the Clean Water Act — and 10 times saltier than ocean water, Vengosh said. But **fracking wastewater** is exempt from that law, Vengosh said.

The high bromide concentrations that were found were particularly concerning, since bromide can react with chlorine and ozone — which is used to disinfect river water and produce drinking water — to yield highly toxic byproducts. But there's no direct evidence that this has happened yet, Vengosh said.

Several of these contaminants, particularly radium and bromide, may be present in high enough concentrations to cause harm to human health and the environment, but that wasn't addressed in this study, Vengosh said.

'Alarming'

"The occurrence of radium is alarming — this is a radioactive constituent that is likely to increase rates of genetic mutation" and poses "a significant radioactive health hazard for humans," said William Schlesinger, a researcher and president of the Cary Institute of Ecosystem Studies, in Millbrook, N.Y., who wasn't involved in the study.

Researchers say they are sure the **contaminants are coming from fracking** because the Josephine facility treats this oil and gas wastewater, and the water contains the same chemical signature as rocks in the **Marcellus Shale Formation**, Vengosh said. This wastewater is often called "flowback," as it's the water that flows

back to the surface from underground after being injected into rocks in the fracking process.

In Pennsylvania, some of this water is transported by oil and gas companies to treatment locations such as the Josephine facility, where it is processed and released into streams and rivers. However, much of the water used in fracking is treated by oil and gas companies and reused, or injected into deep wells, said Lisa Kasianowitz, an information specialist at the Pennsylvania Department of Environmental Protection (DEP).

The treatment facility did remove some contaminants, including some of the radium, though enough made it through to accumulate in high levels in sediments, Vengosh said. It also "did nothing" to remove certain salts, like bromide, he said. Traditional wastewater plants are not built to remove these contaminants, he added.

The study "really seals the verdict that it's flowback waters that are contaminating the streams," Schlesinger told LiveScience.

The Pennsylvania DEP confirmed that the Josephine facility is accepting and discharging "conventional oil and gas wastewater in accordance with all applicable laws and regulations," Kasianowitz said.

Vengosh said that the research suggests that similar contamination may be happening in other locations with discharge of fracking wastewater throughout the Marcellus Shale formation, which underlies parts of Pennsylvania, New York and Ohio.

latimes.com/local/la-me-poll-water-20130930,0,2154381.story

latimes.com

USC DORNSIFE / TIMES POLL

Californians want water issues fixed but not enough to pay for it

Voters acknowledge serious water supply problems but balk when told the multibillion-dollar price tags to address them, poll finds.

By Bettina Boxall

5:00 AM PDT, September 30, 2013

Californians say the state's water supply system has serious problems that require improvement, but they are unwilling to spend billions of dollars in ratepayer and taxpayer funds on the task, according to a new USC Dornsife/Los Angeles Times poll. advertisement

The results suggest an uphill fight for proponents of a state water bond and for a proposal to replumb the Sacramento-San Joaquin Delta, the transfer point for Northern California supplies delivered to the San Joaquin Valley and urban Southern California.

Reluctance to pay for big public works projects was reflected throughout the survey, which also questioned voters on the California prison system and the high-speed rail project.

"On all three of these issues voters have very clear concerns and want to see something done — until they see the price tag," said Dan Schnur, director of USC's Jesse M. Unruh Institute of Politics.

In initial questioning, 60% of those polled said they would favor a bond to finance statewide water improvements such as levee repair and groundwater cleanup. But when told the bond would require the state to borrow \$5 billion to \$6 billion, support plunged to 36%.

Slightly more than half, 51%, of those surveyed said they favored the delta proposal — until they learned it would cost \$25 billion in ratepayer and government funds. Then only 36% said they would support it.

Pollsters said the flip in support demonstrated two things: Voters continue to have serious pocketbook concerns as the state crawls out of recession, and most Californians don't think the state's water problems are urgent.

"You turn on your faucet and the water comes out. They don't see an immediate problem," said David Kanevsky of American Viewpoint, the Republican half of a bipartisan pair of polling firms that [conducted the survey](#) for the USC Dornsife College of Letters, Arts and Sciences and the Los Angeles Times.

A statewide vote on the water bond, which was originally set at \$11 billion, has been postponed several times as legislators whittle down the amount and wait for the economy to improve. They are still drafting the latest version, which is scheduled to go on the ballot next year and is expected to be about half its initial size.

The delta proposal, backed by Gov. Jerry Brown's administration, is for a smaller, subterranean version of the peripheral canal that voters quashed in 1982. It calls for the long-term restoration of more than 100,000 acres of delta habitat and construction of a new, north delta diversion point on the Sacramento River that would feed two 30-mile tunnels carrying water to existing export facilities in the south delta.

San Joaquin Valley irrigation districts and the Metropolitan Water District of Southern California say the project is necessary to halt cuts in water deliveries that have been imposed to protect imperiled native fish in the delta.

The poll found that support for the project was strongest in Los Angeles County. But the survey findings did not strictly hew to the north-south lines that typically divide California on water issues.

More than half of those surveyed in the San Francisco Bay region also favored the delta proposal before they were told the cost. (In both areas, support dropped to well below half when cost was included in the question.)

Opposition was greatest in the north half of the state outside of the Bay Area. It was also strong in the San Joaquin Valley — even though valley agricultural interests have been some of the tunnel proposal's biggest proponents.

"I think there is an ideologic and partisan component to this," said Drew Lieberman of the Democratic polling firm Greenberg Quinlan Rosner Research. He noted that Republicans were more opposed to the bond borrowing and tunnel project than Democrats.

Mark Kettlewell, who lives in the San Diego suburb of Santee, was against both the delta plan and the water bond. "It's just giving them money which we'll be paying off and my children will be paying off forever," said Kettlewell, 57.

He was among the 42% of respondents who characterized the state's water situation as a major problem. An additional 21% said it was a crisis.

He was also among the 81% who said they have changed their household habits to reduce water use. Sixty-three percent of those surveyed said they were watering their lawns less, and nearly a quarter said they had removed lawns and replaced them with drought tolerant plants.

"I've done everything I can," said Kettlewell, who got rid of his grass because his water bill keeps going up.

On a regional level, Central Coast residents were the most likely to have removed their lawns, and those living in the Central Valley were the least likely.

The poll findings are based on a random telephone survey of 1,500 registered California voters. The survey was conducted from Sept. 18 to 24 and has a margin of sampling error of plus or minus 2.9 percentage points.

Respondents' top water priority was ensuring a long-term, reliable supply, followed by keeping water costs down, and conserving fish and wildlife habitat. Increasing the state's water supply ranked lowest, with only 9% naming that as the most important.

Tommy Sober, 32, who lives in the Sacramento County town of Orangevale and described himself as an avid fisherman, picked habitat conservation as his top goal. "I'm not like an environmentalist. I just think it's getting out of hand with diverting water all over the place," he said. "There's just got to be a better way of managing water."

Most of those surveyed were satisfied with the cleanliness and availability of water in their homes. And that, pollsters said, is why voters are reluctant to spend billions on water projects.

"People understand it's a problem," Lieberman said. "But they're not feeling it in their day-to-day lives."

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Popular bathroom wipes blamed for sewer clogs

By CAROLYN THOMPSON, Associated Press

Updated 9:09 am, Monday, September 23, 2013

BEMUS POINT, N.Y. (AP) — Increasingly popular bathroom wipes — pre-moistened towelettes that are often advertised as flushable — are being blamed for creating clogs and backups in sewer systems around the nation.

Wastewater authorities say wipes may go down the toilet, but even many labeled flushable aren't breaking down as they course through the sewer system. That's costing some municipalities millions of dollars to dispatch crews to unclog pipes and pumps and to replace and upgrade machinery.

The problem got so bad in this western New York community this summer that sewer officials set up traps — basket strainers in sections of pipe leading to an oft-clogged pump — to figure out which households the wipes were coming from. They mailed letters and then pleaded in person for residents to stop flushing them.

"We could walk right up, knock on the door and say, 'Listen, this problem is coming right from your house,'" said Tom Walsh, senior project coordinator at South & Center Chautauqua Lake Sewer Districts, which was dispatching crews at least once a week to clear a grinder pump that would seize up trying to shred the fibrous wipes.

The National Association of Clean Water Agencies, which represents 300 wastewater agencies, says it has been hearing complaints about wipes from sewer systems big and small for about the past four years.

That roughly coincides with the ramped-up marketing of the "flushable cleansing cloths" as a cleaner, fresher option than dry toilet paper alone. A trade group says wipes are a \$6 billion-a-year industry, with sales of consumer wipes increasing nearly 5 percent a year since 2007 and expected to grow at a rate of 6 percent annually for the next five years.

One popular brand, Cottonelle, has a campaign called "Let's talk about your bum" and ads showing people trying to wash their hair with no water. It ends with the tagline: "You can't clean your hair without water, so why clean your bum that way?"

Manufacturers insist wipes labeled flushable aren't the problem, pointing instead to baby and other cleaning wipes marked as nonflushable that are often being used by adults.

"My team regularly goes sewer diving" to analyze what's causing problems, said Trina McCormick, a senior manager at Kimberly-Clark Corp., maker of Cottonelle. "We've seen the majority, 90 percent in fact, are items that are not supposed to be flushed, like paper towels, feminine products or baby wipes."

Wastewater officials agree that wipes, many of which are made from plastic, aren't the only culprits but say their problems have escalated with the wipes market.

Vancouver, Wash., sewer officials say wipes labeled as flushable are a big part of a problem that has caused that city to spend more than \$1 million in the last five years replacing three large sewage pumps and eight smaller ones that were routinely clogging.

To prove their point, they dyed several kinds of wipes and sent them through the sewer for a mile to see how they would break up. They didn't.

Those labeled flushable, engineer Frank Dick said, had "a little rips and tears but still they were intact."

The Washington Suburban Sanitary Commission, which serves Montgomery and Prince George's counties in Maryland, has also spent more than \$1 million over five years installing heavy-duty grinders, while the Orange County, Calif., Sanitation District, in a single year recorded 971 "de-ragging" maintenance calls on 10 pump stations at a cost of \$320,000.

Clogging problems in Waukesha, Wis., prompted the sewer authority there to create a "Keep Wipes out of Pipes" flier. And Ocean City, Md., and Sitka, Alaska, are among cities that have also publicly asked residents not to flush wipes, regardless of whether they are labeled flushable.

The problem got worldwide attention in July when London sewer officials reported removing a 15-ton "bus-sized lump" of wrongly flushed grease and wet wipes, dubbed the "fatberg."

The complaints have prompted a renewed look at solving the problem.

The Association of the Nonwoven Fabrics Industry, the trade group known as INDA, recently revised voluntary guidelines and specified seven tests for manufacturers to use to determine which wipes to call flushable. It also recommends a universal do-not-flush logo — a crossed-out stick figure and toilet — be prominently displayed on non-dispersible products.

The wastewater industry would prefer mandatory guidelines and a say in what's included but supports the INDA initiatives as a start. Three major wastewater associations issued a joint statement with INDA last week to signal a desire to reach a consensus on flushability standards.

"If I'm doing the test, I'm going to throw a wipe in a bucket of water and say it has to disintegrate," said Rob Villee, executive director of the Plainfield Area Regional Sewage Authority in New Jersey.

Nicholas Arhontes, director of facilities support services in Orange County, Calif., has an even simpler rule for what should go down the toilet.

"Only flush pee, poop and toilet paper," he said, "because those are the only things that sanitary sewers were really designed for in the old days."

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Hinkley panel resists PG&E change to replacement water guidelines

sbsun.com

HINKLEY >> The Community Advisory Committee here opposes a request by Pacific Gas & Electric Co. to change the whole house replacement water policy in the wake of the first-of-its-kind proposed drinking water standard for chromium-6.

Last year, PG&E voluntarily introduced what it calls “an unprecedented program” that offers a sophisticated treatment system to remove chromium-6 from residential wells on individuals’ residential lots.

Hinkley residents could participate in this program if their homes were within a mile of the chromium-6 plume boundary and their wells had any detection of chromium-6, a known carcinogen

On Aug. 23, the state of California issued a proposed chromium-6 drinking water standard of 10 parts per billion, which may take as long as two years to become the legal standard. The adopted legal limit for chromium-6 — the first in the nation — may or may not be the current proposal of 10 parts per billion.

Going forward, PG&E has asked the Lahontan Regional Water Quality Control Board to eliminate the one-mile buffer zone and require that future whole house water replacement system participants live within the plume boundary and that their domestic water well have a chromium-6 detection level above 3.1 parts per billion.

Residents currently eligible for the water filtration program will not be affected by the changes, PG&E says.

In a letter to Patty Kouyoumdjian, Lahontan water board executive officer, the Hinkley Community Advisory Committee noted that last year PG&E stated that the whole house water system will be offered in its current fashion until that state of California has adopted a Chromium-6 drinking water standard for California or for a period up to five years.

“It has been only 14 months since the (whole household water replacement) program was ordered and the state has only released a draft drinking water standard ...which could change before the state adopts the standard,” the letter said.

Lester White, a long-time member of the Community Advisory Committee, which represents the community in dealings with water regulators and PG&E, said the whole house water replacement agreement, which became a board order, made no mention of possible revisions to the program during the period when a draft drinking water standard is being evaluated.

The public comment period for PG&E’s proposed change closes on Oct. 21. At that point, Kouyoumdjian and her advisory team will either make a decision or make a recommendation

that the board make a decision at a meeting early next year, said Lauri Kemper, assistant executive officer for the Lahontan water board.

During the 1950s and early 1960s, PG&E used chromium-6 to protect the metal of its cooling towers used to keep natural gas flowing at its Hinkley compressor station.

Periodically the cooling tower liquids, including chromium-6, were dumped into unlined ponds, where chromium-6 seeped through the soil and entered the large underground water supply beneath Hinkley.

The resulting contamination plume is believed to be more than seven miles long and two miles wide.

Despite weekend rains, so far, 2013 is driest year in Bay Area history

By Paul Rogers progers@mercurynews.com San Jose Mercury News
Posted:

ContraCostaTimes.com

The storm that dampened the Bay Area over the weekend was like an old friend who doesn't visit much anymore.

And with good reason. Despite Saturday's healthy soaking, when it comes to 2013, it's been dry. Record dry.

Even including Saturday's showers, the Bay Area has received less rain this year from Jan. 1 to mid-September than during any year in recorded history, back to the Gold Rush.

Through Sunday, only 3.94 inches of rain had fallen since New Year's Day in San Francisco, which has the oldest rain gauge west of the Mississippi, dating back to 1850. San Jose and Oakland also are seeing record dry years for 2013 so far.

But as dire as that seems, meteorologists say it's not as bad as it looks.

"Don't panic yet," said Bob Benjamin, a forecaster with the National Weather Service in Monterey. "It has been dry, but we need to look at all the winter rain from the end of last year to put it in perspective."

Northern California has a Mediterranean climate, which means dry summers and mild, wet winters most years. Last November and December, it rained 50 percent more than normal across the Bay Area. Those early winter storms filled reservoirs and recharged underground aquifers.

So when the rains stopped in January, water districts had enough in storage so that no Bay Area community had mandatory rationing over the summer.

"It's been a bone-dry year. We have noticed. But we're not concerned right now because our reservoirs are in good shape," said Abby Figueroa, a spokeswoman for the East Bay Municipal Utility District, which provides drinking water to 1.3 million people in Alameda County and Contra Costa County.

The district's reservoirs are 71 percent full.

It's a similar story in San Francisco and the Peninsula. Residents there receive Hetch Hetchy water, and that reservoir in Yosemite National Park is 77 percent full.

In Silicon Valley, the 10 reservoirs operated by the Santa Clara Valley Water District are 43 percent full, but that's in part because five of them can't be filled to the top until seismic upgrades are done. The district has two years' supply for its 1.8 million customers stored in underground aquifers.

Still, say water experts, the upcoming rainy season is important. If the super-dry spell continues, mandatory water restrictions are likely next summer.

"If we still haven't had much rain by March or April, then we'll definitely be talking about it," Figueroa said.

Early signals aren't great: Water temperatures in the Pacific Ocean are normal now, not warmer than normal, which would indicate an El Niño year on the way. And El Niño years often mean wet winters in Northern California. The chance of an El Niño developing through Dec. 31 is only 6 percent, according to climate scientists at the National Oceanic and Atmospheric Administration. In other words, "La Nada."

"We're not seeing much of a trend at all," said Michelle L'Heureux, a meteorologist with NOAA's Climate Prediction Center in College Park, Md.

When it comes to Bay Area rainfall so far in 2013, records are falling.

During 1998 -- the wettest year in the 163-year history of record-keeping -- more than 9 times as much rain fell from Jan. 1 to Sept. 21, a staggering 35.74 inches, as fell this year so far. This year's paltry total is only 29 percent of the historic average for that period, 13.79 inches.

The dry 2013 has meant tough times for Central Valley farmers who rely on water from the Delta. Pumping there has been reduced by federal and state agencies this year because of the arid spring.

But in Santa Clara County, most farmers are OK, said Jennifer Scheer, executive director of the Santa Clara County Farm Bureau in Morgan Hill. That's because they pump water from underground and don't rely much on the Delta. Yet ranchers are feeling the pinch, she said.

"It didn't rain enough to grow as much grass this year as they would like," she said. "So ranchers had to sell off cows earlier or spend more money buying hay."

Most water districts and meteorologists measure each rain season from July 1 to June 30 -- rather than by calendar year -- to include all the winter rains in the yearly total. When the past year is looked at over that time period, San Francisco received 16.61 inches of rain. That ranks 43rd among driest years back to 1850, and is nowhere near as bad as the driest year, 1975-76, when just 7.19 inches fell.

Some weather experts don't even like to talk about rainfall from Jan. 1 onward.

"It's nonsense. It's like redefining a baseball game from what happened after the fifth inning," said Jan Null, a meteorologist with Golden Gate Weather Services in Saratoga.

Like other forecasters, Null said he has no idea whether this winter will bring needed storms.

"I've never seen any skill in long-range weather forecasting, anything out past a month," he said, laughing. "If somebody could do that accurately, they'd be richer than Bill Gates and Warren Buffett combined."

Paul Rogers covers environmental issues and resources. Contact him at 408-920-5045.
Follow him at [Twitter.com/PaulRogersSJMN](https://twitter.com/PaulRogersSJMN).



Antibacterial products fuel resistant bacteria in streams and rivers

September 19th, 2013 in Space & Earth / Environment



[Enlarge](#)

A person washes their hands with an antibacterial soap. Credit: John Kelly

A person washes their hands with an antibacterial soap. Credit: John Kelly

Triclosan – a synthetic antibacterial widely used in personal care products – is fueling the development of resistant bacteria in streams and rivers. So reports a new paper in the journal *Environmental Science and Technology*, which is the first to document triclosan resistance in a natural environment.

Invented for surgeons in the 1960s, triclosan slows or stops the growth of bacteria, fungi, and mildew. Currently, around half of liquid soaps contain the chemical, as well as toothpastes, deodorants, cosmetics, liquid cleansers, and detergents. Triclosan enters streams and rivers

through domestic wastewater, leaky sewer infrastructure, and [sewer overflows](#), with residues now common throughout the United States.

Emma Rosi-Marshall, one of the paper's authors and an aquatic ecologist at the Cary Institute of Ecosystem Studies in Millbrook, New York explains: "The [bacterial resistance](#) caused by triclosan has real [environmental consequences](#). Not only does it disrupt aquatic life by changing native bacterial communities, but it's linked to the rise of [resistant bacteria](#) that could diminish the usefulness of important antibiotics."

With colleagues from Loyola University and the Illinois Sustainable Technology Center, Rosi-Marshall explored how bacteria living in stream and [river sediments](#) responded to triclosan in both natural and controlled settings. Field studies were conducted at three sites in the Chicago metropolitan region: urban North Shore Channel, suburban West Branch Dupage River, and rural Nippersink Creek.

Urbanization was correlated with a rise in both triclosan concentrations in sediments and the proportion of bottom-dwelling bacteria resistant to triclosan. A woodland creek had the lowest levels of triclosan-resistant bacteria, while a site on the North Shore Channel downstream of 25 combined sewer overflows had the highest levels.

Combined sewers deliver domestic sewage, industrial wastewater, and storm water to a regional treatment plant using a single pipe. Overflows occur when a pipe's capacity is exceeded, typically due to excessive runoff from high rainfall or snowmelt events. The result: untreated sewage flows directly into rivers and streams.

The research team found that combined sewer overflows that release untreated sewage are a major source of triclosan pollution in Chicago's North Shore Channel. In addition, their findings support past work that indicates sewage treatment plants can effectively remove triclosan from wastewater.

John Kelly of Loyola University Chicago, the paper's senior author, comments, "We detected much lower levels of triclosan at a site downstream of a sewage treatment facility as compared to a site downstream of combined sewer overflows. And we demonstrated a strong link between the presence of triclosan in the environment and the development of triclosan resistant bacteria."

Nearly 800 cities in the United States rely on combined sewer overflows, with the Environmental Protection Agency citing them as a major water pollution concern.

Artificial stream experiments conducted at Loyola University confirmed field findings that triclosan exposure triggers an increase in triclosan-resistant bacteria. In addition to the creation of these resistant bacteria, researchers also found a decrease in the diversity of benthic [bacteria](#) and a shift in the composition of bacterial communities. Most notable were a 6-fold increase in cyanobacteria and a dramatic die-off of algae.

Rosi-Marshall explains how these shifts could impact aquatic life, "Cyanobacteria are less nutritious than algae and can produce toxins. In triclosan-polluted streams and rivers, changes in microbial communities could negatively affect ecological function and animal communities."

The study is the latest in an ongoing effort to better understand the environmental and human health consequences of synthetic antimicrobials. Funding was provided by a grant from the Illinois Sustainable Technology Center.

More information: Triclosan Exposure Increases Triclosan Resistance and Influences Taxonomic Composition of Benthic Bacterial Communities, *Environ. Sci. Technol.*, 2013, 47 (15), pp 8923-8930. pubs.acs.org/doi/abs/10.1021/es401919k

Provided by Cary Institute of Ecosystem Studies

"Antibacterial products fuel resistant bacteria in streams and rivers." September 19th, 2013.
<http://phys.org/news/2013-09-antibacterial-products-fuel-resistant-bacteria.html>

Supervisors terminate state of local emergency at Lakeside Heights

By Berenice Quirino -- Assistant editor Record Bee
Updated:

record-
bee.com

LAKEPORT -- Both long- and short-term solutions for Lakeside Heights were presented to county supervisors Tuesday morning, after which they terminated the state of local emergency for the subdivision.

The ongoing issue with unstable land began in the spring; it has caused damage to public utilities, roads and more than a dozen homes at the Lakeside Heights subdivision in Lakeport, and it has been on a state of local emergency status since April 16.

At the regular Lake County Board of Supervisors (BOS) meeting, Department of Water Resources Director Scott De Leon said winterization of the landslide is the No. 1 priority.

"If things aren't done with this slide, it's going to end up on Hill Road," he said, which is one of the access routes to Sutter Lakeside Hospital.

Ideally, De Leon said, if homeowners volunteered their time, the county would assist with supplies necessary to protect the landslide area from rainfall during the winter months.

The county has about \$2,700-worth of plastic sheeting in stock to donate.

If the county were to provide the labor, it would cost an additional \$10,000-to-\$15,000, he said.

Supervisor Anthony Farrington, whose district includes the subdivision, said he felt uncomfortable using volunteers to do the work.

County Counsel Anita Grant said that while the plan was made the way it was to reduce costs, the BOS can have county staff do the work and handle the process as a regular nuisance abatement, but the county must replenish money so as to not be classified as a gift of public funds, as described in the California Constitution, because part of the work is on private property.

There are also two structures that threaten the winterization efforts, one of which is "right smack in the area that needs to be covered," Community Development Director Rick Coel said.

He said he is working on bids to remove the former homes, which he said will not exceed more than \$45,000, and with additional costs, including labor and recontouring, the project process is estimated to cost about \$70,000.

Mark Dellinger, administrator of monitoring activities, also presented a completed geotechnical report.

The Press Democrat

City of Ukiah, sanitation district spar over sewer costs

By GLENDA ANDERSON THE PRESS DEMOCRAT on September 18, 2013, 7:04 PM

A long-simmering struggle between two agencies that manage sewer services in the Ukiah area has escalated into a \$27 million financial claim.

The Ukiah Valley Sanitation District filed the claim against the city of Ukiah, which owns and operates the municipal wastewater treatment plant. It alleges that the city has been overcharging the district for services and joint capital projects since 1967, 12 years after the agencies signed their first sewer-services contract. Such claims typically precede a lawsuit.

The city is responsible for most costs within city limits while the district is responsible primarily for services just outside city limits, although there is overlap in the service areas. The city has about 5,150 customer accounts while the district has about 2,540, according to city officials. About half of the district's customers are within city limits.

The claim alleges the city breached its fiduciary duty to the district in several ways, including failing to properly calculate the district's share of operational costs and overcharging the district for its share of a \$72 million upgrade and expansion of the wastewater treatment facility.

City and sanitation district officials declined to comment Wednesday, but the district's attorney, Duncan James, said the city appears to have treated the district unfairly for decades.

He said he was shocked by the discrepancies he found when he began investigating the issue on behalf of the district a year ago. Among other things, the city has poor bookkeeping and a system that makes it nearly impossible to accurately calculate how much the district should be paying for services.

"It's a mess," James said.

For decades, no one at the district paid much attention to the contract, in large part because the district's board was comprised of county and city officials, James said.

That changed after 2006, when an independent sanitation district board was elected, he said. Since then, the district and city have been at odds.

"The relationship between the city of Ukiah and the (sanitation district) is not working," the county grand jury said in an April 2013 report.

The two agencies' contract is "flawed and unworkable and favors the city," according to the report. "Both sides are to blame for the current situation," which includes sharp increases in sewer rates, the report said the report.

It recommends that the agencies work out their differences.

James said that's also what the district wants, but time is of the essence.

The city has 45 days from the filing of the claim to decide how to react. "I've given them a shorter deadline" to start discussions, James said. He would not divulge his deadline.

(You can reach Staff Writer Glenda Anderson at 462-6473 or glenda.anderson@pressdemocrat.com.)

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The claim alleges the city breached its fiduciary duty to the district in several ways, including failing to properly calculate the district's share of operational costs and overcharging the district for its share of a \$72 million upgrade and expansion of the wastewater treatment facility.

City and sanitation district officials declined to comment Wednesday, but the district's attorney, Duncan James, said the city appears to have treated the district unfairly for decades.

He said he was shocked by the discrepancies he found when he began investigating the issue on behalf of the district a year ago. Among other things, the city has poor bookkeeping and a system that makes it nearly impossible to accurately calculate how much the district should be paying for services.

"It's a mess," James said.

For decades, no one at the district paid much attention to the contract, in large part because the district's board was comprised of county and city officials, James said.

That changed after 2006, when an independent sanitation district board was elected, he said. Since then, the district and city have been at odds.

"The relationship between the city of Ukiah and the (sanitation district) is not working," the county grand jury said in an April 2013 report.

The two agencies' contract is "flawed and unworkable and favors the city," according to the report. "Both sides are to blame for the current situation," which includes sharp increases in sewer rates, the report said the report.

It recommends that the agencies work out their differences.

James said that's also what the district wants, but time is of the essence.

The city has 45 days from the filing of the claim to decide how to react. "I've given them a shorter deadline" to start discussions, James said. He would not divulge his deadline.

EPA aims to clarify Clean Water Act rules

By Lenny Bernstein, *The Washington Post Thunderdome*
Updated:

record-bee.com

WASHINGTON — The Environmental Protection Agency moved Tuesday to clarify Clean Water Act protections for small streams and wetlands that had been thrown into question by Supreme Court decisions over the past decade.

The agency and the Army Corps of Engineers proposed a rule that would help farmers, ranchers, developers and others understand which streams and wetlands retain Clean Water Act protections. In particular, the rule is aimed at small waterways that may dry up during some seasons, exist only after rains or are adjacent to other waters.

"The proposed joint rule will provide greater consistency, certainty, and predictability nationwide by providing clarity for determining where the Clean Water Act applies and where it does not," two senior EPA officials wrote on the agency's blog.

Along with the rule, the EPA released a report that concluded that streams have important effects on downstream waterways regardless of their size or how often they flow. Wetlands and open waters in flood plains have similar effects. The report synthesized the results of 1,000 scientific, peer reviewed studies.

Environmental groups were cheered by the proposal, saying it would offer significant new protections to the nation's water supply.

But Sen. David Vitter, R-La., the ranking Republican on the Senate Environment and Public Works Committee, released a statement saying that "EPA's announcement today doesn't solve anything, but merely takes another road to potentially expand its own jurisdiction through the Clean Water Act."

The Press Democrat

Water pipe ruptures in Guerneville

By JULIE JOHNSON THE PRESS DEMOCRAT on September 15, 2013, 7:44 PM

Tap water turned brown and silty Sunday in some areas of downtown Guerneville after a water pipe broke and briefly flooded a street, fire officials said.

The six-inch water main ruptured at about 3:45 p.m. on Mill Street between First and Main streets, sending a geyser into the air, Monte Rio Fire Chief Steve Baxman said.

More than a foot of water flooded about a half-block of Mill Street and the nearby parking lot of two restaurants, buckling the pavement and undermining the sidewalk, Baxman said.

The water receded within about a half-hour after firefighters turned off the water for nearby businesses.

At least two restaurants, Mi Casita Mexican Restaurant and Koalas Fine Food, were without water and closed. Safeway grocery and the Lambert's 76 gas station also had no water but remained open.

Sweetwater Springs Water District crews opened up a hydrant west of town to flush out the system, which was expected to take several hours, Baxman said.

"If it's not clear water don't drink it, wait until it clears up," Baxman said.

Sonoma County road crews were examining the area for sink holes and other damage.

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Environmental Update: Annual water withdrawal from Clear Lake nearing the end

By Terry Knight -- Record-Bee outdoorsman Record Bee Updated:

record-
bee.com

Yolo County is nearing the end of its annual withdrawal of water from Clear Lake. As of Friday the lake level was at 1.68 feet on the Rumsey Gauge and Yolo County is presently withdrawing 230 cubic feet per second.

Yolo County's water allocation is governed by the Solano Decree. According to the decree, when the lake is full at 7.56 feet on the Rumsey Gauge as of May 1, Yolo County receives its full water allotment.

Yolo County can withdraw water until the lake level drops to 1 foot on the Rumsey Gauge or until Oct. 31 whichever comes first.

When the lake level is lower than 7.56 Rumsey then Yolo County gets less water.

On May 1 the lake level was at 6 feet on the Rumsey Gauge. Using a formula under the Solano Decree, Yolo County can draw the lake down to .73 feet on the Rumsey Gauge. However, there is also the evaporation factor. Typically summer evaporation causes a 3 foot drop in the lake level. It is estimated that Yolo County's water withdrawal plus the evaporation will drop the lake level to .73 foot Rumsey by the end of September. At that time all water releases will be halted with the exception of a small water flow through the dam to maintain the fishery in Cache Creek.

The Water Column

by Joan Moss,

There are many facets to the waters in our beautiful Clear Lake, our rivers, our water sheds, and our septic systems, as well as State Water Boards, research, TMDLs and SWAMP, various State agencies involved with helping us solve issues.

Sunday July 28, (I keep remembering she called me about July 21) my friend named Bonny swam in Clear Lake at Austin Park, and became violently sick, vomiting after she dove into the water. Bonny went home, showered, stayed covered in her bed and experiences trembling a fever, and more sickness.

She thought the water was the clearest it had ever been. She could see to the bottom. Her daughter's dog who swam with her became violently sick also, and she started to notice dead fish.

Being a reporter, I began to make the trip to the various departments. I learned that in order to be counted, Bonny is required to visit her doctor, who will then report her water caused illnesses to the Lake County Health Department.

Michael, who works at the Agriculture Department for the California Department of Food and Agriculture, acknowledged he had been treating Hydrilla plants in the water near Austin Park with Herbicides Fluridone as Sonar SRP pellets and Copper as Komeen or Harpoon.

The young man told me these herbicides were safe. Literature he gave to me, however, stated that "treatment areas within ¼ mile of an active drinking water intake, applications must be limited to 20 parts per billion each.

Komeen (copper ethylenediamine complex) will severely damage all submerged vegetation within the treated area, although "the plants will recover from the roots within one or two months."

"If water temperatures are high, treating a high proportion of the area may lead to low dissolved oxygen concentrations which can cause fish kills" No other department responded to my questions until I contacted the Fish and Wildlife Department. They took down all my information and Bonny's phone number and called the local Fish and Wildlife official to investigate.

Meanwhile Bonny is able to hold some food down, but has little appetite, for meat or bacon. Bonny noticed that children getting out of the water at Austin Park experience their skin peeling off.

Water from the Austin Park used to water the grass leaves brown patches of grass, not green, and if people lie on the grass, they get brown stuff on their skin, according to Bonny.

Bonny is still alive, and has an appointment with her doctor. The dog is still alive too.. What I see in my imagination every time I drive to the ClearlakeCity Hall is a huge Olympic size public swimming pool at Austin Park, with families in Clearlake jumping in and out of the clear, cold water on these hot days. Everybody happy.

I visited Austin Beach after Bonny reported being sick, and small signs were posted by the Environmental Health Department: "High levels of blue green algae have been observed in this area and can produce harmful toxins. Avoid contact with water if there are visible signs of blue green algae mats. Do not use this water for swimming, drinking, or cooking. Keep pets away from water in this area. Other parts of Clear Lake that are not posted and show no signs of bluegreen algae mats are open to boating and swimming."

A story published in Lake County Magazine written by Dr John Zebelean is titled FACTUAL INFORMATION ON CLEAR LAKE WATER PROBLEM. On page 12 Zebelean writes, "In Australia the Palm Island mystery disease affected 140 people. Cyanobacteria bloom was treated with copper sulfate. Within a week, severe illness characterized by vomiting, hepatomegaly, and kidney dysfunction was seen. Caused by *Cylindrospermopsis*." Raciborskii (Falconer, 1994; Gupta, 1998).

The news media published how a dog had to be euthanized, because it got sick after swimming in Konocti Bay. Dr Zebelean stated in an interview that toxins from cyanobacteria can be present in water that is clear. Where will this end?

Bonny reported her episode of getting sick after swimming in the lake. Dr Tait has her report. What happens next? This Water Column will continue.