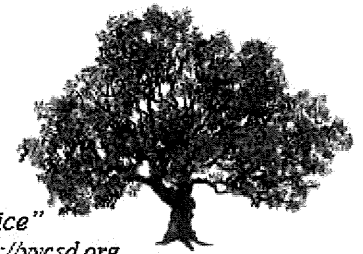


VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

3745 Constellation Road • Vandenberg Village • Lompoc, CA 93436
Telephone: (805) 733-2475 • Fax: (805) 733-2109



"Pride in Community Service"

<http://vvcasd.org>

info@vvcasd.org

REGULAR MEETING

Tuesday, June 6, 2023

7:00 p.m.

AGENDA

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE
2. ROLL CALL: Directors Brooks, Bumpass, Gonzales, Heuring, and Stassi
3. ADDITIONS AND DELETIONS TO AGENDA
4. PUBLIC FORUM

The Board will invite public comment on each action item as it is considered during the meeting.

At this time members of the public wishing to address the Board on other matters that are within the jurisdiction of the District may do so when recognized by the President. Please begin by stating your name and place of residence.

5. OPERATIONS REPORT
6. ADMINISTRATION REPORT
7. CONSENT CALENDAR

A. Minutes of the Regular Meeting on May 2, 2023..... page 1

B. Treasurer Report

(1) Monthly Financials page 7

(2) Disbursements through May 31, 2023..... page19

8. ACTION ITEMS

- A. **Water Resources in Santa Barbara County:** Presentation by Matt Young, Santa Barbara County Water Agency page 25
- B. **Association of California Water Agencies (ACWA):** Consider adopting Resolution 226-23 nominating Director Heuring to the Region 5 Board of Directors..... page 35
- C. **Lompoc Regional Wastewater Reclamation Plant (LRWRP) Upgrade Charges:** Consider adopting Resolution 227-23 to continue collecting charges on the annual county tax roll for FY 2023-24 page 39

9. REPORTS

- A. Committees
- B. District Representatives to External Agencies
- C. Board President
- D. General Manager

10. INFORMATIONAL CORRESPONDENCE

- A. Santa Barbara County FY 2023-24 LAFCO Budget..... page 41
- B. US Drought Monitor: California, May 30, 2023..... page 43
- C. Ready, Set, Go! Your Personal Wildfire Action Plan page 45
- D. California Public Resources Code § 4291(a)(1)..... page 57

11. DIRECTORS FORUM: Any member of the Board may address the Board on any subject within the jurisdiction of the District.

12. ADJOURN

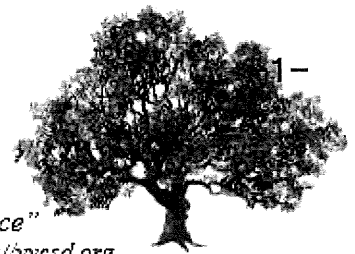
NOTICE: The Board of Directors of the Vandenberg Village Community Services District will meet at the District Office Conference Room, 3745 Constellation Road, Vandenberg Village, in compliance with § 54954.2 of the Government Code of the State of California.

If you need reasonable accommodations due to a disability, please contact the Board Secretary 24 hours prior to the meeting at (805) 733-2475.

*Please silence cell phones during the meeting, as a courtesy to others.
Board package is available on the District's website at www.vvcasd.org*

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MINUTES Regular Meeting

May 2, 2023

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

The meeting was called to order at 7:00 p.m. by President Brooks who led the Pledge of Allegiance.

2. ROLL CALL: Directors Brooks, Bumpass, Gonzales, Heuring, and Stassi were present.

OTHERS PRESENT

General Manager Joe Barget, Operations & Maintenance (O&M) Manager Mike Garner, Administrative Services (AS) Manager Cynthia Allen, Finance Administrator Patricia LeCavalier, and three members of the public were present.

3. ADDITIONS AND DELETIONS TO THE AGENDA – None

4. PUBLIC FORUM

President Brooks invited public comments and there were none.

5. OPERATIONS REPORT

O&M Manager Garner reported the District pumped 28 million gallons of water in April with an average daily demand of 932,000 gallons. This is 8 percent less than last April.

The District received no rain in April keeping the calendar year total to 18.54 inches.

The District's well levels for April were 1B-142', 3A-136', and 3B-136'.

O&M Manager Garner completed the Consumer Confidence Report for 2022 which was posted to the District's website on April 26.

The District received the final report from the state's Triennial Sanitary Survey inspection. There were no violations but there are additional water testing requirements this year. Overall a good report.

All of the Villas on Oakhill townhomes were hot-tapped with 1-inch water services except three. The services are locked off until the developer, Tony Wells, pays the capacity charges.

The field crew had one service line repair in April and no sanitary sewer overflows.

To conclude his report O&M Manager Garner said he attended the California Water Environment Association Conference the week of April 17 and Jeff Cole attended the Rural Water Conference the week of April 24. Lastly, the District had two anniversaries in April: Dr. Cynthia Allen 30 years on April 15, and Manual Perez five years on April 16.

6. ADMINISTRATION REPORT

AS Manager Allen reported that the District's new Customer Service Representative, Brianna Jennings, started on April 17. If you get a chance, please stop by and introduce yourself to her.

7. CONSENT CALENDAR

A. Minutes from the Regular Meeting on April 4, 2023

B. Treasurer Report

1) Financial Statements

2) Disbursements through April 30, 2023

3) Schedule of Investments

Motion by Director Heuring, seconded by Director Brooks to accept the consent calendar as presented.

**Ayes: Directors Brooks, Bumpass, Heuring, Gonzales, Stassi,
Noes: None
Abstain: None
Absent: None**

8. ACTION ITEM

A. Municipal Finance

Managing Directors Nicki Tallman and Rick Brandis of Oppenheimer & Co., Inc. gave a very informative presentation. They co-manage the California Public Finance Group, which serves municipalities with their financing needs through bond underwriting and placement agent services.

B. Drought

There was a lot of discussion among the Directors about removing the water restrictions. Most believed it was premature to remove restrictions and felt this item should be tabled to a later date.

Motion by Director Bumpass, seconded by Director Gonzales to leave the restrictions in place and table this item to a later date.

Roll call vote:

**Ayes: Director Bumpass, Heuring, Gonzales, Stassi
Noes: Director Brooks
Abstain: None
Absent: None**

9. REPORTS

A. Committees

There were no committee meetings in April.

B. District Representatives to External Agencies - None

C. President

President Brooks had no comment.

Director Bumpass left the meeting at 8:40 p.m.

D. General Manager

General Manager Barget will be attending the LAFCO meeting on May 4. There is a public hearing on the agenda to adopt the MSR. He and AS Manager Allen are still working with FEMA on the disaster assistance claim and a possible Section 406 Hazardous Mitigation Grant for the washed-out section of road embankment next to the offsite 10-inch sewer trunk line.

To conclude his report, he received a request for a can and will serve letter to provide services for a 93-room extended stay hotel and 48 residential units on the 5.61-acre parcel on Constellation Road. General Manager Barget requested and is waiting on additional information about the proposed development from Urban Planning Concepts. He anticipates having a Water/Wastewater committee this month to discuss an intent to serve letter.

10. INFORMATIONAL CORRESPONDENCE

A. US Drought Monitor: California, April 18, 2023

B. Rainfall and Reservoir Summary, April 24, 2023

C. Water Use in Santa Barbara County 2022 Report

11. DIRECTORS FORUM

Director Stassi attended a San Luis Obispo Chapter meeting of the California Special Districts Association meeting in Avila Beach on April 21. He and General Manager Barget attended a County Treasury Oversight Committee meeting and met with District's legal counsel, Mike Munoz, in Santa Barbara.

12. ADJOURN

President Brooks declared the meeting adjourned at 8:50 p.m.

Attest:

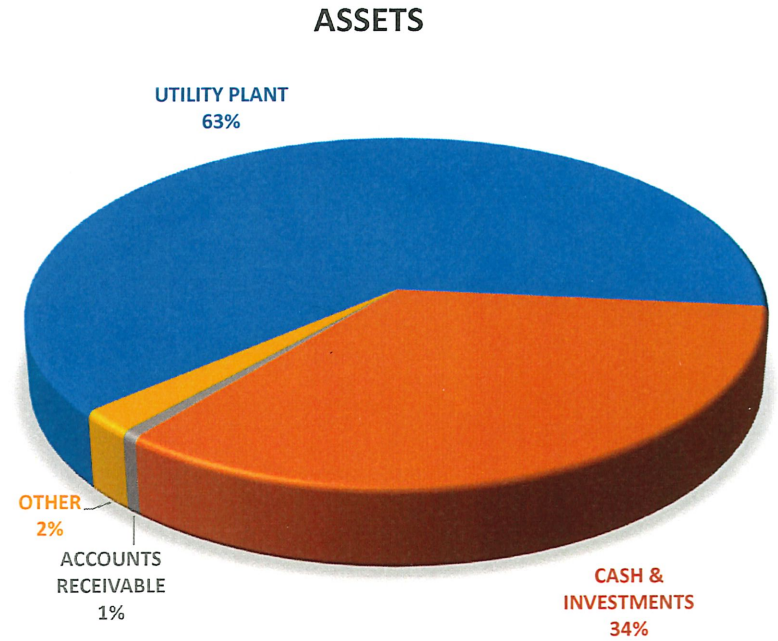
Signed:

Stephanie Garner
Secretary, Board of Directors

Christopher Brooks
President, Board of Directors

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT
 Combined Balance Sheet
 As of April 30, 2023

	2023 FYTD	FYE 2022	CHANGE
ASSETS			
UTILITY PLANT	\$23,826,844	\$22,655,112	\$1,171,732
CASH & INVESTMENTS	12,137,598	12,174,904	(37,306)
ACCOUNTS RECEIVABLE	188,171	289,891	(101,720)
OTHER	787,855	801,192	(13,337)
TOTAL ASSETS	<u>\$36,940,468</u>	<u>\$35,921,099</u>	<u>\$1,019,369</u>
DEFERRED OUTFLOWS OF RESOURCES-PENSIONS	\$372,363	\$372,363	\$0
TOTAL ASSETS & DEFERRED OUTFLOWS	<u><u>\$37,312,831</u></u>	<u><u>\$36,293,462</u></u>	<u><u>\$1,019,369</u></u>
LIABILITIES			
CURRENT LIABILITIES	\$495,089	\$577,457	(\$82,368)
UNEARNED REVENUE	139,296	139,296	0
LONG TERM DEBT- LRWRP UPGRADE PROJECT	4,835,758	4,835,758	0
NET PENSION LIABILITY	766,227	766,227	0
TOTAL LIABILITIES	<u>\$6,236,370</u>	<u>\$6,318,738</u>	<u>(\$82,368)</u>
DEFERRED INFLOWS OF RESOURCES-PENSIONS	\$708,479	\$708,479	\$0
EQUITY			
CONTRIBUTED CAPITAL	\$5,749,573	\$5,913,072	(\$163,499)
EQUITY	23,677,739	22,496,604	1,181,135
CURRENT EARNINGS	940,670	856,569	84,101
TOTAL EQUITY	<u>\$30,367,982</u>	<u>\$29,266,245</u>	<u>\$1,101,737</u>
TOTAL LIABILITIES, DEFERRED INFLOWS & EQUITY	<u><u>\$37,312,831</u></u>	<u><u>\$36,293,462</u></u>	<u><u>\$1,019,369</u></u>

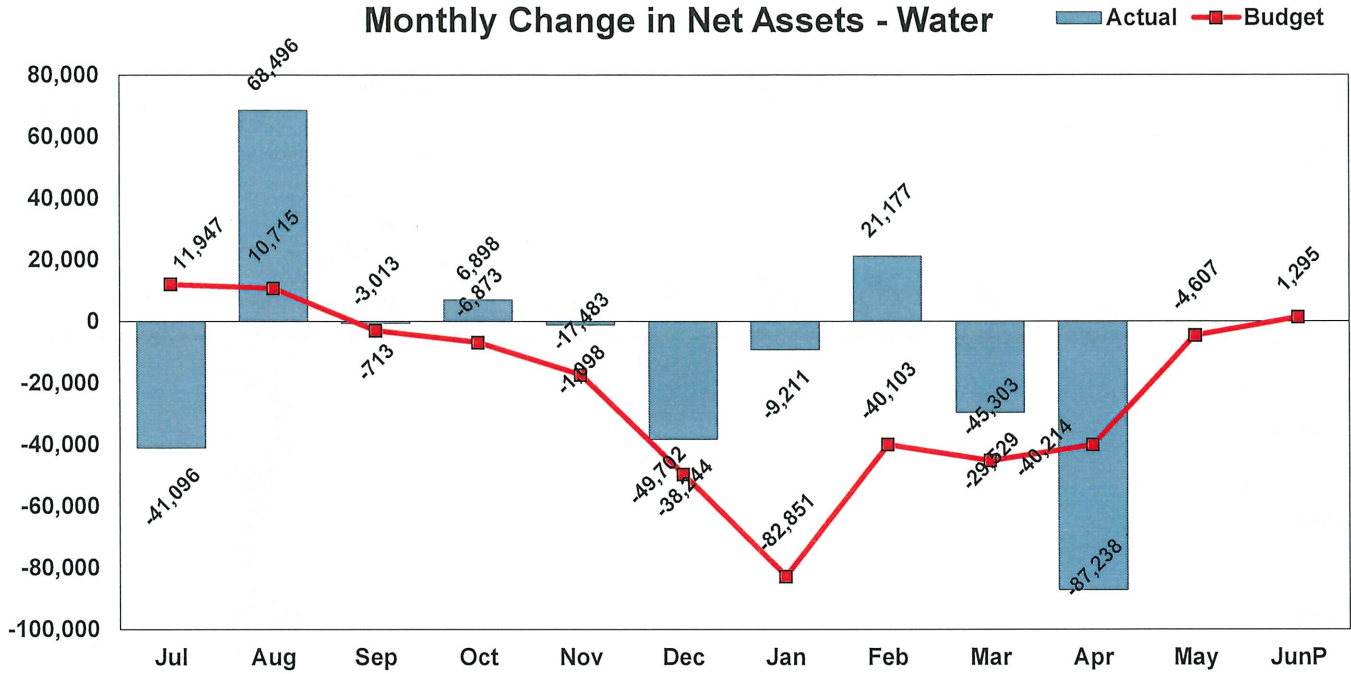


Change in Net Assets

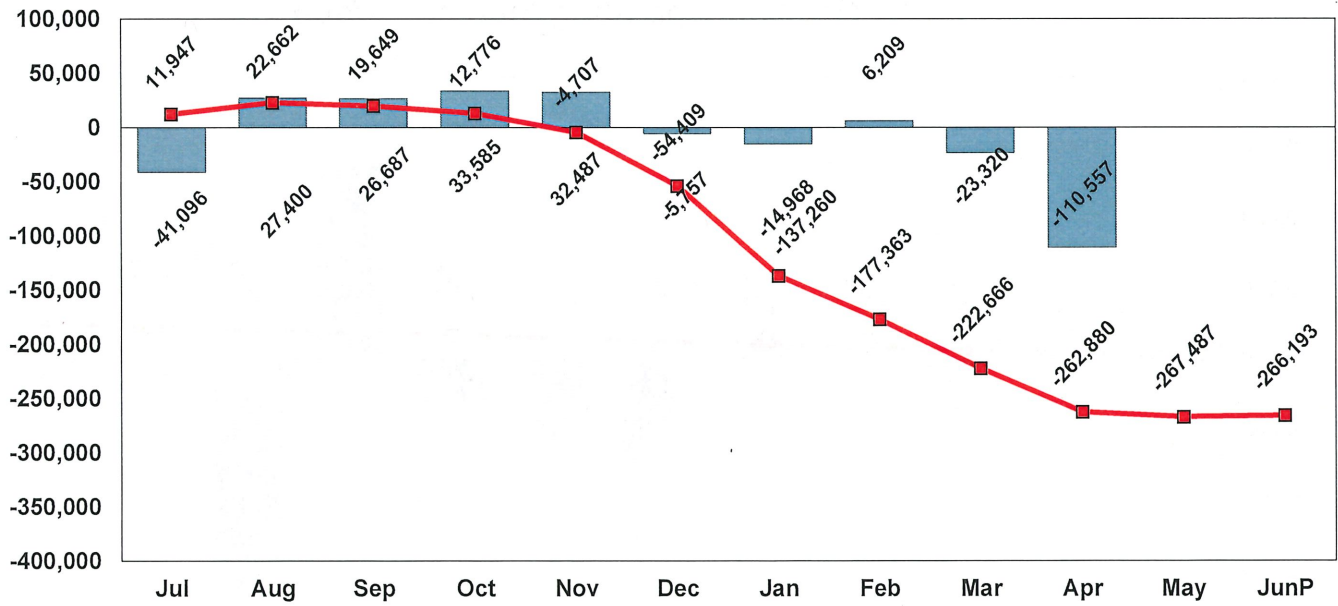
Vandenberg Village Community Services District

July 1, 2022 to June 30, 2023

Monthly Change in Net Assets - Water



YTD Change in Net Assets - Water



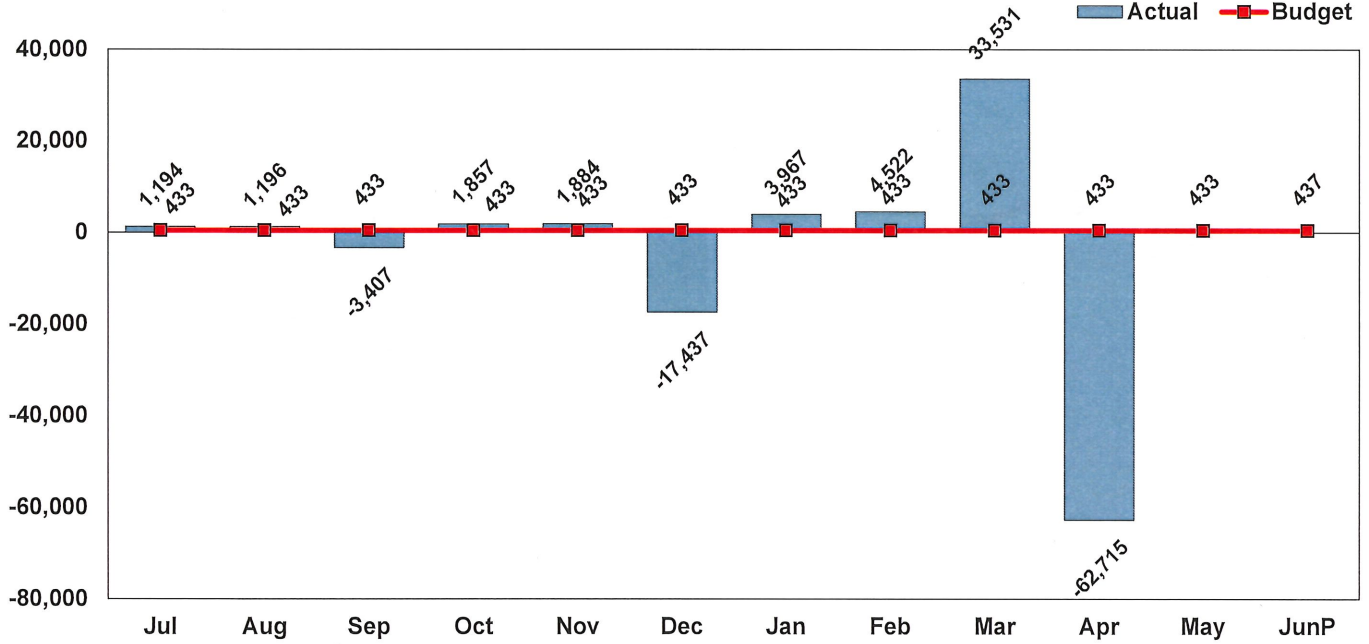
Note: Restricted revenue, \$4,492 in Connection Fees, has also been received this fiscal year.

Non-Operating Income

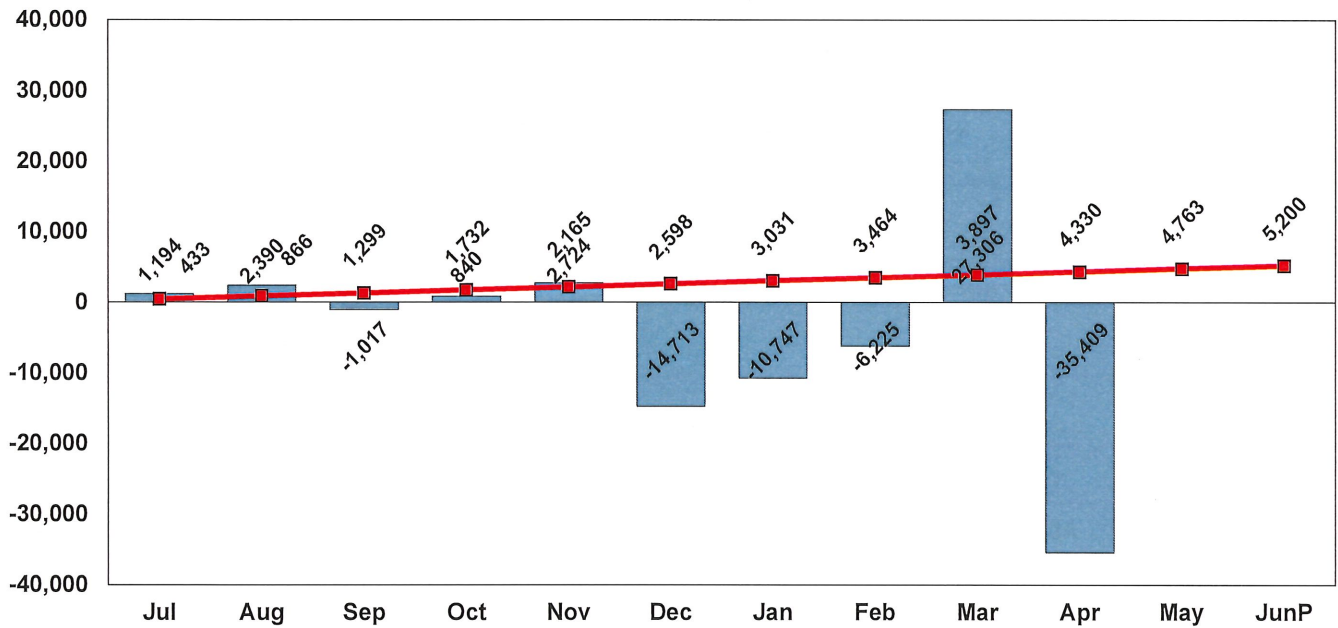
Vandenberg Village Community Services District

July 1, 2022 to June 30, 2023

Monthly Net Non-Operating Income - Water

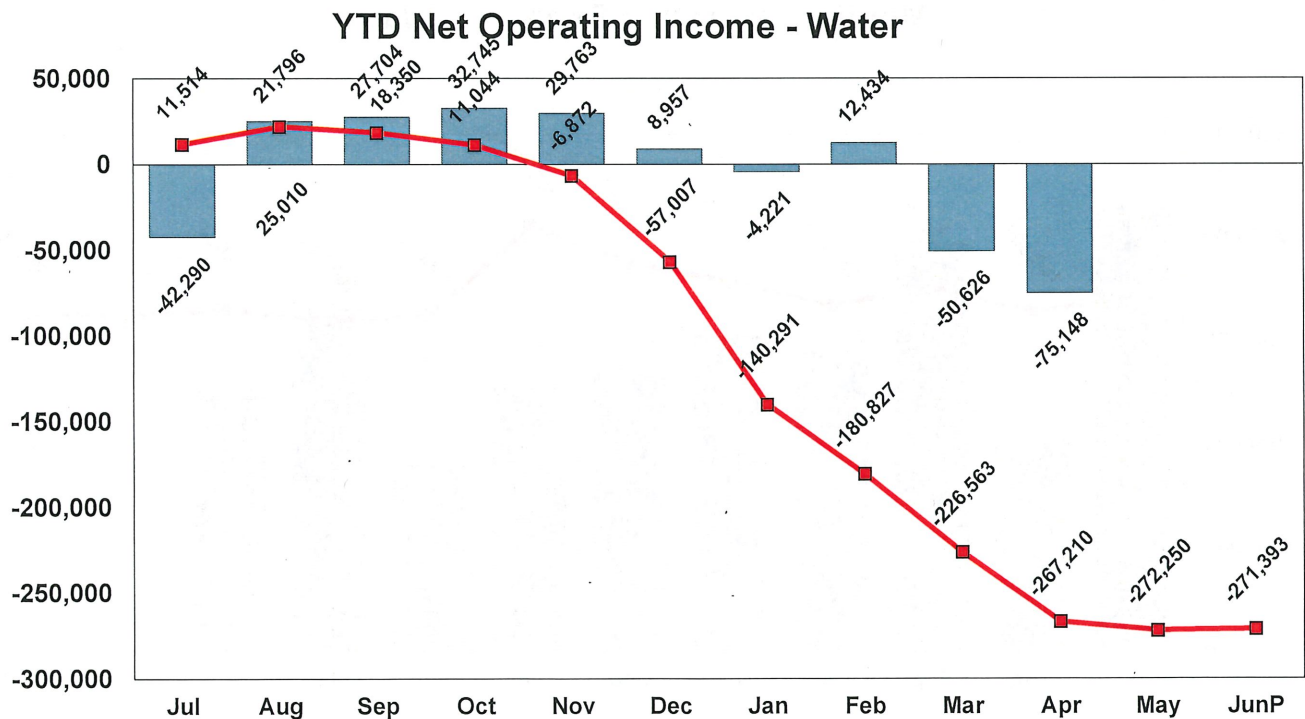
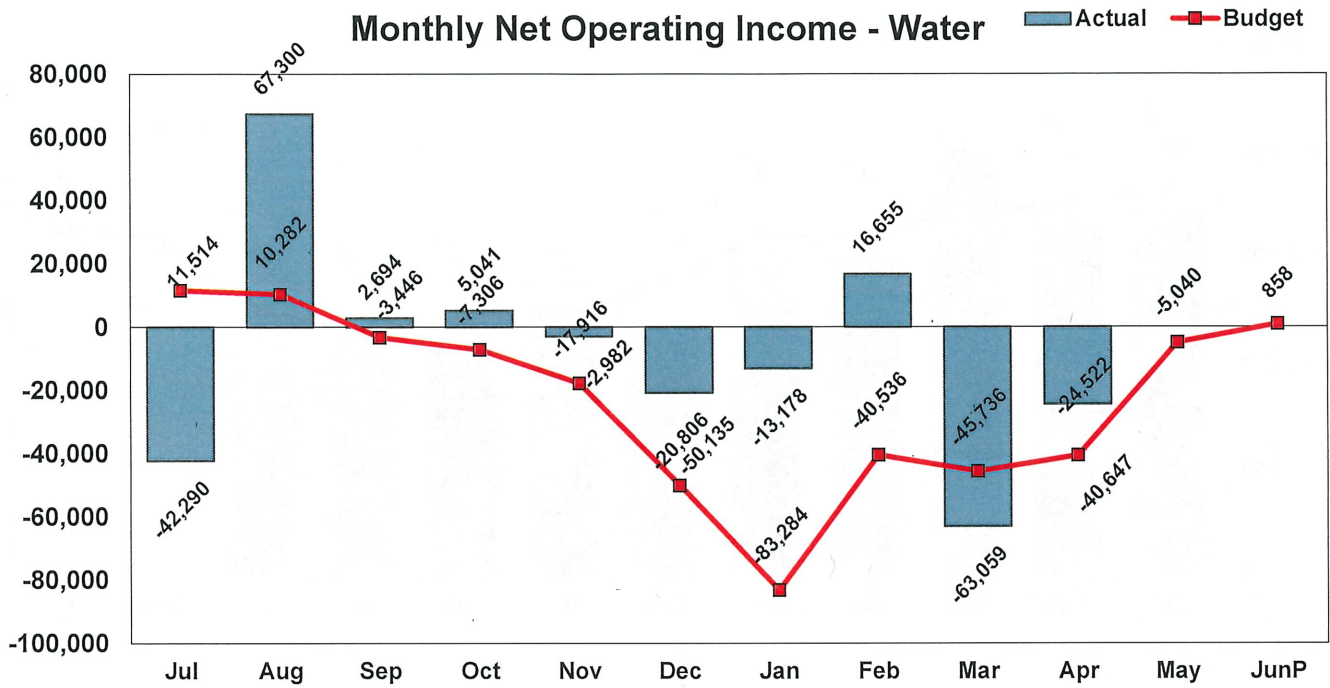


YTD Net Non-Operating Income - Water



Operating Income

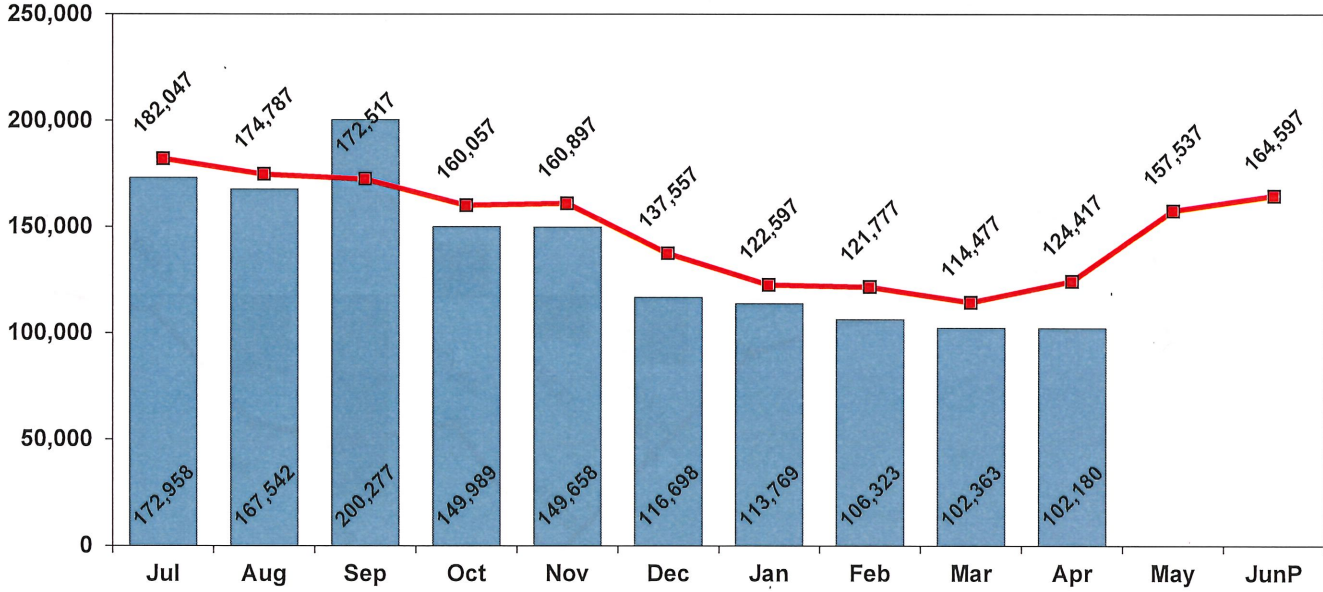
Vandenberg Village Community Services District
July 1, 2022 to June 30, 2023



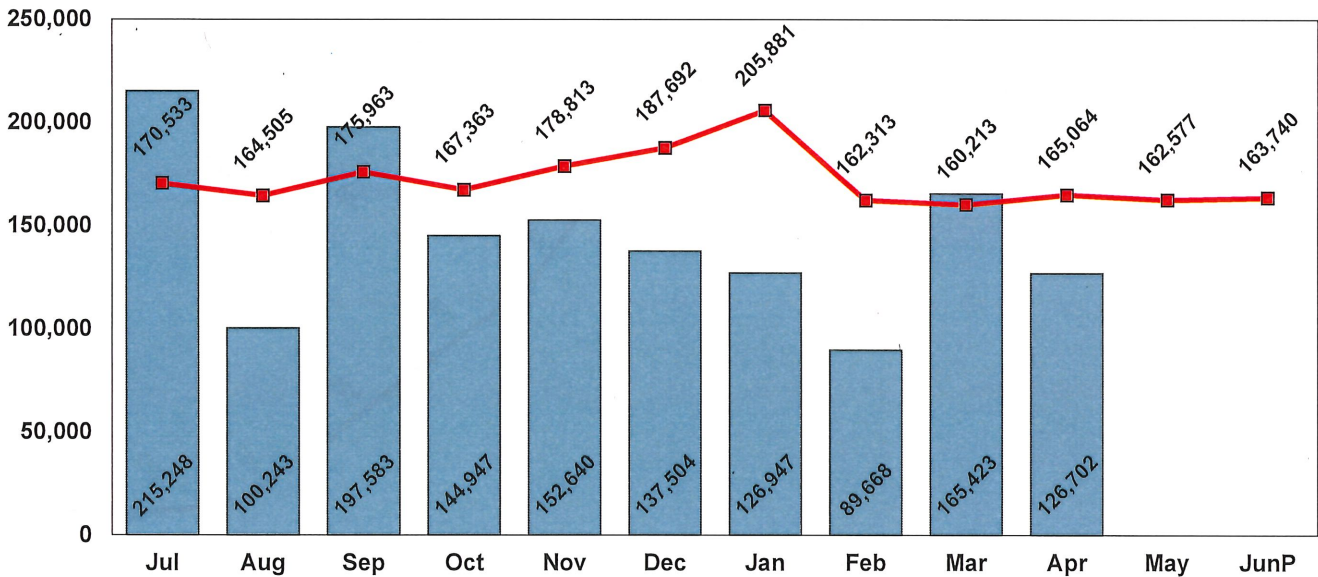
Operating Revenue and Expenses
Vandenberg Village Community Services District
July 1, 2022 to June 30, 2023

Monthly Operating Revenue - Water

Actual Budget

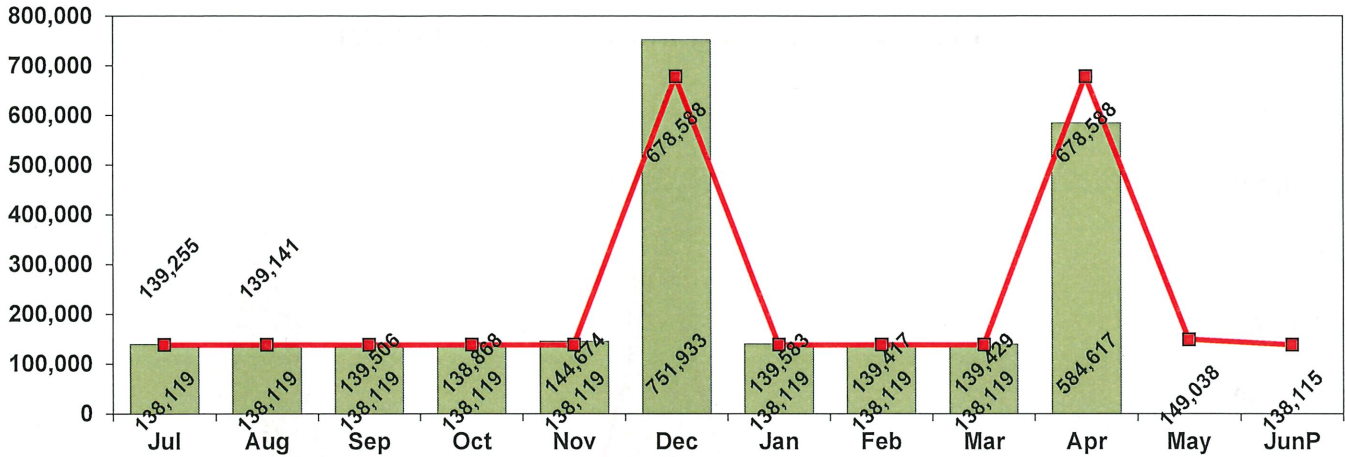


Monthly Operating Expense - Water

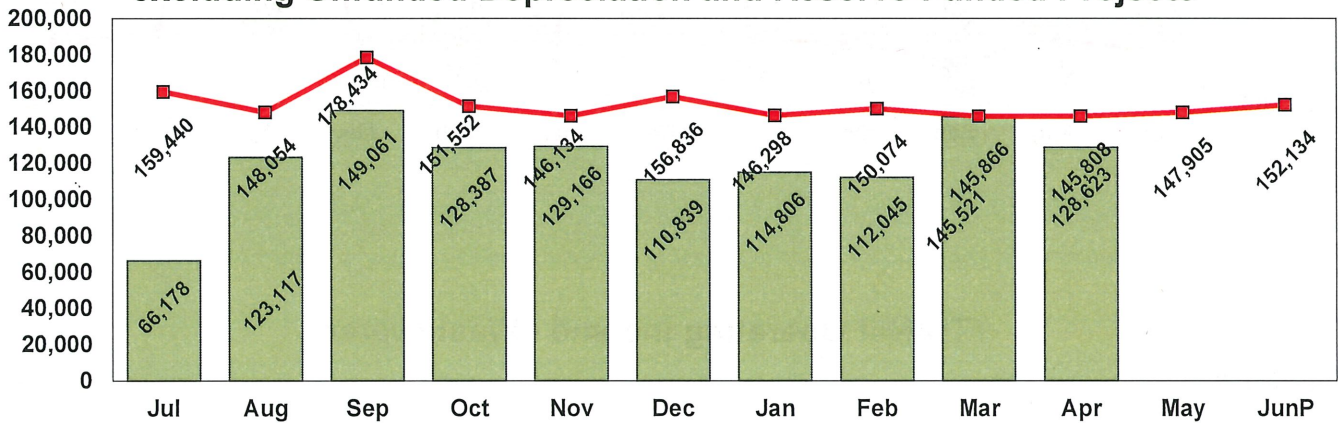


Operating Revenue and Expenses
 Vandenberg Village Community Services District
 July 1, 2022 to June 30, 2023

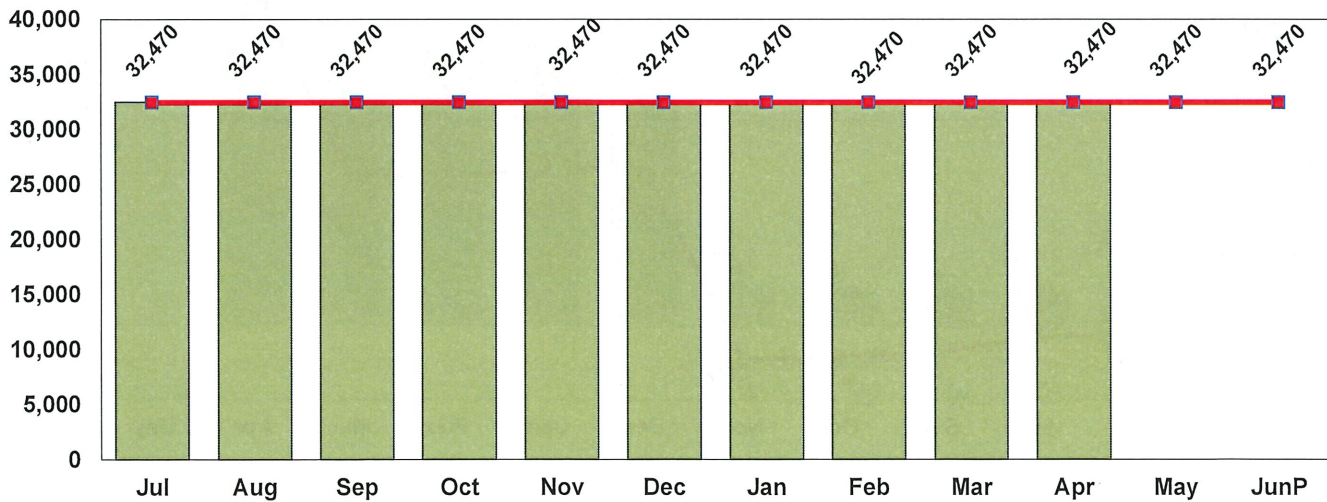
Monthly Operating Revenue - Wastewater ■ Actual ■ Budget



**Monthly Operating Expense
 excluding Unfunded Depreciation and Reserve-Funded Projects**



**Monthly Operating Expense
 Unfunded Depreciation and Reserve-Funded Projects**

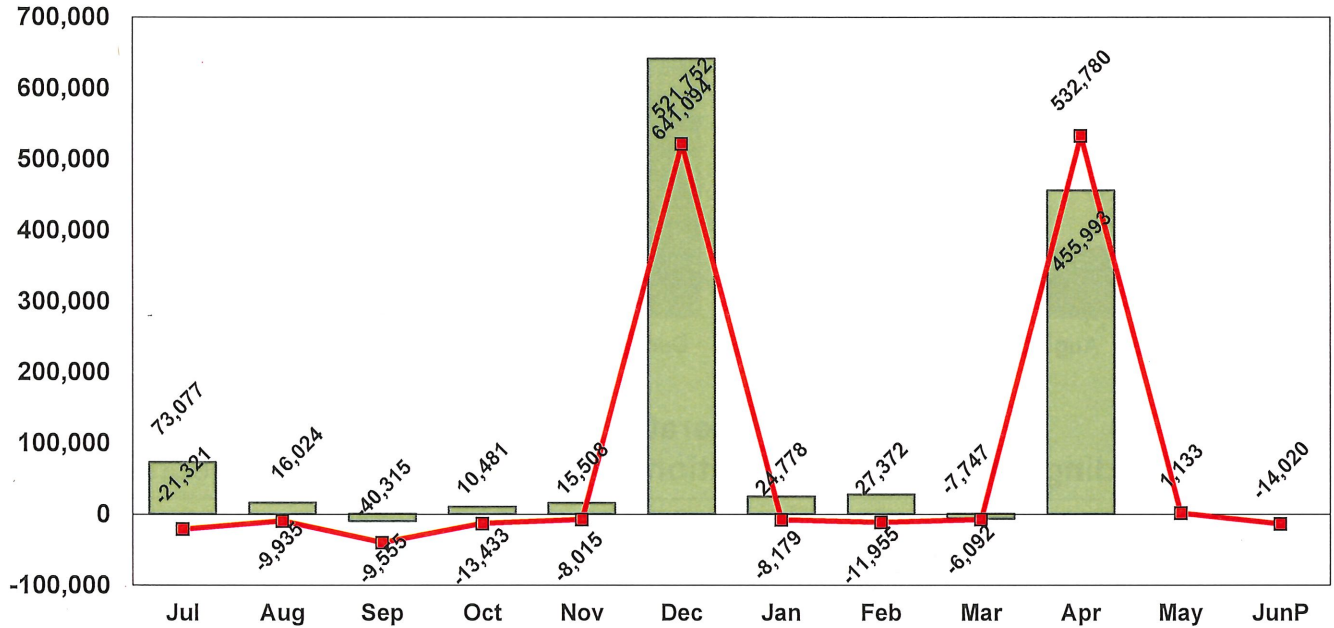


Operating Income

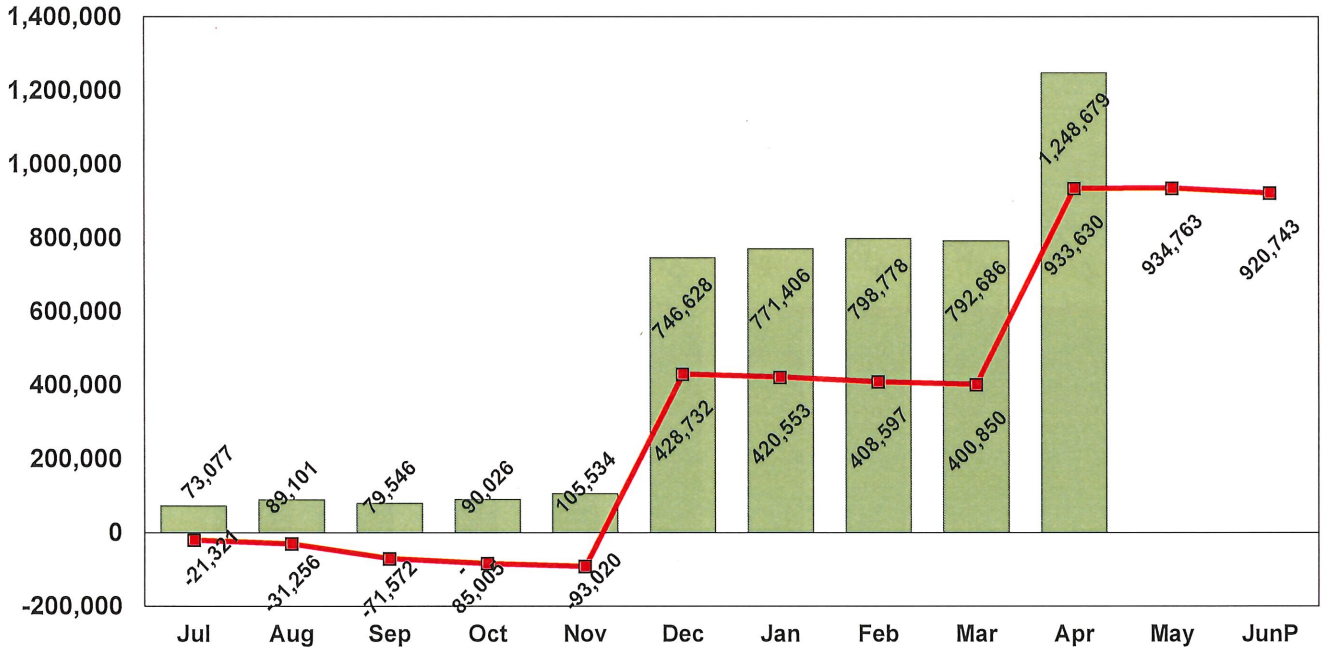
Vandenberg Village Community Services District

July 1, 2022 to June 30, 2023

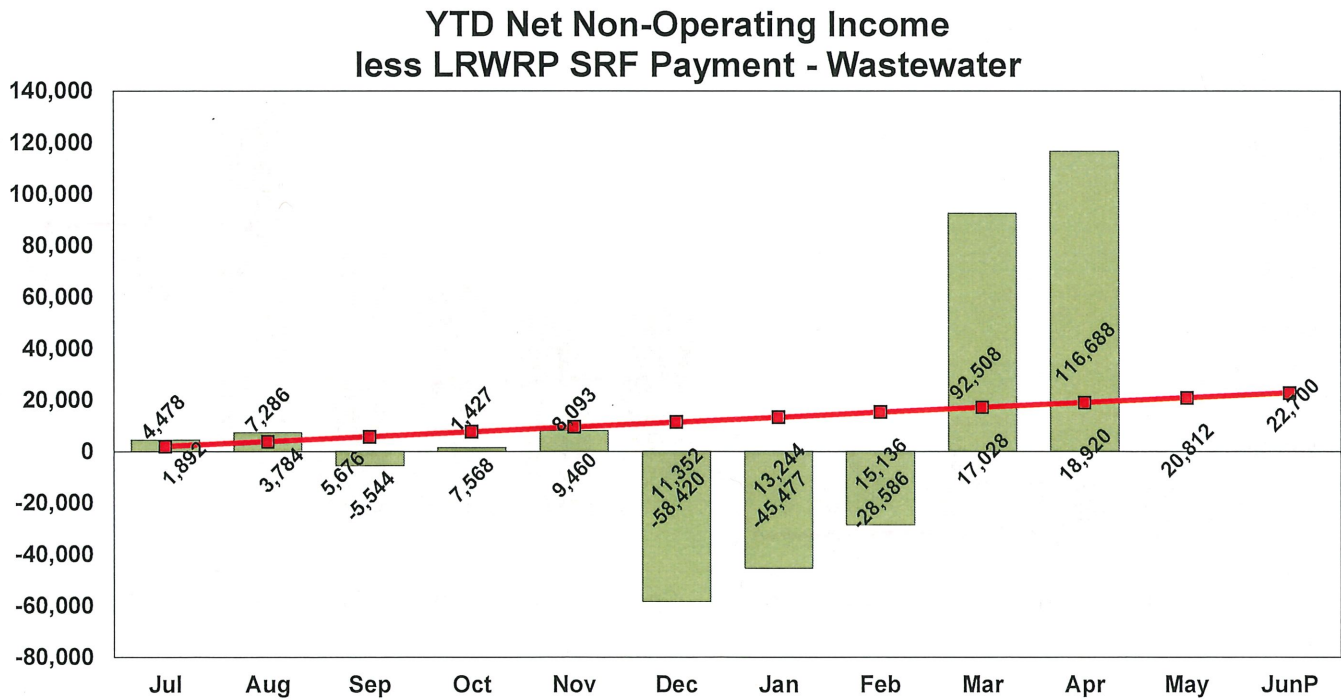
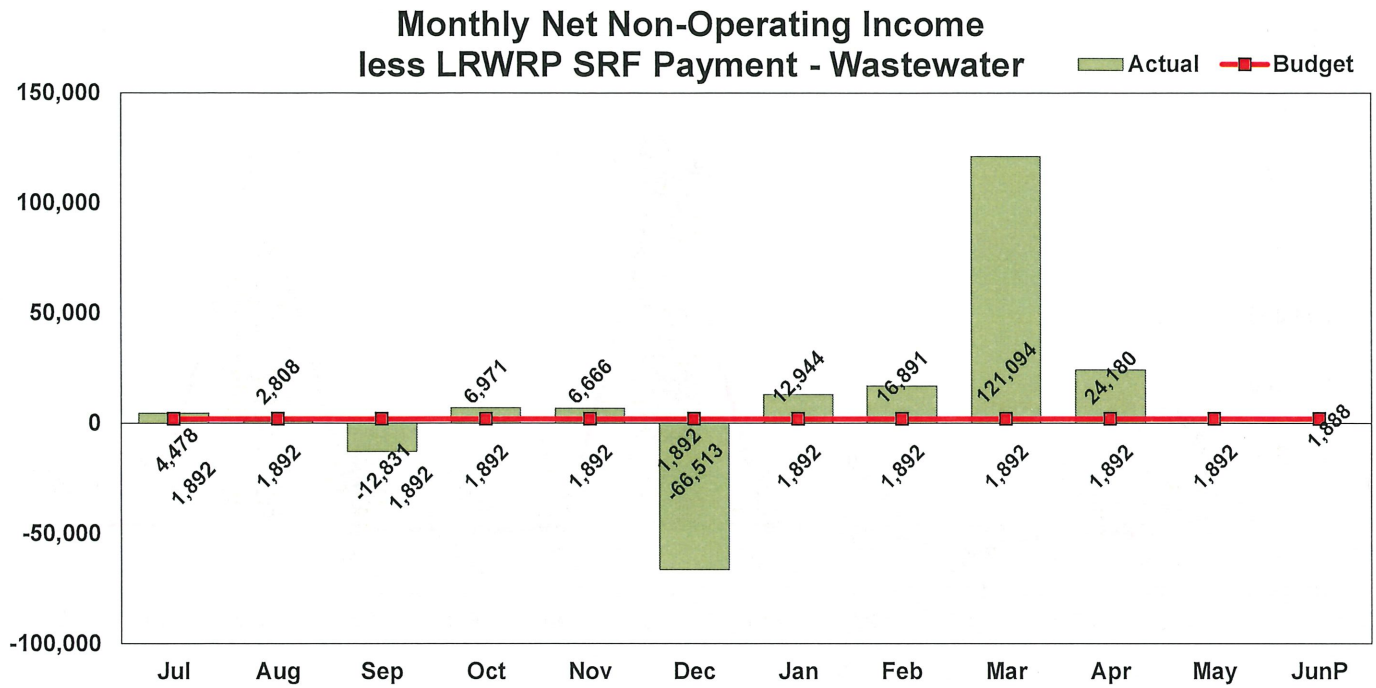
Monthly Net Operating Income - Wastewater ■ Actual ■ Budget



YTD Net Operating Income - Wastewater



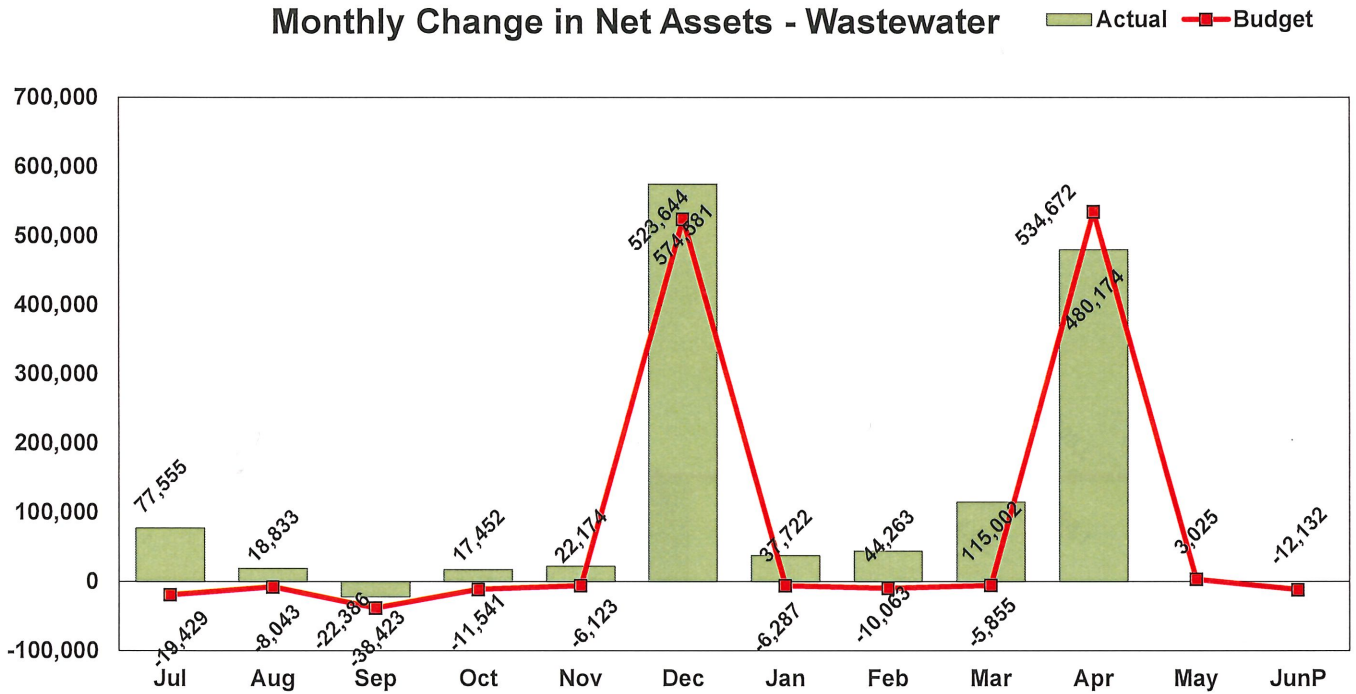
Non-Operating Income Vandenberg Village Community Services District July 1, 2022 to June 30, 2023



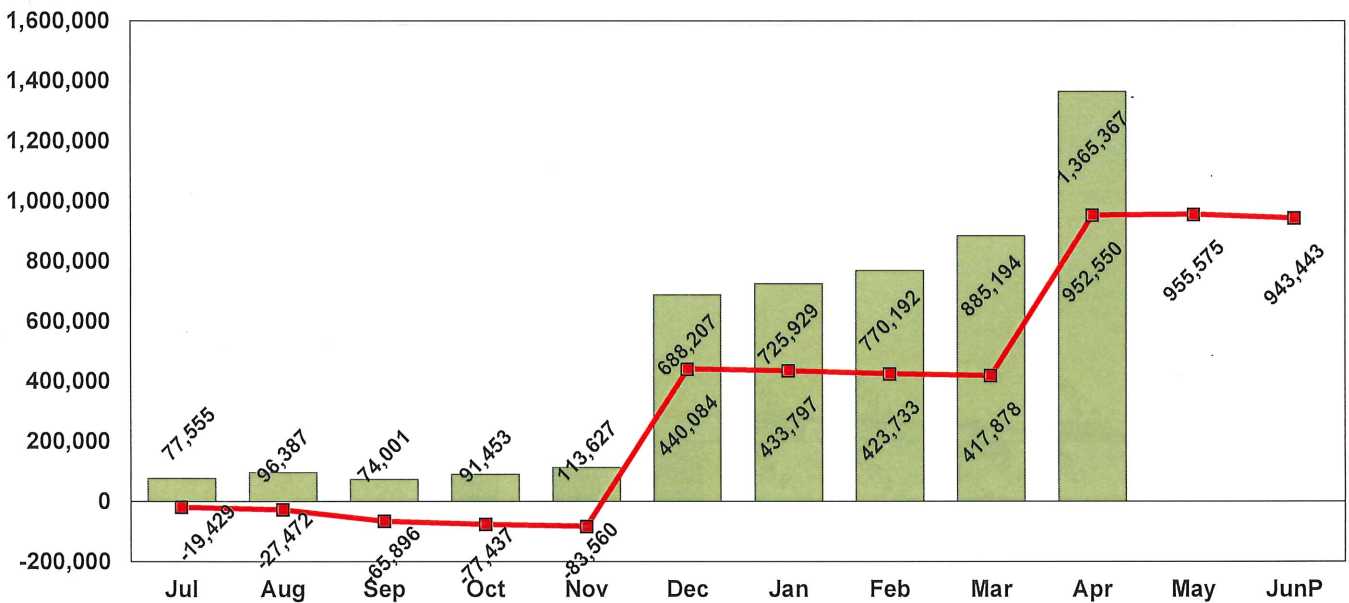
Change in Net Assets

Vandenberg Village Community Services District
July 1, 2022 to June 30, 2023

Monthly Change in Net Assets - Wastewater



YTD Change in Net Assets - Wastewater



Note: Restricted revenue, \$6,069 in Connection Fees, has also been received this fiscal year.

Statement of Cash Flow
 Vandenberg Village Community Services District
 For the Period from July 1, 2022 to April 30, 2023

	Water Fund	WW Fund	
CASH FLOWS FROM OPERATING ACTIVITIES			
Cash received from customers and users	\$ 1,461,201	\$ 2,466,822	
Cash payments for goods and services	(861,395)	(786,178)	
Cash payments to employees	(434,494)	(255,088)	
Net Cash Provided by Operating Activities	\$ 165,313	\$ 1,425,556	\$ 1,590,869
 CASH FLOWS FROM CAPITAL & RELATED FINANCING ACTIVITIES			
Connection fees collected	4,492	6,069	
Purchase of capital assets	(57,638)	(1,749,103)	
Net Cash Used - Capital & Related Financing Activities			(1,796,180)
 CASH FLOWS FROM INVESTING ACTIVITIES			
Investment income	49,640	118,365	
Net Cash Provided by Investing Activities			168,005
Net Increase (Decrease) in Cash & Cash Equivalents			(37,306)
Cash and cash equivalents, beginning of year			12,174,905
Cash and cash equivalents, year-to-date			\$ 12,137,598
 Reconciliation to the Statement of Net Assets:			
Cash on hand	400		\$ 400
Cash and short term investments	2,993,043	9,144,155	12,137,198
			\$ 12,137,598
 Reconciliation of Operating Income to Net Cash Provided by Operating Activities			
Operating Income	\$ (75,148)	\$ 923,978	
Adjustments to reconcile operating income to net cash provided by operating activities			
Depreciation	\$ 184,069	\$ 541,606	
Change in operating assets and liabilities:			
(Increase) decrease in accounts receivable	74,994	10,401	
(Increase) decrease in prepaid items	12,957	380	
Increase (decrease) in accounts payable	14,601	(40,587)	
Increase (decrease) in accrued payroll	(21,233)	(10,222)	
Increase (decrease) in customer deposits	4,451		
Increase (decrease) in compensated absences	(29,378)	-	
Net Cash Provided by Operating Activities	\$ 165,313	\$ 1,425,556	\$ 1,590,869

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

Disbursement # 06-23 From 5/1/2023 To 5/31/2023
 Board Meeting Date 6/6/2023 Item: 7B.2

Accounts Payable Amount \$113,389.77

Check Numbers 28813-28840, 28843-28863

Void Checks 28841, 28842

Electronic Vendor Payment Amount \$364.52

Confirmation Numbers 371222

A/P Hand Check Amount _____

Check Numbers _____

Payroll Amount \$84,992.68

Check Numbers electronically transferred

Wire Transfers \$320,000.00

Wire Numbers 778009, 778010

Disbursements/Investments

A/P Checks 113,389.77

Electronic Vendor Payments 364.52

A/P Hand Checks 0.00

Payroll 84,992.68

Investments 320,000.00

TOTAL \$518,746.97

REPORT.: May 31 23 Wednesday
 RUN....: May 31 23 Time: 13:58
 Run By.: PATTY LECAVALIER

VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report
 Check Listing for 05-23 thru 05-23 Bank Account.: 13100

PAGE: 001
 ID #: PY-DP
 CTL.: VAN

Check Number	Check Date	Vendor Number	Name	Net Amount	Invoice #	Description
028813	05/11/23	ACW03	ACWA JOINT POWERS INSURAN	9595.93	0699435	GROUP MEDICAL,DENTAL,VISION,LIFE,EAP 6/23
028814	05/11/23	AMA01	AMAZON CAPITAL SERVICES	109.24	1GQ3-ND9W	CUSTOMER FILE DIVIDERS;DOOR STOPPERS
028815	05/11/23	ARA01	ARAMARK UNIFORM SERV.INC..	201.37	20279744	CONTINUOUS TOWELS,SHOP TOWELS 5/4/23
028816	05/11/23	BOO01	BOOT BARN HOLDINGS	170.45	041676	SAFETY BOOTS,JEANS-M.GARNER-ACCT#28321855
				103.30	041857	UNIFORM JEANS-M.GARNER-ACCT#28321855
				194.20	044424	UNIFORM JEANS-B.QUINLAN-ACCT#28321855
				170.45	044425	SAFETY BOOTS-B.QUINLAN-ACCT#28321855
			Check Total.....:	638.40		
028817	05/11/23	COL01	JEFFREY COLE	216.00	C30505	MEAL, INCIDENTAL REIMB-CRWA EXPO-COLE
028818	05/11/23	COV01	COVERALL MOUNTAIN & PACIF	391.00	553190540	JANITORIAL SERVICE 5/23
028819	05/11/23	FER01	FERGUSON ENTERPRISES INC	142.78	0504009	POLY-E PIPE,GASKETS,RINGS
028820	05/11/23	HAA01	HAAKER EQUIPMENT COMPANY	147.86	C1A3UX	SEWER JETTER 90 DEGREE SWIVEL
028821	05/11/23	MAN01	MANZANITA NURSERY	222.00	10388	PLANTS FOR LOT 54
028822	05/11/23	MIL01	MILLER LANDSCAPING AND MA	175.00	63089	OFFICE YARD MAINTENANCE 4/23
028823	05/11/23	NAT01	NATIONAL GROUP TRUST	788.65	23940623	LONG-TERM DISABILITY 6/23
028824	05/11/23	OLI01	OLIN CORP - CHLOR ALKALI	9154.00	900270528	3,956 GALS NaOCL
028825	05/11/23	PGE01	PACIFIC GAS & ELECT. INC.	21250.45	68720423	PGE CHARGES 3/17/23-4/17/23
028826	05/11/23	PIT03	PITNEY BOWES	961.95	01340423	POSTAGE FOR BILLS 4/23
028827	05/11/23	SMI04	SMITHS ALARMS & ELECTRONI	90.00	069064	SECURITY-OFFICE 6/23-8/23
028828	05/11/23	SOU01	SO.CALIFORNIA GAS CO.INC.	84.68	79000423	SO.CALIF GAS-WELL 1B 3/24/23-4/24/23
				194.47	84180423	SO.CALIF GAS-OFFICE 3/24/23-4/24/23
			Check Total.....:	279.15		
028829	05/11/23	TRA02	TRACTOR SUPPLY CREDIT PLA	368.43	26310423	STRAPS,VEGETATION MANAGEMENT,55 GALLON DRUM
028830	05/11/23	UBE01	UBEO WEST LLC	1034.44	4109042	COPIER-CONTRACT USAGE,MONTHLY BILLS,TONER FREIGHT
028831	05/11/23	UND01	UNDERGROUND SERVICE ALERT	25.75	420230795	USA TICKETS 4/23
028832	05/11/23	USA01	USA BLUE BOOK	1282.75	320625	PRESSURE/TEMP LOGGER,Y-STRAINER,1/2" QUILLS
				268.60	349643	SUMP PUMP FOR B/S#4

REPORT.: May 31 23 Wednesday
 RUN...: May 31 23 Time: 13:58
 Run By.: PATTY LECAVALIER

VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report
 Check Listing for 05-23 thru 05-23 Bank Account.: 13100

PAGE: 002
 ID #: PY-DP
 CTL.: VAN

Check Number	Check Date	Vendor Number	Name	Net Amount	Invoice #	Description
028832	05/11/23	USA01	USA BLUE BOOK	-410.37	C-320625C	CREDIT-1/2" QUILLS RETURNED RMA S03000960
Check Total.....:				1140.98		
028833	05/11/23	USB02	U.S.BANK CORPORATE PAYMEN	9155.51	32560423	SOFT STARTER, STARLINK, COSTCO, FLOORLINERS, FUEL, CWEA
028834	05/11/23	WAS01	WASTE MANAGEMENT CORPORAT	167.72	556158	TRASH COLLECTION-SHOP 4/23
				48.48	556162	TRASH COLLECTION-OFFICE 4/23
Check Total.....:				216.20		
028835	05/11/23	WEX01	WEX BANK	536.59	89080597	113.5 GALS FUEL
028836	05/11/23	\M005	ANGELA S. MUNGARAY	49.52	000C30401	CUSTOMER REFUND-MUN0012-144 OAK HILL DR.
028837	05/11/23	\Q001	ALEX J. QUIROZ	49.22	000C30401	CUSTOMER REFUND-QUI0019-489 MILKY WAY
028838	05/11/23	\S001	FRANCISCO E. SERRATO	100.12	000C30401	CUSTOMER REFUND-SER0001-3930 NEPTUNE AVE.
028839	05/11/23	\V005	STEVEN VIOR	122.57	000C30401	CUSTOMER REFUND-VIO0001-4282 SIRIUS AVE.
028840	05/11/23	\Y001	EDWARD YORK	104.03	000C30401	CUSTOMER REFUND-YOR0001-4091 CAPELLA DR.
028841	05/18/23	SAN18	SANTA BARBARA COUNTY SDA	80.00	C30518	SBCCSDA DINNER MEETING-J.BARGET & C.ALLEN
				-80.00	C30518u	Ck# 028841 Reversed
Check Total.....:				.00		
028842	05/18/23	SAN18	SANTA BARBARA COUNTY SDA	40.00	1C30518	SBCCSDA DINNER MEETING-C.ALLEN
				-40.00	1C30518u	Ck# 028842 Reversed
Check Total.....:				.00		
028843	05/25/23	ARA01	ARAMARK UNIFORM SERV.INC.	167.27	20290903	SHOP TOWELS 5/18/23
028844	05/25/23	BAB01	BABEL LINGUISTICS INC.	265.00	509	SPANISH TRANSLATION OF PUBLIC NOTICES
028845	05/25/23	CAL21	CALIFORNIA STATE LANDS CO	164.94	58439	SLC LEASE #7611-SITE #5 7/5/23-7/4/24
028846	05/25/23	CLS01	CLINICAL LABS OF SAN	462.00	995776	BACTERIA, IRON, MANG, PHYS, HALOACETIC ACID, THM 3/23
				392.00	996509	BACTERIA, IRON, MANG, PHYS, SULFATE, CHROMIUM, BORON4/23
Check Total.....:				854.00		
028847	05/25/23	COM03	COMCAST	364.23	10520523	INTERNET, BUS. CABLE, VOICE-OFFICE 5/20/23-6/19/23
028848	05/25/23	COR01	CORBIN WILLITS SYSTEM INC	846.05	C305151	SERVICE AND ENHANCEMENT FEE 6/23
028849	05/25/23	COR04	CORE & MAIN LP	1071.41	S800224	1 1/2" COUPLINGS, 3/4" BALL METER VALVES

REPORT.: May 31 23 Wednesday
 RUN....: May 31 23 Time: 13:58
 Run By.: PATTY LECAVALIER

VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report
 Check Listing for 05-23 thru 05-23 Bank Account.: 13100

PAGE: 003
 ID #: PY-DP
 CTL.: VAN

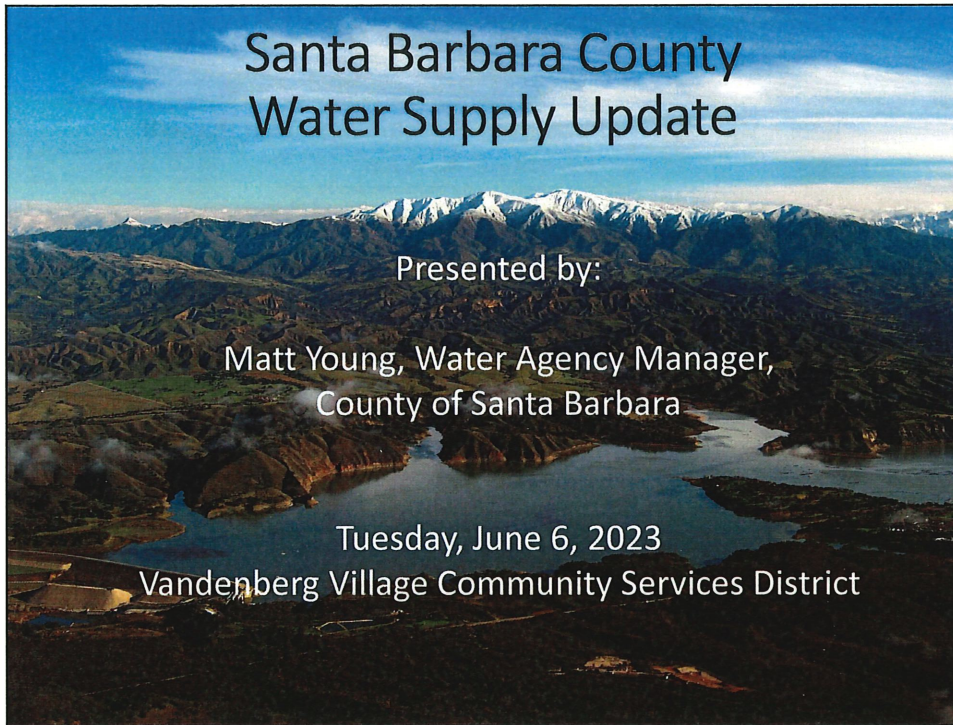
Check Number	Check Date	Vendor Number	Name	Net Amount	Invoice #	Description
028849	05/25/23	COR04	CORE & MAIN LP	400.58 91.28	S800228 S807076	1 1/2" 90S,1 1/2" SS INSERTS 1 1/2" FLARE COPPER ADAPTER
Check Total.....:				1563.27		
028850	05/25/23	FAM01	FAMCON PIPE & SUPPLY, INC	959.18	100091575	1" COUPLINGS,1" BALL METER VALVES
028851	05/25/23	FRO01	FRONTIER	126.85 312.09	28850523 49050523	FRONTIER 733-2109 5/13/23-6/12/23 FRONTIER 733-3615/3975/SCADA SYSTM 5/13/23-6/12/23
Check Total.....:				438.94		
028852	05/25/23	HPS01	HPS WEST, INC.	3167.43	1878	METERS AND REGISTERS
028853	05/25/23	HYD01	HYDRAFLO, INC.	266.46	42591	HYDRANT VALVE PLATES
028854	05/25/23	IND02	INDUSTRIAL TRUCK BODIES	3007.17	23-16589	LIGHTBAR,EMERGENCY LIGHTS,BACKRACK-2022 F150XL
028855	05/25/23	LOM01	CITY OF LOMPOC, FINANCE	38507.96	11793	WASTEWATER TREATMENT COSTS 4/23
028856	05/25/23	MIS01	MISSION PAVING, INC.	1500.00	5008	ASPHALT REPAIR-MERCURY AVE.,ENTERPRISE AVE.
028857	05/25/23	QUI03	QUINN COMPANY	266.62	24968901	RENT TRENCHER FOR WATER SERVICE LINE REPAIR
028858	05/25/23	SAN23	SANTA MARIA TIMES	59.18	196366	RFP AD FOR SEWER EMBANKMENT-2023 STORM DAMAGE
028859	05/25/23	SMI02	SMITH & LOVELESS, INC.	712.22	169227	PUMP VACUUM REPAIR KITS FOR LIFT STATIONS
028860	05/25/23	STA09	STAPLES CREDIT PLAN	1593.97	62000523	TONER,ENVELOPES,CHECKS,RECEIPTS,CARDS,STAMP,CLIPS
028861	05/25/23	STE04	STERICYCLE, INC.	233.16	3935332	DOCUMENT SHREDDING SERVICE 4/25/23,5/9/23
028862	05/25/23	VAL04	VALLEY ROCK READY MIX, IN	519.89 448.24	23-27057 23-27114	SLURRY-SERVICE LINE REPAIR-749 MERCURY AVE. SLURRY-SERVICE LINE REPAIR-719 ENTERPRISE AVE.
Check Total.....:				968.13		
028863	05/25/23	WES05	WESTERN EXTERMINATOR CO.	74.85 142.60	44909877 44909878	GOPHER CONTROL SERVICE 5/23 6 MO. SPRAY FOR INSECTS
Check Total.....:				217.45		
371222	05/01/23	TIE01	TIERZERO CLOUD COMMUNICAT	364.52	371222	TIERZERO CLOUD COMMUNICATIONS ACCT FEES 5/23
778009	05/19/23	SAN04	SANTA BARBARA COUNTY TREA	200000.00	C30519	WIRE TRANSFER TO SB COUNTY FUNE 3602
778010	05/19/23	LOC01	STATE TREASURER'S OFFICE	120000.00	C30519	WIRE TRANSFER TO LAIF 16-42-005
Cash Account Total.....:				433754.29		
Total Disbursements.....:				433754.29		
Cash Account Total.....:				.00		

REPORT.: May 31 23 Wednesday
 RUN...: May 31 23 Time: 13:58
 Run By.: PATTY LECAVALIER

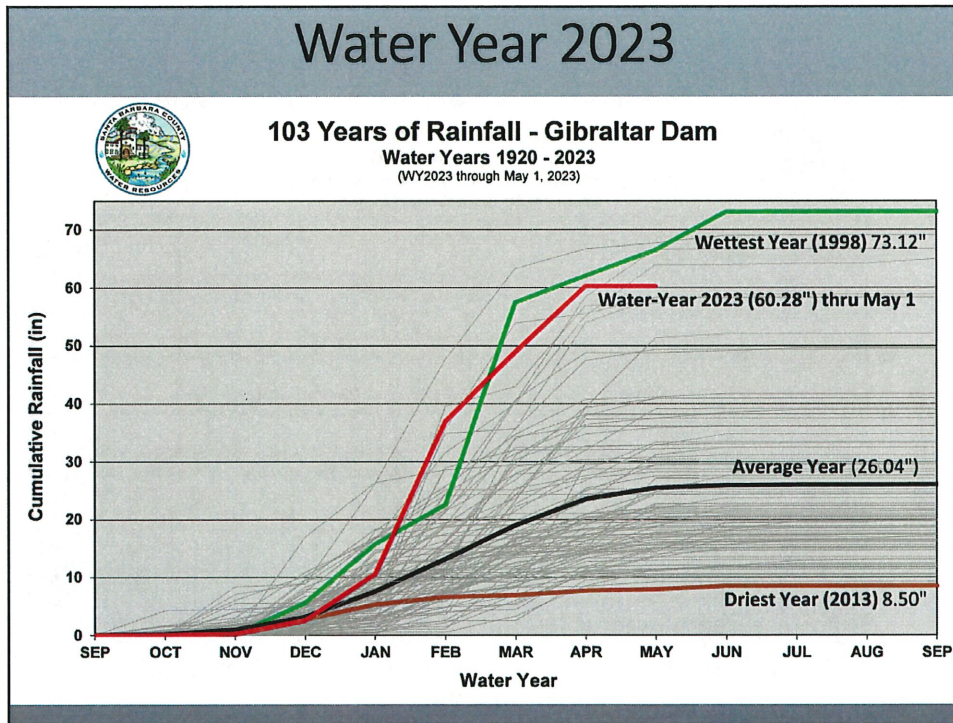
VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report - Payroll Vendor Payment(s)
 Check Listing for 05-23 thru 05-23 Bank Account.: 13101

PAGE: 004
 ID #: PY-DP
 CTL.: VAN

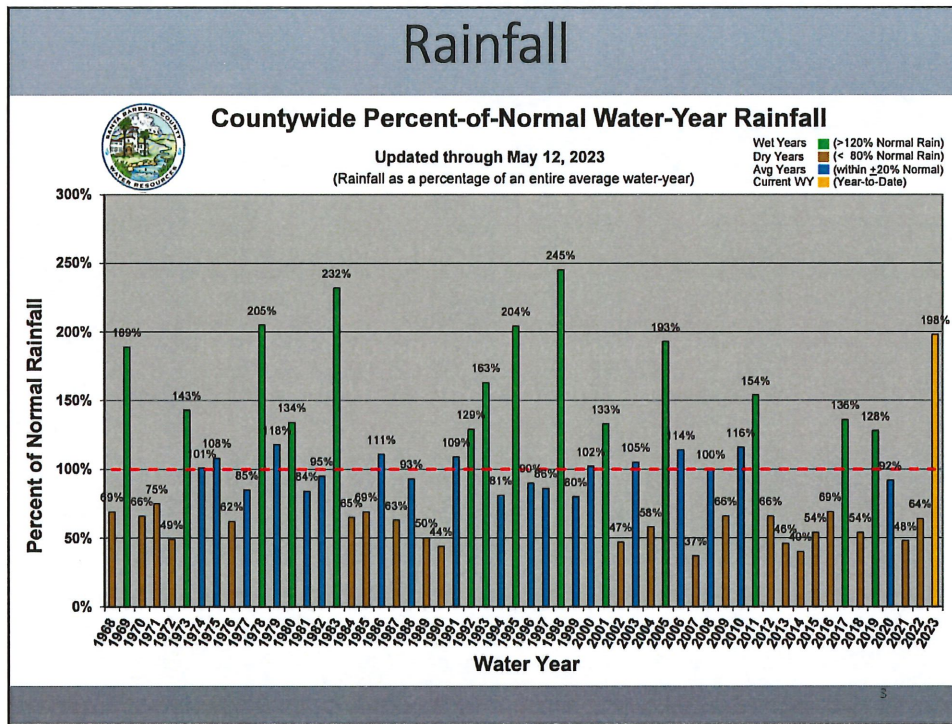
Check Number	Check Date	Vendor Number	Name	Net Amount	Invoice #	Description
242880	05/12/23	EMP01	EMPLOYMENT DEVELOP.DEPART	1920.29	C30512	STATE WH TAXES PP#10
242881	05/12/23	EMP01	EMPLOYMENT DEVELOP.DEPART	318.28	1C30512	STATE DISABILITY PP#10
535690	05/31/23	AFL01	AFLAC	120.96	C30531	AFLAC-PRETAX 5/23
535691	05/31/23	AFL01	AFLAC	2.88	1C30531	AFLAC-AFTER TAX 5/23
615960	05/12/23	EFT01	EFTPS	4746.87	C30512	FEDERAL WH TAXES PP#10
615961	05/12/23	EFT01	EFTPS	49.60	1C30512	FICA SOCIAL SECURITY DR#5
615962	05/12/23	EFT01	EFTPS	1048.78	2C30512	FICA MEDICARE PP#10
643200	05/12/23	PUB02	PUBLIC EMPLOYEES	1560.60	C30512	PERS TDMC PP#10
643201	05/12/23	PUB02	PUBLIC EMPLOYEES	1065.70	1C30512	PERS EPMC PP#10
643202	05/12/23	PUB02	PUBLIC EMPLOYEES	4285.64	2C30512	PERS EMPLR CONTRIB PP#10
643210	05/12/23	PER04	CALPERS 457 PLAN	1050.00	C30512	EMPLOYER PERS 457 PP#10
643211	05/12/23	PER04	CALPERS 457 PLAN	1050.00	1C30512	EMPLOYEE PERS 457 PP#10
672569	05/31/23	COL03	COLONIAL LIFE & ACCIDENT	224.58	C30531	COLONIAL LIFE PRETAX 5/23
725810	05/26/23	PUB02	PUBLIC EMPLOYEES	1560.60	C30526	PERS TDMC PP#11
725811	05/26/23	PUB02	PUBLIC EMPLOYEES	1065.70	1C30526	PERS EPMC PP#11
725812	05/26/23	PUB02	PUBLIC EMPLOYEES	4285.64	2C30526	PERS EMPLR CONTRIB PP#11
725820	05/26/23	PER04	CALPERS 457 PLAN	1050.00	C30526	EMPLOYER PERS 457 PP#11
725821	05/26/23	PER04	CALPERS 457 PLAN	1050.00	1C30526	EMPLOYEE PERS 457 PP#11
809920	05/26/23	EMP01	EMPLOYMENT DEVELOP.DEPART	1909.78	C30526	STATE WH TAXES PP#11
809921	05/26/23	EMP01	EMPLOYMENT DEVELOP.DEPART	317.25	1C30526	STATE DISABILITY PP#11
843070	05/26/23	EFT01	EFTPS	4725.16	C30526	FEDERAL WH TAXES PP#11
843071	05/26/23	EFT01	EFTPS	1022.26	1C30526	FICA MEDICARE PP#11
Cash Account Total.....:				34430.57		
Total Disbursements.....:				34430.57		



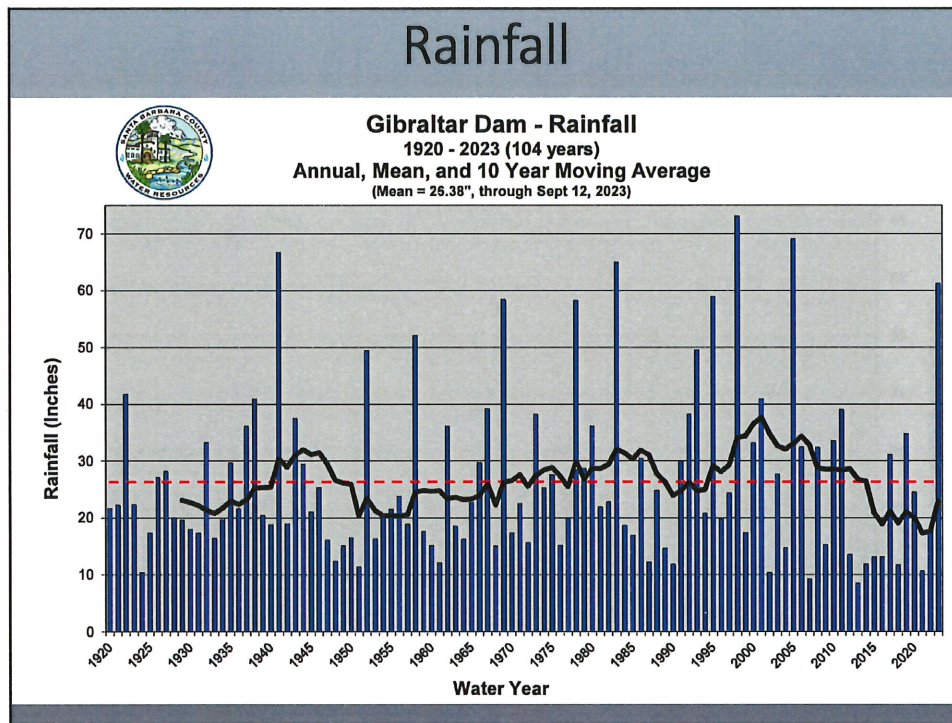
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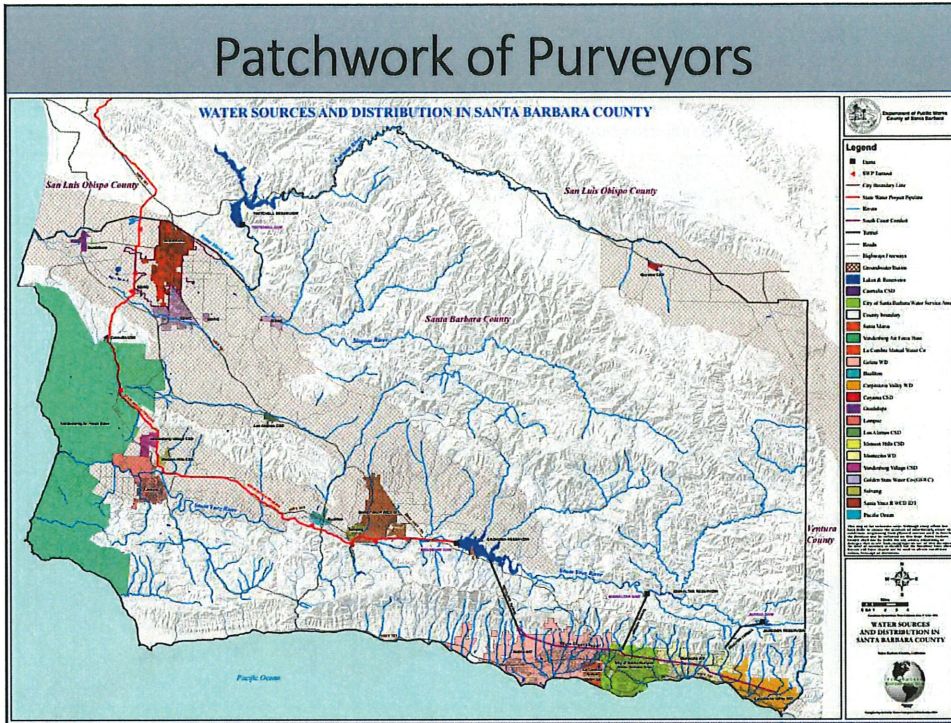


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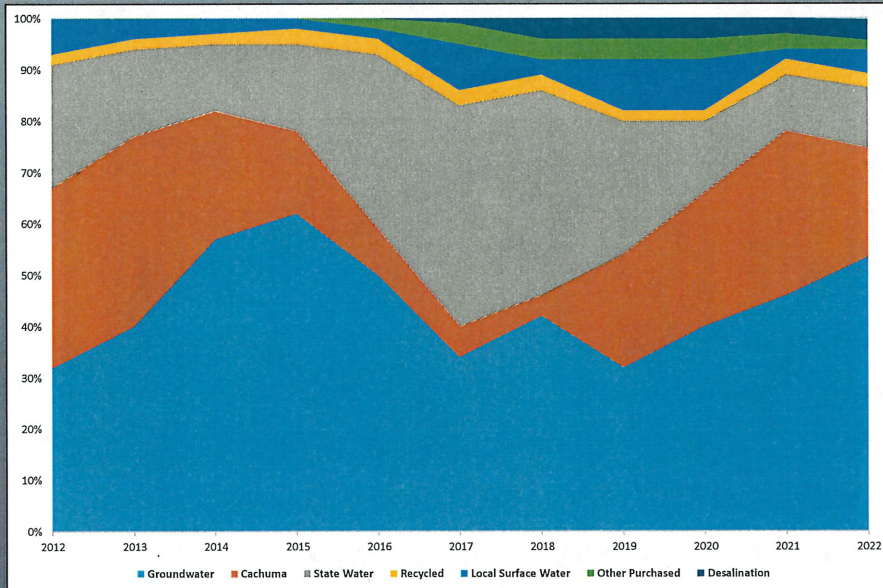
4

Patchwork of Purveyors

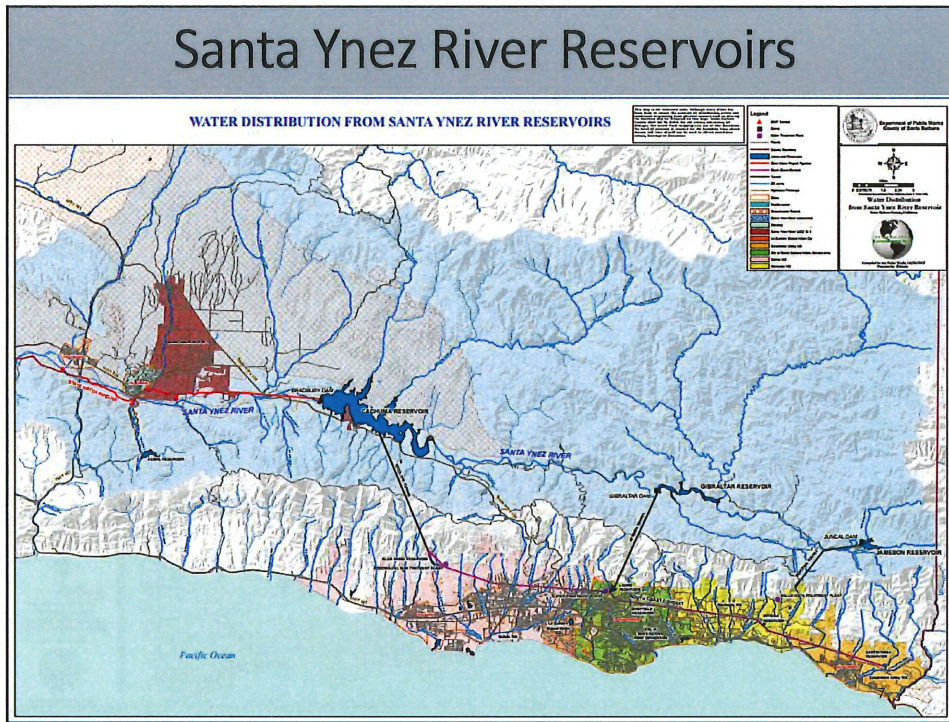


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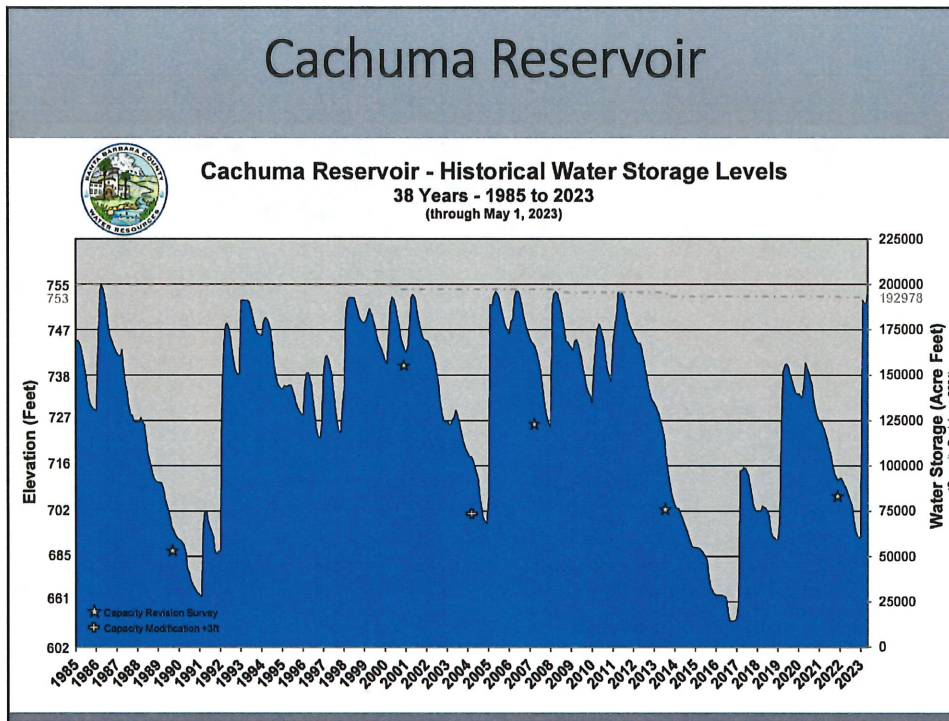
County Purveyors Potable Water Supply Portfolio



6



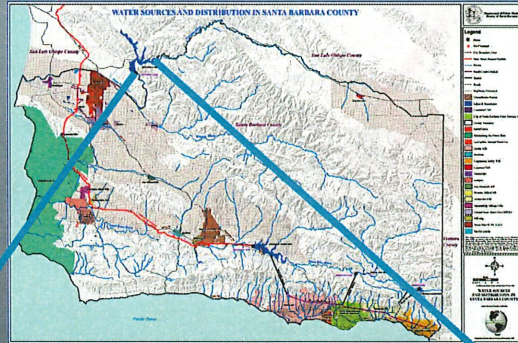
7



8

Twitchell Reservoir

- Constructed in late 1950's by US Bureau of Reclamation.
- Water conservation releases recharge SM Groundwater Basin.
- Flood Control benefits.

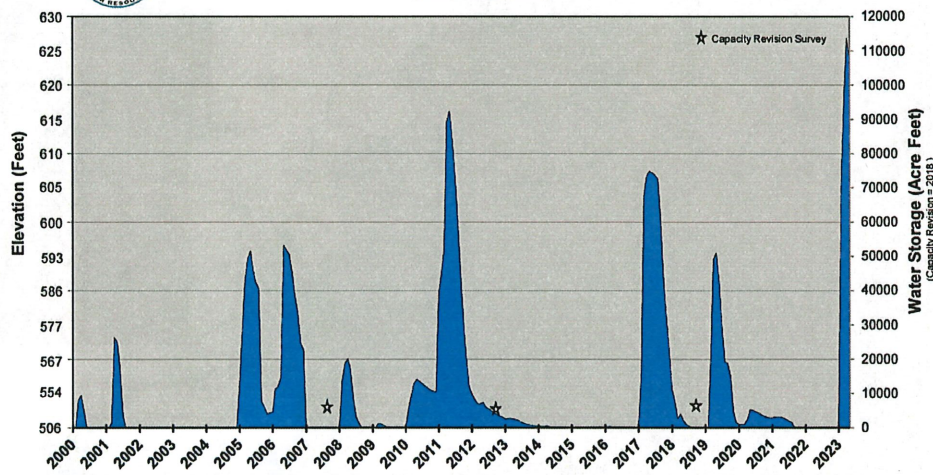


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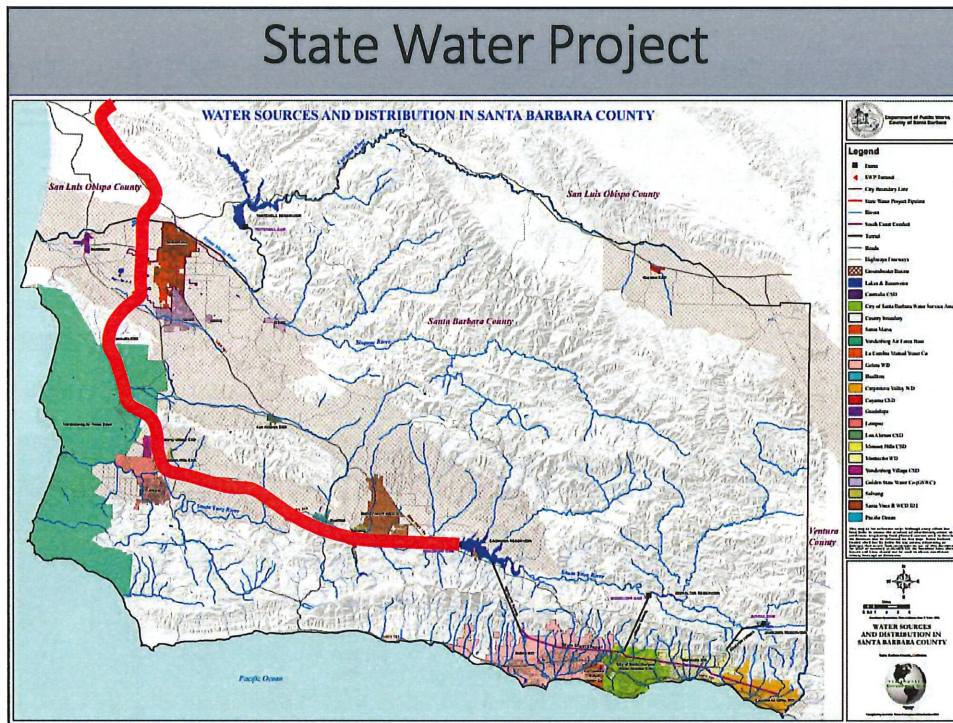
Twitchell Reservoir



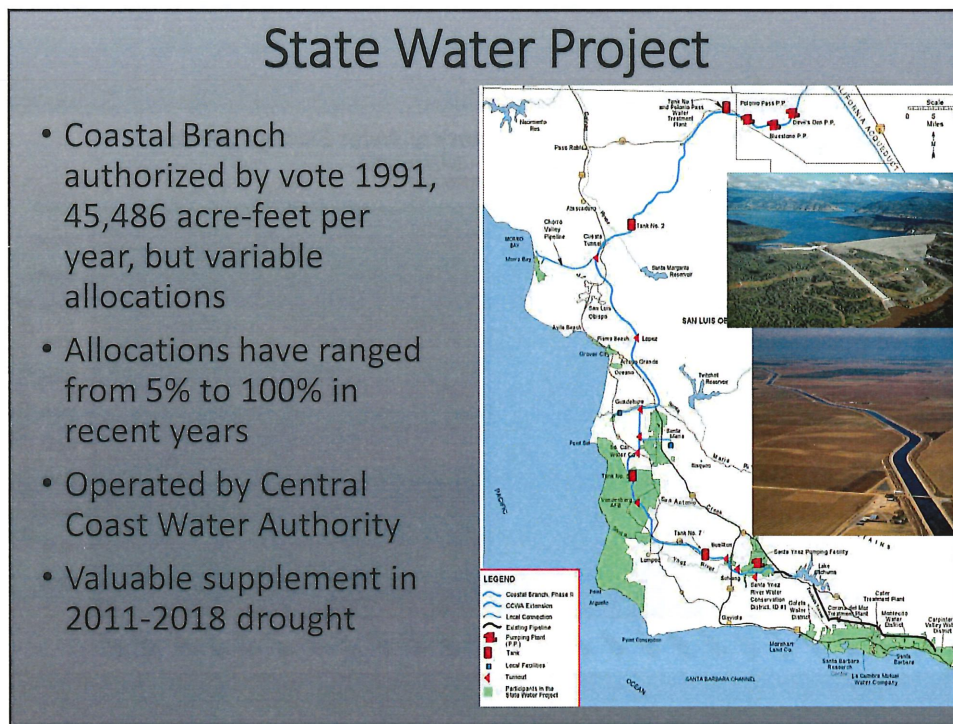
Twitchell Reservoir - Historical Water Storage Levels
23 Years - 2000 to 2023
(through May 1, 2023)



10



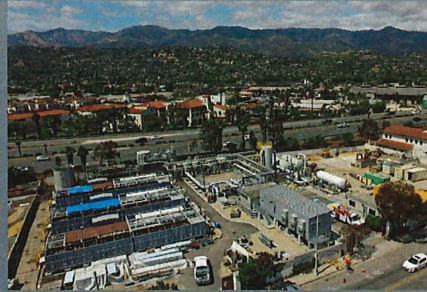
11



12

Desalination

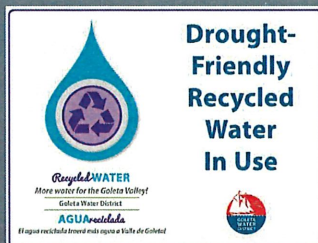
- City of Santa Barbara’s Desal Plant opened in 1991, subsequently decommissioned
- Reactivated October 2016
- Drought-resistant, local supply of 3,125 AFY
- 50-year agreement to supply Montecito Water District
- Permitted for up to 10,000 AFY
- SLO and SB County exploring possible regional plant.



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Recycled Water

- Recycled water forms
 - Direct non-potable (landscape / parks)
 - Indirect potable (GW Injection)
 - Direct Potable (toilet to tap)
- Direct non-potable currently produced by purveyors
- Carpinteria Advanced Purification Project in progress (Indirect reuse)
- County indirect reuse studies ongoing



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Precipitation Enhancement

- Cloud seeding program in partnership with 8 other agencies active since 1981
- Current study to assess effectiveness

HOW CLOUD SEEDING WORKS

1 Silver iodide particles are released from air and/or ground based flare trees. Particles rise with the updraft of storm's convective bands into the orographic clouds

2 The hygroscopic silver iodide particles help the super cooled liquid water freeze into ice crystals

3 Precipitation efficiency is enhanced as ice crystals fall as snow or rain

AIR FLOW

SANTA BARBARA COUNTY WATER AGENCY

SANTA BARBARA COUNTY CLOUD SEEDING PROGRAM

Twitchell Target Area

Santa Ynez Target Area

Ground Site (AHGGS)

Santa Barbara County Boundary

Reservoirs

Target Areas

0 10 20 40 60 80 Miles

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Stormwater Capture

- Water supply enhancement
- Water quality improvements
- Environmental benefits
- Reduced flood risk



Prepared for
Santa Barbara County Cooperating Entities

Santa Barbara County-Wide Integrated Stormwater Resource Plan

Santa Barbara, CA

Prepared by
Geosyntec[®]
consultants

engineers | ecologists | innovators

with assistance from
DUDEK

924 Anacapa Street, Suite 4A
Santa Barbara, CA 93101

Geosyntec Project Number: LA0432
September 2018

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Regional Water Efficiency Program

- Water Agency coordinates regional conservation and drought planning in partnership with **15 water purveyors**
- Public information:
 - WaterWiseSB website and social media, media campaigns, and Garden Wise TV Show
- Landscape:
 - Green Gardener classes, large landscape evaluations, guidebooks for greywater and sustainable landscape maintenance, etc.
- Youth education:
 - High School Video Contest, teacher grants, school assemblies, and Science Fair awards
- Commercial/institutional programs:
 - Water audits for Green Business Certification Program



For countywide water conservation information and resources:
WaterWiseSB.org

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Questions?

Matt Young
Santa Barbara County Water Agency

mcyoung@countyofsb.org

805.568.3546

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VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

3745 Constellation Road • Vandenberg Village • Lompoc, CA 93436
Telephone: (805) 733-2475 • Fax: (805) 733-2109



"Pride in Community Service"

<http://vvcsd.org>

info@vvcsd.org

Resolution 226-23

June 6, 2023

NOMINATING DIRECTOR STEVEN W. HEURING AS A BOARD MEMBER OF REGION 5 OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA)

WHEREAS, the Board of Directors of Vandenberg Village Community Services District encourages and supports the participation of its members in the affairs of statewide organizations such as the Association of California Water Agencies (ACWA) and the California Special Districts Association (CSDA); and

WHEREAS, in January 2023, the Board of Directors of Vandenberg Village Community Services District appointed Director Heuring to be its primary representative to ACWA; and

WHEREAS, Director Heuring has indicated a desire to serve on the ACWA Region 5 Board.

NOW, THEREFORE BE IT RESOLVED that the Board of Directors of Vandenberg Village Community Services District does hereby place its full and unreserved support in the nomination of Director Heuring as a Board Member of ACWA Region 5; and hereby determines that the expenses attendant with the service of Director Heuring in ACWA Region 5 shall be borne by Vandenberg Village Community Services District.

PASSED AND ADOPTED by the Board of Directors of Vandenberg Village Community Services District this 6th day of June 2023, upon motion by Director _____, seconded by Director _____, and as approved by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

Stephanie Garner
Secretary to the Board of Directors

Richard Gonzales, Vice President
Board of Directors

REGION BOARD CANDIDATE NOMINATION FORM

Submit completed form by **June 16, 2023** to regionelections@acwa.com

Name of Candidate: Steven W. Heuring	Title: Director
Agency: Vandenberg Village CSD	Agency Phone: 805-733-2475
Direct Phone: 805-733-0243	E-mail: sheuring@vvcasd.org
Address: 3920 Rigel Avenue, Lompoc CA 93436	ACWA Region: 5 County: Santa Barbara

Region Board Position Preference
If you are interested in more than one position, please indicate priority - 1st, 2nd and 3rd choice.

Chair:

Vice Chair:

Board Member:

Agency Function(s)
Check all that apply

Wholesale

Urban Water Supply

Ag Water Supply

Sewage Treatment

Retailer

Wastewater Reclamation

Flood Control

Groundwater Management / Replenishment

Other:

If you are not chosen for the recommended slate, would you like to be listed in the ballot's individual candidate section?
If neither is selected, your name will NOT appear on the ballot.

Yes No

Describe your ACWA-related activities that help qualify you for this office:

I had frequent conversations with the General Manager, Staff and the various Directors. Although I am in no way an expert I have learned a lot about water treatment, distribution and delivery, conservation and wastewater reclamation. In December 2022 I was appointed as a Director of the Vandenberg Village CSD.

Write below or attach a half-page bio summarizing the experience and qualifications that make you a viable candidate for ACWA Region leadership. Please include the number of years you have served in your current agency position, the number of years you have been involved in water issues and in what capacity you have been involved in the water community. You may share a candidate photo along with your application. Candidate photos and bios will be shared on the ACWA region election webpage.

I served on active duty for 26 years and retired from the USAF in 1999 in the rank of Senior Master Sergeant. In December 2021, I retired from Federal Civil Service after serving 21 years. I have been deeply involved in my community serving in leadership roles for the Vandenberg Village Association, Vandenberg Village Lions Club, and the Vandenberg Village Park & Playground Coalition. Over the years I have developed a keen interest in the operation of our Community Service District.

I acknowledge that the role of a region board member is to actively participate on the Region Board during my term, including attending region board and membership meetings, participating in region conference calls, participating in ACWA's Outreach Program, as well as other ACWA functions to set an example of commitment to the region and the association.

I hereby submit my name for consideration by the Nominating Committee.

Steven W. Heuring <small>Digitally signed by Steven W. Heuring Date: 2023.05.09 14:32:48 -07'00'</small>	Director	9 May 2023
Signature	Title	Date

Please attach a copy of your agency's resolution of support / sponsorship for your candidacy.

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

3745 Constellation Road • Vandenberg Village • Lompoc, CA 93436
Telephone: (805) 733-2475 • Fax: (805) 733-2109



-39-

"Pride in Community Service"

<http://vvcasd.org>

into@vvcasd.org

Resolution 227-23

June 6, 2023

ELECTING TO HAVE LRWRP UPGRADE CHARGES COLLECTED ON THE TAX ROLL FOR FISCAL YEAR 2023-2024

WHEREAS, Vandenberg Village Community Services District was established in 1983 as a local government agency under California Government Code Section 61000 et seq. to provide water and wastewater services to the community of Vandenberg Village, an unincorporated area of Santa Barbara County north of Lompoc; and

WHEREAS, under Government Code Section 61115(a)(1), the Board of Directors (the "Board") of the Vandenberg Village Community Services District (the "District") is authorized to establish rates and charges for services and facilities that the District provides; and

WHEREAS, on July 1, 2010, the District entered into a 35-year Wastewater Service Agreement with the City of Lompoc which requires the District to pay a proportionate share of the \$115 million Lompoc Regional Wastewater Reclamation Plant (LRWRP) Upgrade Project which was completed in 2009; and

WHEREAS, on June 1, 2010, the Board passed and adopted an ordinance prescribing LRWRP Upgrade charges to be collected on the monthly bills; and

WHEREAS, under Government Code Section 61115(b), the Board desires to provide for the collection of LRWRP Upgrade charges on the tax roll with the general taxes for Fiscal Year 2023-2024; and

WHEREAS, the District General Manager prepared and filed with the Board a report that describes each affected parcel of real property and the amount of charges and delinquencies for each affected parcel for the year; and

WHEREAS, a public hearing was held on August 1, 2017, at 7:00 p.m. at which the Board heard and considered all objections and protests to the report; and

WHEREAS, such notice was published pursuant to Government Code Section 6066 as appears by the affidavit of publication on file in the office of the Secretary; and

NOW, THEREFORE IT IS HEREBY RESOLVED AND ORDERED as follows:

1. Pursuant to Government Code Section 61115(b) the election is hereby made to continue to have the LRWRP Upgrade charges collected on the tax roll in the same manner, by the same persons, at the same time as, together with, and not separately from, the general taxes.
2. The report and the charges therein are adopted and determined to be final, and the charges shall be collected on the tax roll of the County of Santa Barbara in the manner provided by law.
3. The Administrative Services Manager of the District is hereby authorized, prior to the submission to the Auditor-Controller of Santa Barbara County, to make any necessary modifications to such LRWRP Upgrade charges to correct any errors, omissions, or inconsistencies in the listing or categorization of parcels (provided that any such modifications shall not increase the applicable LRWRP Upgrade charges to any category of parcels).
4. District staff is directed to file a copy of the report with the Santa Barbara County Auditor-Controller on or before July 28, 2023.
5. The Santa Barbara County Auditor-Controller shall, upon receipt of the report, enter the amount of the charges set forth therein against the respective lots or parcels as they appear on the assessment roll for Fiscal Year 2023-2024.

PASSED AND ADOPTED by the Board of Directors of the Vandenberg Village Community Services District this 6th day of June 2023 upon motion by Director _____, seconded by Director _____ and as approved by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Richard Gonzales, Vice President
Board of Directors

ATTEST:

Stephanie Garner
Secretary to the Board of Directors

LAFCO MEMORANDUM

SANTA BARBARA LOCAL AGENCY FORMATION COMMISSION
105 East Anapamu Street • Santa Barbara CA 93101 • (805) 568-3391 + Fax (805) 568-2249

May 5, 2023

TO: Each City Manager
Each Special District Manager
Board of Supervisors (Clerk of the Board)
County Administrator's Office

FROM: Mike Prater
Executive Officer

SUBJECT: TRANSMITTAL OF ADOPTED FISCAL YEAR 2023-24 LAFCO BUDGET

Attached is a copy of the Final Fiscal Year 2023-24 LAFCO Budget adopted by the Commission in May 2023. The Commission considered and approved the budget at its regular meeting on May 4, 2023. The County Auditor will prepare an invoice for each agency based on the revenues reported in the State Controllers latest annual report.

Please contact me at 805-568-3391 if you have any questions. Thank you.

Enc.

cc. LAFCO Commissioners
Betsy Schaffer, Auditor, Santa Barbara County
William Dillon, LAFCO Legal Counsel

SANTA BARBARA LOCAL AGENCY FORMATION COMMISSION
Operating Fund #5320, Santa Barbara LAFCO, Department # 815

ADOPTED FINAL 2023-2024 BUDGET - MAY 4, 2023

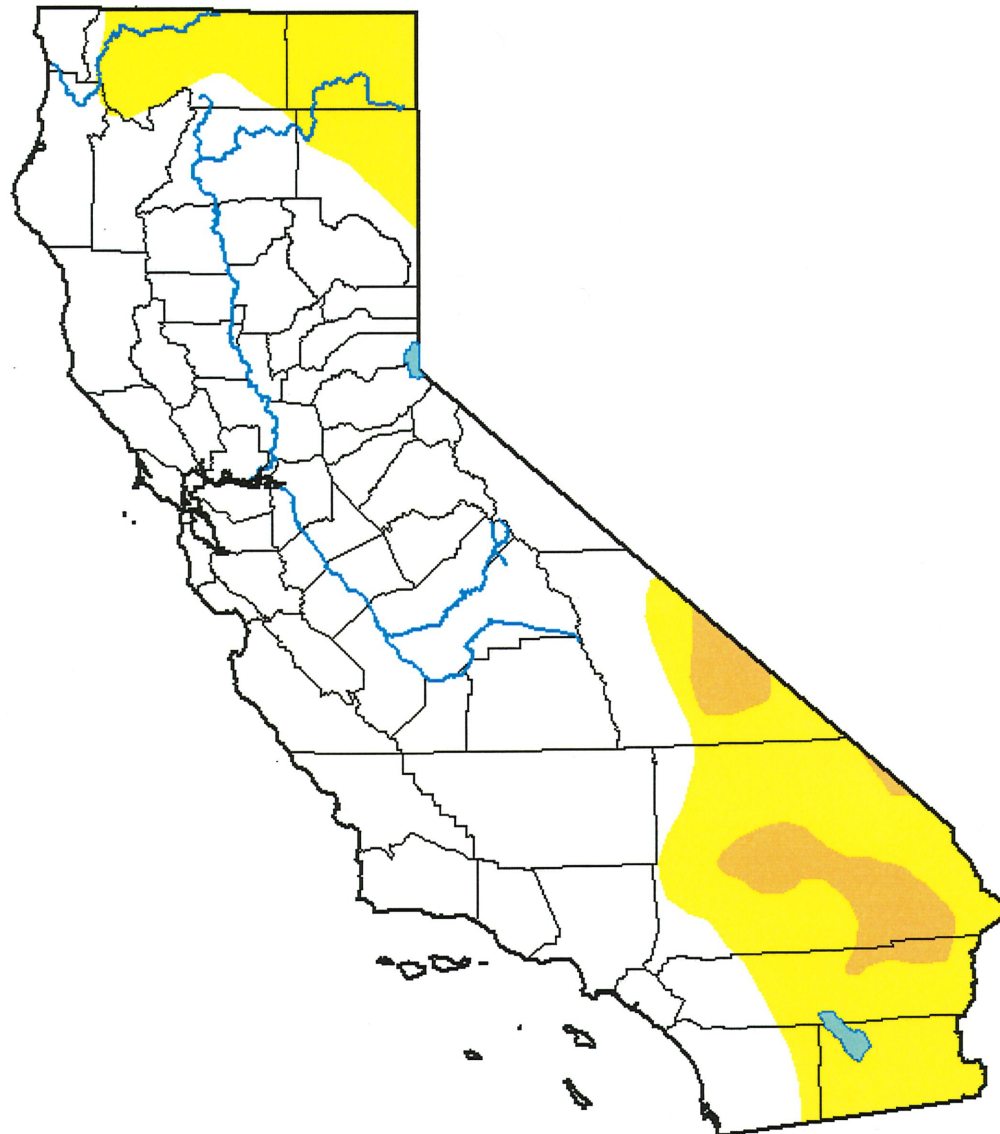
Final 5/4/2023

Account Name and Number	2022-23 Final Budget	As of 3/31/23	Projected Year-End	2023-24 Recommended Budget	Inc/Dec	% Inc/Dec
REVENUES						
Interest Income - 3380	4,000	2,553	2,553	2,000	-2,000	-50%
Unrealized Gain/Loss - 3381	0	0	0	0	0	0%
Other Gov't Agencies - 4840	580,072	550,340	580,072	540,236	-39,836	-7%
Planning Studies Service - 5738	25,000	25,000	25,000	18,000	-7,000	-28%
Misc. Revenue - 5909	7,135	8,087	9,175	11,000	0	0%
Total Revenues	616,207	585,980	616,800	571,236	-44,971	-7%
EXPENDITURES						
Salaries and Benefits						
Commissioner Stipends - 6210	22,000	11,268	22,000	22,000	0	0%
Regular Salary - 6100	274,887	180,530	272,000	293,731	18,844	7%
FICA Contribution - 6500	7,422	9,973	14,785	15,861	8,439	114%
FICA/Medicare - 6550	4,275	2,828	3,675	6,462	2,187	51%
Retirement-Employer Contribution - 6400	24,935	13,852	20,390	23,866	-1,069	-4%
Retirement - Employee Contribution - 5771	24,925	13,852	20,390	23,866	-1,059	-4%
Unemployment Insurance - 6700	3,563	2,610	3,500	6,630	3,067	86%
Fed Unemploy Tax-Employer Cont - 6700	300	117	300	300	0	0%
Fixed Costs (\$):						
Health Plan/Contribution - 6600	22,500	21,418	22,500	26,215	3,715	0%
Life/Disability Insurance - 6610	3,200	1,977	3,200	3,000	-200	0%
Def Comp - EO Employer - 6100	4,200	2,430	4,200	4,200	0	0%
Phone/Cash Allowance - 7811	2,750	1,624	2,450	2,450	-300	0%
Auto Allowance - 7326	7,000	4,667	7,000	7,000	0	0%
Total Salaries and Benefits	377,032	267,144	376,000	411,716	34,684	9%
STAFF SUPPORT						
Contractual Staff Services - 7510	30,000	2,329	2,329	0	-30,000	-100%
Total Staff Support	30,000	2,329	2,329	-	(30,000)	-100%
Services and Supplies						
Audit Fees - 7324	10,000	0	11,130	12,000	2,000	20%
Memberships - 7430	9,500	1,250	1,250	9,540	40	0%
Office Expense - 7450	1,500	2,391	2,211	1,500	0	0%
Equipment Maintenance - 7120	0	0	0	0	0	0%
Copier Expense - 7453	500	0	0	2,000	1,500	0%
Prof & Special Services - 7460	53,000	40,552	50,000	50,000	-3,000	-6%
Payroll Fees - 7507	2,750	1,546	2,800	2,750	0	0%
Legal Services -7508	50,000	34,799	50,000	50,000	0	0%
Pubs & Legal Notices - 7530	2,000	1,030	2,298	2,000	0	0%
Postage - 7451	250	471	700	1,000	750	0%
Gen Fund Cost Allocation - 7669	38,100	29,074	38,100	-245	-38,345	-101%
Training and Travel - 7732	29,000	14,647	26,000	26,000	-3,000	-10%
Total Services and Supplies	196,600	125,760	184,489	156,545	-40,055	-20%
Other Charges						
Electricity - 7801	500	485	500	500	0	0%
Natural Gas - 7802	175	166	175	175	0	0%
Water - 7803	150	97	150	150	0	0%
Refuse - 7804	200	123	200	200	0	0%
Utility Services - 7806	100	30	100	100	0	0%
Liability Insurance - 6900	1,000	824	1,350	1,400	400	0%
Telephone Services - 7897	150	298	440	450	300	200%
Total Other Charges	2,275	2,022	2,915	2,975	700	31%
%						
Contingency Reserve - 9600	0	0	0	0	0	0
Total Contingency Reserve	238,312		289,379	0	289,379	21.4%
Total Exp/Appropriations	616,207	397,255	565,733	571,236	-44,971	-7.3%
Net Financial Impact	0	188,725	51,067	0	0	0.0%

*\$0 contingency will be added to reserves in FY 23/24. The estimated contingency reserve balance will be \$289,000

U.S. Drought Monitor California

May 30, 2023
(Released Thursday, Jun. 1, 2023)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	70.88	29.12	4.63	0.00	0.00	0.00
Last Week 05-23-2023	70.86	29.14	4.63	0.00	0.00	0.00
3 Months Ago 02-28-2023	16.71	83.29	49.13	24.96	0.00	0.00
Start of Calendar Year 01-03-2023	0.00	100.00	97.93	71.14	27.10	0.00
Start of Water Year 09-27-2022	0.00	100.00	99.76	94.01	40.91	16.57
One Year Ago 05-31-2022	0.00	100.00	99.86	97.56	59.81	11.59

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Richard Heim
NCEI/NOAA



droughtmonitor.unl.edu

READY, SET, GO!

Your Personal Wildfire Action Plan



Santa Barbara County Fire Department



Ready, Set, Go!

Wildfire Action Plan: Saving Lives and Property Through Advance Planning

Wildfires are now a year-round reality in Santa Barbara County. This means that both firefighters and residents have to be prepared against the threat from brush fires at all times.

Firefighters train hard and make countless preparations to be ready for a wildfire. Residents need to do the same. Successfully preparing for a wildfire requires you to take personal responsibility for protecting yourself, your family and your property.

The Santa Barbara County Fire Department takes every precaution to help protect you and your property from a wildfire. But the reality is, during a major wildfire, there will simply not be enough fire engines or firefighters to defend every home, especially during the first hours of a major wildfire, so you must become part of the solution.

If your home borders a natural area, what firefighters call the Wildland Urban Interface, you are directly at risk from a wildfire. And, if you live within one mile of a natural area, you live in the Ember Zone. Homes in the Ember Zone are at risk from wind-driven embers from a wildfire. Recent fires have resulted in entire neighborhoods being destroyed by fires started by embers, not the wildfire itself.

This publication will help guide you through the process of making your home resistant to wildfires, and your family ready to leave early and safely. We call this process, "Ready, Set, Go!"

You will learn about the Ember Zone and how to retrofit your home with features that protect it from embers. We'll show you the importance of having defensible space around your home and the preparations you need to make so you can leave early, evacuating before the fire reaches you.

Fire is, and always has been, a natural part of the beautiful area where we've chosen to live. Wildfires, fueled by build-up of dry vegetation and driven by hot, dry winds, are extremely dangerous and almost impossible to control. Many residents have built their homes and landscaped without fully understanding the impact a fire could have on them. This publication will help you prepare your home so you can leave early, confident that you've done everything you can reasonably do to protect your home.

It's not a question of if, but when, the next wildfire will occur. That's why the most important person protecting your life and property is not a firefighter, but you. With advance planning and preparation, you can dramatically increase your safety and the survivability of your property.

We hope you'll find the information on the next pages helpful as you prepare your home and family for a wildfire. Remember: Ready, Set, Go!

— Santa Barbara County Fire Department

This publication was prepared by Santa Barbara County Fire. Special thanks to CALFIRE, Orange County Fire Authority, FireSafe Council, Firewise Communities, and the Institute for Business and Home Safety as well as many other organizations for their contributions to the content. Ready, Set, Go! is also supported by:





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Get READY — Create a Defensible Home

Living in the Wildland Urban Interface and the Ember Zone

Ready, Set, Go! begins with a house that firefighters can defend.

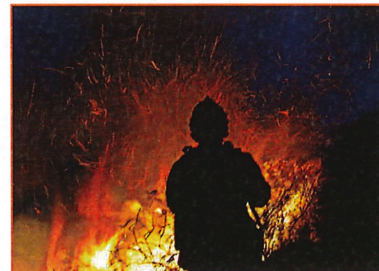
DEFENSIBLE SPACE WORKS!

If you live next to a natural area, the Wildland Urban Interface, you must provide firefighters with the defensible space they need to protect your home. The buffer zone you create by removing weeds, brush and other vegetation helps to keep the fire away from your home and reduces the risk of flying embers.



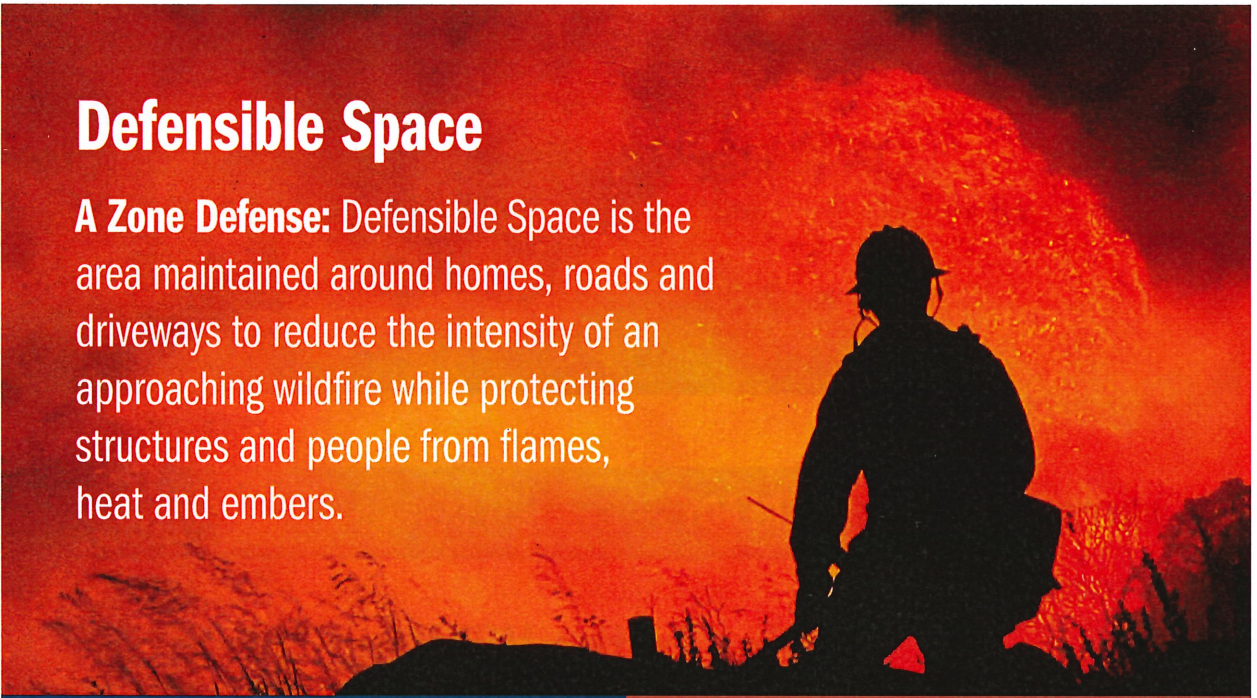
THE EMBER ZONE

A home within one mile of a natural area is in the Ember Zone. Wind-driven embers can attack your home. You and your home must be prepared well before a fire occurs. Ember fires can destroy homes or neighborhoods far from the actual flame front of the wildfire.



Defensible Space

A Zone Defense: Defensible Space is the area maintained around homes, roads and driveways to reduce the intensity of an approaching wildfire while protecting structures and people from flames, heat and embers.



Zone Zero: 0'-5' 0

This area starts at your roof and extends 5 feet from walls. Embers are your home's biggest threat!

Remove all combustible materials and protect vents and openings where wind-blown embers can enter.

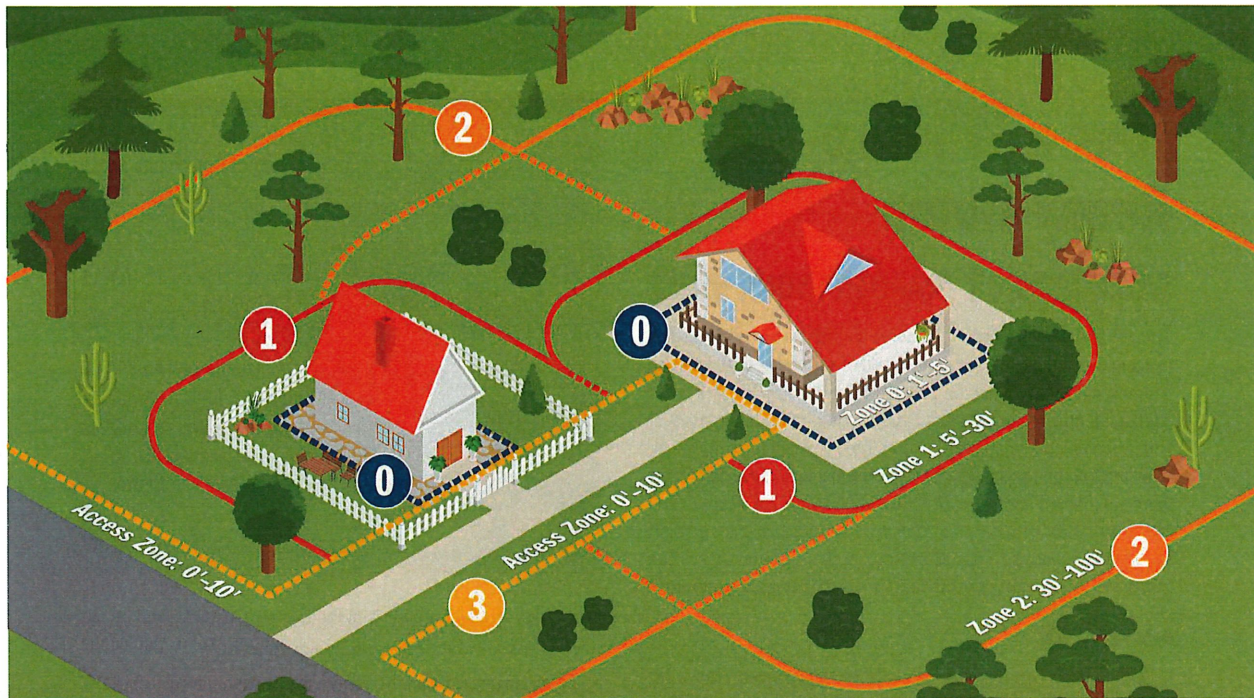
1. Use only inorganic, non-combustible mulches such as stone or gravel.
2. Remove combustible outdoor furniture. Replace with metal or non-combustible varieties.
3. Replace jute or natural fiber doormats with heavy rubber or metal grates.
4. Remove or relocate all combustible materials including garbage and recycling containers, lumber, trash and patio accessories.
5. Clean all fallen leaves and needles.
6. No vegetation is recommended within 5' of any structure.
7. Remove tree limbs that extend into this zone. Fire prone tree varieties should be removed if they extend into this zone.
8. Do not store firewood, lumber or combustibles here, even (especially) under decks or overhangs. Move stored combustibles inside or at least 30' from any structure.
9. Hardscaping is strongly recommended around the base of structures.

Zone 1: 5'-30' 1

Zone 1 extends 30 feet out from buildings, decks and other structures.

Keep this area "Lean, Clean and Green," and be sure to maintain regularly throughout fire season!

1. Remove all dead grasses, weeds, plants and foliage.
2. Remove fire-prone plant varieties.
3. Remove all fallen leaves, needles, twigs, bark, cones and branches.
4. Remove "Gorilla Hair" or shredded bark mulch. Use only compost or heavy bark mulch to maintain soil moisture, or for erosion control.
5. Choose only fire resistant plants, and keep them healthy and well irrigated.
6. Provide spacing between shrubs, and add space on steeper slopes.
7. Remove limbs 6' to 10' from the ground.
8. Remove branches that overhang your roof or within 10' of chimneys.
9. Move firewood and lumber out of Zone 1.
10. Remove combustibles around and under decks and awnings.
11. Clear vegetation around fences, sheds, outdoor furniture and play structures.
12. Outbuildings and LPG tanks should have at least 10' of clearance.



Zone 2: 30'-100' 2

Zone 2 is the space extending 30 to 100 feet from buildings, decks and other structures.

Reduce fuel for fire and separate trees and shrubs in the area. Remove dead vegetation regularly.

1. Cut annual grasses and weeds to a maximum height of 4".
2. Create horizontal spacing between shrubs and trees.
3. Create vertical spacing between grass, shrubs and lower tree limbs.
4. Allow no more than 3" of loose surface litter (consisting of fallen leaves, needles, twigs, cones and small branches), if needed, to protect from erosion.
5. Remove all piles of dead vegetation.

Work With Your Neighbors

Many homes do not have 100' of space between structures and parcel lines. Property owners are required to maintain defensible space only to their property line.

Work with neighbors to help provide defensible space for their homes, and ask neighbors for help if their property threatens yours. In most cases, the most effective solution is a cooperative approach between neighbors.

Access Zone: 0'-10' 3

Property owners are responsible for vegetation adjacent to roads and driveways.

Access roads are critical for evacuation and first responder access. Maintenance is required year-round.

1. Clear vegetation 13.5' overhead and 10' from sides of roads and driveways in the same manner as Defensible Space Zone 1.
2. Maintain 12' of unobstructed pavement of passage of vehicles.
3. Within this zone, choose only fire resistant plant varieties and ensure that they do not extend into the roadway.
4. 13.5' of clearance is required above the roadway for emergency vehicle access.
5. Address numbers must be clearly visible from the road, with at least 4" numbers on a contrasting background. Reflective or lighted numbers are best.
6. Create vertical spacing between shrubs and lower tree limbs.

Public Right of Way

Many property owners mistakenly believe that they are not responsible for roadside vegetation fronting their property. Property owners are responsible for vegetation adjacent to roads and driveways, even in the public right of way. Ensure that vegetation is maintained on all sides of your property.

Tour a Wildfire-Ready Home

SAFEGUARD OR “HARDEN” YOUR HOME

The ability of your home to survive a wildfire depends on the materials your home is constructed of and the quality of the “defensible space” surrounding it. Windblown embers from a wildfire will find the weak link in your home’s fire protection scheme and gain the upper hand because of a small, overlooked, or seemingly inconsequential factor. However, there are measures you can take to safeguard your home from wildfire. While you may not be able to accomplish all of the measures listed below, each will increase your home’s—and possibly your family’s—safety and survival.

Address 1

- Make sure your address is clearly visible from the road. The address needs to be a contrasting color to the surface that it is mounted on, so it can be seen.

Chimney 2

- Cover your chimney and stovepipe outlets with a non-flammable screen of 1/8-inch wire mesh or smaller to prevent embers from escaping and igniting a fire.
- Tree branches must be removed within 10 feet of any chimney.

Deck/Patio Cover 3

- Use heavy timber or non-flammable construction material for decks and patio covers, especially within the first 10 feet of the home.
- Enclose the underside of balconies and decks with fire-resistant materials to prevent embers from blowing underneath.
- Keep your deck clear of combustible items, such as baskets, dried flower arrangements, and other debris.

Driveways and Access Roads 4

- Driveways should be designed to allow fire and emergency vehicles and equipment to reach your home (current fire code requirement is 12 feet wide).
- Access roads should have a minimum 10-foot clearance on either side of the traveled section of the roadway and should allow for two-way traffic.
- Locked or electric gates should have a disconnect or a lock box.



- Ensure that all gates open inward and are wide enough to accommodate emergency equipment.
- Trim trees and shrubs above all roads to maintain 13½ (13.5) feet of vertical clearance.

Garage 5

- Have a fire extinguisher and tools, such as a shovel, rake, bucket, and hoe, available for fire emergencies.
- Install a solid door with self-closing hinges between living areas and the garage. Install weather stripping around and under the doors to prevent ember intrusion.
- Store all combustibles and flammable liquids away from ignition sources.
- Keep the garage closed whenever possible.

Home Site and Yard 6

- Ensure you have up to a 100-foot radius of defensible space (cleared vegetation) around your home. If the 100-foot distance is on adjacent property, contact your local fire station for assistance in obtaining adequate clearance.
- Cut dry weeds and grass before noon when temperatures are cooler to reduce the chance of sparking a fire when using metal tools.
- Landscape with fire-resistant plants that are low-growing with high-moisture content.
- Keep woodpiles, propane tanks, and combustible materials away from your home and other structures, such as garages, barns, and sheds (recommended 30 feet).
- Ensure trees and branches are at least four feet away from power lines. Notify your power company if this condition exists; they will complete required work.

Inside

- Keep a working fire extinguisher on hand and train your family how to use it. Store in an easily accessible location (check expiration date regularly).
- Install smoke alarms on each level of your home and adjacent to the bedrooms. Test them monthly and change the batteries twice a year.



Non-Combustible Boxed-In (Soffit) Eaves

- Box-in eaves with non-combustible materials to prevent accumulation of embers.



Non-Combustible Fencing 7

- Make sure to use non-combustible fencing to protect your home during a wildfire.

Rain Gutters

- Screen or enclose rain gutters to prevent accumulation of plant debris.



Roof 8

- Your roof is the most vulnerable part of your home because it can easily catch fire from wind-blown embers.
- Homes with wood shake or shingle roofs are at a higher risk of being destroyed during a wildfire.
- Build your roof or re-roof with fire-resistant materials that include composition, metal, or tile.
- Block any spaces between roof decking and covering to prevent ember intrusion.
- Clear pine needles, leaves, and other debris from your roof and gutters.
- Cut any tree branches within 10 feet of your roof.

Vents

- Vents on homes are particularly vulnerable to flying embers.
- All vent openings should be covered with 1/8-inch or smaller metal mesh. Do not use fiberglass or plastic mesh because they can melt and burn.
- Attic vents in eaves or cornices should be baffled or otherwise to prevent ember intrusion (mesh is not enough).



Walls 9

- Wood products, such as boards, panels, or shingles, are common siding materials. However, they are combustible and not good choices for fire-prone areas.
- Build or remodel with fire-resistant building materials, such as brick, cement, masonry, or stucco.
- Be sure to extend materials from foundation to roof.

Water Supply 10

- Have multiple garden hoses that are long enough to reach any area of your home and other structures on your property.



Windows 11

- Heat from a wildfire can cause windows to break even before the home ignites. This allows burning embers to enter and start internal fires. Single-paned and large windows are particularly vulnerable.
- Install dual-paned windows with an exterior pane of tempered glass to reduce the chance of breakage in a fire.
- Limit the size and number of windows in your home that face large areas of vegetation.

Utilities

- Ensure that your family knows where your gas, electric, and water main shut-off controls are and how to safely shut them down in an emergency.



Create Your Own Wildfire Action Plan

Your Wildfire Action Plan must be prepared with all members of your household well in advance of a fire.

Get SET — Prepare Your Family

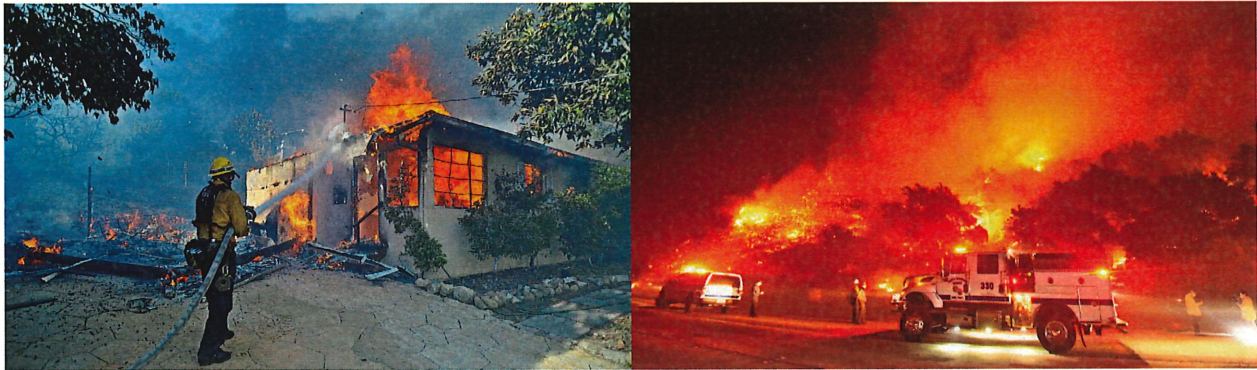
Use these checklists to help you prepare your Wildfire Action Plan.

Each family's plan will be different, depending on their situation.

Once you finish your plan, rehearse it regularly with your family and keep it in a safe and accessible place for quick implementation.

- Create a Family Disaster Plan that includes meeting locations and communication plans, and rehearse it regularly. Include in your plan the evacuation of large animals, such as horses.
- Have fire extinguishers on hand to train your family how to use them.
- Ensure your family knows where your gas, electric and water main shut-off controls are and how to use them.
- Plan several different escape routes.
- Designate an emergency meeting location outside of the fire hazard area.
- Assemble an emergency supply kit as recommended on www.ready.gov.
- Appoint an out of area friend or relative as a point of contact so that you can communicate with family members who have relocated.
- Maintain a list of emergency contact numbers posted near your phone and in your emergency supply kit.
- Keep an extra emergency supply kit in your car in case you can't get to your home because of fire.
- Have a portable radio or scanner so that you can stay updated on the fire.
- Sign up for emergency alerts at ReadySBC.org.





AS THE FIRE APPROACHES

- Alert family and neighbors.
- Dress in appropriate clothing (i.e., clothing made from natural fibers such as cotton) and work boots. Have goggles and a dry bandana or particle mask handy.
- Ensure that you have your brush fire survival kit on hand that includes necessary items, such as a battery-powered radio, spare batteries, emergency contact numbers and ample drinking water.
- Stay tuned to your TV or local radio stations for updates, or check the Fire Department website at www.sbcfire.com.
- Remain close to your house, drink plenty of water and keep an eye on your family and pets if you did not evacuate.

Outdoor Checklist

- Gather up flammable items from the exterior of the house and bring them inside (e.g., patio furniture, children's toys, doormats, etc.) or place them in your pool.
- Turn off propane tanks.
- Connect garden hoses to outside taps.
- Don't leave sprinklers on or water running. They waste critical water pressure.
- Leave exterior lights on.
- Back your car into your garage. Shut doors and roll up windows.
- Have a ladder available.
- Patrol your property and extinguish all small fires.
- Seal attic and ground vents with pre-cut plywood or commercial seals.

Indoor Checklist

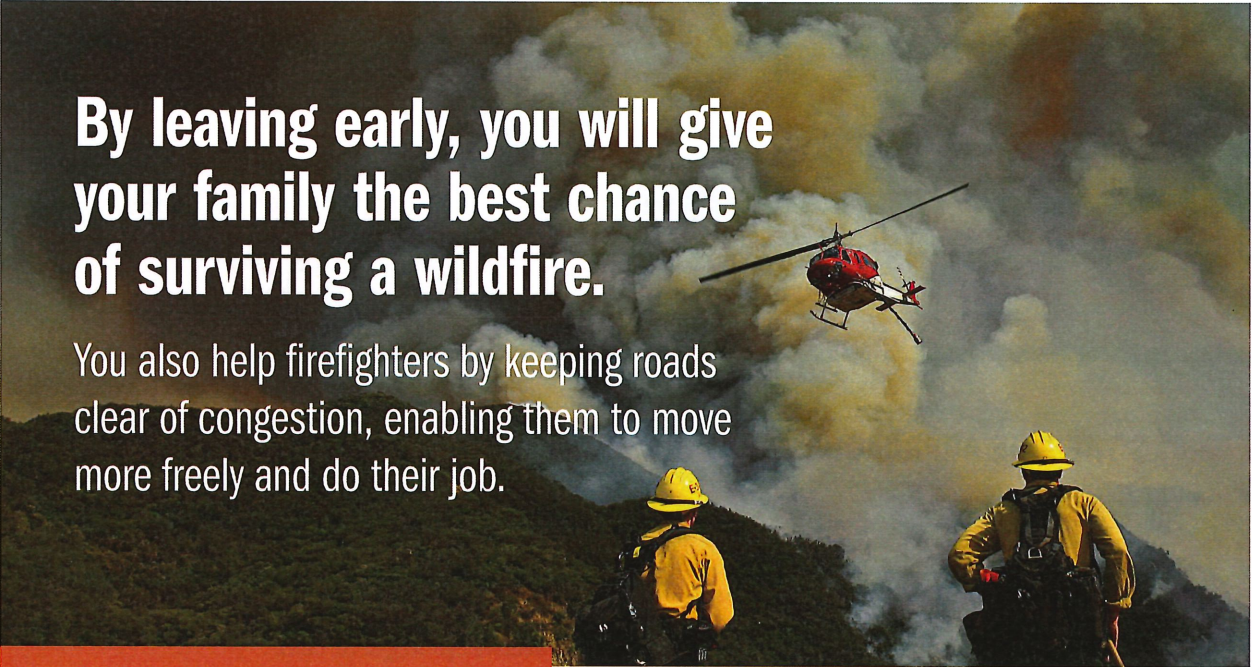
- Shut all windows and doors, leaving them unlocked.
- Remove flammable window shades and curtains and close metal shutters.
- Remove lightweight curtains.
- Move flammable furniture to the center of the room, away from windows and doors.
- Shut off gas as the meter. Turn off pilot lights.
- Leave your lights on so firefighters can see your house under smoky conditions.
- Shut off air conditioning.

If You are Trapped: Survival Tips

- Obtain shelter away from outside walls.
- Patrol inside your home for spot fires and extinguish them.
- Wear long sleeves and long pants made of natural fibers such as cotton.
- Stay hydrated.
- Ensure you can exit the home if it catches fire (remember, if it's hot inside the house it is four to five times hotter outside).
- After the fire has passed, check your roof and extinguish any fires, sparks or embers.
- Check inside the attic for hidden embers.
- Patrol your property and extinguish small fires.
- If there are fires that you cannot extinguish with a small amount of water or in a short period of time, call 911.

By leaving early, you will give your family the best chance of surviving a wildfire.

You also help firefighters by keeping roads clear of congestion, enabling them to move more freely and do their job.



GO Early — Subtitle Here

MAKE A KIT

- Keep a pair of old **shoes** and a **flashlight** handy for a night evacuation.
- Keep the “**six P’s**” ready, in case an immediate evacuation is required:
 - People** and pets
 - Papers**, phone numbers and important documents
 - Prescriptions**, vitamins and eyeglasses
 - Pictures** and irreplaceable memorabilia
 - Personal computers** (information on hard drive and disks)
 - “**Plastic**” (credit cards, ATM cards) and cash

When to Leave

Leave early enough to avoid being caught in fire, smoke or road congestion. Don't wait to be told by authorities to leave. In an intense wildfire, they may not have time to knock on every door. If you are advised to leave, don't hesitate.

Where to Go

Leave to a predetermined location (it should be a low-risk area, such as a well-prepared neighbor or relative's house, a Red Cross shelter or evacuation center, motel, etc.).

How to Get There

Have several travel routes in case one route is blocked by the fire or by emergency vehicles and equipment. Choose an escape route away from the fire.

What to Take

Take your emergency supply kit containing your family and pet's necessary items, such as cash, water, clothing, food, first aid kits, medications and toys. Also don't forget valuables, such as your computer, photos and important documents.

Organize your family members and make arrangements for your pets.

My Personal Wildfire Action Plan

Write up your Wildfire Action Plan and post it in a location where every member of your family can see it. Rehearse it with your family.

During High Fire Danger days in your area, monitor your local media for information on brush fires and be ready to implement your plan. Hot, dry and windy conditions create the perfect environment for a wildfire.

Important Phone Numbers

Emergency: _____

School: _____

Family: _____

Friends: _____

Animal Shelter: _____

GO Early

When to go: _____

Where to go: _____

How to get there: _____ Destination: _____

What to take: Insurance Papers Photos Prescriptions Important Documents

Who to tell (before and after): _____



Santa Barbara County Fire Department
If you have an emergency, call **911**
Public Information Office: **(805)681-5531**
Website: www.sbcfire.com

Ready, Set, Go!

“Defensible space is part of every homeowner’s responsibility.”



Santa Barbara County Fire Department
Public Information Office
4410 Cathedral Oaks Rd.
Santa Barbara, CA 93110

CHAPTER 3. Mountainous, Forest-, Brush- and Grass-Covered Lands [§§ 4291 - 4299]

§4291. (a) A person who owns, leases, controls, operates, or maintains a building or structure in, upon, or adjoining a mountainous area, forest-covered lands, shrub-covered lands, grass-covered lands, or land that is covered with flammable material, shall at all times do all of the following:

(1) (A) Maintain defensible space of 100 feet from each side and from the front and rear of the structure, but not beyond the property line, except as provided in subparagraph (B). The amount of fuel modification necessary shall consider the flammability of the structure as affected by building material, building standards, location, and type of vegetation. Fuels shall be maintained and spaced in a condition so that a wildfire burning under average weather conditions would be unlikely to ignite the structure. This subparagraph does not apply to single specimens of trees or other vegetation that are well-pruned and maintained so as to effectively manage fuels and not form a means of rapidly transmitting fire from other nearby vegetation to a structure or from a structure to other nearby vegetation or to interrupt the advance of embers toward a structure. The intensity of fuels management may vary within the 100-foot perimeter of the structure, with more intense fuel reductions being utilized between 5 and 30 feet around the structure, and an ember-resistant zone being required within 5 feet of the structure, based on regulations promulgated by the board, in consultation with the department, to consider the elimination of materials in the ember-resistant zone that would likely be ignited by embers. Consistent with fuels management objectives, steps should be taken to minimize erosion, soil disturbance, and the spread of flammable nonnative grasses and weeds. For purposes of this subparagraph, "fuel" means any combustible material, including petroleum-based products, cultivated landscape plants, grasses, and weeds, and wildland vegetation.

(B) A greater distance than that required under subparagraph (A) may be required by state law, local ordinance, rule, or regulation. Fuel modification beyond the property line may only be required by state law, local ordinance, rule, or regulation in order to maintain 100 feet of defensible space from a structure. Fuel modification on adjacent property shall only be conducted following written consent by the adjacent landowner. Any local ordinance related to fuel modification shall be in compliance with all applicable state laws, regulations, and policies. Any local ordinance may include provisions to allocate costs for any fuel modification beyond the property line.

(C) An insurance company that insures an occupied dwelling or occupied structure may require a greater distance than that required under subparagraph (A) if a fire expert, designated by the director, provides findings that the fuel modification is necessary to significantly reduce the risk of transmission of flame or heat sufficient to ignite the structure, and there is no other feasible mitigation measure possible to reduce the risk of ignition or spread of wildfire to the structure. The greater distance may not be beyond the property line unless allowed by state law, local ordinance, rule, or regulation.