

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>
into@vvcasd.org*

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 California Government Code § 54954.2.

Special Board Meeting

AGENDA

Tuesday, January 9, 2024

7:00 p.m.

To access the meeting via telephone, please dial **(669) 900-9128** and/or via the web at
<https://zoom.us/join> Meeting ID: 837 8471 3866 Passcode: 429538

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE
2. REQUEST FOR REMOTE PARTICIPATION UNDER AB2449: Director Stassi
3. ROLL CALL: Directors Brooks, Bumpass, Gonzales, Heuring, and Stassi
4. ADDITIONS AND DELETIONS TO AGENDA
5. 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.

6. OPERATIONS REPORT
7. ADMINISTRATION REPORT

8. CONSENT CALENDAR

- A. Minutes of the Regular Meeting on December 5, 2023 page 1
- B. Treasurer Report
 - (1) Monthly Financials page 7
 - (2) Disbursements through December 31, 2023 page 17
- C. Water Pumped vs Sold, 12 months..... page 23

9. ACTION ITEMS

- A. **Committees and Agencies:** Appoint directors to committees and external agencies..... page 25
- B. **Director Travel Budget:** Develop a conference schedule for the next fiscal year page 29
- C. **Water Capital Budget Amendment:** Increase Well 1B budget item from \$33.6K to \$66K..... page 35
- D. **Future Wells:** Discuss the status of the lease application and Birdsbeak Identification..... page 37

10. REPORTS

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

11. INFORMATIONAL CORRESPONDENCE

- A. US Drought Monitor: California, January 2, 2024..... page 99
- B. Public Hearing Notice from Santa Barbara County Regarding Housing Element Draft EIR, December 20, 2023..... page 101
- C. VVCSD Budget Calendar, FY 2024-25 page 103

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

13. ADJOURN

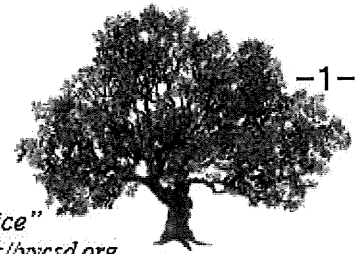
Notice Regarding Public Participation: For those who are unable to attend the meeting in person or electronically but who wish to provide public comment on matters that are within the jurisdiction of the District, please submit any comments and written materials to the District in person or via electronic mail at administration@vvcasd.org. All submittals should indicate the board meeting date and agenda item number. Materials received by the District during and before the meeting will become part of the minutes and will be made available to the public under the Public Records Act.

This agenda was posted on the District website at <https://vvcasd.org> and 3745 Constellation Road, Vandenberg Village, California and notice was delivered under Government Code § 54950 et seq. This Agenda contains a brief general description of each item to be considered. The Board reserves the right to change the order in which items are heard. The full board package with staff reports and other written documentation is available on the District's website at <https://vvcasd.org>. If you need reasonable accommodation due to a disability, please contact the Board Secretary 24 hours before the meeting at (805) 733-2475.

Please silence cell phones during the meeting, as a courtesy to others.

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MINUTES Regular Meeting

December 5, 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.

President Brooks asked for a moment of silence to remember the longest-sitting board member, Director Robert Wyckoff who passed away on Saturday, December 2.

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 village resident Theresa Smith.

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 33.2 million gallons of water in November with an average daily demand of 1,106,000 gallons. This is 17 percent more than last year.

There was 0.6" of rain in November bringing the calendar year total to 20.52 inches.

The District's well levels for October were 1B-142', 3A-136', and 3B-135'.

A power pole was struck on Highway 1 and knocked out power to Sites 1 and 3 for approximately 24 hours. The field crew shifted to backup power using the generator and monitored both sites until the power was restored.

The engineers from Pureflow are working on the final design of the new filter pipes and mixing flanges.

The new Blue and White analyzers are replacing the HACH and Prominent analyzers. The field crew is monitoring the Chlorine, PH, Turbidity, and temperature levels.

To conclude his report, O&M Manager Garner said the field crew repaired six service lines, and a 4-inch sewer lateral repair in November. There were no sanitary sewer overflows to report.

6. ADMINISTRATION REPORT

AS Manager Allen reported that, in 2021, a moratorium was put in place during Covid regarding the discontinuance of water service. The State Water Resources Control Board provided funds to assist customers with unpaid bills accrued between March 4, 2020 and June 15, 2021. The District received \$8,631.40 for water charges and \$5,231.63 for wastewater charges.

This summer, Governor Newsom signed a bill expanding the program to allow the Covid Relief Period to extend through December 31, 2022. The application period opened on November 1 and the aged accounts were reevaluated. Nineteen accounts are still qualified, three are open and the rest have been closed, some of which have been sent to collections. The District's request, including a three percent administrative fee, is a little over \$10,000.

To conclude her report, AS Manager Allen gave all the board members a completed copy of the Reserve Study. She will coordinate a meeting with the Finance/Budget Committee after the first of the year.

7. CONSENT CALENDAR

A. Minutes from the Regular Meeting on November 7, 2023

B. Treasurer Report

1) Monthly Financials

2) Disbursements through November 30, 2023

C. Water Pumped vs. Sold, 12 months

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

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

8. ACTION ITEM

A. Water Rates and Charges [Public Hearing opened at 7:12 p.m.]

Board Secretary Garner reported two protest letters were received.

Theresa Smith asked when the last time a rate increase was done. General Manager Barget said eight years ago.

Motion by Director Bumpass, seconded by Director Gonzales to approve increases to water rate and charges to take effect January 4, 2024; January 1, 2025; and January 1, 2026, and adopt revised Ordinances 4.1 through 4.9 updating the water rates and charges.

Roll Call

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

[Public Hearing closed at 7:14 p.m.]

B. General Manager

Motion by Director Stassi, seconded by Director Heuring to extend the employment agreement with Joe Barget to December 30.

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

Motion by Director Heuring, seconded by Director Bumpass to approve the General Manager Employment Agreement with Cynthia Allen and appoint her as General Manager, effective December 31.

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

C. Joe Barget

Motion by Director Bumpass, seconded by Director Stassi to adopt Resolution 228-23 commending and thanking Joe Barget for 19 years of service.

Roll Call

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

D. Board Officers

Motion by Director Gonzales, seconded by Director Heuring to elect Director Bumpass as President.

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

Motion by Director Brooks, seconded by Director Gonzales to elect Director Stassi as Vice President.

Ayes: Directors Brooks, Bumpass, Heuring, Gonzales, Stassi
Noes: None

Abstain: None
Absent: None

Motion by Director Bumpass, seconded by Director Stassi to elect Director Gonzales as Finance Officer.

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

There was general discussion about next year's committee and external agency appointments.

9. REPORTS

A. Committees

There were no committee meetings.

B. District Representatives to External Agencies

Nothing to report.

C. President

President Brooks thanked the management team, Joe, Mike, and Cindy for their leadership. He said he appreciates the smoothness of the transition to the General Manager position.

D. General Manager

General Manager Barget attended the Association of California Water Agencies (ACWA) Conference in Indian Wells in place of Director Heuring.

10. INFORMATIONAL CORRESPONDENCE

A. US Drought Monitor: California, November 28, 2023

11. DIRECTORS FORUM

Director Gonzales suggested the District look into solar panels to help reduce the PG&E expense. He would like to see the Water/Wastewater Committee discuss a water intertie with Mission Hills Community Services District or Lompoc, and lastly, he thanked AS Manager Allen for the Reserve Study.

Director Heuring thanked Joe for taking his place at the ACWA conference.

Director Bumpass asked AS Manager Allen when someone would be hired for her position, and she said after the first of the year. He thanked O&M Manager Garner and the field crew for repairing a lateral line brake at his home.

Director Stassi told Cindy to update the job description as she sees fit for her replacement. He requested to see the cost of operating the plant on a spreadsheet.

Director Brooks thanked everyone for bearing with him this year. He said for the past 19 years he has felt it necessary to take care of the employees at the District which has put the district in a good position.

12. ADJOURN

President Brooks declared the meeting adjourned at 7:58 p.m.

Attest:

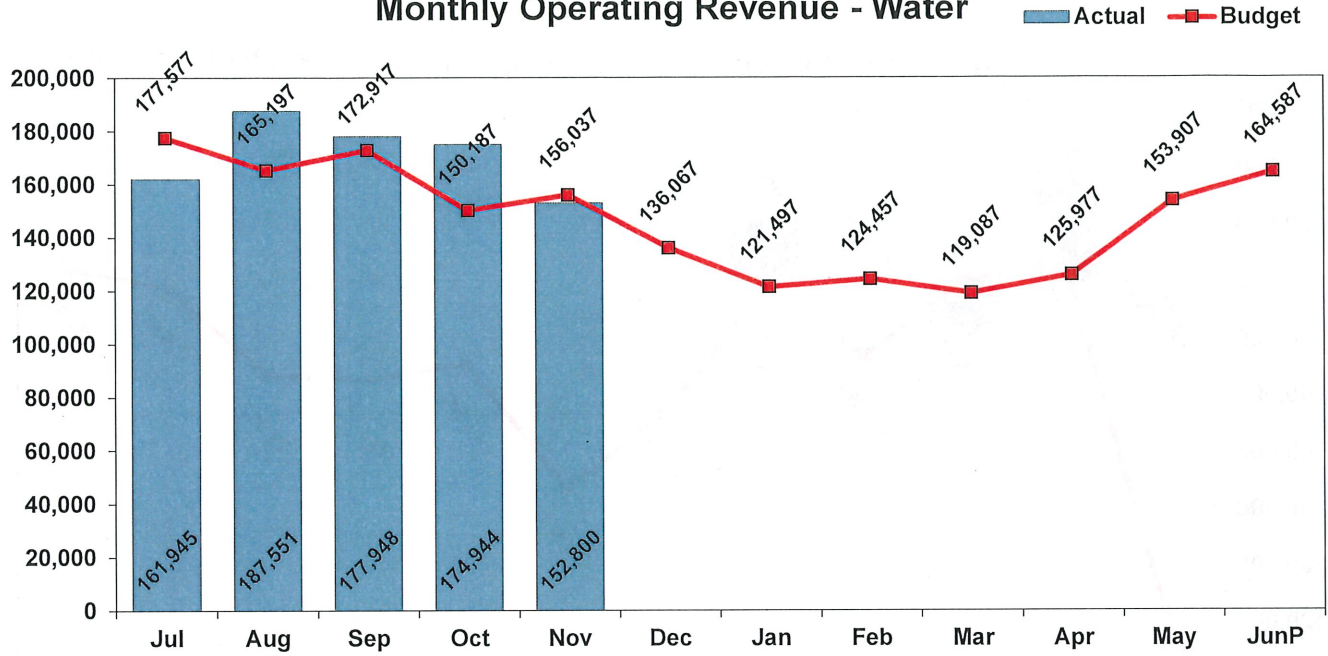
Signed:

Stephanie Garner
Secretary, Board of Directors

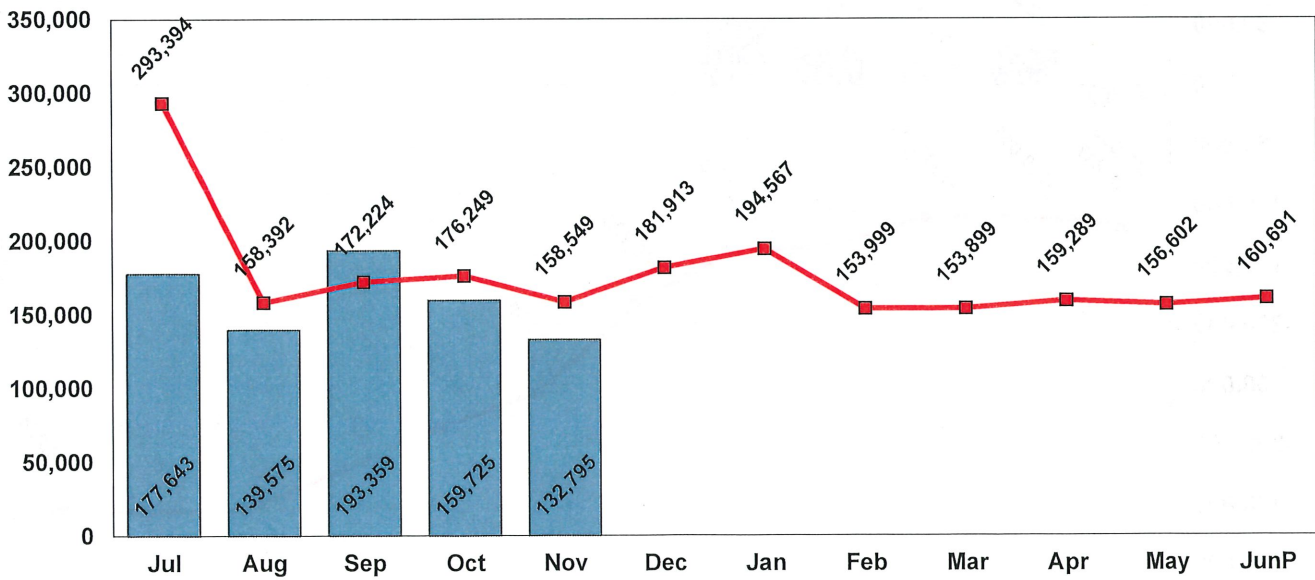
Christopher Brooks
President, Board of Directors

Operating Revenue and Expenses
 Vandenberg Village Community Services District
 July 1, 2023 to June 30, 2024

Monthly Operating Revenue - Water



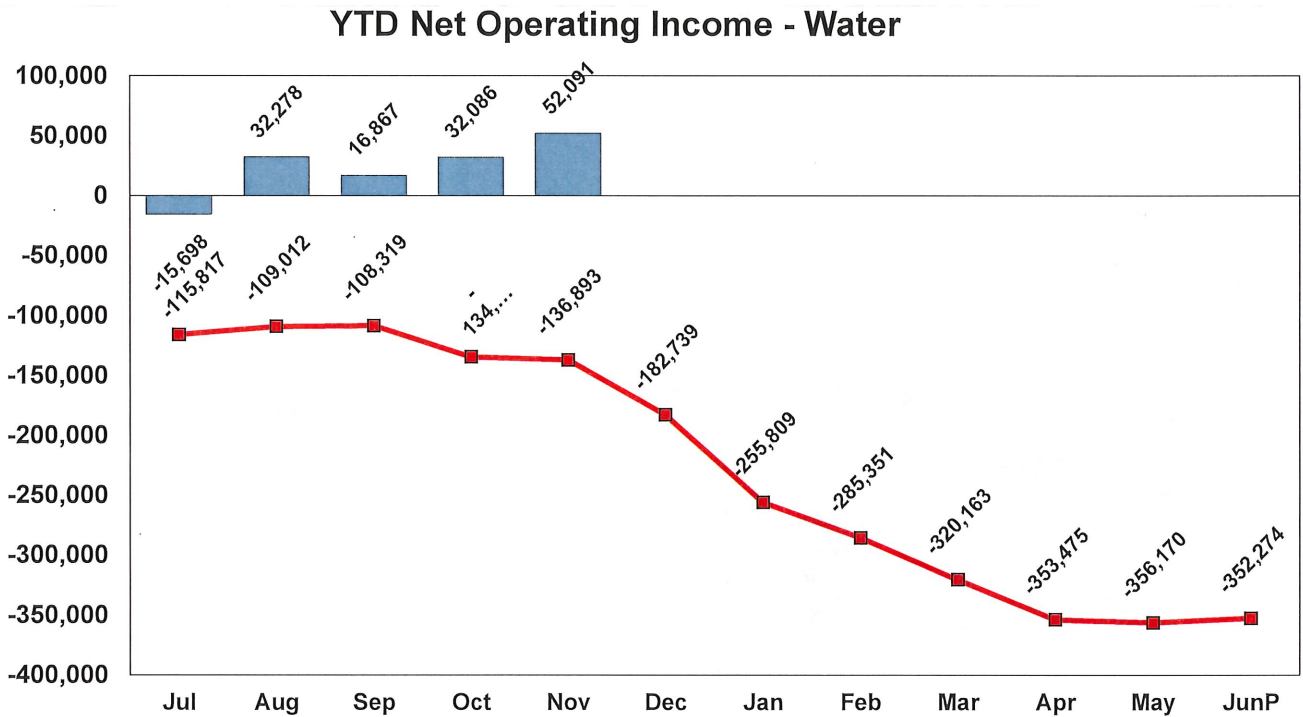
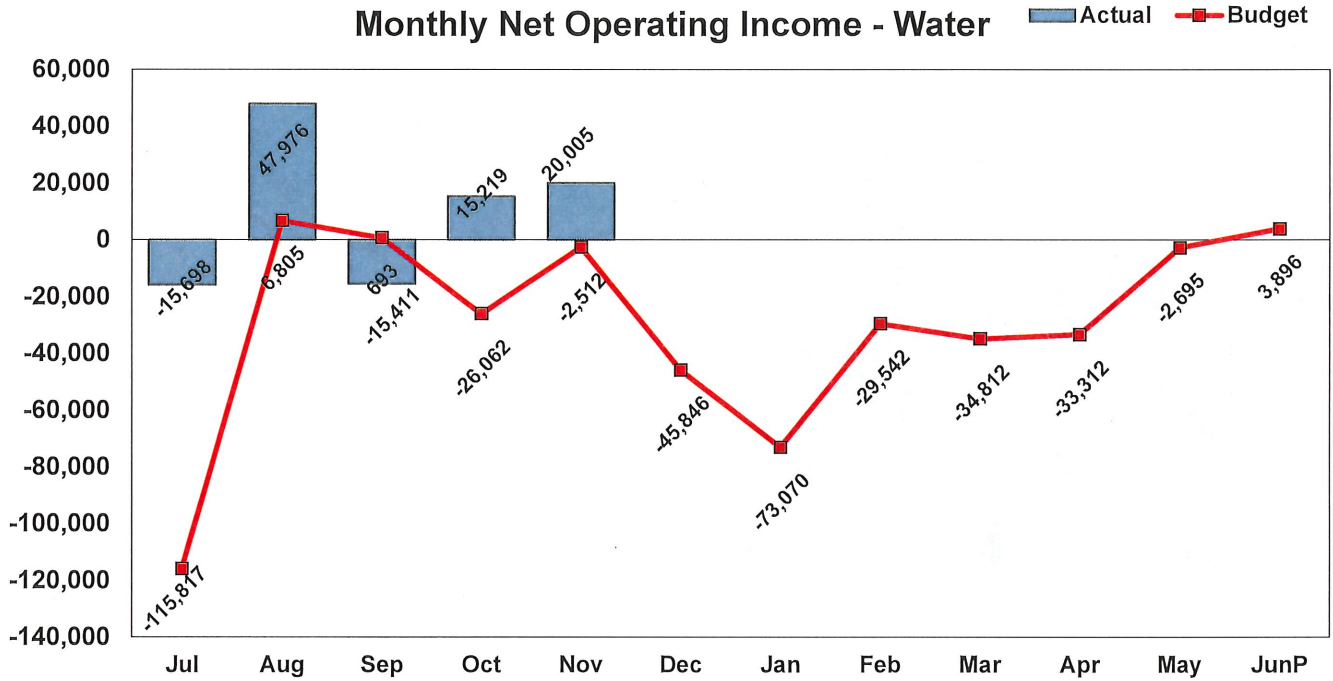
Monthly Operating Expense - Water



Operating Income

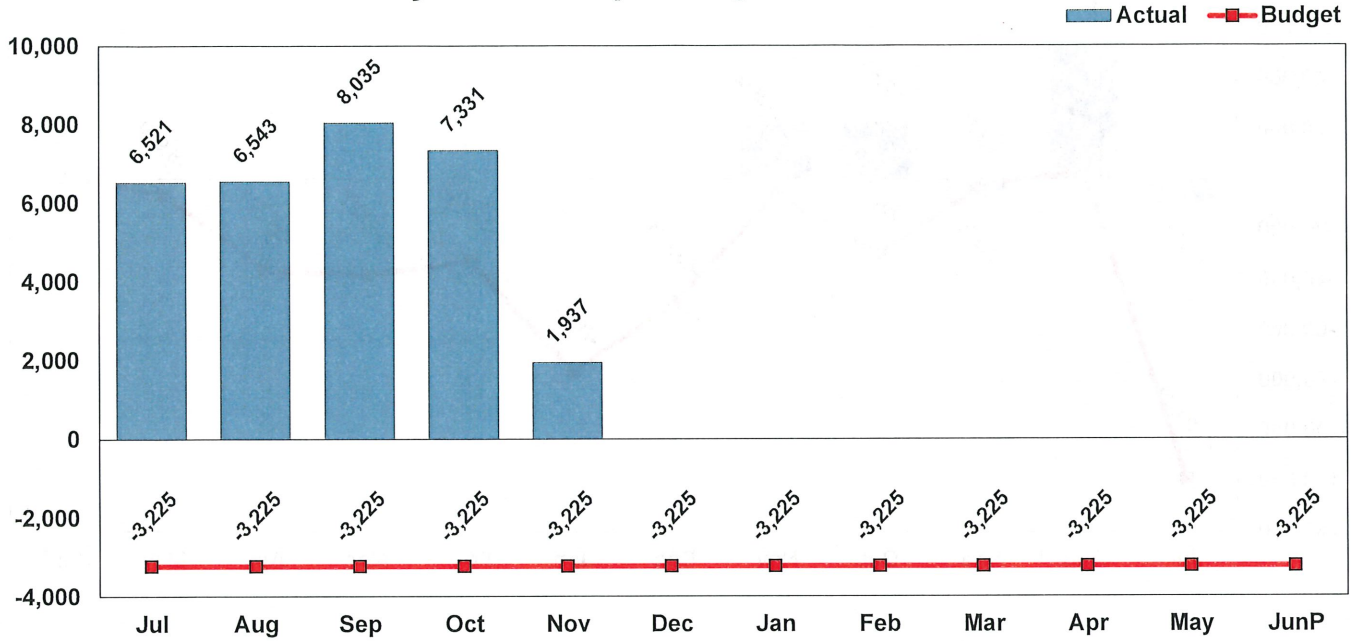
Vandenberg Village Community Services District

July 1, 2023 to June 30, 2024

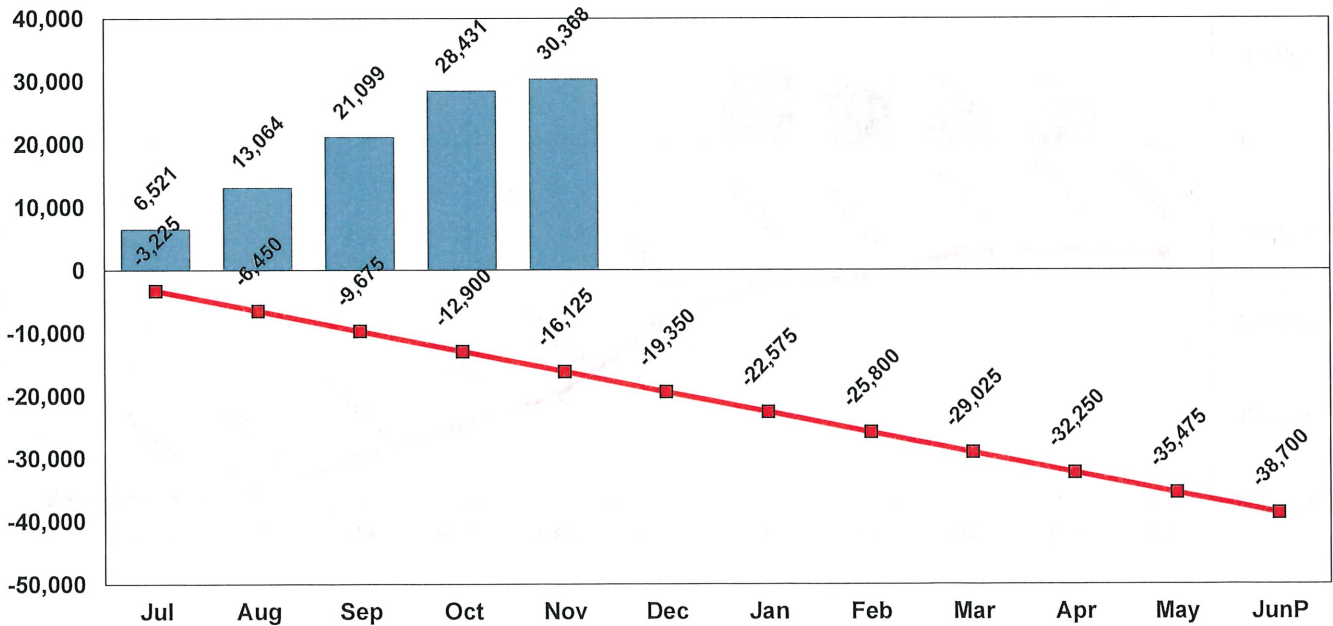


Non-Operating Income Vandenberg Village Community Services District July 1, 2023 to June 30, 2024

Monthly Net Non-Operating Income - Water



YTD Net Non-Operating Income - Water



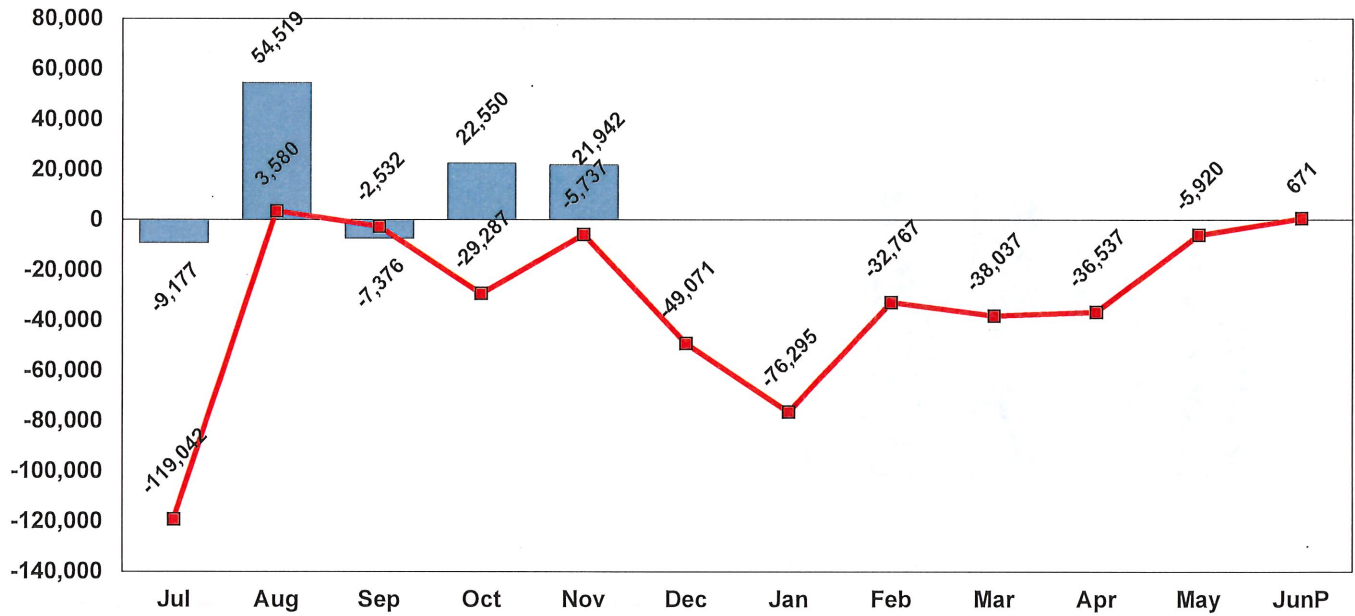
Change in Net Assets

Vandenberg Village Community Services District

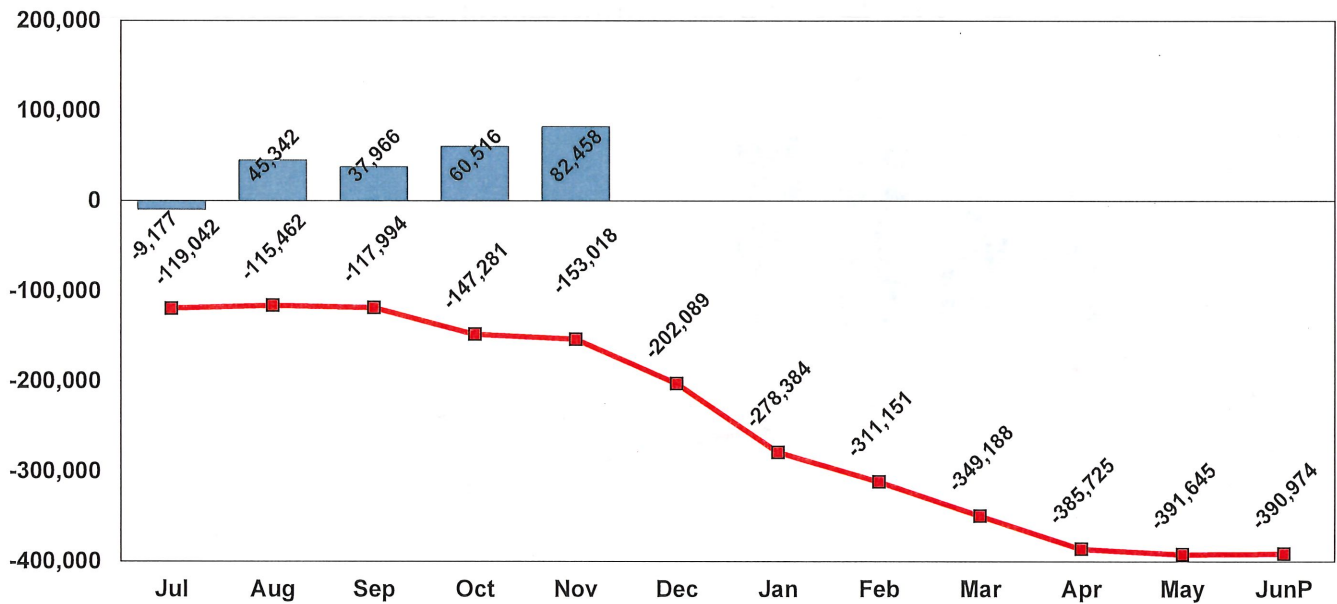
July 1, 2023 to June 30, 2024

Monthly Change in Net Assets - Water

Actual ■ Budget ■

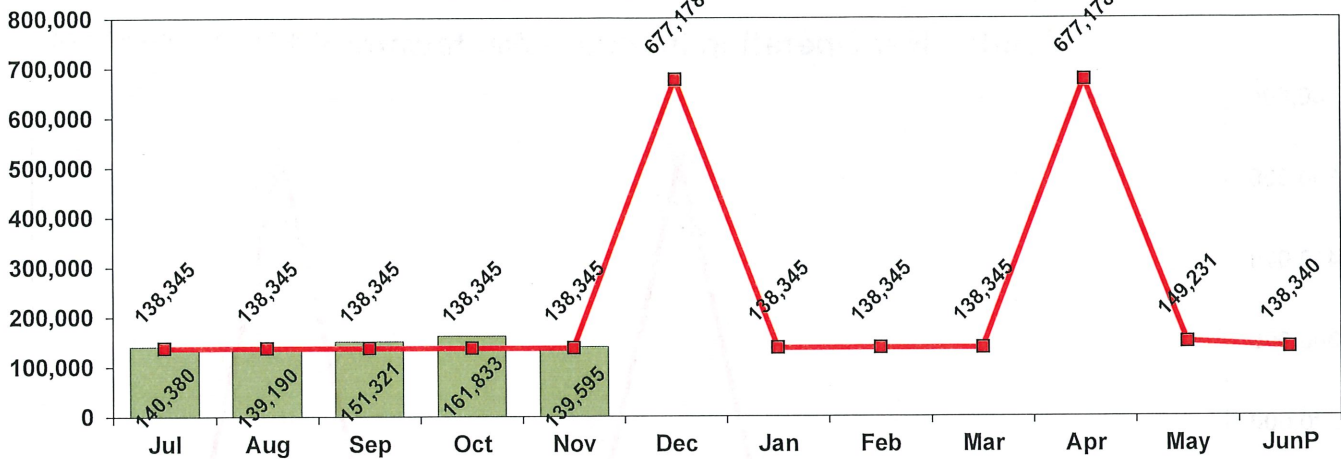


YTD Change in Net Assets - Water

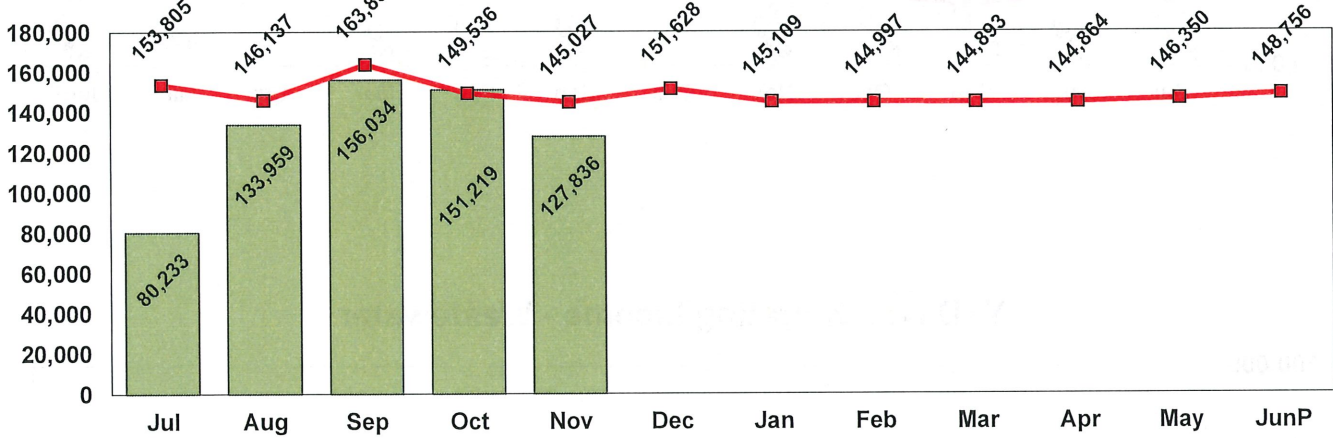


Operating Revenue and Expenses
 Vandenberg Village Community Services District
 July 1, 2023 to June 30, 2024

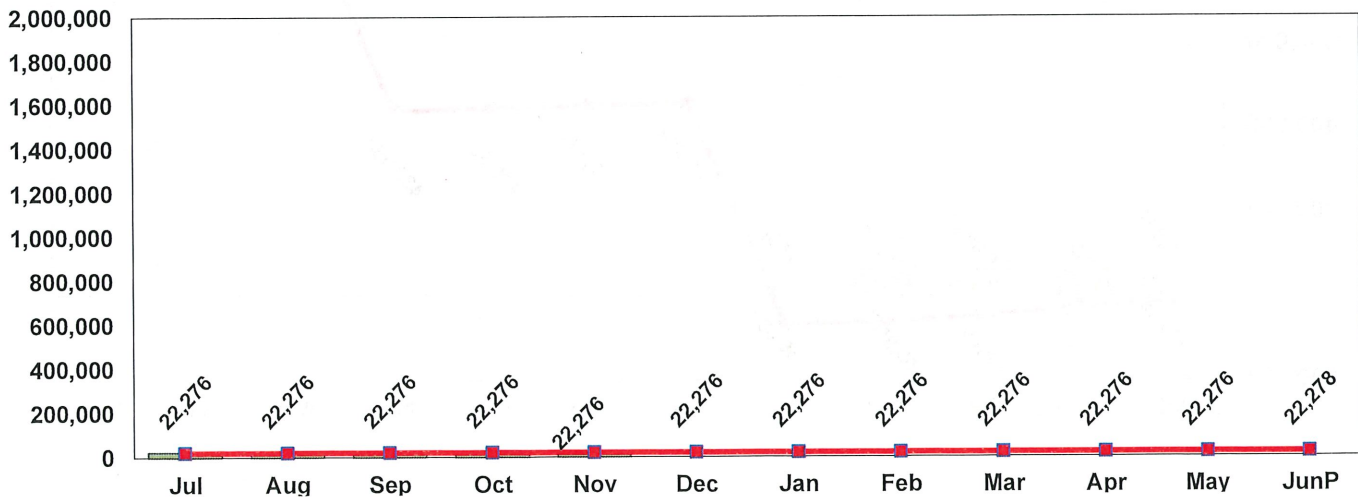
Monthly Operating Revenue - Wastewater ■ Actual ■ Budget



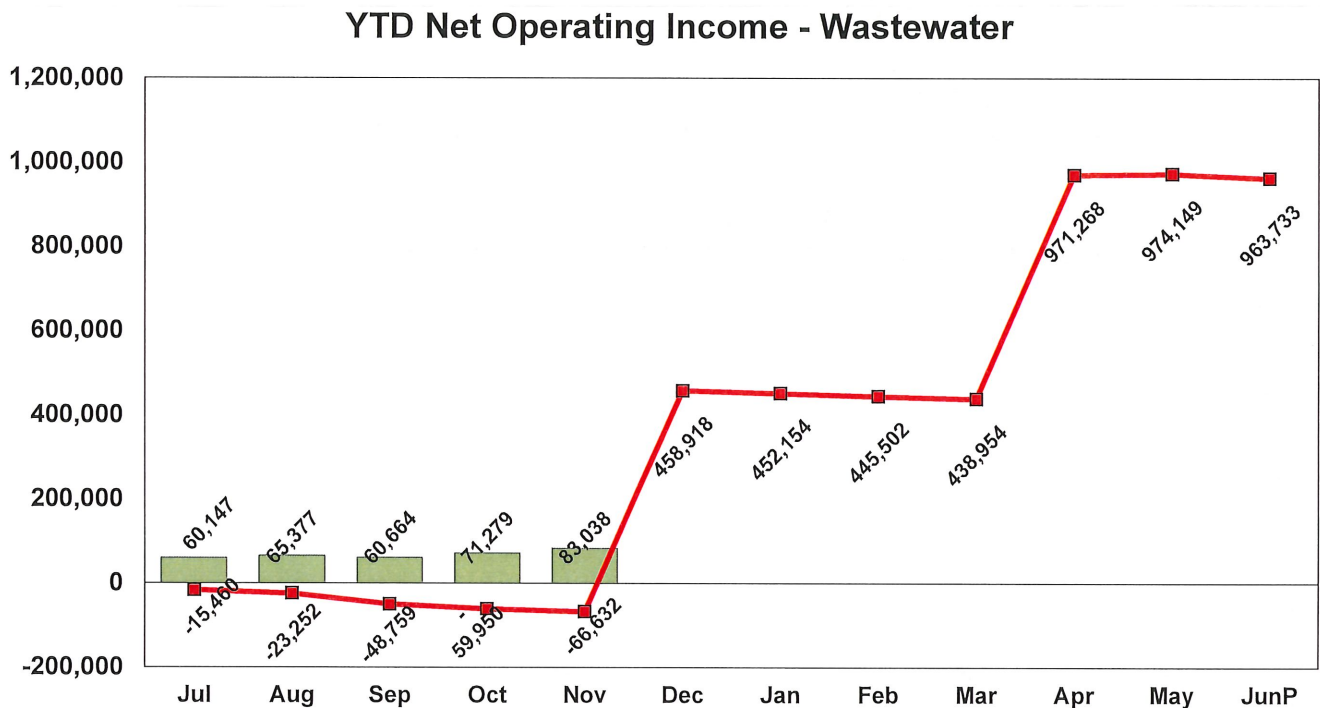
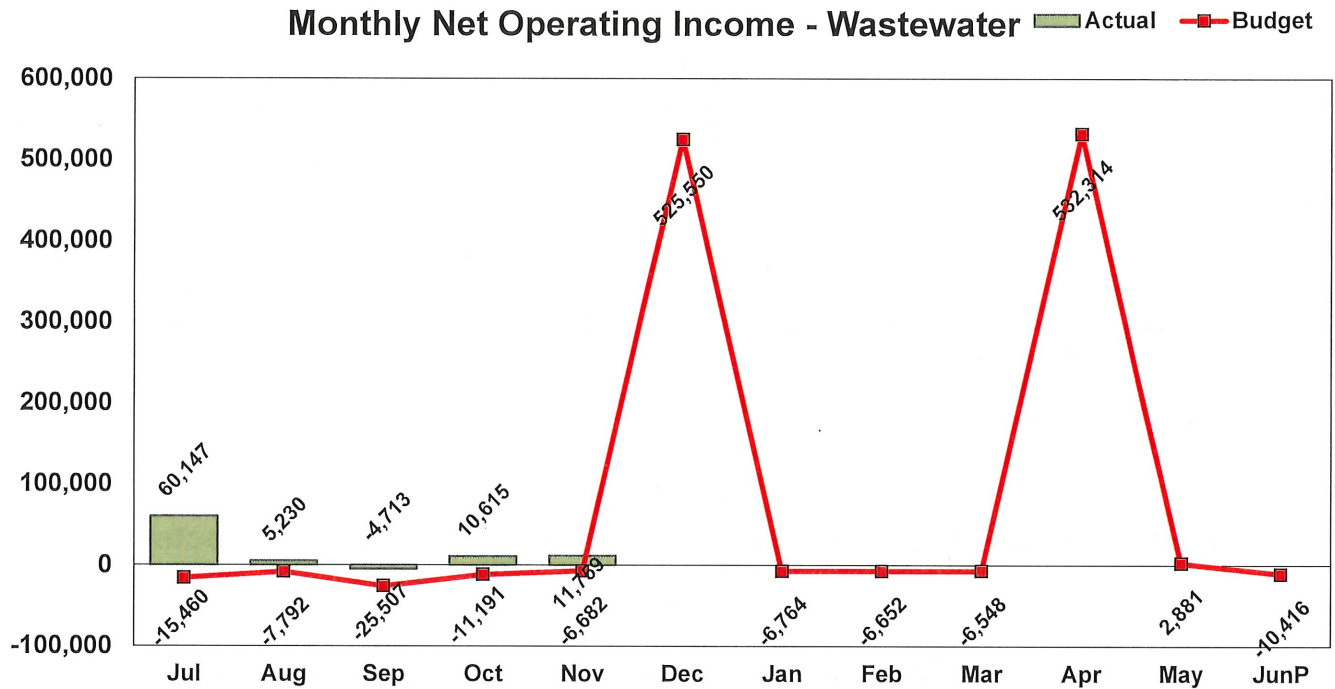
Monthly Operating Expense excluding Unfunded Depreciation and Reserve-Funded Projects



Monthly Operating Expense Unfunded Depreciation and Reserve-Funded Projects

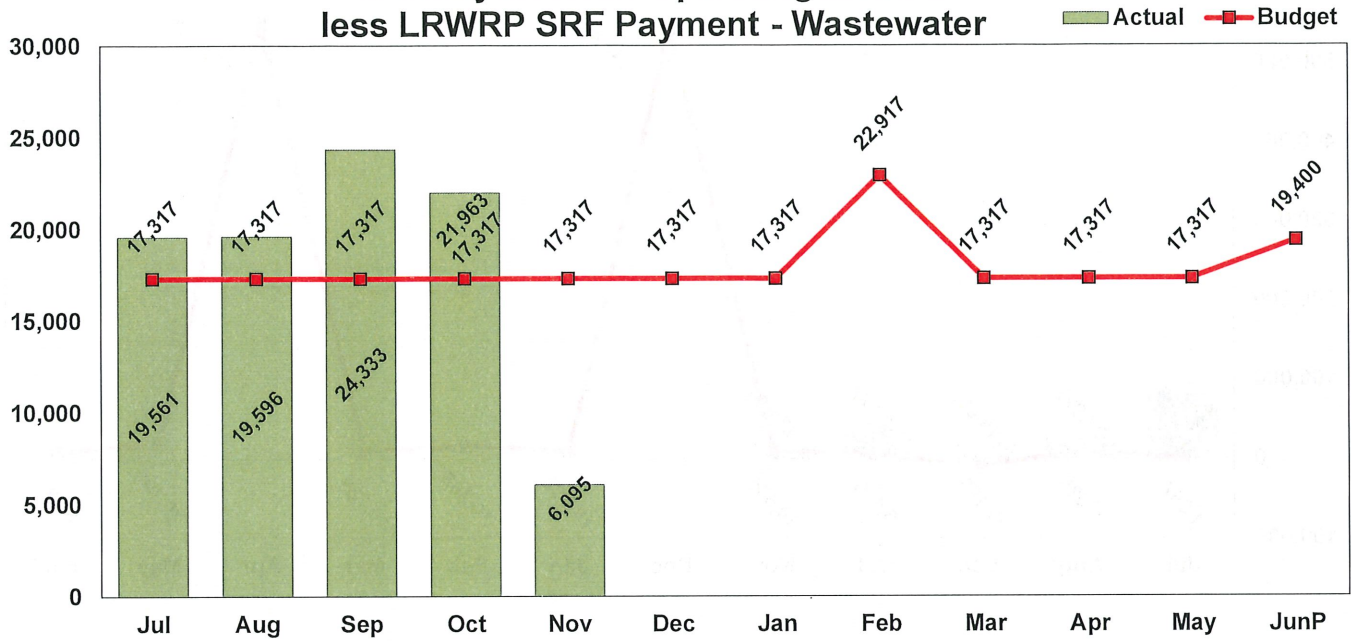


Operating Income Vandenberg Village Community Services District July 1, 2023 to June 30, 2024

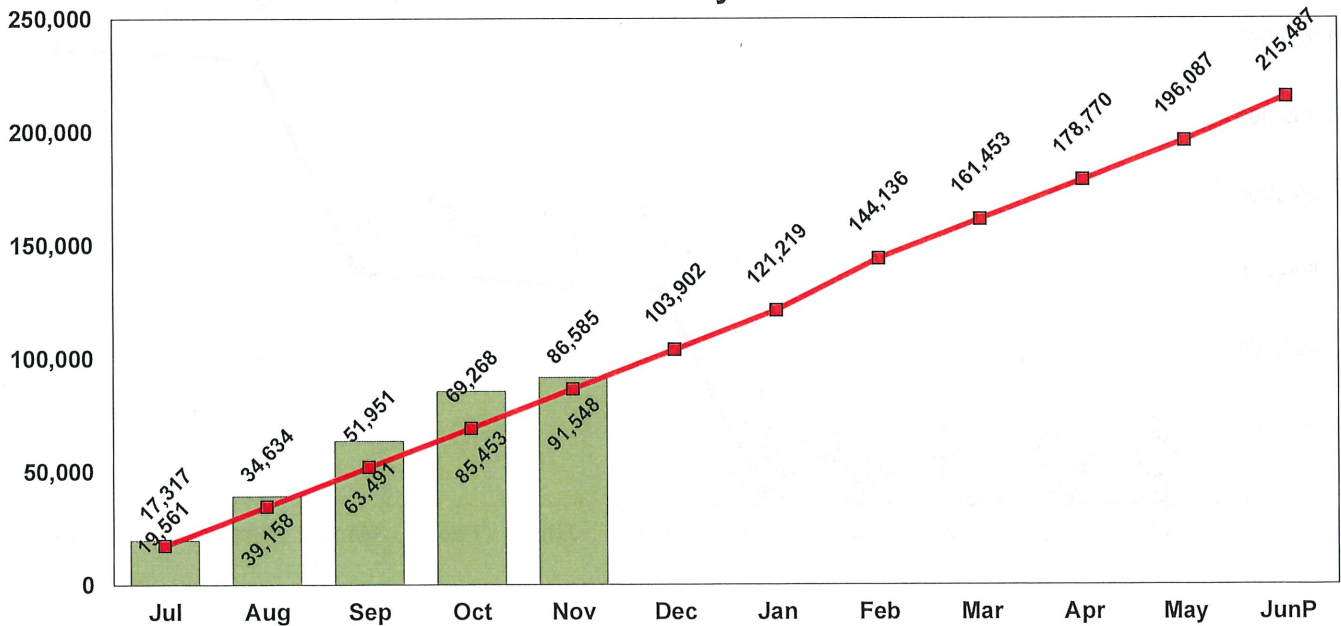


Non-Operating Income
 Vandenberg Village Community Services District
 July 1, 2023 to June 30, 2024

**Monthly Net Non-Operating Income
 less LRWRP SRF Payment - Wastewater**

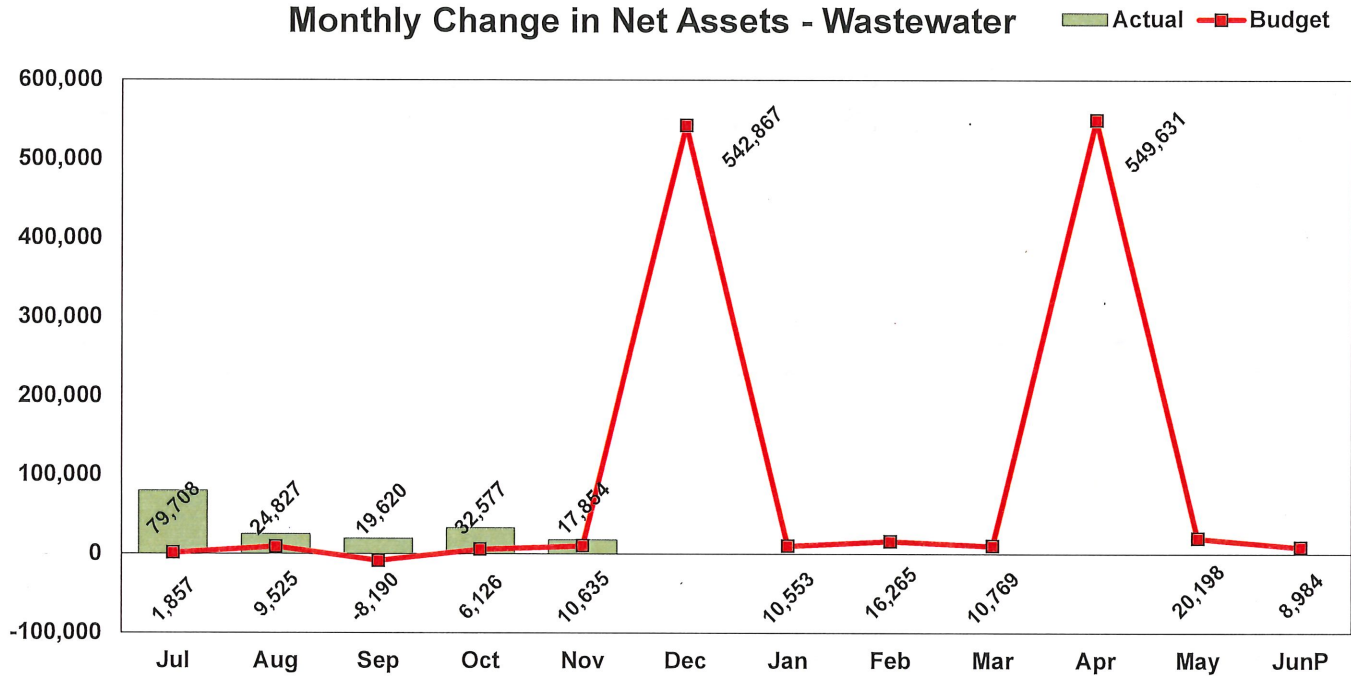


**YTD Net Non-Operating Income
 less LRWRP SRF Payment - Wastewater**

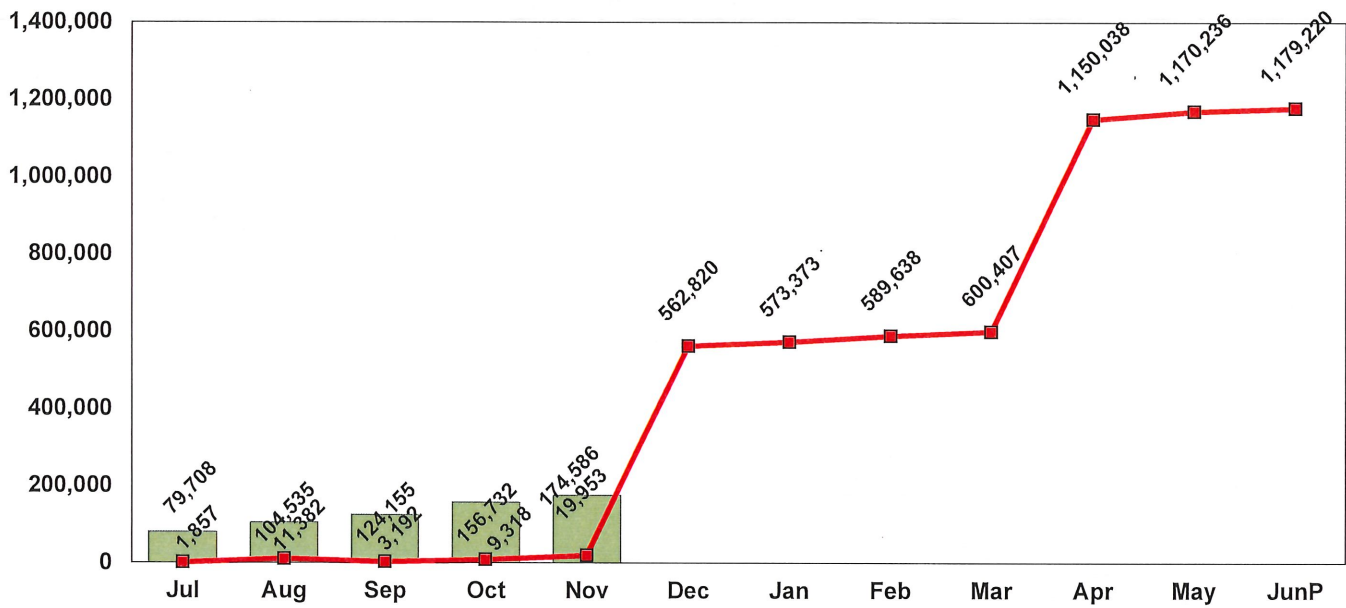


Change in Net Assets Vandenberg Village Community Services District July 1, 2023 to June 30, 2024

Monthly Change in Net Assets - Wastewater



YTD Change in Net Assets - Wastewater



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

	Water Fund	WW Fund	
CASH FLOWS FROM OPERATING ACTIVITIES			
Cash received from customers and users	\$ 841,638	\$ 707,169	
Cash payments for goods and services	(511,934)	(398,202)	
Cash payments to employees	(251,528)	(137,820)	
Net Cash Provided by Operating Activities	\$ 78,176	\$ 171,147	\$ 249,324
CASH FLOWS FROM CAPITAL & RELATED FINANCING ACTIVITIES			
FEMA/Cal OES Reimbursement-Winter Storm 2023		12,164	
Connection fees collected	13,476	18,207	
Purchase of capital assets	(179,182)	(580)	
Net Cash Used - Capital & Related Financing Activities			(135,914)
CASH FLOWS FROM INVESTING ACTIVITIES			
Investment income	95,389	91,548	
Net Cash Provided by Investing Activities			186,937
Net Increase (Decrease) in Cash & Cash Equivalents			300,347
Cash and cash equivalents, beginning of year			11,438,344
Cash and cash equivalents, year-to-date			\$ 11,738,691
Reconciliation to the Statement of Net Assets:			
Cash on hand	400		\$ 400
Cash and short term investments	2,994,674	8,743,617	11,738,291
			\$ 11,738,691
Reconciliation of Operating Income to Net Cash Provided by Operating Activities			
Operating Income (excluding Connection fees)	\$ 38,615	\$ (46,549)	
Adjustments to reconcile operating income to net cash provided by operating activities			
Depreciation	\$ 94,627	\$ 272,747	
Change in operating assets and liabilities:			
(Increase) decrease in accounts receivable	(14,992)	(6,943)	
(Increase) decrease in other receivables	18,293		
(Increase) decrease in prepaid items	10,808	45	
Increase (decrease) in accounts payable	(12,529)	(36,960)	
Increase (decrease) in accrued payroll	(21,035)	(11,192)	
Increase (decrease) in customer deposits	(3,374)		
Increase (decrease) in compensated absences	(32,236)	-	
Net Cash Provided by Operating Activities	\$ 78,176	\$ 171,147	\$ 249,324
Reconciliation to other financial statements			
Net operating income/(loss)	38,615	(46,549)	
Connection Fees received from developers	13,476	18,207	
Non-operating income (<i>Interest Revenue/FMV Offset</i>)	30,368	91,548	
Total YTD Net Income (<i>Current Earnings on Balance Sheet</i>)	82,458	63,206	145,664
Add back YTD Unfunded Depreciation		111,380	
YTD Change in Net Assets on Revenue and Expense charts	82,458	174,586	257,044

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

Disbursement # 01-24 From 12/1/2023 To 12/31/2023
 Board Meeting Date 1/9/2024 Item: 8B.2

Accounts Payable Amount \$77,818.56

Check Numbers 29156-29196

Void Checks none

Electronic Vendor Payment Amount \$852.02

Confirmation Numbers 212023, 375007

A/P Hand Check Amount _____

Check Numbers _____

Payroll Amount \$159,219.86

Check Numbers electronically transferred

Wire Transfers _____

Wire Numbers _____

Disbursements/Investments

A/P Checks 77,818.56

Electronic Vendor Payments 852.02

A/P Hand Checks 0.00

Payroll 159,219.86

Investments 0.00

TOTAL \$237,890.44

REPORT.: Jan 02 24 Tuesday
 RUN....: Jan 02 24 Time: 10:04
 Run By.: PATTY LECAVALIER

VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report
 Check Listing for 12-23 thru 12-23 Bank Account.: 13100

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

Check Number	Check Date	Vendor Number	Name	Net Amount	Invoice #	Description
029156	12/07/23	ACW03	ACWA JOINT POWERS INSURAN	10630.86	0701331	GROUP MEDICAL,DENTAL,VISION,LIFE,EAP 1/24
029157	12/07/23	ARA01	ARAMARK UNIFORM SERV.INC.	167.27	20438192	SHOP TOWELS 11/30/23
029158	12/07/23	BAN03	BANK OF AMERICA	79.23	54241123	TONER
029159	12/07/23	BAR03	JOSEPH H BARGET	158.00	C31204	MEAL,INCIDENTAL REIMB-ACWA/JPIA CONFERENCE-BARGET
029160	12/07/23	CAL06	CALIFORNIA ELECTRIC SUPP	4948.13	1073037	75HP SOFT STARTER
029161	12/07/23	CAL16	CALIF STATE WATER RESOURC	60.00	249010224	TREATMENT 2 RENEWAL-COLE #24901
029162	12/07/23	CAL21	CALIFORNIA STATE LANDS CO	558.09	B10300	SLC STAFF CHARGES APP#W26877 10/23-CWIP WELL SITE
029163	12/07/23	CLS01	CLINICAL LABS OF SAN	414.00	1000821	BACTERIA,IRON,MANG,PHYS,SULFATE,CHROMIUM,BORON OCT
029164	12/07/23	COM03	COMCAST	365.53	10521123	INTERNET,CABLE,VOICE-OFFICE 11/20/23-12/19/23
029165	12/07/23	COV01	COVERALL MOUNTAIN & PACIF	391.00	553194644	JANITORIAL SERVICE 12/23
029166	12/07/23	MIL01	MILLER LANDSCAPING AND MA	175.00	64299	OFFICE YARD MAINTENANCE 11/23
029167	12/07/23	MIS01	MISSION PAVING, INC.	1000.00	5177	ASPHALT REPAIR-738 GODDARD DR.
029168	12/07/23	OLI01	OLIN CORP - CHLOR ALKALI	9643.00	900352773	4,062 GALS NaOCL
029169	12/07/23	PGE01	PACIFIC GAS & ELECT. INC.	28847.30	6872-1123	PGE CHARGES 10/17/23-11/14/23
029170	12/07/23	SAN30	SANTA BARBARA COUNTY	535.00	R12885-R5	PERMIT REEVALUATION FEE-PTO 12885-R5
029171	12/07/23	SOU01	SO.CALIFORNIA GAS CO.INC.	78.10 103.37	79001123 84181123	SO.CALIF GAS-WELL 1B 10/23/23-11/22/23 SO.CALIF GAS-OFFICE 10/23/23-11/22/23
			Check Total.....:	181.47		
029172	12/07/23	UBE01	UBEO WEST LLC	441.39	4337980	COPIER CONTRACT USAGE 12/7/23-1/6/24;TONER FREIGHT
029173	12/07/23	UND01	UNDERGROUND SERVICE ALERT	34.50	120230775	USA TICKETS 11/23
029174	12/07/23	USB02	U.S.BANK CORPORATE PAYMEN	3428.09	32561123	FUEL,STARLINK,ACWA REG,MEETING MEALS,BOOK,PAPER
029175	12/07/23	VAL04	VALLEY ROCK READY MIX, IN	994.53 591.55	23-29827 23-29877	SLURRY-SEWER LATERAL REPAIR-153 OAKMONT AVE. SLURRY-SERVICE LINE REPAIR-738 GODDARD LANE
			Check Total.....:	1586.08		
029176	12/07/23	WAS01	WASTE MANAGEMENT CORPORAT	170.98 50.70	573199 573203	TRASH COLLECTION-SHOP 11/23 TRASH COLLECTION-OFFICE 11/23

REPORT.: Jan 02 24 Tuesday
 RUN...: Jan 02 24 Time: 10:04
 Run By.: PATTY LECAVALIER

VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report
 Check Listing for 12-23 thru 12-23 Bank Account.: 13100

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

Check Number	Check Date	Vendor Number	Name	Net Amount	Invoice #	Description
Check Total.....:				221.68		
029177	12/07/23	\A005	AMERICAN STAGES REALTY&M	60.61	000C31101	CUSTOMER REFUND-AME0013-302 FALCON CREST DR.
029178	12/07/23	\G002	AHMET GUVENKIRIS	10.34	000C31101	CUSTOMER REFUND-GUV0003-163 MIZAR PL.
029179	12/07/23	\O003	CHRISTOPHER S. ODELL	34.96	000C31101	CUSTOMER REFUND-ODE0003-54 ALDEBARAN AVE.
029180	12/21/23	ALT01	ALTHOUSE AND MEADE, INC.	987.50	14833	NEW WELL SITE-BIRD'S BEAK ID INVESTIGATION 11/23
029181	12/21/23	AMA01	AMAZON CAPITAL SERVICES	-28.87 -25.84 619.21	H4KG-MHJ1C HH1N-17VKC LHRK-96HT	CREDIT-GPS SURVEY MOUNT CREDIT-GPS SURVEY MOUNT STORAGE-CAMERA SECURITY, UPS, GPS MOUNT, INK, BATTERY
Check Total.....:				564.50		
029182	12/21/23	AME02	AMERICAN INDUSTRIAL SUPPL	95.63	91276	CHEMICAL TANK AND ANALYZER MAINTENANCE PARTS
029183	12/21/23	ARA01	ARAMARK UNIFORM SERV.INC.	211.65	20448361	CONTINUOUS TOWELS, SHOP TOWELS 12/14/23
029184	12/21/23	CAL07	STATE OF CALIFORNIA	3439.00 868.00	WD0230631 WD0230821	SWRCB WASTE DISCHARGE FEE FY24 SWRCB NPDES WATER DISCHARGE FEE FY24
Check Total.....:				4307.00		
029185	12/21/23	COR04	CORE & MAIN LP	198.69	U075287	4",6",8",10",12" TRANSITIONAL GASKETS
029186	12/21/23	CWE04	CWEA	108.00	628051223	COLLECTION 3 RENEWAL-COLE #62805
029187	12/21/23	FAM01	FAMCON PIPE & SUPPLY, INC	1163.63	17128.001	ANGLE BALL VALVES, SS INSERTS
029188	12/21/23	FRO01	FRONTIER	132.41 323.41	28851223 49051223	FRONTIER 733-2109 12/13/23-1/12/24 FRONTIER 733-3615/3975/SCADA 12/13/23-1/12/24
Check Total.....:				455.82		
029189	12/21/23	ICO01	ICONIX WATERWORKS INC.	1119.67	316054452	PIPE WRENCHES,GATE VALVE KEYS,AIR RELEASE VALVE
029190	12/21/23	LIE01	LIEBERT CASSIDY	1928.00	257208	LEGAL COUNSEL-GENERAL MANAGER EMPLOYMENT AGREEMENT
029191	12/21/23	NAT01	NATIONAL GROUP TRUST	858.62	23940124	LONG-TERM DISABILITY 1/24
029192	12/21/23	PIT01	PITNEY BOWES GLOBAL FINAN	313.60	12864122	PB METER & MAIL MACHINE RENTAL 10/30/23-1/29/24
029193	12/21/23	PIT03	PITNEY BOWES	1017.76	01341123	POSTAGE FOR BILLS 11/23
029194	12/21/23	SMI04	SMITHS ALARMS & ELECTRONI	180.00	074686	SECURITY-SHOP,BOOSTER BLDG 1/24-3/24

REPORT.: Jan 02 24 Tuesday
 RUN...: Jan 02 24 Time: 10:04
 Run By.: PATTY LECAVALIER

VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report
 Check Listing for 12-23 thru 12-23 Bank Account.: 13100

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

Check Number	Check Date	Vendor Number	Vendor Name	Net Amount	Invoice #	Description
029195	12/21/23	STE04	STERICYCLE, INC.	262.11	5638289	DOCUMENT SHREDDING SERVICE 11/22/23,12/5/23
029196	12/21/23	WES05	WESTERN EXTERMINATOR CO.	74.85	55402181	GOPHER CONTROL SERVICE 12/23
212023	12/21/23	WEX01	WEX BANK	487.50	93795519	103 GALLONS FUEL
375007	12/01/23	TIE01	TIERZERO CLOUD COMMUNICAT	364.52	375007	TIERZERO CLOUD COMMUNICATION ACCT FEES 12/23
Cash Account Total.....:				78670.58		
Total Disbursements.....:				78670.58		
Cash Account Total.....:				.00		

REPORT.: Jan 02 24 Tuesday
 RUN...: Jan 02 24 Time: 10:04
 Run By.: PATTY LECAVALIER

VANDENBERG VILLAGE CSD
 Cash Disbursement Detail Report - Payroll Vendor Payment(s)
 Check Listing for 12-23 thru 12-23 Bank Account.: 13101

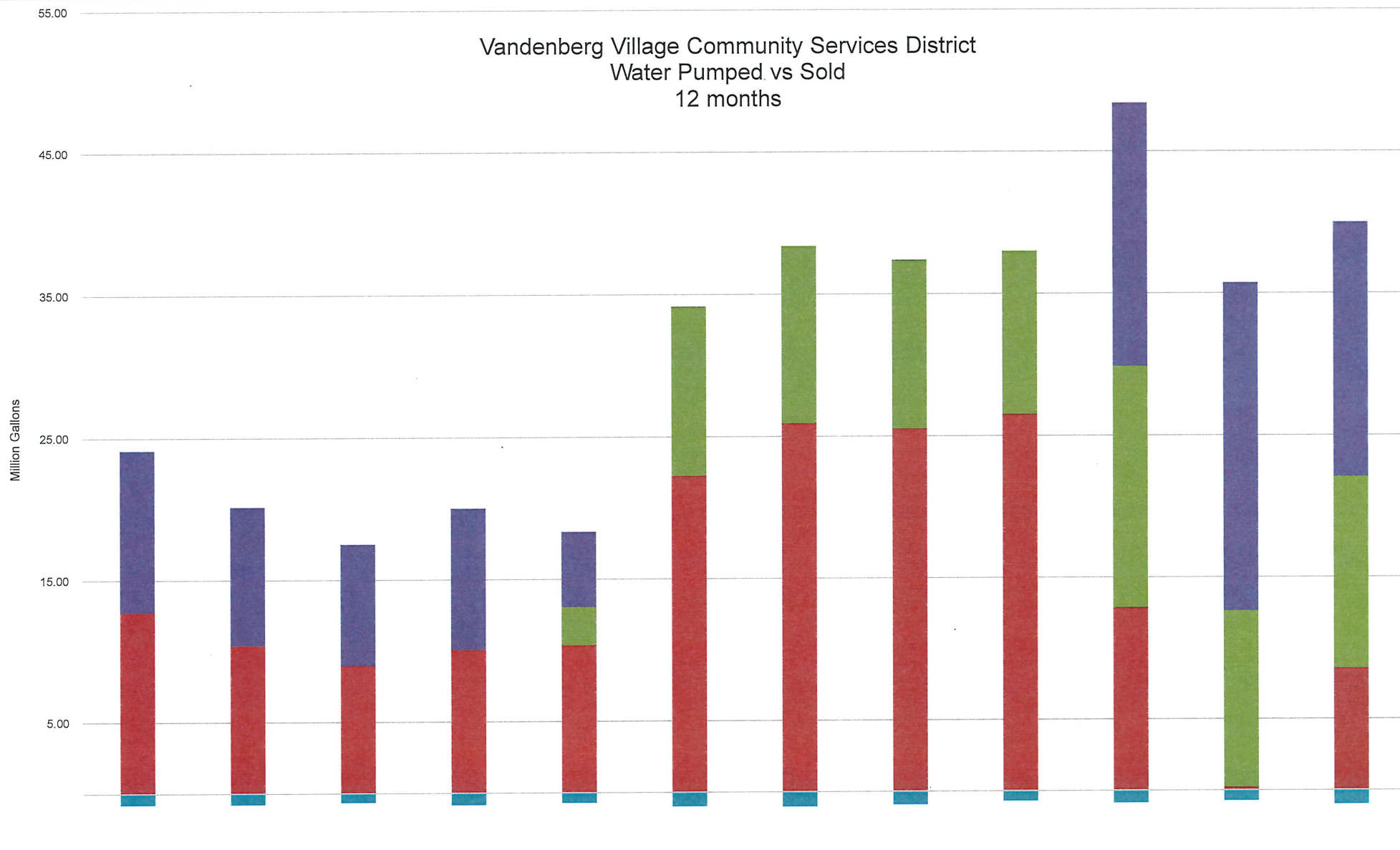
PAGE: 004
 ID #: PY-DP
 CTL.: VAN

Check Number	Check Date	Vendor Number	Name	Net Amount	Invoice #	Description
69410	12/29/23	EFT01	EFTPS	12364.95	C31229	FEDERAL WH TAXES PP#TERM
69411	12/29/23	EFT01	EFTPS	1483.31	1C31229	FICA MEDICARE PP#TERM
95790	12/08/23	EFT01	EFTPS	5405.95	C31208	FEDERAL WH TAXES PP#25
95791	12/08/23	EFT01	EFTPS	80.60	1C31208	FICA SOCIAL SECURITY DR12
95792	12/08/23	EFT01	EFTPS	1122.04	2C31208	FICA MEDICARE PP#25
179360	12/29/23	EMP01	EMPLOYMENT DEVELOP.DEPART	4629.07	C31229	STATE WH TAXES PP#TERM
206000	12/08/23	PUB02	PUBLIC EMPLOYEES	1731.64	C31208	PERS TDMC PP#25
206001	12/08/23	PUB02	PUBLIC EMPLOYEES	1124.28	1C31208	PERS EPMC PP#25
206002	12/08/23	PUB02	PUBLIC EMPLOYEES	5084.96	2C31208	PERS EMPLR CONTRIB PP#25
206010	12/08/23	PER04	CALPERS 457 PLAN	650.00	C31208	EMPLOYER PERS 457 PP#25
206011	12/08/23	PER04	CALPERS 457 PLAN	1050.00	1C31208	EMPLOYEE PERS 457 PP#25
311100	12/22/23	PUB02	PUBLIC EMPLOYEES	1743.85	C31222	PERS TDMC PP#26
311101	12/22/23	PUB02	PUBLIC EMPLOYEES	1124.28	1C31222	PERS EPMC PP#26
311102	12/22/23	PUB02	PUBLIC EMPLOYEES	5097.06	2C31222	PERS EMPLR CONTRIB PP#26
311110	12/22/23	PER04	CALPERS 457 PLAN	650.00	C31222	EMPLOYER PERS 457 PP#26
311111	12/22/23	PER04	CALPERS 457 PLAN	2900.00	1C31222	EMPLOYEE PERS 457 PP#26
312290	12/29/23	PUB02	PUBLIC EMPLOYEES	1560.37	C31229	PERS TDMC PP#TERM
312291	12/29/23	PUB02	PUBLIC EMPLOYEES	1560.37	1C31229	PERS EPMC PP#TERM
312292	12/29/23	PUB02	PUBLIC EMPLOYEES	6221.98	2C31229	PERS EMPLR CONTRB PP#TERM
488800	12/22/23	EMP01	EMPLOYMENT DEVELOP.DEPART	4012.78	C31222	STATE WH TAXES PP#26
488801	12/22/23	EMP01	EMPLOYMENT DEVELOP.DEPART	451.68	1C31222	STATE DISABILITY PP#26
497210	12/22/23	EFT01	EFTPS	7963.42	C31222	FEDERAL WH TAXES PP#26
497211	12/22/23	EFT01	EFTPS	1721.66	1C31222	FICA MEDICARE PP#26
920800	12/08/23	EMP01	EMPLOYMENT DEVELOP.DEPART	2189.56	C31208	STATE WH TAXES PP#25
920801	12/08/23	EMP01	EMPLOYMENT DEVELOP.DEPART	269.77	1C31208	STATE DISABILITY PP#25

Cash Account Total.....:				72193.58		

Total Disbursements.....:				72193.58		
				=====		

Vandenberg Village Community Services District Water Pumped vs Sold 12 months



	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
(5.00)												
Filter Loss	(0.81)	(0.79)	(0.65)	(0.85)	(0.72)	(0.99)	(1.05)	(0.9)	(0.7)	(0.9)	(0.7)	(1.0)
Well 3A	11.39	9.72	8.54	9.94	5.29	0.03	0.00	0.1	0.0	18.5	23.1	17.9
Well 3B	0.00	0.02	0.01	0.02	2.72	11.88	12.50	11.8	11.5	17.0	12.4	13.5
Well 1B	12.72	10.38	8.96	10.04	10.32	22.22	25.87	25.5	26.5	12.8	0.2	8.5

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

AGENDA MEMORANDUM

TO: Board of Directors

ITEM: 9.A

FROM: Cynthia Allen, General Manager 

DATE: January 9, 2024

SUBJECT: Committees and Agencies

Recommendations: Confirm Board President Bumpass' appointments to standing committees and external agencies.

Policy Implications:

- District Ordinance § 1.2.4 requires the President to appoint standing committees and representatives to external agencies at the first meeting in January of every year. Appointments are subject to the confirmation of the Board.
- District Ordinance § 1.3.3 sets the following compensation levels for Board members:
 - \$100 per board meeting
 - \$50 per standing committee meeting
 - \$75 per Groundwater Sustainability Agency (GSA) committee meeting for the primary and alternate member

Resource Impacts: The annual Directors' Compensation budget is \$7,200 for meeting attendance.

Alternatives Considered: The Board President may consider factors such as seniority, background, availability, and interests in making appointments.

Discussion: The Board has three standing committees. Additionally, the District is one of the four voting members on the Western Management Area (WMA) GSA Committee for the Santa Ynez River Valley Groundwater Basin which was formed in 2018. Ad-hoc committees are appointed as needs arise.

President Bumpass' proposed appointments to standing committees and external agencies are attached.

The District is an active member of the following agencies: Association of California Water Agencies (ACWA), ACWA/Joint Powers Insurance Authority (ACWA/JPIA), California Special Districts Association (CSDA), and Santa Barbara County Chapter of the CSDA (SBCCSDA).

Attachments: 2024 Board of Directors

2024 Board of Directors

Vandenberg Village Community Services District

Officers	Director
President	Bumpass
Vice President	Stassi
Finance Officer	Gonzales

Committees	Director
Finance/Budget	Gonzales *
	Stassi
Legal/Personnel	Stassi *
	Gonzales
Water/Wastewater	Heuring *
	Brooks
Groundwater Sustainability Agency (GSA)	Brooks (primary)
	Stassi (alternate)


** Committee chair*

Agencies	Director
Association of California Water Agencies (ACWA) & Joint Powers Insurance Authority (ACWA/JPIA)	Heuring *
	Bumpass
California Special Districts Association (CSDA) & Santa Barbara County Chapter of CSDA (SBCCSDA)	Gonzales *
	Heuring
Santa Ynez River Water Conservation District (SYRWCD)	Stassi *
	Brooks

** Primary agency representative*

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

AGENDA MEMORANDUM

TO: Board of Directors ITEM: 9.B
FROM: Cynthia Allen, General Manager 
DATE: January 9, 2024
SUBJECT: Director Travel Budget

Recommendations: Develop a conference schedule for use in preparing the budget for FY 2024-25. The new fiscal year begins on July 1, 2024.

Policy Implications: Per District Ordinance § 1.4.3, Directors are reimbursed for travel and other expenses to attend conferences, training, and monthly meetings of the Santa Barbara County Chapter of the California Special Districts Association. Directors are not otherwise compensated for attending conferences, training, ad hoc committee meetings, or other events.

Resource Impacts: The estimated annual Directors' travel budget for FY 2024-25, based on historic levels of attendance at these conferences and all other Director expenses, not including salaries, is \$22,200.

Alternatives Considered: None.

Discussion:

The annual Directors' travel budget funds local training and meetings and conference registration fees, meals, and mileage. The District is an active member of the following agencies: Association of California Water Agencies (ACWA), ACWA/Joint Powers Insurance Authority (ACWA/JPIA), California Special Districts Association (CSDA), and Santa Barbara County Chapter of the CSDA (SBCCSDA).

One or more board members usually attend the quarterly SBCCSDA dinner meeting. Attendance at the large conferences is generally limited to:

- Annual CSDA (2 directors)
- Annual CSDA Special Districts Legislative Days (1 director)
- Fall Combined ACWA & ACWA/JPIA (1 director)
- Spring Combined ACWA & ACWA/JPIA (2 directors)

In addition to these conferences, the General Manager recommends any interested director be allowed to attend CSDA's Special District Leadership Academy (SDLA). This training provides a wealth of information and a solid foundation for directors and managers of special districts.

The SDLA is offered twice a year and consists of four modules:

- Governance Foundations
- Setting Direction/Community Leadership
- Board's Role in Human Resources
- Board's Role in Finance and Fiscal Accountability

Staff recommends developing a conference schedule for use in preparing the budget for the next fiscal year. A schedule also enables the Board Secretary to make reservations well in advance to secure the best hotel rates and take advantage of early-registration discounts.

Attachments:

1. FY 2024-25 Conference Schedule
2. FY 2024-25 Draft Directors' Expense Budget

FY 2024-25 Conference Schedule					
Director	Annual CSDA	Annual Special District Leadership Academy	Fall ACWA ACWA/JPIA	Spring ACWA ACWA/JPIA	Annual Special District Legislative Days
	September 9-12, 2024 Indian Wells	November 3-6, 2024 San Rafael	December 3-5, 2024 Palm Desert	May 6-8, 2025 Monterey	May 20-21, 2025 Sacramento
Brooks					
Bumpass					
Gonzales					
Heuring					
Stassi					

<i>Estimated Cost (per person)</i>	\$3,019	\$3,058	\$3,343	\$3,194	\$2,426
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**Directors Expense Budget
FY 2024-25**

Date	Nights	Conference	Location	Miles	Directors	Registration per Director	Mileage per Director	Lodging per Director	M&I per Director *		Total Cost per Director	Total Cost per Conference
							(round trip) \$0.670		per night	full day		
Sep 2024	4	CSDA Annual	Indian Wells	275	2	\$ 775	\$ 369	\$ 275	\$ 74	\$ 56	\$ 2,651	\$ 5,301
Nov 2024	4	SDL Academy	San Rafael	310	1	\$ 720	\$ 415	\$ 275	\$ 74	\$ 56	\$ 2,642	\$ 2,642
Dec 2024	5	ACWA Fall	Palm Desert	275	1	\$ 775	\$ 369	\$ 275	\$ 69	\$ 56	\$ 2,975	\$ 2,975
May 2025	5	ACWA Spring	Monterey	210	2	\$ 775	\$ 281	\$ 275	\$ 74	\$ 56	\$ 2,912	\$ 5,825
May 2025	3	SDLD Annual	Sacramento	350	1	\$ 345	\$ 469	\$ 275	\$ 69	\$ 56	\$ 1,957	\$ 1,957
Total						\$ 4,940	\$ 2,553	\$ 8,250	\$ 2,180	\$ 777	\$ 18,700	\$ 18,700
Water						\$ 3,633	\$ 1,742	\$ 6,188	\$ 1,633	\$ 555	\$ 13,750	\$ 13,750
Wastewater						\$ 1,308	\$ 811	\$ 2,063	\$ 548	\$ 222	\$ 4,950	\$ 4,950
						\$ 4,940	\$ 2,553	\$ 8,250	\$ 2,180	\$ 777	\$ 18,700	\$ 18,700

Description	Meetings	Salary	Directors	Water	Wastewater
Board Meetings	12	\$ 100	5	\$ 6,000	\$ 3,000
Reg Committee Meetings	6	\$ 50	2	\$ 600	\$ 300
GSA Committee Meetings	4	\$ 75	2	\$ 600	\$ -
Monthly SBCCSDA & Other Training				\$ 3,500	\$ 1,750
Total				\$ 10,700	\$ 5,050

Total Expenses for Conferences and Meetings \$ 29,400

BUDGET				
Water	\$ 13,700	11-56217	\$	7,500
Wastewater	\$ 5,000	18,700 11-56217-1	\$	11,900
SBCCSDA	\$ 3,500	12-56217	\$	4,600
Salaries	\$ 7,200	10,700 12-56217-1	\$	5,400
	\$ 29,400	\$ 29,400	\$	29,400

* M&I Breakdown:
<https://www.gsa.gov/node/86696/mie-breakdown>

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

AGENDA MEMORANDUM

TO: Board of Directors ITEM: 9.C
FROM: Cynthia Allen, General Manager *CA*
Mike Garner, Operations and Maintenance Manager *MG*
DATE: January 9, 2024
SUBJECT: Water Capital Budget Amendment

Recommendation: Increase the FY 2023-24 Water Capital Replacement Budget by \$32.4K to repair Well 1B.

Policy Implications: The Board adopts an annual budget and approves significant changes or increases.

Resource Impacts: \$32.4K from water fund reserves.

Alternatives Considered: None.

Discussion: On December 4, All American Drilling pulled Well 1B for its scheduled inspection and maintenance. Upon examination, it was determined that 30 LF of coated outer column, 20 LF of stainless outer column, 50 LF of inner column, and the pump (bowl and impeller) must be replaced. This increases the budgeted project from \$33.6K to \$66K.

Our three wells are pulled and inspected every five years. Because of our water chemistry, repairs are expected each time the well equipment is inspected. In 2012, 170 LF of inner column, 70 LF of outer column, and the bowl assembly for Well 1B was replaced. In 2017, 40 LF of inner column and 40 LF outer column was replaced and the bowl assembly was rehabilitated. To increase the lifespan of the bowl assembly, we are planning to switch from bronze to stainless steel.

Attachments: None.

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

AGENDA MEMORANDUM

TO: Board of Directors ITEM: 9.D
FROM: Cynthia Allen, General Manager 
DATE: January 9, 2024
SUBJECT: Future Wells

Recommendations:

- Discuss the status of the lease application to the State Lands Commission for the future well site.
- Defer further expenditures on the Bird's Beak plant until fall 2024.

Policy Implications:

- California Government Code § 61060 gives community services districts the rights and powers to “acquire any real or personal property within or outside the district, by contract or otherwise, to hold, manage, occupy, dispose of, convey, and encumber the property, and to create a leasehold interest in the property for the benefit of the district”. It also gives community services districts the power of eminent domain.
- California Government Code § 4526 authorizes local agency heads to contract for professional services based on demonstrated competence and professional qualifications necessary for the satisfactory performance of the services required.
- District Ordinance 1.6.1.5 authorizes the General Manager to solicit proposals and negotiate the procurement of professional services without Board approval if funds have been budgeted.

Resource Impacts:

- The District's 2023 Capital Improvement Plan earmarks \$3 million in FY 27-28 for replacement wells.
- To date, the District has expended \$122K on this project.

Alternatives Considered:

- Explore an alternate location, such as the 44-acre vacant parcel on the north side of the village for future wells and, possibly, a new water treatment plant.

Discussion:

On July 22, 2015, General Manager Barget submitted an *Application for Lease of State Lands* to the California State Lands Commission (SLC). The included Project Description delineated four potential well sites (identified as sites A through D) within the Burton Mesa Ecological Reserve for consideration by the SLC. (Note: the Burton Mesa Ecological Reserve consists of 5,368 acres).

On August 15, 2023, General Manager Barget amended the application to request a lease of 0.684 acres at the entrance to the District's water treatment plant (identified as site E). Subsequently, letters of support were sent from Assemblymember Gregg Hart and Senator Monique Limón to the SLC and the California Department of Fish and Wildlife (CDFW).

On December 19, 2023, Dr. Heather Schneider from Santa Barbara Botanical Garden sent an email to General Manager Barget at the suggestion of CDFW to offer assistance with the potential identification of the Bird's Beak plants within site E and to recommend the next steps. Because the plants are now dormant, she suggests that we wait until fall 2024 for any further study.

Attachments:

1. Excerpt from Application for Lease of State Lands, July 22, 2015
2. Copy of letter from General Manager Barget to the SLC amending the application, August 15, 2023
3. Copy of letter from Assemblymember Hart to the SLC and CDFW, September 1, 2023
4. Copy of letter from Senator Limón to the SLC, October 4, 2023
5. Copy of letter from Senator Limón to the CDFW, October 4, 2023
6. Copy of email from Dr. Heather Schneider, Santa Barbara Botanical Garden, December 19, 2023
7. Copy of email and attachment (Althouse and Meade report) from General Manager Barget to Dr. Schneider, December 29, 2023

APPLICATION FOR LEASE OF STATE LANDS

PART I

GENERAL DATA

SECTION A: IDENTIFICATION OF APPLICANT AND CONTACT INFORMATION

Notice to individual(s) (natural person(s)): This page of the completed application containing personal information will not be subject to public disclosure. See Privacy Notice in Part V of this Application.

1. Applicant:

Name: Joe Barget, Vandenberg Village Community Services District		
Mailing Address: 3757 Constellation Road		
City: Lompoc	State: CA	Zip: 93436
Phone: (805) 733-2475	FAX: (805) 733-2109	
E-mail Address: jbarget@vvcasd.org		

2. Applicant's authorized agent or representative (if any):

Name: Chris Hampson, Meridian Consultants		
Mailing Address: 910 Hampshire Road, Suite V		
City: Westlake Village	State: CA	Zip: 91361
Phone: (805) 367-5720	FAX:	
E-mail Address: champson@meridianconsultantsllc.com		

If you are *an elected or appointed official* as specified in Government Code section 6254.21, check this box. If you do not check this box, by signing this application you are deemed to have given consent to have your home address (when it is the project location) posted on the Internet.

Title: General Manager

Agency or Branch of Government: Vandenberg Village CSD

INSTRUCTIONS TO COMMISSION STAFF:

Separate this page (Page 1A) from the rest of the application and place in a Confidential Envelope.

Do not disclose the information on this page unless approved by the Commission's Legal Office to avoid the possible disclosure of "personal information" as defined by the Information Practices Act (Civil Code section 1798.3).

APPLICATION FOR LEASE OF STATE LANDS

PART I

GENERAL DATA

SECTION A: IDENTIFICATION OF APPLICANT

1. Applicant:

Name: Joe Barget, General Manager, Vandenberg Village Community Services District

2. Applicant's authorized agent or representative (if any):

Name: Chris Hampson, Project Manager, Meridian Consultants LLC.

As part of the application, the applicant's authorized agent or representative must submit evidence of the agency agreement.

3. Who should receive correspondence relevant to this application? (Check one)

Applicant

Authorized agent or Representative

Both

FOR COMMISSION USE ONLY:	
<i>Date Received:</i>	
<i>Work Order No.:</i>	<i>Assigned to:</i>
<i>Type of Document:</i>	
<i>Filing Fee:</i>	<i>Processing Fee:</i>
<i>Other Fees:</i>	

SECTION B: LEGAL STATUS OF APPLICANT

Check one of the following and submit the required information:

INDIVIDUAL(S): (See Privacy Notice in Part V of Application)

TRUST(S): Attach a copy of the trust agreement(s) and all amendments, if any. See Privacy Notice in Part V of Application if trustee(s) are individual(s).

CORPORATION: Attach a Certificate of Incorporation issued by the State of California or a Certificate of Incorporation issued by the State of incorporation with the Certificate of Good Standing of Foreign Corporation issued by the Secretary of State of California authorizing the transaction of business in California; Articles of Incorporation and/or By-Laws; a certified statement of the names of the corporate president, secretary and/or

officer(s) authorized to execute contracts; and a board resolution or other evidence of authority to enter into the requested transaction.

PARTNERSHIP: Attach a certified copy of the partnership statement and partnership agreement. If no partnership statement has been filed in the county in which the partnership does business, so state in the application and provide all particulars of the partnership.

LIMITED LIABILITY COMPANY: Attach a copy of the Articles of Organization and Certificates of Amendment issued by the State; company organization; and operating rules and regulations.

PUBLIC AGENCY: Generally, all permits and leases issued by the State Lands Commission require monetary consideration. However, a public agency applicant may qualify for a rent-free lease/permit. In order to so qualify, the applicant must submit in writing a statement of justification for the rent-free status, which status shall be based on a statewide, as compared to a primarily local, public benefit. Such statement shall detail the statewide public benefit derived from the project. The State Lands Commission shall determine whether a statewide public benefit is derived from the project.

Leases and permits involving "School Lands" cannot qualify for rent-free status.

Public agencies will also be required to submit evidence of the authority of the official(s) to execute contracts together with a resolution or other document authorizing execution of the appropriate lease or permit.

OTHER: State the nature, membership and other particulars regarding the legal status of applicant. Provide legal documentation establishing the authority of applicant to enter into the requested transaction, and designating who is authorized to act on behalf of applicant.

SECTION C: PROJECT LOCATION

County: Santa Barbara
If unincorporated, nearest City: Lompoc
Waterway: Santa Ynez River
Township, Range, Section and Reference Meridian: See Assessor's Map Book 097-Pg. 37
Assessor's Parcel No. (of property in question or adjoining property): 097-371-049
Upland Address:

SECTION D: TYPE OF PROJECT AND AUTHORIZATION

You will be asked to provide specific project information in Parts II and III of this application.

1. Please check the type(s) of activity for which you are seeking Commission authorization (check all that apply):

- Commercial (Income producing uses such as marinas, restaurants, clubhouses, recreation piers or facilities, docks, moorings, buoys, helicopter pads, decks or fuel service facilities)
- Industrial (Uses such as oil terminals, piers, wharves, warehouses, storage sites, moorings, dolphins and islands together with necessary appurtenances)
- Right-of-Way (Uses such as roadways, power lines, pipelines or outfall lines)

- Public Agency (Uses such as public roads, bridges, or for recreational, ecological or open space purposes)
 - Non-commercial (Uses such as piers, boatlifts, boathouses, mooring buoys, marker buoys, speed buoys, swim areas, swim platforms/floats, stringlines, fishing platforms, recreational marine storage)
 - Protective Structure (Riprap, seawall, groins, jetties, breakwaters, bulkheads, etc.)
 - Grazing or other Agricultural Use.
 - Dredging (Please check if any portion of the proposed project will involve dredging during construction or ongoing maintenance of the project.)
 - Sand and/or Gravel Extraction.
 - Salvage (Salvage of any abandoned property on State-owned lands; see Public Resources Code Section 6309)
 - Other (please describe): _____
2. Please indicate whether you are seeking Commission authorization for (check all that apply):
- A lease or permit for a proposed new use of State-owned land.
 - A lease for the continuation of an existing use of State-owned land not previously under lease.
 - A new lease where a prior lease has expired.*
 - A new lease for a lease that has not yet expired.*
 - An amendment of an existing lease.*
 - A sublease of an existing lease.*
 - Consent to encumber an existing lease.*
 - An assignment of an existing lease.*
 - Other (please describe):

* Where applicable, please indicate file number of existing or prior lease _____.

SECTION E: PROPERTY DESCRIPTION, INCLUDING TITLE AND BOUNDARY INFORMATION

1. Submit a copy of the current vesting document (deed) for the property lying landward (if applicable) of and/or adjacent to the State lands you seek to use. If you are not the owner of this adjacent property, submit a copy of a lease, permit, or other evidence of your right to use this property. If there have been several transfers of ownership since the prior lease or expiring lease, please submit copies of the intervening ownership vesting documents (chain of ownership) to the current deed.
2. Submit a detailed plan or plot of proposed lease areas and existing and proposed structures showing their locations and dimensions with respect to property lines, and high and low water with reference to the datum of water line elevation used at the location.
3. Submit a vicinity map (8 ½" x 11" with scale) showing the general area and the project site in relation to the shoreline, major roadways, and other landmarks.
4. Submit a legal description of the area to be leased from the State, tied to a monument or monuments of record. The area to be leased includes the area occupied by the structures, or otherwise needed for the proposed project.
5. Provide the following photographs (*label all photos and list the date the photo was taken*):
 - a) Photos of the State lands you seek to use. If the State lands you seek to use are a water body, then provide photos looking towards the upland property and photos looking to both sides and out toward the State lands.
 - b) Photos of any improvements or structures on the State lands and the adjoining uplands.

SECTION F: OTHER GOVERNMENTAL JURISDICTIONS

On a separate sheet of paper or attachment, please provide the following information.

1. List, provide contact information for, and identify the status of applications submitted to other public agencies having approval authority over your proposed project (i.e., U.S. Army Corps of Engineers, local or regional planning bodies, city and/or county governmental permitting authorities, air or water quality boards, California Coastal Commission, San Francisco Bay Conservation and Development Commission, Tahoe Regional Planning Agency, etc.).
2. If applicable, submit the following with the application: (a) U.S. Army Corps of Engineers Public Notice or Letter of Approval for the project; (b) the number assigned to the project from the San Francisco Bay Conservation and Development Commission or California Coastal Commission; and (c) copies of any previously obtained existing approvals. Note: You may be required to submit the results of any consultation, e.g., Letter of Concurrence or Biological Opinion from the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service, for your project prior to consideration of your application by the Commission.
3. Identify any General Plan and Specific Plans that include the area in which the project will be located, including the date of the most recent revision to such Plan(s). What is the land use designation and zoning of the upland portion of the project under the General Plan and any applicable Specific Plan? Will the project require an amendment of the General and/or the Specific Plan? Will a variance from the existing zoning be required? Please provide the

I hereby certify under penalty of perjury that I have read this completed application and all related exhibits and that, to the best of my knowledge, the information is full, complete, and correct. I understand that any misstatement or omission of the requested information or of any information subsequently requested shall be grounds for terminating the application or for denying a lease. I understand if a lease is executed by the State Lands Commission as a result of the application, the project will be constructed as described in the application. I further understand that if the project is not constructed as set forth in the application, this shall constitute a default of the lease and that the State Lands Commission may take such action(s) available to it as provided by the lease or to seek such other and further relief as it may determine proper and as authorized by law.

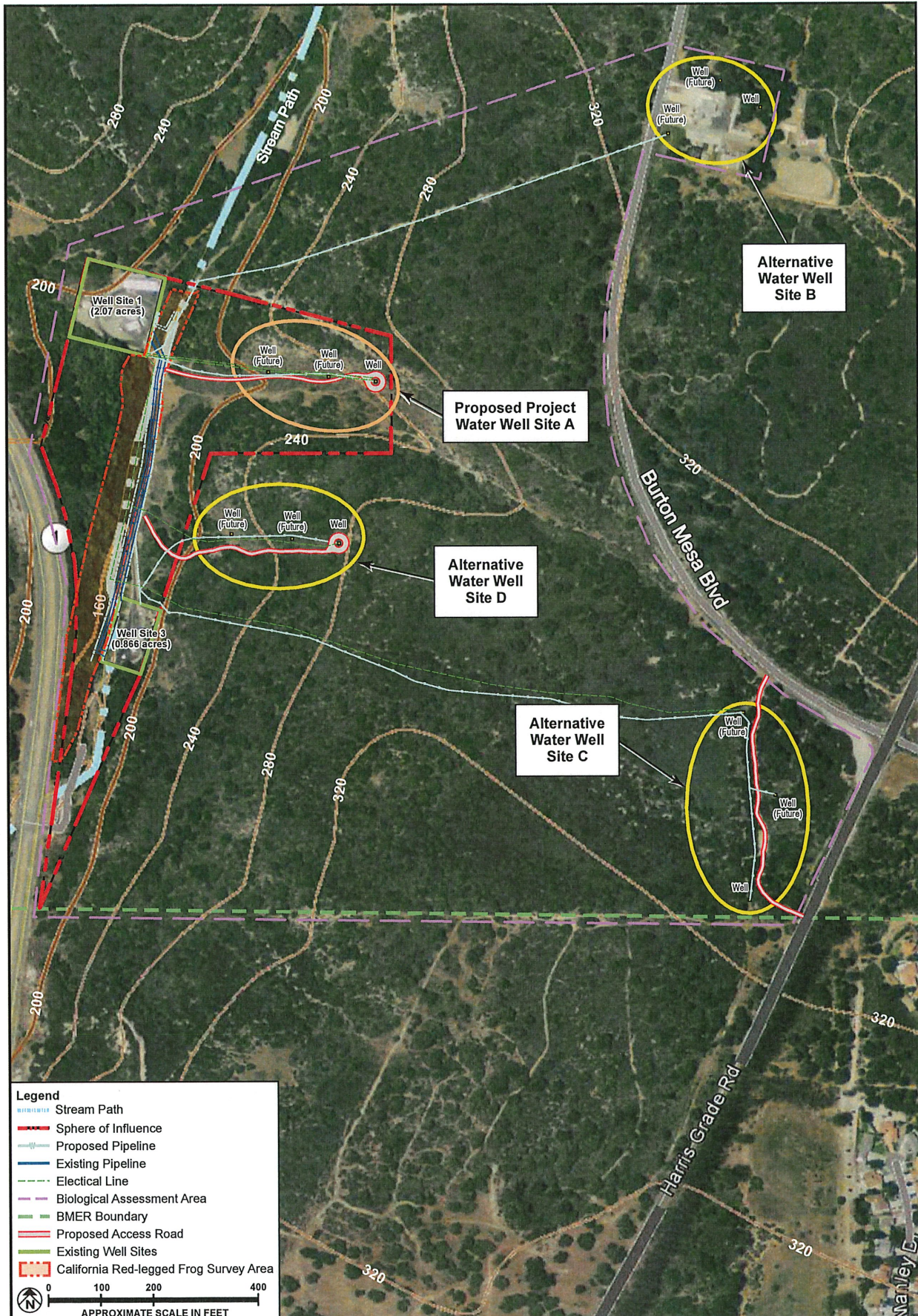
Signature of Applicant:  Date: 

Signature of Co-Applicant: _____ Date: _____

By: _____ Title: _____ (If Agent)

Date: _____

NOTE: Please remember to submit the fees as outlined on pages viii and ix of the Application Guidelines. You need to return all pages of the Application for Lease of State Lands.



SOURCE: Google Earth - 2015; County of Santa Barbara - 2012

FIGURE 3

Meridian
Consultants

Proposed and Alternative Project Sites

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

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



August 15, 2023

Mr. Kelly Connor, Public Land Management Specialist
Land Management Division
State Lands Commission
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825-8202

SUBJECT: Well Site Lease Application | W26877

Dear Mr. Connor:

Vandenberg Village Community Services District (VVCSD) would like to amend its Application to Lease State Lands to specifically request a lease of 0.684 acres to accommodate three replacement wells and 0.078 acres at the entrance to the District's water treatment plant. The parcels are described and shown in the enclosed Exhibits A and B.

The District requires additional land to prepare for the eventual replacement of its three old groundwater wells and to ensure continued access to groundwater from the Lompoc Upland aquifer. This aquifer is the sole source of drinking water for Vandenberg Village, a community of 7,300 people in an unincorporated area of northern Santa Barbara County.

The original application submitted in 2015 identified a proposed project site and three alternative sites. VVCSD hired Althouse and Meade to conduct a biological resource assessment and Applied Earthworks to conduct a cultural resources study for a broad, 166-acre area encompassing all sites. The cultural resources study inclusive of tribal consultation was completed and provided to the State Lands Commission in 2019. The biological resource assessment is enclosed.

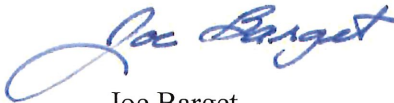
The District drilled a test well at one of the alternative sites, a parcel of County-owned property, in 2017. Unfortunately, there were high concentrations of arsenic in the groundwater at this location. In the course of performing biological surveys and ongoing work with various consultants and contractors, a new alternative site was conceived (see Parcel 1, Exhibit B). It appears to be a far superior site from three important perspectives: an adjacent 40-foot-wide road and pipeline easement could be used to stage and operate well drilling equipment resulting in the smallest required lease footprint; no new access roads would be required (just a short driveway to each well); and, it may result in the least overall impact to biological resources.

Although this well site may have the least impact to biological resources, it is not without impact. The biological resources assessment confirmed the presence of two special status plants: California spineflower and Lompoc ceanothus. One endangered species under the California Endangered Species Act (CESA) was considered to be present: Seaside bird's-beak. The taxonomy was inconclusive, however; the specimens may be Stiffbranch bird's-beak that is not a special status plant.

VVCSD is prepared to mitigate potential impacts to biological resources and suggest appropriate mitigation measures that could be incorporated into a lease agreement.

While performing a survey for the well site, the surveyor discovered that the road at the entrance to the District's water treatment plant was located on a small triangular piece of land just beyond the boundaries of historical District easements (see Parcel 2, Exhibit B). The District requests this 0.078-acre area be included in the lease.

Sincerely,



Joe Barget
General Manager

Enclosures

1. Exhibit A
2. Exhibit B
3. Well Site and Access Road Lease – Location Map
4. Biological Resource Assessment, Water Well Replacement Project, dated December 2022

EXHIBIT A

PARCEL 1

A portion of the "Map of the Partition of the Rancho La Purisima" filed in Superior Court, Case No. 642, John E. Wise *et al.*, v. Ramon Malo de Jones, *et al.*, in the County of Santa Barbara, State of California, described as follows.

Beginning at a 1/2" iron pipe and tag (record "RCE 2786", presently illegible, 0.2 feet below road surface,) at an angle point on the centerline of a 40 feet wide road and pipeline right of way, described as Parcel 2 in the deed from Union Oil Company of California to Vandenberg Utilities Company, recorded September 23, 1960, in Book 1782, Page 278 of Official Records of said County, which iron pipe is shown on the map filed April 15, 1960 in Book 60, Page 14 of Records of Survey, records of said county, from which a 1/2" iron pipe and tag (record "RCE 2786", presently illegible, 0.4 feet below road surface) bears South 12° 40' 35" West, 565.09 feet as shown on said Record of survey;

Course 1 - Thence along said centerline of said Parcel 2, North 7° 12' 05" East, 95.41 feet;

Course 2 - Thence at right angles, South 82° 47' 55" East, 20.00 feet to a point on the easterly sideline of said Parcel 2, the TRUE POINT OF BEGINNING;

Course 3 - Thence along said easterly sideline of Parcel 2, North 7° 12' 05" East, 240.00 feet to an angle point in said easterly line of Parcel 2;

Course 4 - Thence along said easterly sideline of Parcel 2, North 13° 59' 35" East, 65.81 feet to the northerly terminus of said easterly sideline of Parcel 2, being on the easterly extension of the southerly line of Parcel 1 of said deed to Vandenberg Utilities;

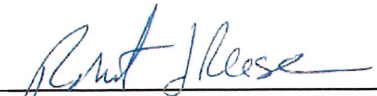
Course 5 - Thence along said easterly extension of Parcel 1, South 76° 00' 25" East, 92.87 feet to a point easterly of and 100 feet distant from Course 3 above as measured at right angles;

Course 6 - Thence South 7° 12' 05" West, 294.37 feet parallel with said Course 3 above to a point that bears South 82° 47' 55" East, 100 feet from the True Point of Beginning;

Course 7 - Thence North 82° 47' 55" West, 100.00 feet to the True Point of Beginning.

The above described PARCEL 1 contains 0.684 acres and is as shown on Exhibit B, attached hereto and made a part hereof.

This description has been prepared by me in accordance with provisions of the Professional Land Surveyors Act.


Robert J. Reese, LS 6208

February 23, 2021
date

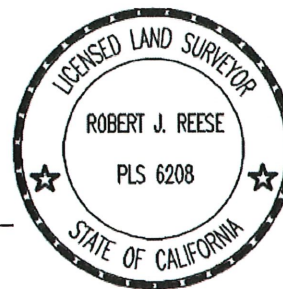


EXHIBIT A

PARCEL 2

A portion of the "Map of the Partition of the Rancho La Purisima" filed in Superior Court, Case No. 642, John E. Wise *et al.*, v. Ramon Malo de Jones, *et al.*, in the County of Santa Barbara, State of California, described as follows.

Beginning at a point on the easterly extension of the southerly line of Parcel 1 as described in the deed from Union Oil Company of California to Vandenberg Utilities Company, recorded September 23, 1960, in Book 1782, Page 278 of Official Records of said County, which point is the northerly terminus of the westerly sideline of Parcel 2 of said deed;

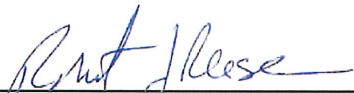
Course 1 – thence along the said easterly extension and the southerly line of said Parcel 1, North 76° 00' 25" West, 100.00 feet;

Course 2 – thence South 41° 43' 05" East, 121.03 feet to an angle point in the westerly line of said Parcel 2;

Course 3 – thence along said westerly line of Parcel 2 North 13° 59' 35" East, 68.19 feet to the Point of Beginning.

The above described PARCEL 2 contains 0.078 acres and is as shown on Exhibit B, attached hereto and made a part hereof.

This description has been prepared by me in accordance with provisions of the Professional Land Surveyors Act.



Robert J. Reese, LS 6208

February 23, 2021
date

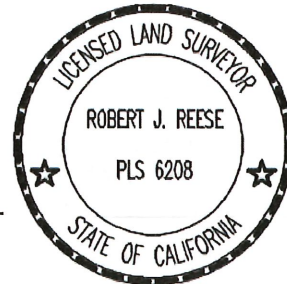
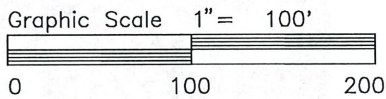
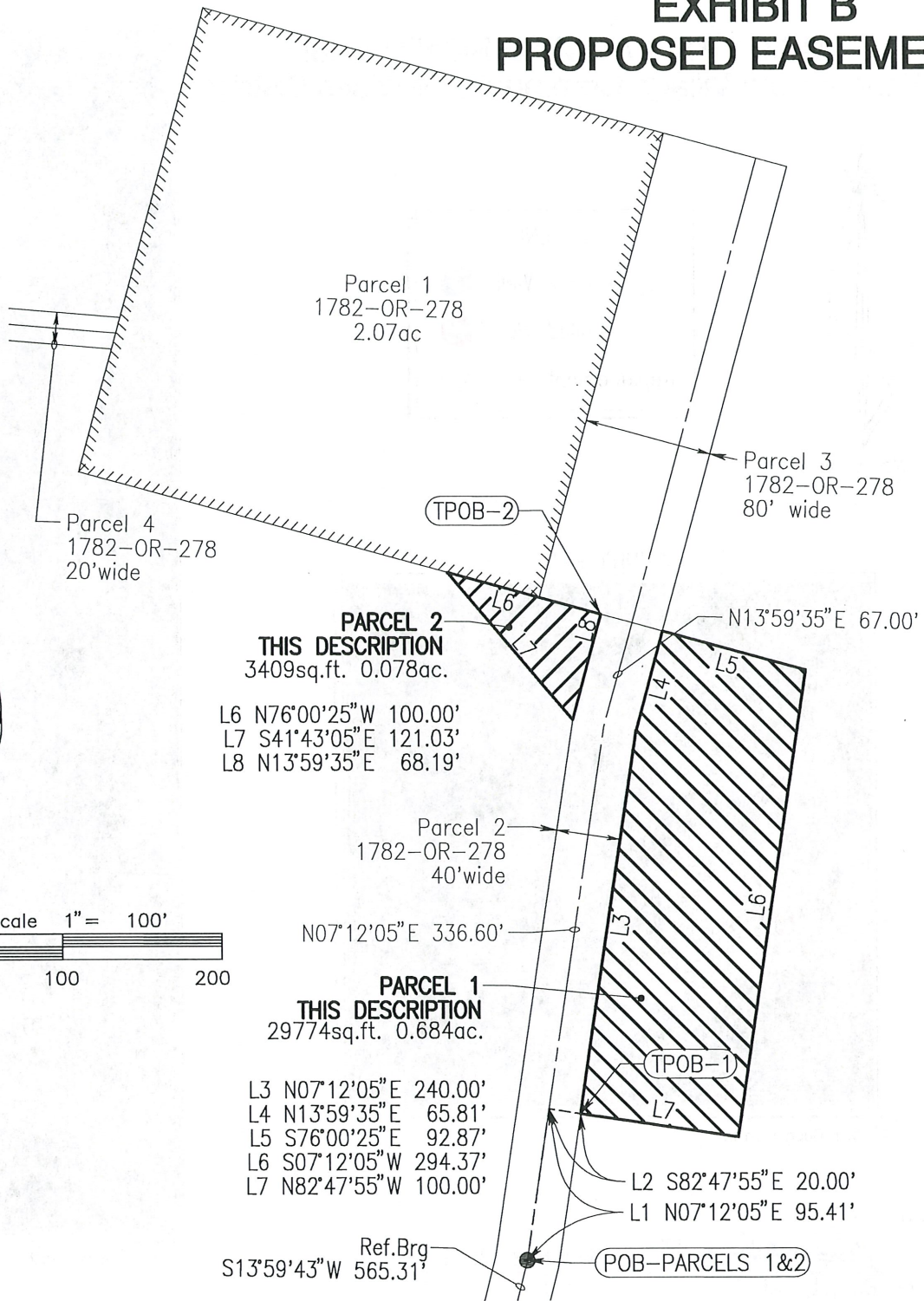


EXHIBIT B PROPOSED EASEMENTS



Tue Feb 23, 2021 C:\1.JOBS\2102-vvcsd\survey\2102-survey-rotated.pro

This description has been prepared by me in accordance with provisions of the Professional Land Surveyors Act.

Robert J. Reese 2021.02.23
 Robert J. Reese date



REESE
Water 
& Land
SURVEYING SERVICES
 900-B Los Osos Valley Road
 Los Osos, CA 93402-3206
 805.439.2741

WELL SITE & ACCESS ROAD LEASE Vandenberg Village Community Services District

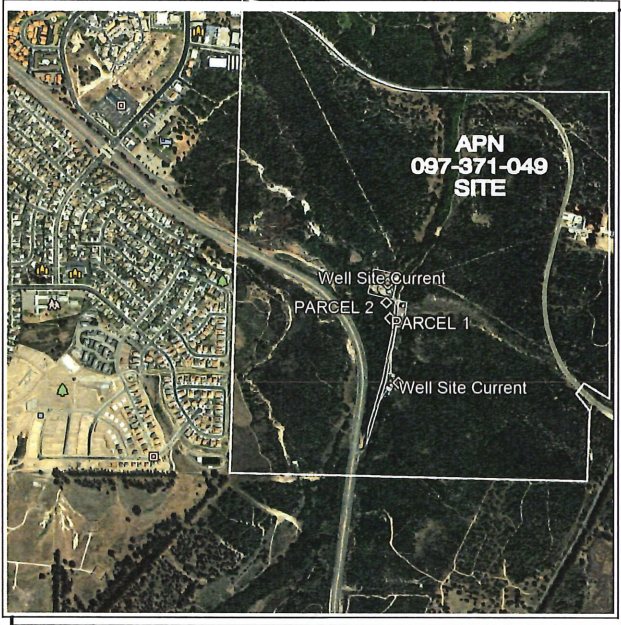


No Scale

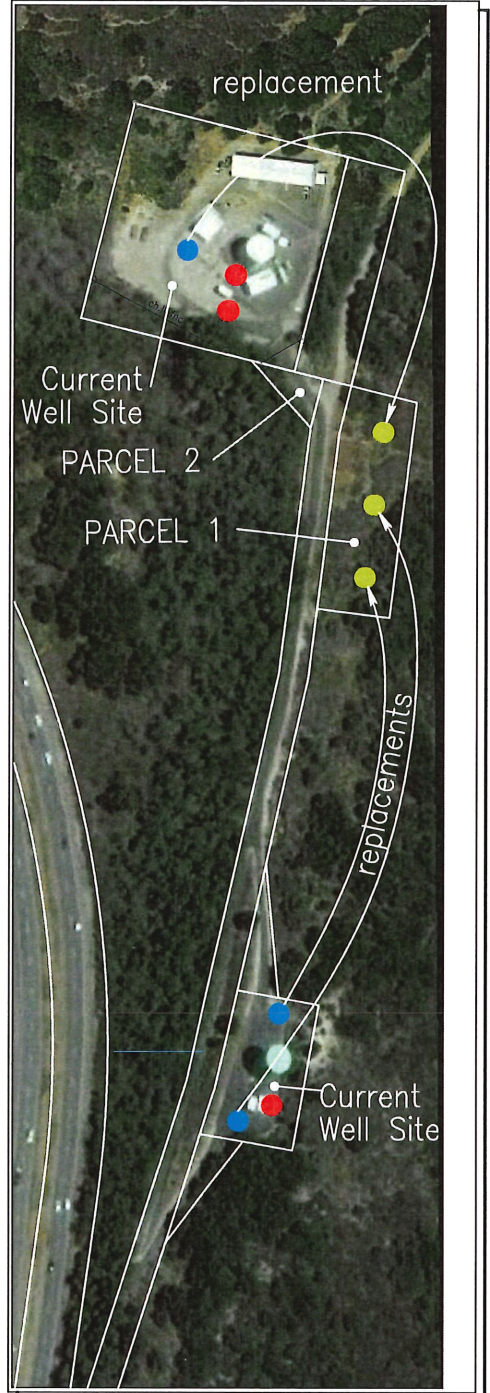
LEGEND

- Operational Well ●
- Failed Well ●
- Replacement Well ●

VICINITY MAP



© 2021 Google Earth



© 2021 Google Earth

Approved by

Joe Barget
Joe Barget, GM

March 2, 2021
date

This description has been prepared by me in accordance with provisions of the Professional Land Surveyors Act.

Robert J. Reese
Robert J. Reese 2021.02.25
date



REESE
Water **& Land**
SURVEYING SERVICES
900-B Los Osos Valley Road
Los Osos, CA 93402-3206
805.439.2741

STATE CAPITOL
P.O. BOX 942849
SACRAMENTO, CA 94249-0037
(916) 319-2037
DISTRICT OFFICE
101 WEST ANAPAMU STREET, SUITE A
SANTA BARBARA, CA 93101
(805) 564-1649

EMAIL
Assemblymember.Hart@assembly.ca.gov



COMMITTEES
APPROPRIATIONS
ARTS, ENTERTAINMENT, SPORTS,
AND TOURISM
TRANSPORTATION
WATER, PARKS, AND WILDLIFE
BUDGET SUBCOMMITTEE NO. 5 ON
PUBLIC SAFETY
JOINT LEGISLATIVE COMMITTEE
ON EMERGENCY MANAGEMENT

September 1, 2023

Executive Officer Jennifer Lucchesi
California State Lands Commission
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825

Director Charlton H. Bonham
California Department of Fish and Wildlife
715 P Street
Sacramento, CA 94244-2090

RE: Vandenberg Village Community Services District

Dear Executive Officer Lucchesi and Director Bonham:

I am writing to urge your full and fair consideration of the Vandenberg Village Community Services District's (VVCSD) request to transfer or lease about one acre of land within the state-owned Burton Mesa Ecological Reserve (BMER) for the construction of three new replacement groundwater wells. While the typical design life for a groundwater well is 25 years, VVCSD's existing wells are 36 to 46 years old, and the replacement wells would only go into use when absolutely necessary.

VVCSD is landlocked, surrounded by the BMER on three sides and Vandenberg Space Force Base on the fourth. Allocations from the State Water Project and drilling wells further than a half-mile away are cost prohibitive. The most viable alternative is to drill replacements near existing wells.

Vandenberg Village sits above the Lompoc Upland subbasin of the Santa Ynez River Valley Groundwater Basin. This large, healthy aquifer has been a reliable source of good-quality drinking water since 1960. A patchwork of historic easements containing access roads, treatment works, and wells were transferred with the land to the State Lands Commission (SLC) in 1991. SLC subsequently leased it to the California Department of Fish and Wildlife (CDFW).

VVCSD has been working closely with SLC and CDFW staff for eight years. A preliminary hydrologic appraisal investigation, test well, cultural resources study, and biological resources assessment have been completed.

The planned replacement wells will not increase pumping, but rather only ensure that the District can continue to pump up to 2,000 acre-feet per year (AFY) of groundwater to meet the drinking water needs of the community. No drilling will proceed until the failure, or imminent failure, of an existing well.

I appreciate your agency's attention to this matter.

Sincerely,

A handwritten signature in blue ink that reads "Gregg Hart". The signature is written in a cursive style with a large initial "G".

Assemblymember Gregg Hart

CC:

Bob Nelson, Fourth District Supervisor, Santa Barbara County
Christopher Brooks, Board President, VVCSD

CAPITOL OFFICE
STATE CAPITOL, RM. 3092
SACRAMENTO, CA 95814
TEL (916) 651-4019

SANTA BARBARA DISTRICT OFFICE
222 E. CARRILLO ST., STE. 309
SANTA BARBARA, CA 93101
TEL (805) 965-0862
FAX (805) 965-0701

OXNARD DISTRICT OFFICE
300 E. ESPLANADE DR., STE. 430
OXNARD, CA 93036
TEL (805) 988-1940
FAX (805) 988-1945

WWW.SENATE.CA.GOV/LIMON
SENATOR.LIMON@SENATE.CA.GOV

California State Senate

SENATOR
MONIQUE LIMÓN
NINETEENTH SENATE DISTRICT



COMMITTEES
BANKING & FINANCIAL INSTITUTIONS CHAIR
HEALTH
NATURAL RESOURCES & WATER
SPECIAL COMMITTEE ON PANDEMIC EMERGENCY RESPONSE
JOINT LEGISLATIVE COMMITTEE ON EMERGENCY MANAGEMENT
SELECT COMMITTEE ON THE NONPROFIT SECTOR CHAIR

October 4, 2023

Executive Officer Jennifer Lucchesi
California State Lands Commission
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825

Dear Executive Officer Lucchesi:

I am writing to request that the State Lands Commission work with the Department of Fish and Wildlife to assist the Vandenberg Village Community Services District (VVCSD) with transferring a lease so the district will be prepared to replace its water wells when needed. This lease is for approximately one acre of land within the state-owned Burton Mesa Ecological Reserve (BMER), adjacent to existing wells.

Vandenberg Village is a rural community of 7,300 people solely dependent on groundwater from three old wells. A typical design life for a groundwater well is 25 years. These wells are 36-46 years old. The District is also landlocked: surrounded by the BMER on three sides and Vandenberg Space Force Base on the fourth. VVCSD has stated that they assessed all possible options and has found that the only viable option is to drill replacements near existing wells. They stated that State Water and drilling wells further than a half-mile away are cost-prohibitive.

Vandenberg Village sits above the Lompoc Upland subbasin of the Santa Ynez River Valley Groundwater Basin. This large, healthy aquifer has been a reliable source of good-quality drinking water since 1960. A patchwork of historic easements containing access roads, treatment works, and wells was transferred with the land to the State Lands Commission (SLC) in 1991. SLC subsequently leased it to the California Department of Fish and Wildlife (CDFW).

VVCSD has been working closely with SLC and CDFW staff for eight years. A preliminary hydrologic appraisal investigation, test well, cultural resources study, and biological resources assessment have been completed. VVCSD is also committed to mitigating any disturbance that may occur to nearby plant species.

The planned replacement wells will not increase pumping, only ensure that the district can continue to pump up to 2,000 acre-feet per year (AFY) of groundwater to meet the drinking

water needs of the community. No drilling will proceed until the failure, or imminent failure, of an existing well.

I request a full and fair consideration of VVCSD planning efforts by working constructively with their General Manager to set a small parcel of land aside so Vandenberg Village can drill replacement wells when the need arises.

Sincerely,

A handwritten signature in black ink that reads "Monique Limón". The signature is written in a cursive, flowing style with a large initial "M".

MONIQUE LIMÓN
Senator, 19th District

CAPITOL OFFICE
STATE CAPITOL, RM. 3092
SACRAMENTO, CA 95814
TEL (916) 651-4019

SANTA BARBARA DISTRICT OFFICE
222 E. CARRILLO ST., STE. 309
SANTA BARBARA, CA 93101
TEL (805) 965-0862
FAX (805) 965-0701

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300 E. ESPLANADE DR., STE. 430
OXNARD, CA 93036
TEL (805) 988-1940
FAX (805) 988-1945

WWW.SENATE.CA.GOV/LIMON
SENATOR.LIMON@SENATE.CA.GOV

California State Senate

SENATOR
MONIQUE LIMÓN

NINETEENTH SENATE DISTRICT



COMMITTEES
BANKING & FINANCIAL INSTITUTIONS
CHAIR
HEALTH
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PANDEMIC EMERGENCY RESPONSE
JOINT LEGISLATIVE COMMITTEE ON
EMERGENCY MANAGEMENT
SELECT COMMITTEE
ON THE NONPROFIT SECTOR
CHAIR

October 4, 2023

Director Charlton H. Bonham
California Department of Fish and Wildlife
715 P Street
Sacramento, CA 94244-2090

Dear Director Bonham:

I am writing to request that the Department of Fish and Wildlife work with the State Lands Commission to assist the Vandenberg Village Community Services District (VVCSD) with approving a lease so the district will be prepared to replace its water wells when needed. This lease is for approximately one acre of land within the state-owned Burton Mesa Ecological Reserve (BMER), adjacent to existing wells.

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I request a full and fair consideration of VVCSD planning efforts by working constructively with their General Manager to set a small parcel of land aside so Vandenberg Village can drill replacement wells when the need arises.

Sincerely,

A handwritten signature in black ink that reads "Monique Limón". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

MONIQUE LIMÓN
Senator, 19th District

Birdsbeak consultation on Burton Mesa

Heather Schneider <hschneider@sbbotanicgarden.org>

Tue 12/19/2023 11:38 AM

To: Joe Barget <jbarget@vvcisd.org>

📎 1 attachments (95 KB)

BurtonMesaBirdsbeakID_SBBG2024.pdf;

Hi Mr. Barget,

My name is Heather Schneider and I'm the Senior Rare Plant Conservation Scientist at Santa Barbara Botanic Garden. Richard Brody and Kelly Schmoker at CDFW suggested that I reach out to you about setting up a contract to identify the birdsbeak plants observed at Burton Mesa this year. I laid out a potential plan for CDFW that they approved and they asked me to follow up with a proposal to you. Given the late date and the fact that the plants are no longer at peak status for identification, we suggest delaying this work until fall 2024 when the plants are at the best stage for definitive identification. I'm attaching a draft scope of work and budget here for your consideration. Please let me know if you have any questions and whether you'd like to proceed with this plan.

I will be leaving town soon but will return to work in early January. Happy holidays.

Best,
Heather



Heather Schneider, PhD

Senior Rare Plant Conservation Scientist (she/her)

Santa Barbara Botanic Garden

1212 Mission Canyon Rd.

Santa Barbara, CA 93105

805.690.1117

SBBotanicGarden.org



Santa Barbara Botanic Garden

DRAFT SOW & BUDGET

Prepared for: Joe Barget
General Manager
Vandenberg Village Community Services District
jbarget@vvcasd.org

Prepared by: Heather Schneider
Senior Rare Plant Conservation Scientist
Santa Barbara Botanic Garden
hschneider@sbbotanicgarden.org

December 19, 2023

Objective: To identify birdsbeak (*Cordylanthus rigidus*) plants observed at Burton Mesa to the lowest minimum rank possible.

Methods:

Santa Barbara Botanic Garden (SBBG) suggests a stepwise approach to identifying birdsbeak plants observed and that management actions follow based on our findings. First, SBBG’s Senior Rare Plant Conservation Scientist (Dr. Heather Schneider) and Plant Systematist (Dr. Matt Guilliams) will visit Burton Mesa, conduct surveys and collect at least one herbarium specimen. CDFW and others are welcome to join in the field visit, as interested and available. Next, SBBG staff will work in the SBBG Clifton Smith Herbarium to review specimens of both *Cordylanthus rigidus* subtaxa that occur at Burton Mesa and make morphological comparisons to the plants that we observed and collected in the field. Then we will review the scientific literature to understand how these two taxa were originally described and differentiated. Once all of this information is compiled, we will provide a letter describing what we’ve learned and how that pertains to the plants at Burton Mesa. We’ll also make any recommendations for next steps that we deem necessary.

We do not recommend initiating a genetics study at this time. If we think that a genetics study is warranted, that will be designed and implemented separately and would include broad sampling across the distribution of the taxonomic group to provide context to the results.

Estimated timeline:

Work will begin in fall 2024, when plants are at the correct stage for identification. CDFW will notify SBBG of birdsbeak phenology at Burton Mesa. A final letter will be furnished within two weeks of the field visit.

Estimated budget:

Personnel	Rate	Quantity	Total
Senior Rare Plant Conservation Scientist	\$100	24	\$2,400
Plant Systematist	\$100	24	\$2,400
Mileage	\$0.67	120	\$80
Total			\$4,480

RE: Birdsbeak consultation on Burton Mesa

Joe Barget <jbarget@vvcasd.org>

Fri 12/29/2023 4:20 PM

To: Heather Schneider <hschneider@sbotanicgarden.org>

Cc: Richard Brody <Richard.Brody@wildlife.ca.gov>; Kelly Connor <Kelly.Connor@slc.ca.gov>; Cynthia Herzog <cynthia.herzog@slc.ca.gov>; LynneDee Althouse <LynneDee@althouseandmeade.com>; Cynthia Allen <callen@vvcasd.org>

📎 2 attachments (9 MB)

Bird's-beak Identification 20231229.pdf; BurtonMesaBirdsbeakID_SBBG2024.pdf;

Hello Ms. Schneider –

Thank you for your proposal to identify bird's-beak plants in the vicinity of VVCSD's proposed well site. The District's certified consulting botanist provided us with additional information that we would like to discuss with you prior to moving forward.

Given the taxonomic record of hybridization, it's likely that the plants in the vicinity of the proposed well site are hybrids between *Cordylanthus rigidus* ssp. *littoralis* and *Cordylanthus rigidus* ssp. *rigidus*. According to Chuang and Heckard (1986) referenced in the attached report, formal taxonomic recognition of the variants in this location may be impractical and unwarranted.

Sincerely,
Joe

Joe Barget, General Manager

Vandenberg Village Community Services District (VVCSD)

3745 Constellation Road

Lompoc, CA 93436

(805) 733-2475 work

From: Heather Schneider <hschneider@sbotanicgarden.org>

Sent: Tuesday, December 19, 2023 11:38 AM

To: Joe Barget <jbarget@vvcasd.org>

Subject: Birdsbeak consultation on Burton Mesa

Hi Mr. Barget,

My name is Heather Schneider and I'm the Senior Rare Plant Conservation Scientist at Santa Barbara Botanic Garden. Richard Brody and Kelly Schmoker at CDFW suggested that I reach out to you about setting up a contract to identify the birdsbeak plants observed at Burton Mesa this year. I laid out a potential plan for CDFW that they approved and they asked me to follow up with a proposal to you. Given the late date and the fact that the plants are no longer at peak status for identification, we suggest delaying this work until fall 2024 when the plants are at the best stage for definitive identification. I'm attaching a draft scope of work and budget here for your consideration. Please let me know if you have any questions and whether you'd like to proceed with this plan.

I will be leaving town soon but will return to work in early January. Happy holidays.

Best,
Heather



Heather Schneider, PhD

Senior Rare Plant Conservation Scientist (she/her)

Santa Barbara Botanic Garden

1212 Mission Canyon Rd.

Santa Barbara, CA 93105

805.690.1117

SBBotanicGarden.org



1650 Ramada Drive, Suite 180
 Paso Robles, CA 93446
 (805) 237-9626 • Fax (805) 237-9181
 www.althouseandmeade

VVCSD – Well Site E
 Santa Barbara County, California
 December 29, 2023

1 BIRD’S-BEAK PLANT IDENTIFICATION ISSUE

VVCSD plans for water well replacement on an approximately 25-year cycle. The preferred well replacement location is commonly known as Well Site E (Action Area). It minimizes environmental disturbance but may support a plant listed in 1982 by California Department of Fish and Game (CDFG) as State Endangered (not federally listed). The state listed plant is Seaside Bird’s-beak (*Cordylanthus rigidus* ssp¹. *littoralis*), originally described from a collection in Monterey County near Carmel. The term “littoralis” means growing by the sea.

Observations and collections from the vicinity of the Action Area include both the common and rare subspecies of bird’s-beak (*Cordylanthus rigidus* ssp. *rigidus* and *C. r.* ssp. *littoralis*) (Figure 1). These two subspecies are known to hybridize. California’s 1999 status report¹ on rare plants notes: “At some of the Santa Barbara County sites, subspecies *littoralis* hybridizes with subspecies *rigidus*, with the latter also native to this area.”

The plants present in the Action Area appear to share characteristics of both subspecies, and therefore may not be representative of the subspecies first described from Seaside, in Monterey County, California.

Bird’s-beak is an annual wildflower that occurs in sandy gaps among Burton Mesa chaparral shrubs on the Burton Mesa Ecological Reserve (BMER). Over the last 50+ years, botanists collected annual bird’s-beak plants on either side of the existing water wells and treatment facilities. Dried specimens (vouchers) of both the seaside (*Cordylanthus rigidus* ssp. *littoralis*) and rigid (*Cordylanthus rigidus* ssp. *rigidus*) bird’s-beak were deposited in various herbaria. Plants in the Action Area appear to be an intermediate form of the recognized subspecies.

2 BIRD’S-BEAK DESCRIPTION

The generic name *Cordylanthus* (Greek, club-flower) and the common name (bird’s-beak) reflect the club-shaped or “fusiform” flower (corolla) shape and the arrangement of the upper and lower lips of the flower resembling a bird’s-beak. The corolla consists of a basal tube and two distal lips with the tube expanded distally into a laterally distended pouch involving the throat and lower lip. The upper lip, called a galea (Latin, helmet) because of its shape, is formed from a fusion of two lobes and is sagittally compressed, rounded on top, and hooded at the apex. The lower lip consists of three small lobe, with the two later incurved upwardly, while the tip of the median lobe is tightly revolute outwardly.

¹ The abbreviation “ssp.” means subspecies.

Botanists call the side of the corolla facing the bract (subtending flower part) and terminating in the lower lips as the front or anterior side of the corolla. The opposite side terminating in the upper corolla lobes is called the back or posterior side.

The more common “rigid” subspecies has a flower part called the outer bract that is divided below the middle of the structure. Whereas the “seaside” subspecies outer bracts are divided above the middle of the bract. See figure from the [Jepson Herbarium, UC Berkeley eFlora](#) on next page.

Bird’s-beaks are generally sparse, weedy-looking annuals with long branching erect stems and little foliage, and many bear bird's-beak-shaped flowers. All are hemiparasites, meaning they rely on a host plant for some of their nutrients, inserting haustoria into their host's roots to get nutrients. They target various trees, shrubs, and herbaceous perennials (Chuang and Heckard 1976ⁱⁱ).

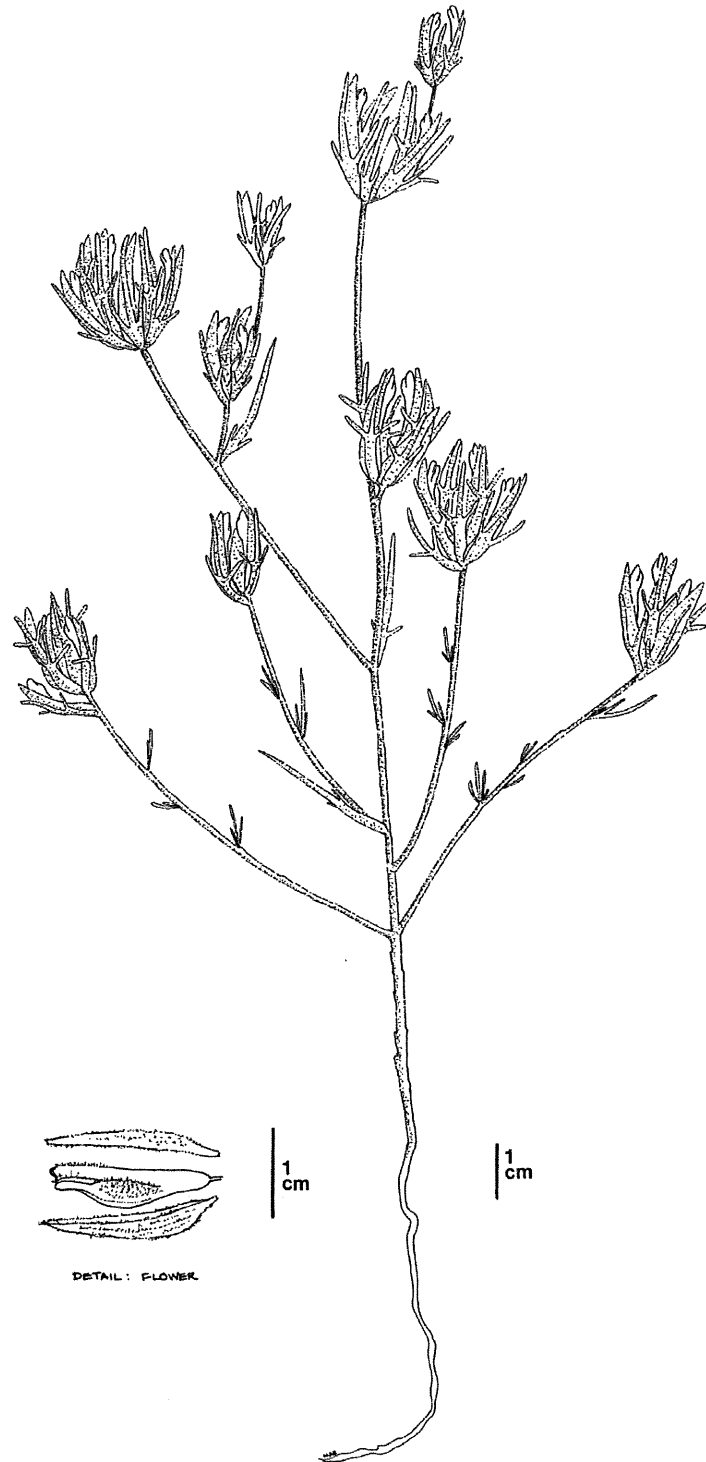


Cordylanthus rigidus ssp. *rigidus* (Morse, K. 2009)ⁱⁱⁱ; San Benito Co. (Russler, M. 2021)^{iv}
Arrow indicates outer bract divided below the middle of the structure. Also note the rough-looking surface of the plant.



Cordylanthus rigidus ssp. *littoralis* (Left, inflorescence by R.A. Chasey 2022^v. Right, stem from Fort Ord by Irene Rosen 2022^{vi}). Arrow indicates outer bract divided above the middle of the structure. Also note the very soft-looking surface of the plant.

Plant illustrator Maryann Showers provided the California Department of Fish and Wildlife with this drawing for reference^{vii}. Note that the seaside bird's-beak tends to be short relative to the more common subspecies *C. r. ssp. rigidus*.



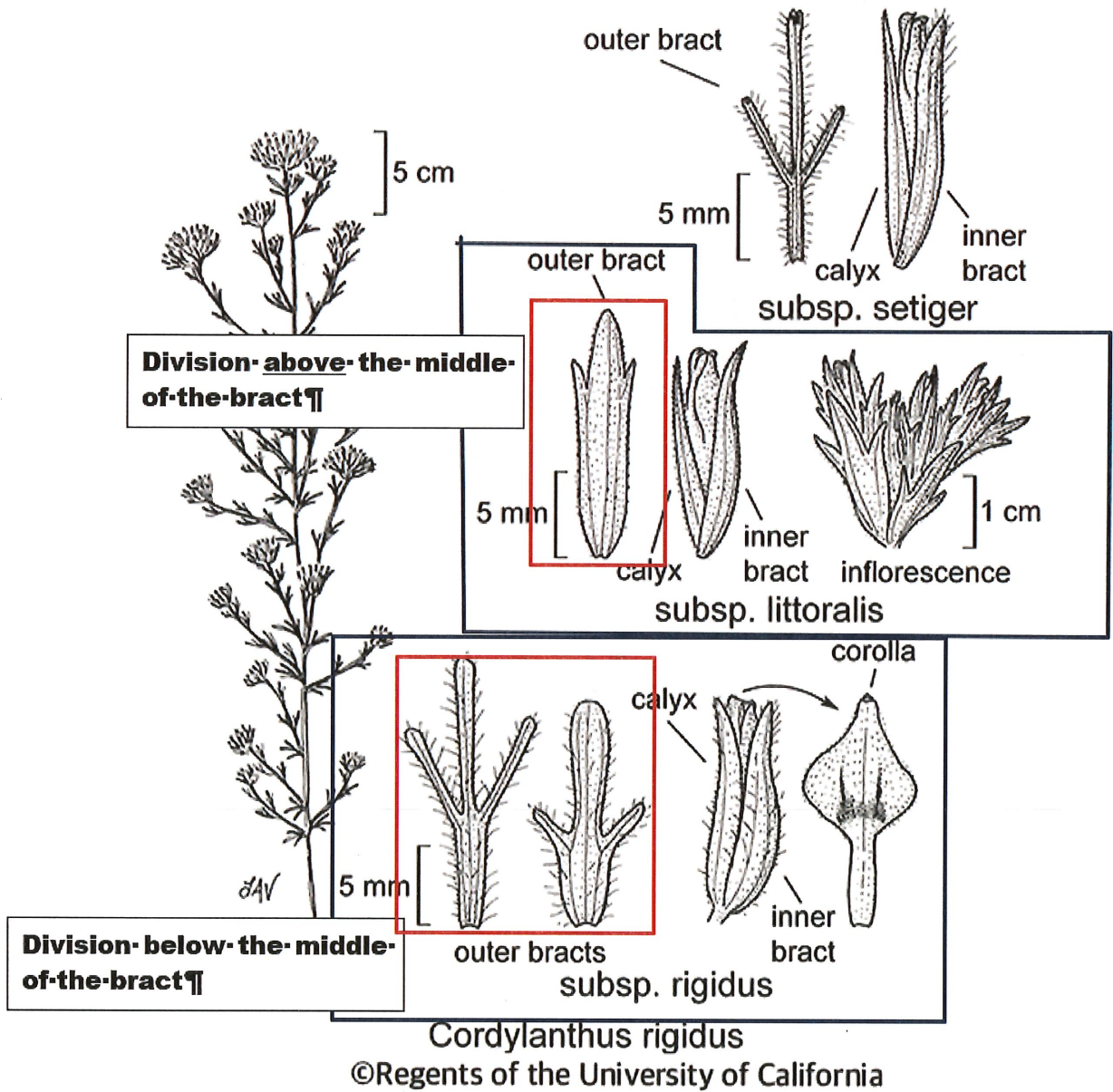
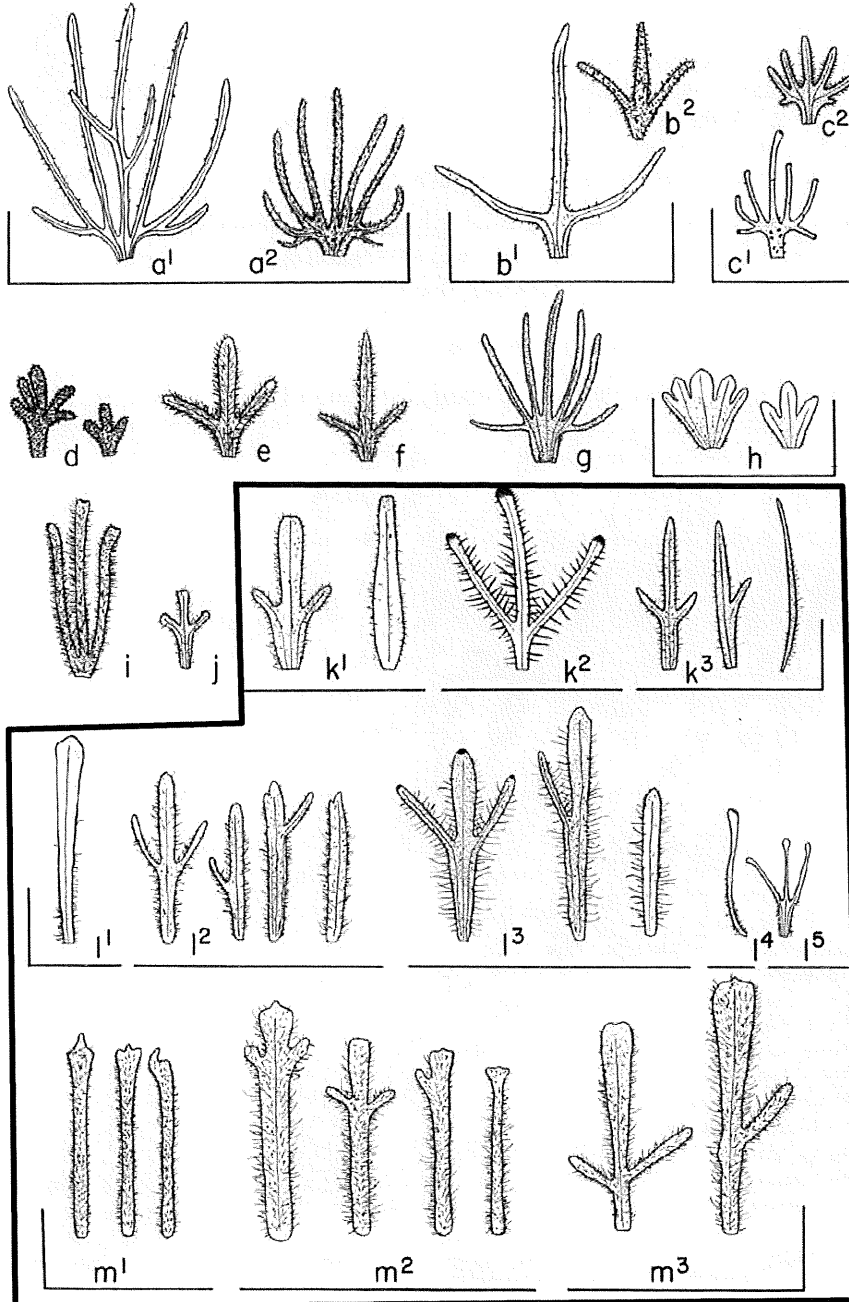


Figure from [The Jepson Herbarium, UC Berkeley eFlora](#).

2.1 Description by botanists Tsan lang Chuang and Lawrence R. Heckard

In 1986, two well-respected plant taxonomists, Chuang and Heckard^{viii} published the systematics and evolution of the genus *Cordylanthus*. Their Figure 3 drawings k to m (outlined below) are detailed drawings of *Cordylanthus rigidus* bract variation in which the outer bracts may be 2- or 3-cleft or entire.



They state:

Cordylanthus rigidus is relatively widespread in the South Coast Ranges from Alameda and San Mateo counties and in the Sierra Nevada from Tuolumne Co. southward to cismontane southern California and extended into Baja California Norte (Fig. 17). It occurs in open areas in foothill woodlands, chaparrals, and coniferous forests. The species has its nearest affinity with *C. pilosus* and *C. tenuis* but is easily

distinguished from these species by the distinctive floral arrangement of many flowers in congested clusters, hirsute-hispid outer bracts (except subsp. *littoralis*), and corollas with an anteriorly U-shaped purple-maroon marking. The range of *C. rigidus* is more southern and is only sympatric with the other two species at its northern borders.

This is the most actively differentiating and highly polymorphic species of *Cordylanthus*. It exhibits great variability in the number of flowers in each capitulate cluster and in the morphology of outer bracts and their indument (Figs. 16, 18). The extreme forms are sometimes so different that they have been accorded specific status. Ferris (1918) treated this complex as comprising three species and two varieties (*C. filifolius*, *C. rigidus* var. *rigidus* and var. *brevibracteatus*, *C. littoralis*), Pennell (1951) as six species (*C. filifolius*, *C. rigidus*, *C. compactus*, *C. ferrisianus*, *C. littoralis*, *C. platycephalus*), and Munz (1959) as four species and four subspecies (*C. filifolius*, *C. rigidus* subsp. *rigidus* and subsp. *brevibracteatus*,

C. ferrisianus, *C. littoralis* subsp. *littoralis* and subsp. *platycephalus*). Jepson (1925) treated the group as one species with four varieties (*C. rigidus* var. *rigidus*, var. *brevibracteatus*, var. *littoralis*, and var. *sylvaticus*). We concur with Jepson in treating this as a single polytypic and plastic species but are dividing the same assemblage into four geographically coherent subspecies and five morphological races.

Chuang and Heckard only showed one location for ssp. *littoralis* in Santa Barbara County. From Figure 17 in their paper:

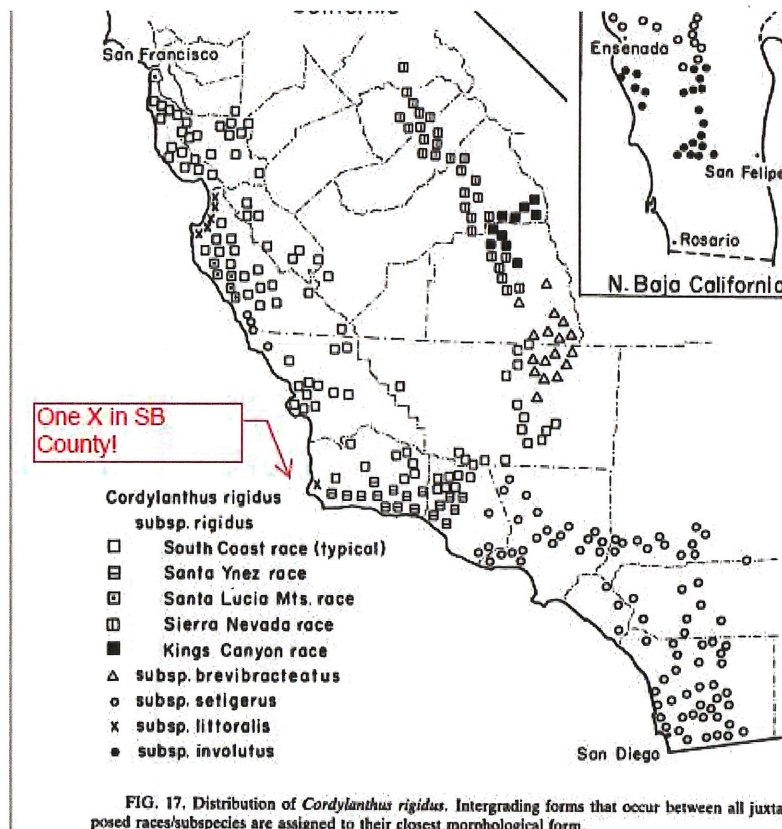


FIG. 17. Distribution of *Cordylanthus rigidus*. Intergrading forms that occur between all juxtaposed races/subspecies are assigned to their closest morphological form.

In the Santa Lucia Mountains, they concluded convergence of characteristics, and called that regions *C. rigidus* taxa the Santa Lucia Mountains Race. They stated: “Intergradation of the features of this race is especially pronounced with the South Coast Range race to the east and to a lesser degree with subsp. *littoralis* of the Monterey region.”

They also describe a Santa Ynez Mountains Race, and include their hypothesis of introduction from the north (bold, large text is for emphasis):

“The plants of this race of the seaward side of the mountains of Santa Barbara and Ventura counties were described as *C. platycephalus* by Pennell (1947), who pointed out that they and their allies (*C. littoralis* and *C. ferrisianus*) differed from *C. rigidus* (sensu stricto) in their softly ciliate inflorescences and in the lobes of the outer bracts, which are scarcely or not at all widened distally. We define the race mostly on the outer bract character but also on the softer hairs and the larger number of flowers in a cluster. We recognize that these features are variable, and that this race intergrades extensively on the northern margin with the South Coast Range race. The larger number of flowers may be due to the influence of genes from *C. rigidus* subsp. *setigerus* to the south (Fig. 17). **It is possible that the presence of genes for the inwardly tapering bract apices and the soft indument in the coastal populations of *C. rigidus* (sensu lato) are the result of an introduction in the past of *C. rigidus* subsp. *littoralis* (of the Monterey peninsula sand dunes) into the sandy regions near Lompoc.** The Lompoc plants (e.g., Hochberg 2015) are remarkably similar in outer bract shape and indument to the Monterey plants and are assigned to that subspecies. Plants (e.g., Heckard 2835) of some populations of that region are much taller than plants of subsp. *littoralis*, however, and the distinctive features of bracts and indument of subsp. *littoralis* merge with those of surrounding populations and beyond within the Santa Ynez Mountains.

REPRESENTATIVE SPECIMENS (Santa Ynez Mountains race). CALIFORNIA: Santa Barbara Co., Burton Mesa Road, ca 1 mi N of Purisima Mission, Lompoc, Heckard 2835 (JEPS) (intermediate toward *C. rigidus* subsp. *littoralis*), Chuang 6801 (ISU, JEPS); Refugio Pass, Heckard 3221, 3786-87 (JEPS). Ventura Co., along Sulphur Mtn road, 2 mi S of Upper Ojai Valley, Heckard 3218 (ISU, JEPS).”

2.1.1 Seaside Bird's-beak

The named subspecies type location, the place where this subspecies was originally collected, is Carmel in open pine woods on August 17, 1909 by LeRoy Abrams, a Stanford botanist (collection number 4254). The plant collection from the original location is called the holotype².

Cordylanthus rigidus* subsp. *littoralis (Ferris) Chuang & Heckard, comb. nov. *Adenostegia littoralis* Ferris, Bull. Torrey Bot. Club 45: 413. 1918. *Cordylanthus littoralis* (Ferris) Macbride, Contr. Gray Herb. n. ser. 59: 37. 1919. *Cordylanthus rigidus* var. *littoralis* (Ferris) Jepson, Man. ft. pl. Calif. 946. 1925.-TYPE: U.S.A. California: Monterey Co., Carmel, open pine woods, 17 Aug 1909, Abrams 4254 (holotype: DS!, fragment: PH!).

Plants 3-8 dm tall; herbage pale yellowish often becoming reddish tinged, puberulent, not bristly or hispid. Flowers in clusters of 5-8-flowered heads, these 1-2 cm wide. Outer bracts 1-2 cm long, 3-parted up to $\frac{1}{2}$ their length; central segment lanceolate or linear, tapering towards apex, puberulent with non-glandular hairs, not hispid-ciliate or bristly-ciliate, or scarcely so. Corolla 1.5-2 cm long. Fig. 16 m-o.

² Holotype: The single specimen designated as the type of a species by the original author at the time the species name and description was published.

Phenology. Flowering July to August.

Distribution. (Fig. 17). Late Pleistocene sand dunes with scattered live oak- monterey pine and maritime chaparral; Monterey Peninsula and near coast of southern Monterey Bay, Monterey Co., 5-100 m, also local in sandy areas north of Lompoc, Santa Barbara Co., ca 200 m.

REPRESENTATIVE SPECIMENS: U.S.A. CALIFORNIA: Monterey Co., near Del Monte, Heller 8427 (CAS, DS, F, OH, MO, NY, PH, UC, US); upper end of Elkhorn Slough, Mason 5908 (UC). Santa Barbara Co., mesa mi N of junction of Rucker Rd and Hwy 1, Hochberg 2015 (JEP, SBBG).

This rather restricted subspecies is clearly allied to *C. rigidus* subsp. *rigidus*, whose geographic range mostly surrounds it; **the distinguishing features of the two subspecies intergrade in regions of contact. The plants are confined in their most distinct form to the stabilized dunes of the Monterey peninsula. They differ from subsp. rigidus in their shorter stature, outer bracts with broader divisions that taper towards the apex, and an indument that is softer, i.e., puberulent herbage and softly ciliate bracts.** Ferris (1918) separated *C. littoralis* from *C. rigidus* on the basis of the floral bract's ("lower calyx leaf") being longer than the calyx ("upper calyx leaf"), but this feature is variable throughout the entire *C. rigidus* complex. Variation patterns in populations peripheral to subsp. *littoralis* on the Monterey peninsula are complicated by intergradation with one or both of two races of subsp. *rigidus*: eastward with the South Coast Range race and southward with the Santa Lucia Mountains race.

Plants similar to subsp. *littoralis* are localized on the sandy mesas north of Lompoc, Santa Barbara Co., and are probably the result of an introduction from Monterey Co. in the distant past. These plants are largely unchanged in the sandy areas near Lompoc except for the greater height of some, but those of populations eastward in the Santa Ynez Mountains have tapering outer bracts and softer hairs on the herbage, which indicates extensive spreading of the features that define subsp. *littoralis* (see: Santa Ynez Mountains race of *C. rigidus* subsp. *rigidus*, no. 3a).

Excerpt from Pages 36 to 39 of Chuang and Heckard's publication:

Cordylanthus rigidus consists of a series of morphological races of varying geographic range (Fig. 17) and discreteness. The five most discrete groups are considered major races and are accorded subspecific status. Two of the subspecies (subsp. *littoralis* and subsp. *brevibracteatus*) have a limited geographic distribution, but they occupy distinctive habitats and maintain their morphological discreteness within these habitats. The other three subspecies (subsp. *rigidus*, subsp. *setigerus*, subsp. *involutus*) are more wide-ranging. The most widespread element, subsp. *rigidus*, is highly variable with a part of the variation assignable to minor races of varying geographic range. They are defined on the basis of either 1) minor, but fairly consistent morphological divergence over an extensive area (South Coast Range and Sierra Nevada races), or 2) more striking morphological differences in extreme, localized forms (Santa Lucia, Santa Ynez, and Kings Canyon races) that intergrade extensively with neighboring races or subspecies. The variation of flower number per cluster and of the morphology of outer bracts and their indument among these five subspecies is complex, and intergradation is extensive in the areas where any of the two races of subspecies approach. Therefore taxonomic recognition of any entities other than these five subspecies seems impracticable.

Their key to the subspecies related to *C.r.* ssp. *littoralis*:

1. Outer bracts hirsute-hispid to weakly ciliate and puberulent; middle segment of outer

bracts linear-oblong or lanceolate, not expanded apically, or if expanded then the apex truncate or slightly retuse and faintly maroon or green or whitish tipped; spreading marginal hairs of middle segment (if present) about equalling the breadth of segment; South Coast and Transverse Ranges and southern Sierra Nevada.

2. Herbage hirsute and hirsutulous with stiff hairs; bracts hirsute and scabrous; base of outer bract (below division) up to 1/4 as wide as long, the middle segment with parallel margins or widening apically (tapering in Kings Canyon and Santa Ynez races); widespread in California. 3a. *C. rigidus* subsp. *rigidus*.

4. Herbage downy to puberulent with soft hairs; bracts weakly ciliate and puberulent; base of outer bract (below division) 1/3 to 1/2 as wide as long, the middle segment tapering towards apex; Monterey Bay and Lompoc region. 3b. *C. rigidus* subsp. *littoralis*.

3. Outer bracts hispid-ciliate, rarely puberulent; middle segment of outer bracts linear with expanded, emarginate, dark purple apex; spreading marginal setae of middle segment up to twice the width of midpoint of segment; southern California to adjacent Baja California Norte. 3c. *C. rigidus* subsp. *setigerus*.

2.1.2 Rigid Bird's-beak

3a. *Cordylanthus rigidus* subsp. *rigidus*.

Adenostegia rigida var. *macrocephala* Kuntze, Revis. gen. pl. 2: 456. 1891.- TYPE: U.S.A. California: Fremont's Expedition to California, 1845-47 (lectotype, here designated: K!, based on Kuntze's annotation; isolecto- types: GH! MO!). This was erroneously listed in the Gray Herbarium Card Index as *Adenostegia ramosa* var. *macrocephala* Kuntze. The Kew collection matches specimens from the Sierra Nevada foothills, but it is not clear from the account of the Fremont travels (McKelvey 1955) as to when or where any collection of *Cordylanthus rigidus* was made. = Sierra Nevada race.

Cordylanthus rigidus var. *sylvaticus* Jepson, Man. fl. pl. Calif. 946. 1925.- TYPE: U.S.A. California: Monterey Co., dry opens, summit first ridge, Posts to Cold Spring, 2000 feet, 15 Sep 1906, *Jepson 2590* (holotype: JEPS!). = Santa Lucia race.

Cordylanthus platycephalus Pennell, Proc. Acad. Nat. Sci. Philadelphia 99:

195. 1947. *Cordylanthus littoralis* subsp. *platycephalus* (Pennell) Munz, Aliso 4: 98. 1958.- TYPE: U.S.A. California: Santa Barbara Co., Monte- cito, loam soil in grove at 500 to 600 feet, 22 Aug 1940, *Pennell & Peattie*

26463 (holotype: PH!; isotypes: F! GH! K! MO! NY! US!). = Santa Ynez race.

Cordylanthus compactus Pennell, Proc. Acad. Nat. Sci. Philadelphia 99: 195. 1947.- TYPE: U.S.A. California: Mariposa Co., 14 mi S of Yosemite Valley on road to Auberry, 5400 feet, 2 Aug 1940, *Pennell 26384* (holo-type: PH!; isotype: US!). = Sierra Nevada race.

Cordylanthus ferrisianus Pennell, Proc. Acad. Nat. Sci. Philadelphia 99: 193. 1947.- TYPE: U.S.A. California: Fresno Co., upper Paradise Valley, near junction of Woods Creek and S Fork Kings River, Kings Canyon National Park, 13 Aug 1941, *Alexander & Kellogg 2612* (holotype: PH!; isotypes: DS! GH! UC! WS!). = Kings Canyon race.

Plants 4-10 (-15) dm tall; herbage yellowish green often becoming reddish tinged, finely puberulent and usually spreading-hispid or hispidulose, glabrous with age. Flowers in dense capitate clusters of 5-15 single-flowered florescences, these 2-4 cm wide. Outer bracts 1-2 cm long, 3-parted up to 2/3 of their length; segments linear to oblong, often with apices dilated and truncate or slightly emarginate or tapering towards apex, densely to sparsely hirsute-hispid with an underlying puberulence, not glandular; setae of middle segment usually equalling or less the width of segment. Corolla 1.2-2 cm long. Figs. 3k, 10e, f, 16a-l.

Phenology. Flowering late July through September.

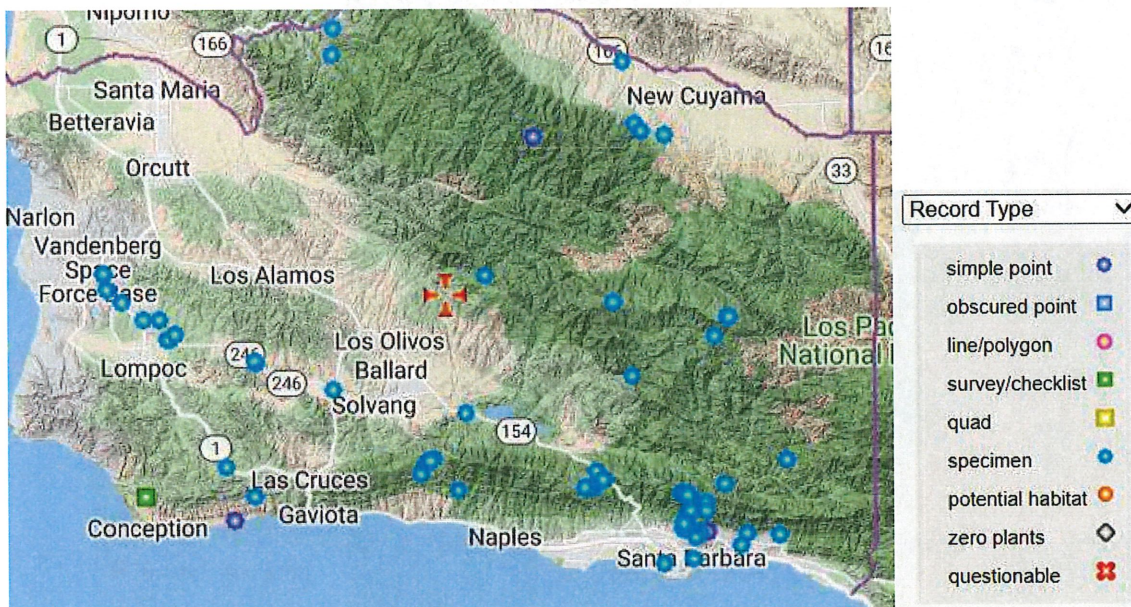
Distribution. (Fig. 17). Open slopes and flats of foothill woodlands, chaparral margins, and coniferous forests; South Coast Ranges from Alameda and San Mateo counties and Sierra Nevada from Tuolumne Co. southward to the Transverse Ranges of western Ventura Co.; 180-2280 m.

Cordylanthus rigidus subsp. *rigidus* is admittedly a heterogeneous subspecies. It comprises the remainder of a highly complex species from which the most distinctive and constant peripheral elements have been removed as separate subspecies. This residuum is still variable and complex and includes five taxa recognized by Pennell (1951) and Munz (1959). Our attempts to further subdivide the groups into practical taxonomic units were unsuccessful. We have chosen to treat the extremes of the remaining variants as genetic races and to apply geographic names that correspond with their range (Fig. 17, and below). These races are by no means uniform within their geographical area (as the symbols in Fig. 17 might indicate) **but intergrade with populations of any adjacent race or subspecies. This intergradation plus the inconstancy of the bract and indument features that distinguish the races render formal taxonomic recognition of the variants impractical and unwarranted.**

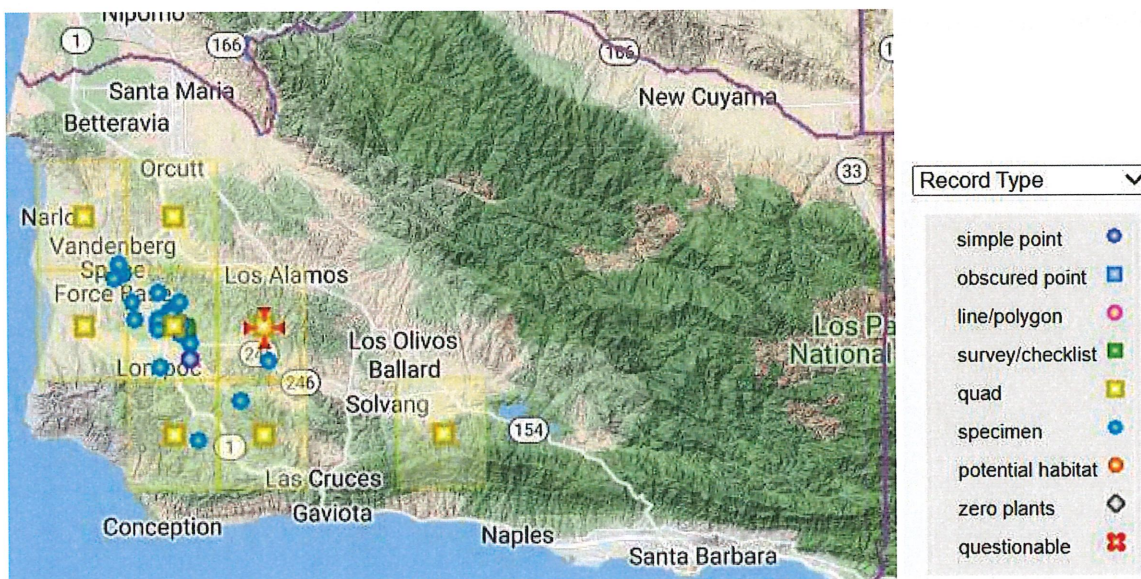
4 HERBARIUM AND OBSERVATION RECORDS IN VICINITY OF VVCSD WELL SITE

The following records illustrate herbarium collections and observation data from the vicinity of VVCSD’s well facilities. The description, collector’s information and a map showing the record detail excerpted from CalFlora follow the collection information. Maps for the rigid bird’s-beak and Seaside bird’s-beak are available on the CalFlora website. When on the selected subspecies website, select Santa Barbara County and zoom in north of Lompoc for details.

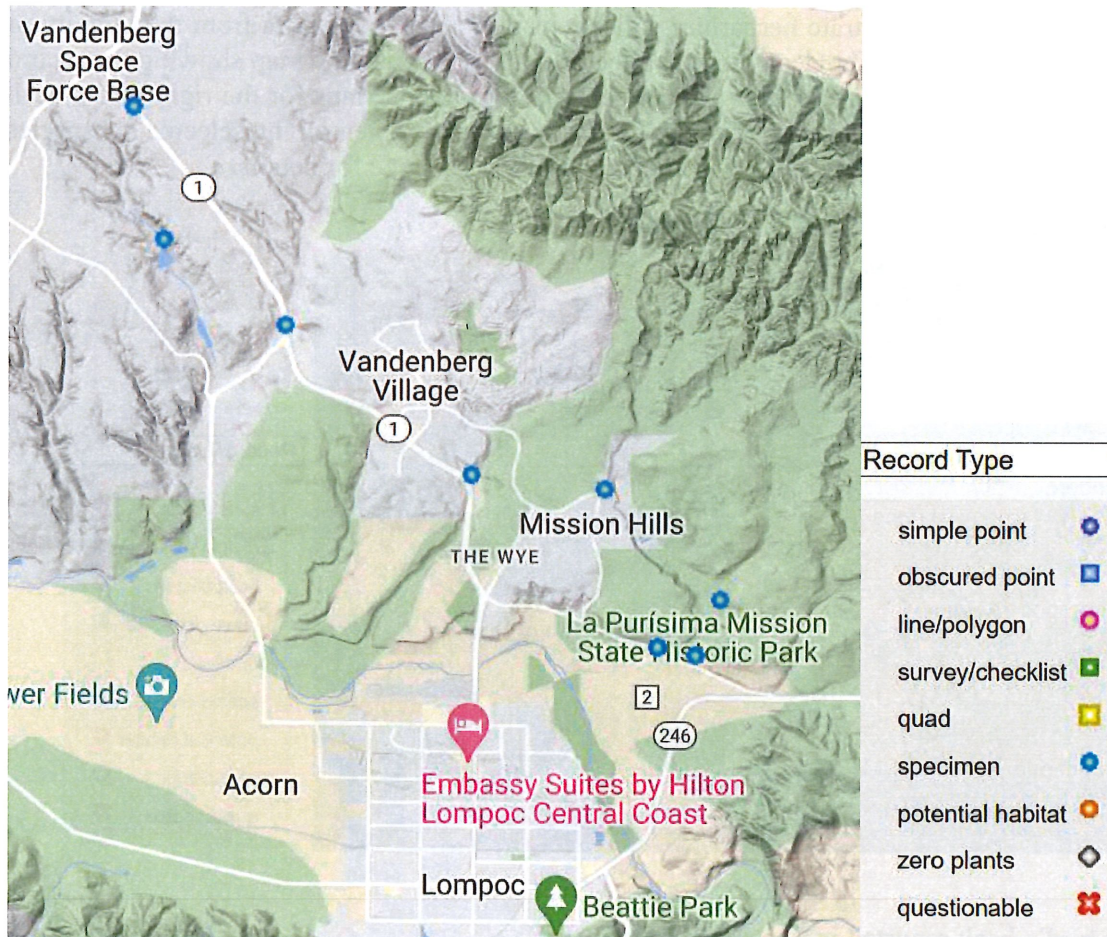
Rigid bird’s-beak reported in Santa Barbara County^{ix}:



Seaside bird’s-beak reported in Santa Barbara County^x:



4.1 Rigid Birds' Beak (*Cordylanthus rigidus* ssp. *rigidus*) in vicinity of VVCSD Well Site



All observations for subspecies *rigidus* are specimens. Excerpt from Calflora website.

4.1.1 Clifton Smith 1968 Near the Well Site



DAV - UC Davis Herbarium (DAV)

Catalog #: DAV397825
Occurrence ID: 8f5cb1b1-6661-449f-a610-31808ec6d91d
Accession #: DAV222959
Taxon: *Cordylanthus rigidus* subsp. *rigidus* (Benth.) Jeps.
Family: Orobanchaceae
 Show Determination History
Collector: Clifton F. Smith
Number: 10113
Date: 1968-07-30
Verbatim Date: 30 Jul 1968
Locality: United States, California, Santa Barbara, Santa Barbara County: Hwy 1 north of Lompoc and east of Vandenberg Village. 34.69508 -120.45864
Verbatim Coordinates: 34° 41m 42s N; 120° 27m 31s W
Elevation: 62 meters (203ft)
Notes: Colony along sandy roadside. | Access Database Number (Deprecated): UCD169831

Specimen Images

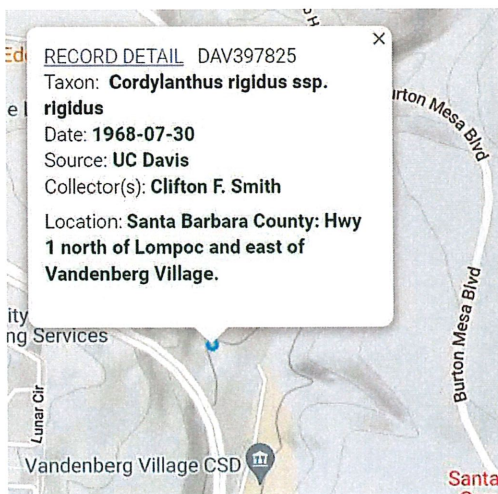


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)

Record ID: 8f5cb1b1-6661-449f-a610-31808ec6d91d

For additional information about this specimen, please contact: Teri Barry, Collections Manager (tcbarry@ucdavis.edu)



4.1.2 Diana Hickson 1968 at Mission Hills.



UCSB - University of California Santa Barbara Herbarium (UCSB)

Catalog #: UCSB008372
Occurrence ID: bb92bbbe-37fe-4758-b712-1fc5d8340b2b
Secondary Catalog #: 54350
Taxon: *Cordylanthus rigidus* subsp. *rigidus* (Benth.) Jeps.
Family: Orobanchaceae
Collector: Hickson, Diana
Number: 62
Date: 1986-08-26
Locality: United States, California, Santa Barbara, 3/4 mile SW of intersection of Rucker Rd. and Hwy 1, Lompoc, Burton Mesa 34.693144 -120.436392 +-2000m. WGS84
Habitat: Occasional with *Salvia mellifera* and *Ericameria ericoides* in fine brown sand on south-facing 8âi slope; previously disturbed (cultivated?) site
Preparations: Sheet - 1

Specimen Images

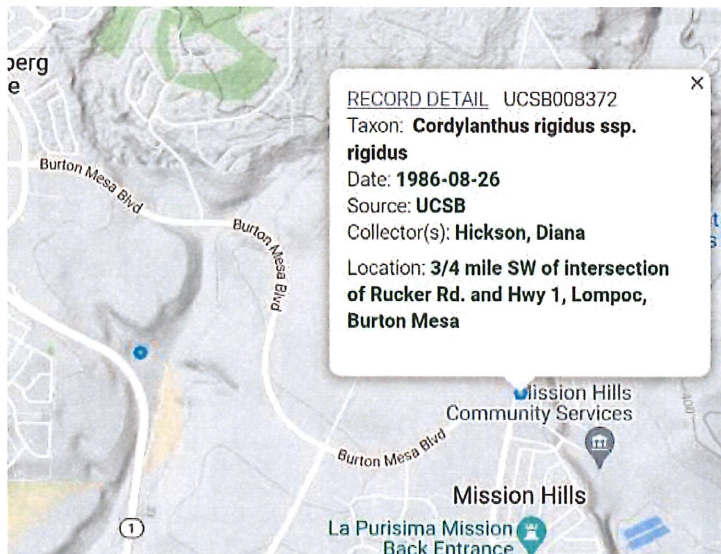


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Usage Rights: [CCO 1.0 \(Public-domain\)](#)

Record ID: d6fb5337-95f3-43d5-9edd-55945e72a6fc

For additional information about this specimen, please contact: Greg Wahlert (wahlert@ccber.ucsb.edu)



4.1.3 Clifton Smith 1962 Purisima Hills



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

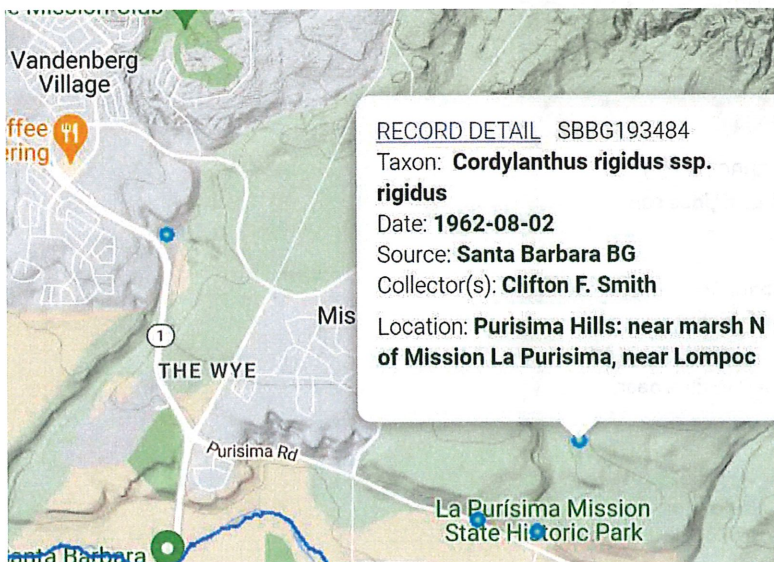
Catalog #: SBBG193484
Occurrence ID: ac93551b-7437-4ca6-8f1f-db1b845e59b0
SBBG_old: 85455
Taxon: *Cordylanthus rigidus* subsp. *rigidus* (Benth.) Jeps.
Family: Orobanchaceae
Determiner: L.Heckard 1987
Collector: Clifton F. Smith
Number: 8029
Date: 1962-08-02
Verbatim Date: 1962-8-2
Locality: United States, California, Santa Barbara, Purisima Hills: near marsh N of Mission La Purisima, near Lompoc 34.678 -120.417 +-500m. NAD83
Habitat: sandy soil, hillside
Reproductive Condition: Flowers Present

Specimen Images



[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)
Record ID: 14587cc3-b3de-4171-bd5f-a5a84bb5bc85



4.1.4 Clifton Smith 1965 West of the Mission La Purisima



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG193485
Occurrence ID: 17f49b3d-fa07-444a-b279-4b9626bc89fb
SBBG_old: 85971
Taxon: *Cordylanthus rigidus subsp. rigidus* (Benth.) Jeps.
Family: Orobanchaceae
Determiner: L.Heckard 1987
Collector: Clifton F. Smith
Number: 9055
Date: 1965-09-25
Verbatim Date: 1965-9-25
Locality: United States, California, Santa Barbara, Santa Ynez Valley: ca. 0.25 mi W of Mission La Purisima near Lompoc 34.6715 -120.4273 +-1000m. NAD27
Habitat: sandy soil along rd bank
Reproductive Condition: Flowers Present

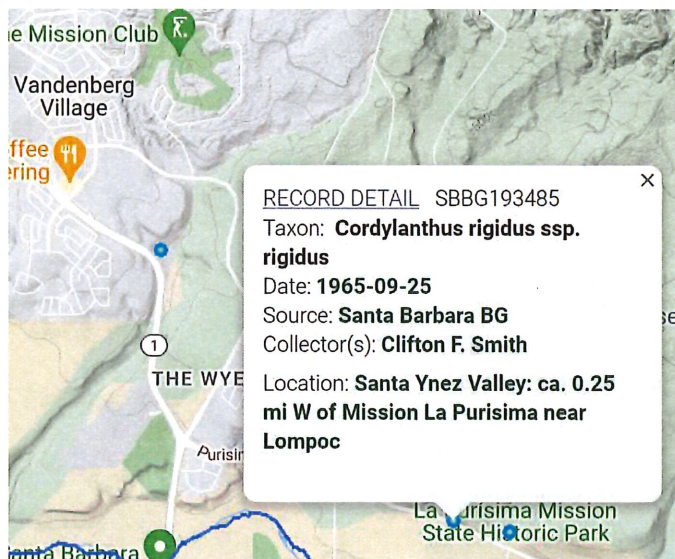
Specimen Images



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[Open Large Image](#)

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Record ID: da1e7fed-f1cc-4077-b2ea-32646504fd45



RECORD DETAIL SBBG193485
Taxon: **Cordylanthus rigidus ssp. rigidus**
Date: **1965-09-25**
Source: **Santa Barbara BG**
Collector(s): **Clifton F. Smith**
Location: **Santa Ynez Valley: ca. 0.25 mi W of Mission La Purisima near Lompoc**

4.1.5 Diana Hickson 1986 NW of La Purissima near Davis Creek



UCSB - University of California Santa Barbara Herbarium (UCSB)

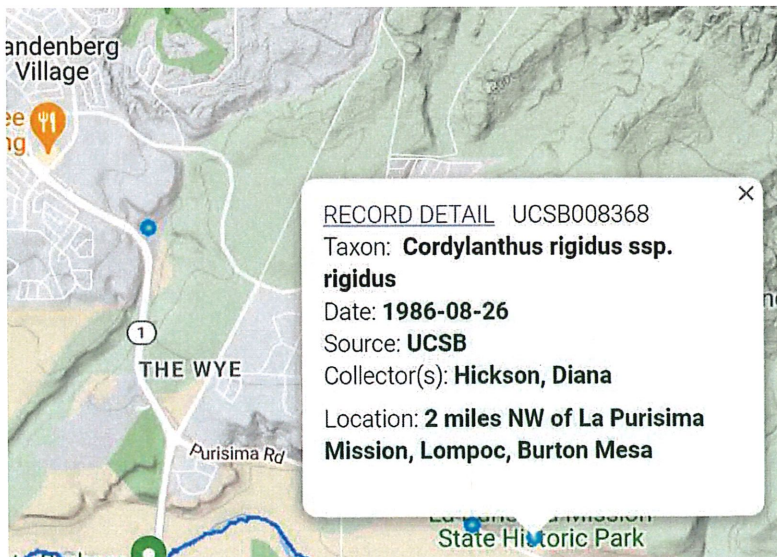
Catalog #: UCSB008368
Occurrence ID: 47970bb7-0590-4ee2-afef-b674884844b5
Secondary Catalog #: 54424
Taxon: *Cordylanthus rigidus* subsp. *rigidus* (Benth.) Jeps.
Family: Orobanchaceae
Collector: Hickson, Diana
Number: 64
Date: 1986-08-26
Locality: United States, California, Santa Barbara, 2 miles NW of La Purissima Mission, Lompoc, Burton Mesa 34.670508 -120.42126 +-5000m. WGS84
Habitat: Common with Haplopappus squarrosus and Vulpia spp. in previously cultivated field
Preparations: Sheet - 1

Specimen Images



[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: [CC0 1.0 \(Public-domain\)](#)
Record ID: e30b36f0-e859-4fda-ab68-1db15de0ff9a
 For additional information about this specimen, please contact: Greg Wahlert (wahlert@ccber.ucsb.edu)



4.1.6 Clifton Smith 1968 near Santa Lucia Canyon Road



SD - SD Herbarium, San Diego Natural History Museum (SD)

Occurrence ID: 7FB67350-CED8-429E-9D41-A1EA4C5134D1

Secondary Catalog #: SD125596

Taxon: *Cordylanthus rigidus* subsp. *rigidus*

Family: Orobanchaceae

Collector: Clifton F. Smith

Number: 10113

Date: 1968-07-30

Verbatim Date: 07/30/1968

Locality: United States, California, Santa Barbara, along sandy roadside of Highway 1 north of Lompoc and east of Vandenberg Village 34.7155 -120.4894 +-1000m. WGS84

Georeference Remarks: general point for area described

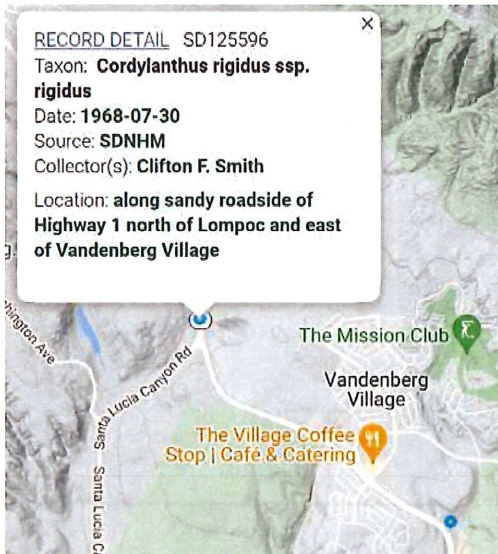
Elevation: meters **Verbatim Elevation:** unknownft.

Reproductive Condition: FL

Usage Rights: [CC BY-NC \(Attribution-Non-Commercial\)](#)

Record ID: e05b0e88-f1b1-4395-8b52-200844facd5f

For additional information about this specimen, please contact: Layla Aerne Hains (laerne@sdnhm.org)



4.1.7 David J. Keil 1995 East of Main Gate to VSFb on Hwy 1



OBI - Robert F. Hoover Herbarium, Cal Poly State University (OBI)

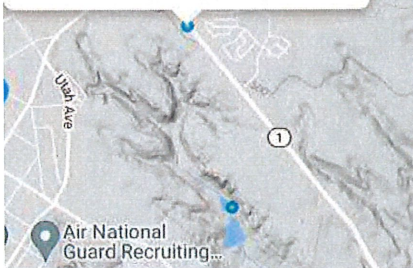
Catalog #: OBI103158
Occurrence ID: cf58f312-a564-4d1c-8b4a-2040585356cf
Secondary Catalog #: 67305
Taxon: *Cordylanthus rigidus* subsp. *rigidus* (Benth.) Jeps.
Family: Orobanchaceae
 Show Determination History
Collector: David J. Keil
Number: 25624
Date: 1995-07-25
Verbatim Date: 25-Jul-95
Additional Collectors: Lynne Dee Oyler
Locality: United States, California, Santa Barbara, Vandenberg AFB. North Base. 0.5 mi E from Main Gate along Vandenberg Rd (Calif hwy 1) 34.745 -120.515 +-1000m. NAD83
Georeference Remarks: georef from old CCH cumulative file
Habitat: Coastal scrub, Burton Mesa chaparral, coastal live oak woodland, riparian woodland and freshwater marsh; Loc common in coastal scrub
Description: Cor pale yellow

Specimen Images



[Open Medium Image](#)
[Open Large Image](#)

RECORD DETAIL OBI103158
 Taxon: **Cordylanthus rigidus** ssp. **rigidus**
 Date: **1995-07-25**
 Source: **Cal Poly**
 Collector(s): **David J. Keil**
 Location: **Vandenberg AFB. North Base. 0.5 mi E from Main Gate along Vandenberg Rd (Calif hwy 1)**



4.1.8 David Keil with V.L. Holland 1995 on VSFB, Lake Canyon Road.



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG193593
Occurrence ID: 2b4f3108-fda6-4022-9414-9aff8d2e9ca7
SBBG_old: 127342
Taxon: *Cordylanthus rigidus* subsp. *rigidus* (Benth.) Jeps.
Family: Orobanchaceae
Collector: David Keil w/ V. L. Holland
Number: 25736
Date: 1995-10-27
Verbatim Date: 1995-10-27
Locality: United States, California, Santa Barbara, Burton Mesa: Vandenberg Air Force Base; Lake Cyn Rd; Vandenberg Air Force Base 34.727 -120.5098 +-1200m. NAD83
Habitat: coast live oak woodland; coastal scrub area in riparian zone
Reproductive Condition: Flowers Present
Notes: locally common

Specimen Images

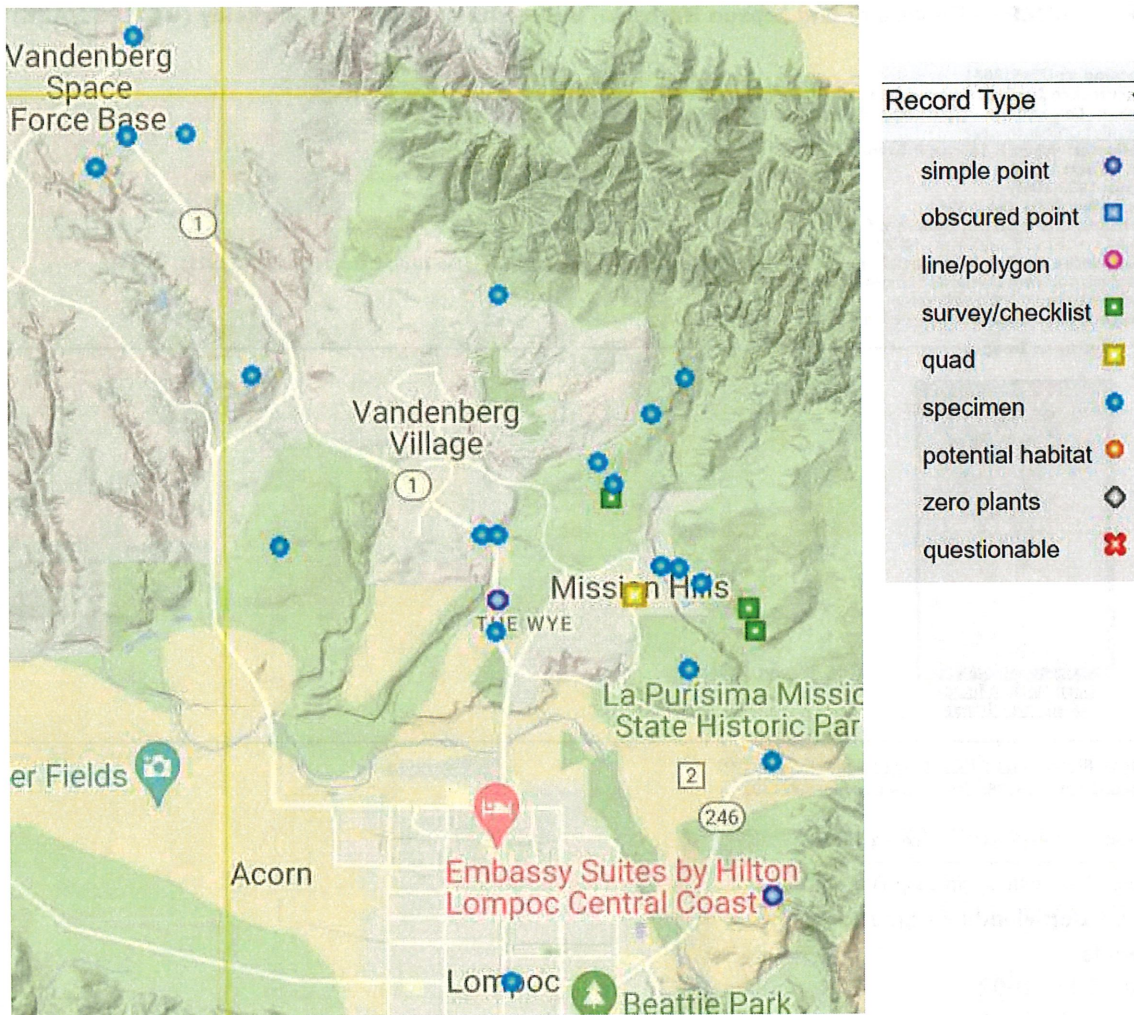


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)
Record ID: 08e3f373-8f90-4d48-a4a3-c0dbcdeb5bcd

RECORD DETAIL SBBG193593
 Taxon: **Cordylanthus rigidus** ssp. **rigidus**
 Date: 1995-10-27
 Source: **Santa Barbara BG**
 Collector(s): **David Keil w/ V. L. Holland**
 Location: **Burton Mesa: Vandenberg Air Force Base; Lake Cyn Rd; Vandenberg Air Force Base**

4.2 Seaside Bird's-beak (*Cordylanthus rigidus* ssp. *littoralis*) in vicinity of VVCS Well Site



Observations for subspecies *littoralis* include specimens, survey checklists, observation point, and reference to a quad location. Excerpt from Calflora website.

4.2.1 Robert F. Thorne and P. Everett 1962 3.7 north of Lompoc on road to Casmalia



UCJEPS - University and Jepson Herbaria, University of California, Berkeley (UCJEPS:VASC)

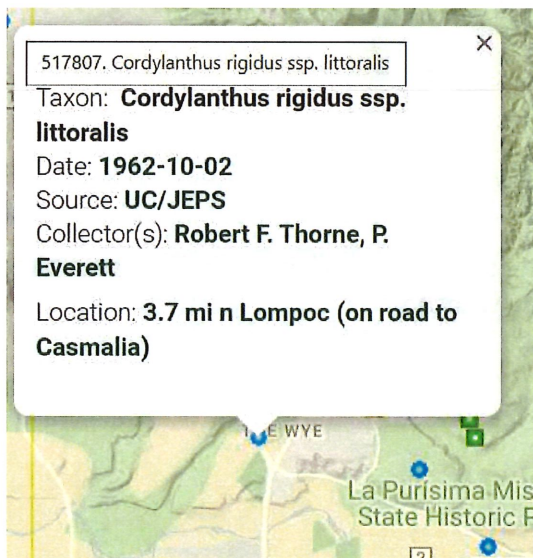
Catalog #: UC1518661
Occurrence ID: 750cc133-9ab2-419d-8699-92fd8dd5b25d
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T. I. Chuang & Heckard
Family: Orobanchaceae
Collector: Robert F. Thorne, P. Everett
Number: 31380
Date: 1962-10-02
Verbatim Date: Oct 2 1962
Locality: United States, California, Santa Barbara, 3.7 mi n Lompoc (on road to Casmalia)
34.683 -120.459 +-2500m. NAD83
Georeference Remarks: georef from 2006-2015 archive backup file; Tue Apr 1 12:45:55 2014; (copied from RSA191921)
Habitat: southern chaparral live-oak woodland
Description: fls. yellowish-green
Reproductive Condition: Flowering/Fruiting

Specimen Images



[Open Medium Image](#)
[Open Large Image](#)

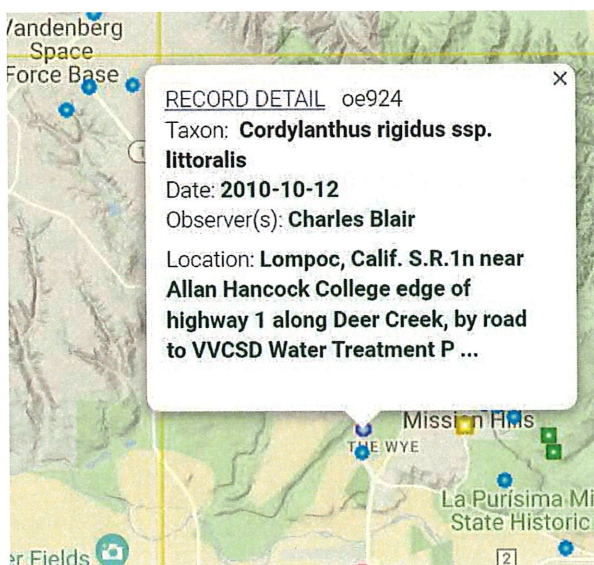
Usage Rights: CC BY-NC (Attribution-Non-Commercial)
Record ID: e515106c-6f61-42ff-8e3a-f6e1d8f71402



4.2.2 Charles Blair 2010 Reported Observation from Deer Creek by road south of VVCS D Water Treatment Plant (This was NOT a specimen collection, but a visual observation report.)

Viewing oe924 entered 2010-10-15 by Charles Blair

Group Independent	Project Simple data collection
Access by others published	HISTORY > none
NEW RECORD	
Shape > none	Point Location > ●
SIMPLE DATA COLLECTION	
Scientific Name * Cordylanthus rigidus ssp. littoralis	Common Name Seaside bird's beak
Observer * Charles Blair	Observation Date * 2010-10-12
Notes Good condition	
Location Description Lompoc, Calif. S.R. 1n near Allan Hancock College edge of highway 1 along Deer Creek, by road to VVCS D Water Treatment Plant	
Number of Plants 1	
Photos: none	
ID from PlantNet >	
Management Status	Natural Status WILD
Region	Survey ID
Ownership Other / Unknown	Plant Identification recognized from prior determination
Elevation 74 meters	Location Accuracy error radius (meters) square meters
Gross Area	Herbarium, if specimen
Source Organization Charles Blair	Documentation reported



4.2.3 Clifton Smith 1968 Near Davis Creek and Highway 1



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG200411
Occurrence ID: e19ab0c5-4857-47cf-9210-638533f22196
SBBG_old: 87002
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Collector: Clifton F. Smith
Number: 10113
Date: 1968-07-30
Verbatim Date: 1968-7-30
Locality: United States, California, Santa Barbara, Hwy 1 north of Lompoc and east of Vandenberg Village 34.6951 -120.4608 +-1500m. WGS84
Elevation: 62 meters (203ft)
Habitat: Sandy roadside
Reproductive Condition: Flowering
Notes: Colony

Specimen Images

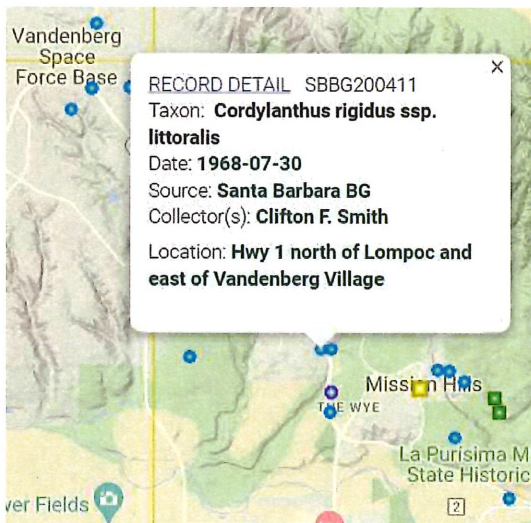


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: [CC BY-NC \(Attribution-Non-Commercial\)](#)

Record ID: e19ab0c5-4857-47cf-9210-638533f22196

For additional information about this specimen, please contact: C. Matt Guilliams (mguilliams@sbbg.org)



4.2.4 Clifton Smith 1968 near Davis Creek, north of Highway 1



UCR - University of California, Riverside Herbarium - Vascular Plants (UCR)

Catalog #: UCR0052616
Occurrence ID: UCR-BPS-58969
Secondary Catalog #: UCR-58969
Taxon: *Cordylanthus rigidus subsp. littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Determiner: Mark A. Elvin (2013)
Collector: Clifton F. Smith
Number: 10113
Date: 1968-07-30
Verbatim Date: 1968-7-30
Locality: United States, California, Santa Barbara, Hwy 1 north of Lompoc and east of Vandenberg Village
 34.69508 -120.45864
Elevation: 62 meters (203ft)
Habitat: Sandy roadside
Reproductive Condition: Flowering
Notes: Colony

Specimen Images

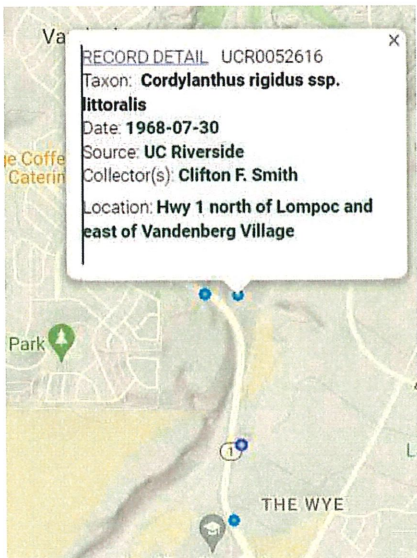


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)

Record ID: ae5113bc-c095-45df-89f3-c21ace30ac7c

For additional information about this specimen, please contact: Andrew Sanders, Curator (Andrew.Sanders@ucr.edu)
 See an error? [Log In](#) to edit data



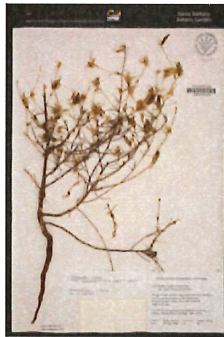
4.2.5 Dennis Odion 1986 Burton Mesa, 0.75 mi SW of Rucker Road and Hwy 1.



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG193589
Occurrence ID: fa2121d9-6769-4896-9618-60d48c3b5d75
SBBG_old: 83271
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Collector: D. Odion
Number: 63
Date: 1986-08-26
Verbatim Date: 1986-8-26
Locality: United States, California, Santa Barbara, Burton Mesa: 0.75 mi SW of intersection of Rucker Rd and Hwy 1, Lompoc 34.704 -120.443 +-1000m. NAD83
Elevation: meters **Verbatim Elevation:** 425 [ft]
Habitat: fine brown sand; S-facing, 8 deg slope
Associated Taxa: *Salvia mellifera*, *Ericameria ericoides*
Description: ann, cor whitish
Reproductive Condition: Flowers Present
Notes: occasional

Specimen Images

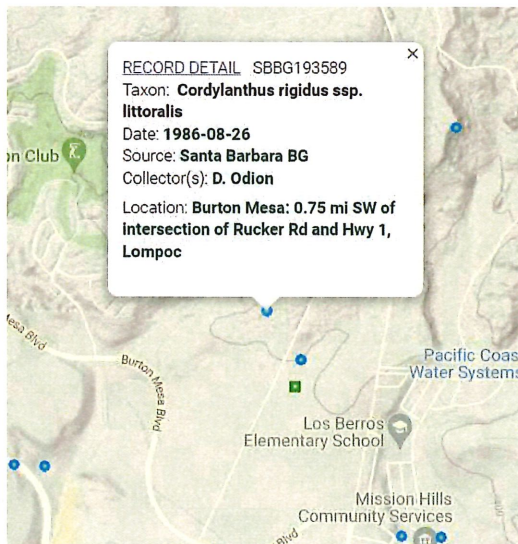


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)

Record ID: 673222b5-587b-4326-a1de-f6324cb36a01

For additional information about this specimen, please contact: C. Matt Guilliams (mguilliams@sbbg.org)



4.2.6 E.R. Chandler 1968 Burton Mesa, SW of Burton Mesa Road and Club House Road East of Vandenberg Village



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG193587
Occurrence ID: 4a511b23-24e1-4cc5-9404-4ddd23a01bdb
SBBG_old: 30101
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Collector: E. R. Chandler
Number: 3767
Date: 1968-05-28
Verbatim Date: 1968-5-28
Locality: United States, California, Santa Barbara, Burton Mesa: SW of Burton Mesa Rd and Club House Rd, ca. 1 mi E of Vandenberg Village 34.7012 -120.4406 +-1000m. NAD83
Habitat: sandy slope
Reproductive Condition: Flowers Present

Specimen Images

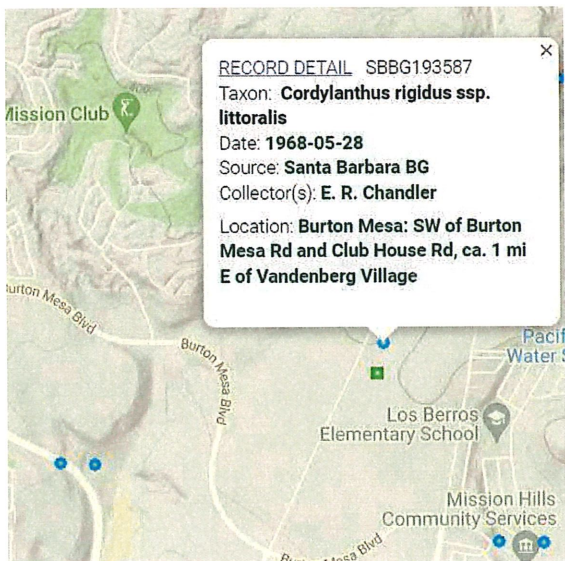


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)

Record ID: 7f560845-f4cf-4085-b2bb-aa0ef2dd0a48

For additional information about this specimen, please contact: C. Matt Guilliams (mguilliams@sbbg.org)



4.2.7 Clifton Smith 1970 Purisima Hills, Mission Hills



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG193587
Occurrence ID: 4a511b23-24e1-4cc5-9404-4ddd23a01bdb
SBBG_old: 30101
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Collector: E. R. Chandler
Number: 3767
Date: 1968-05-28
Verbatim Date: 1968-5-28
Locality: United States, California, Santa Barbara, Burton Mesa: SW of Burton Mesa Rd and Club House Rd, ca. 1 mi E of Vandenberg Village 34.7012 -120.4406 +-1000m. NAD83
Habitat: sandy slope
Reproductive Condition: Flowers Present

Specimen Images

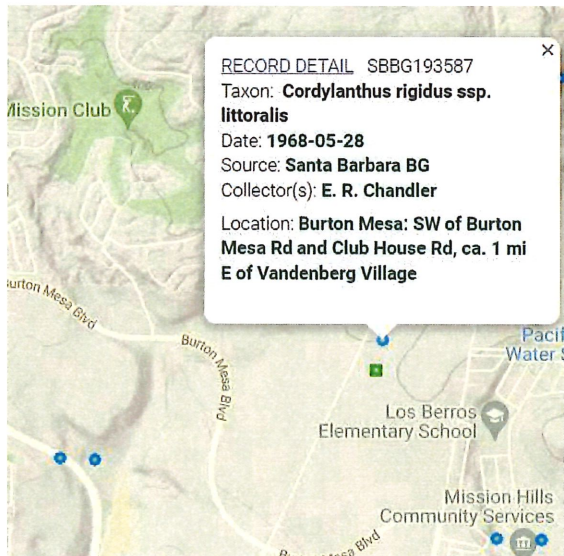


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)

Record ID: 7f560845-f4cf-4085-b2bb-aa0ef2dd0a48

For additional information about this specimen, please contact: C. Matt Guilliams (mguilliams@sbbg.org)



4.2.8 Lawrence Heckard 1971 End of Burton Mesa Road north of Purisima Mission



UCR - University of California, Riverside Herbarium - Vascular Plants (UCR)

Catalog #: UCR0052618
Occurrence ID: UCR-BPS-71518
Secondary Catalog #: UCR-71518
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Determiner: T.I. Chuang, L.R. Heckard (1990)
Collector: Lawrence R. Heckard
Number: 2835
Date: 1971-09-28
Verbatim Date: 1971-9-28
Locality: United States, California, Santa Barbara, NE of Lompoc, at end of Burton Mesa Road, c. 1 mi north of Purisima Mission, 34.69094 -120.43067
Elevation: 82 meters (269ft)
Habitat: Sandy slopes in openings among *Artemisia californica*, *Baccharis consanguinea*, *Quercus agrifolia*.
Reproductive Condition: Flowering
Notes: Heads pale yellowish green. Plants mostly wide-spreading, up to 5 ft. tall.

Specimen Images



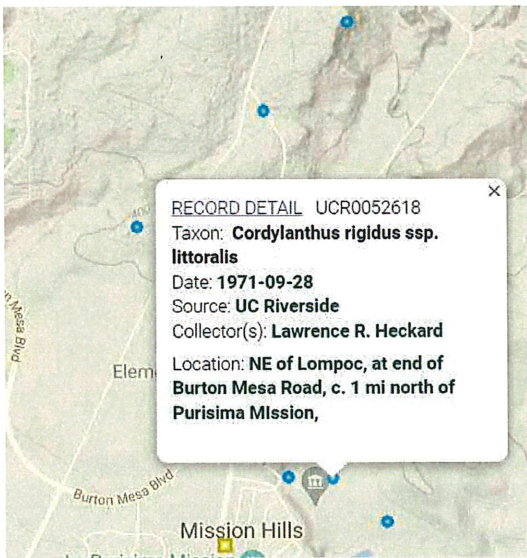
[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)

Record ID: df83cc0a-622d-41d9-9997-f4f553f6923e

For additional information about this specimen, please contact: Andrew Sanders, Curator (Andrew.Sanders@ucr.edu)

See an error? [Log In](#) to edit data



RECORD DETAIL UCR0052618
 Taxon: *Cordylanthus rigidus* ssp. **littoralis**
 Date: 1971-09-28
 Source: UC Riverside
 Collector(s): Lawrence R. Heckard
 Location: NE of Lompoc, at end of Burton Mesa Road, c. 1 mi north of Purisima Mission,

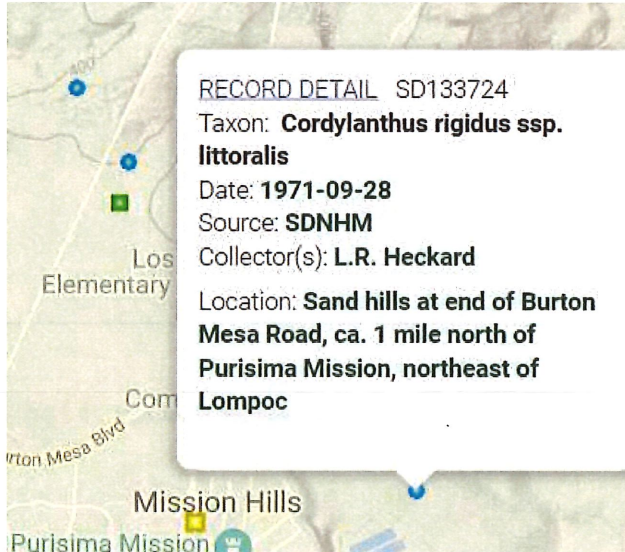
4.2.9 Lawrence Heckard 1971 Sand hills at end of Burton Mesa Road, 1 mile north of Purisima Mission



SD - SD Herbarium, San Diego Natural History Museum (SD)

Occurrence ID: DEDAD37D-6099-4630-B0B3-C60D4551D374
Secondary Catalog #: SD133724
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Determiner: T.I. Chuang & L.R. Heckard 1990
Collector: L.R. Heckard
Number: 2835
Date: 1971-09-28
Verbatim Date: 09/28/1971
Locality: United States, California, Santa Barbara, Sand hills at end of Burton Mesa Road, ca. 1 mile north of Purisima Mission, northeast of Lompoc 34.6887 -120.4272 +-200m. WGS84
Georeference Remarks: point at described locale
Elevation: meters **Verbatim Elevation:** unknownft.
Habitat: sandy slopes
Associated Taxa: *Artemisia californica*, *Baccharis consanguinea*, *Quercus agrifolia*
Description: heads pale yellowish-green, up to 5 ft tall
Reproductive Condition: FFL
Usage Rights: CC BY-NC (Attribution-Non-Commercial)
Record ID: 77b9ecf1-3a77-4bb7-a99b-50febe5f4421

For additional information about this specimen, please contact: Layla Aerne Halns (laerne@sdnhm.org)



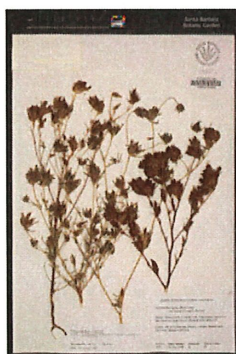
4.2.10 Dennis Odion 1986 2 miles NW of La Purisima Mission



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG193590
Occurrence ID: b20be97f-70ab-484b-a102-2141fe91fa5f
SBBG_old: 83272
Taxon: *Cordylanthus rigidus* subsp. *littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Collector: D. Odion
Number: 67
Date: 1986-08-26
Verbatim Date: 1986-8-26
Locality: United States, California, Santa Barbara, Burton Mesa: 2 mi NW of La Purisima Mission, Lompoc 34.71 -120.435 +-1000m. NAD27
Elevation: meters **Verbatim Elevation:** 560 [ft]
Habitat: previously cultivated sandy soil, field
Associated Taxa: *Haplopappus squarrosus*, *Vulpia*
Description: ann, white cor
Reproductive Condition: Flowers Present
Notes: common

Specimen Images

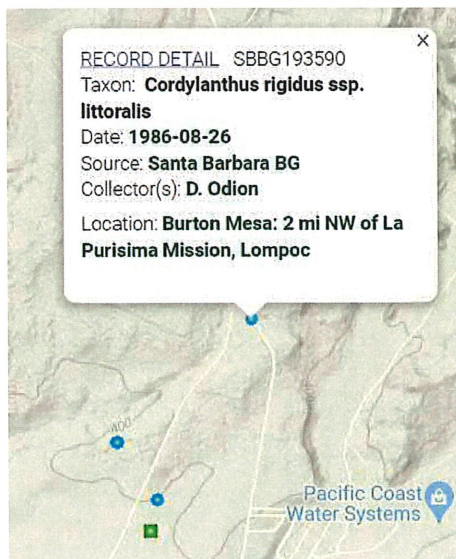


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: CC BY-NC (Attribution-Non-Commercial)

Record ID: 24b96f50-9d5a-408e-b3cb-2c688a88b6ea

For additional information about this specimen, please contact: C. Matt Guilliams (mguilliams@sbbg.org)



RECORD DETAIL SBBG193590
 Taxon: **Cordylanthus rigidus** ssp.
littoralis
 Date: **1986-08-26**
 Source: **Santa Barbara BG**
 Collector(s): **D. Odion**
 Location: **Burton Mesa: 2 mi NW of La Purisima Mission, Lompoc**

4.2.11 Clifton F. Smith 1960 Hwy 150 west of Mission La Purisima



SBBG - Clifton Smith Herbarium, Santa Barbara Botanic Garden (SBBG)

Catalog #: SBBG193585
Occurrence ID: 44a2189e-f692-4560-be79-961654396d65
SBBG_old: 85467
Taxon: *Cordylanthus rigidus subsp. littoralis* (Ferris) T.I. Chuang & Heckard
Family: Orobanchaceae
Collector: Clifton F. Smith
Number: 6279
Date: 1960-07-07
Verbatim Date: 1960-7-7
Locality: United States, California, Santa Barbara, Santa Ynez Valley: St Hwy 150 W of Mission La Purisima near Lompoc 34.7146 -120.4296 +-1500m. NAD27
Habitat: sandy hillside
Reproductive Condition: Flowers Present

Specimen Images

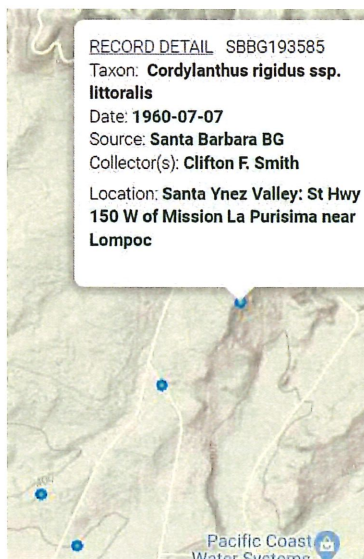


[Open Medium Image](#)
[Open Large Image](#)

Usage Rights: [CC BY-NC \(Attribution-Non-Commercial\)](#)

Record ID: 81ab7f6b-9ec7-42a3-9e16-0346015da574

For additional information about this specimen, please contact: C. Matt Guilliams (mguilliams@sbbg.org)



5 STATUS OF SEASIDE BIRD'S-BEAK

Excerpt from California Department of Fish and Game 1999 update^{xi}.

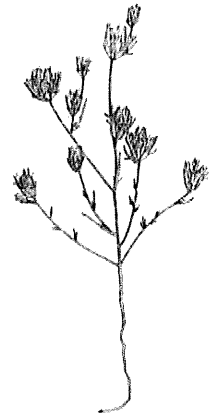
**The status in 1999 of palmate-bracted bird's-beak:
Declining.**

Stable to

Seaside bird's-beak
(*Cordylanthus rigidus*ssp. *littoralis*)

CA - E (1982)
FED - None

General Habitat: Closed-cone Conifer Forest
Central Coast Maritime Chaparral
Cismontane Woodland



Seaside bird's-beak

Seaside bird's-beak is a bushy annual herb in the figwort family (Scrophulariaceae). The yellowish green branches and leaves are covered with fine hairs, and its pale yellow flowers are clustered at the ends of branches. Seaside bird's-beak grows in sandy soils of stabilized dunes covered by closed-cone pine forest, cismontane woodland, or maritime chaparral. Plants thrive in areas of recent surface soil disturbance or in areas with reduced levels of competition from shrubs and

herbaceous plants. The historic distribution of this bird's-beak was, until recently, thought to be restricted to northern Monterey County; the recent base closure of Fort Ord resulted in the protection of several of these populations. However, in the early 1980s, several collections from Burton Mesa in Santa Barbara County were identified as this subspecies. About 10 sites are known at present on publicly and privately owned lands and on Vandenberg Air Force Base. At some of the Santa Barbara County sites, subspecies *littoralis* hybridizes with subspecies *rigidus*, with the latter also native to this area. In 1997, a new population was identified on Vandenberg AFB.

In Santa Barbara County, populations of seaside bird's-beak are located on land managed and conserved by DPR at the La Purissima Mission State Park. Several populations of this species are also protected on the 5,125-acre Burton Mesa Management Area which was acquired by the State Lands Commission and surrounds the small community of Vandenberg Village. There is currently little information on the status of these populations. Prescribed burning, wildfires, vegetation fuel break construction, invasive species, and recreational activities on protected lands may pose a threat to the rare Burton Mesa chaparral plant community and populations of seaside bird's-beak found there. High fire frequency and out-of-season burning may adversely affect the species. Fires, ground disturbing activities and recreational use contribute to the spread of invasive species like pampas grass, iceplant, and veldt grass, which are capable of overtaking bird's-beak habitat. Additional data on the status of populations and threats is needed to better understand long-term trends and guide management.

The status in 1999 of seaside bird's-beak: Stable.

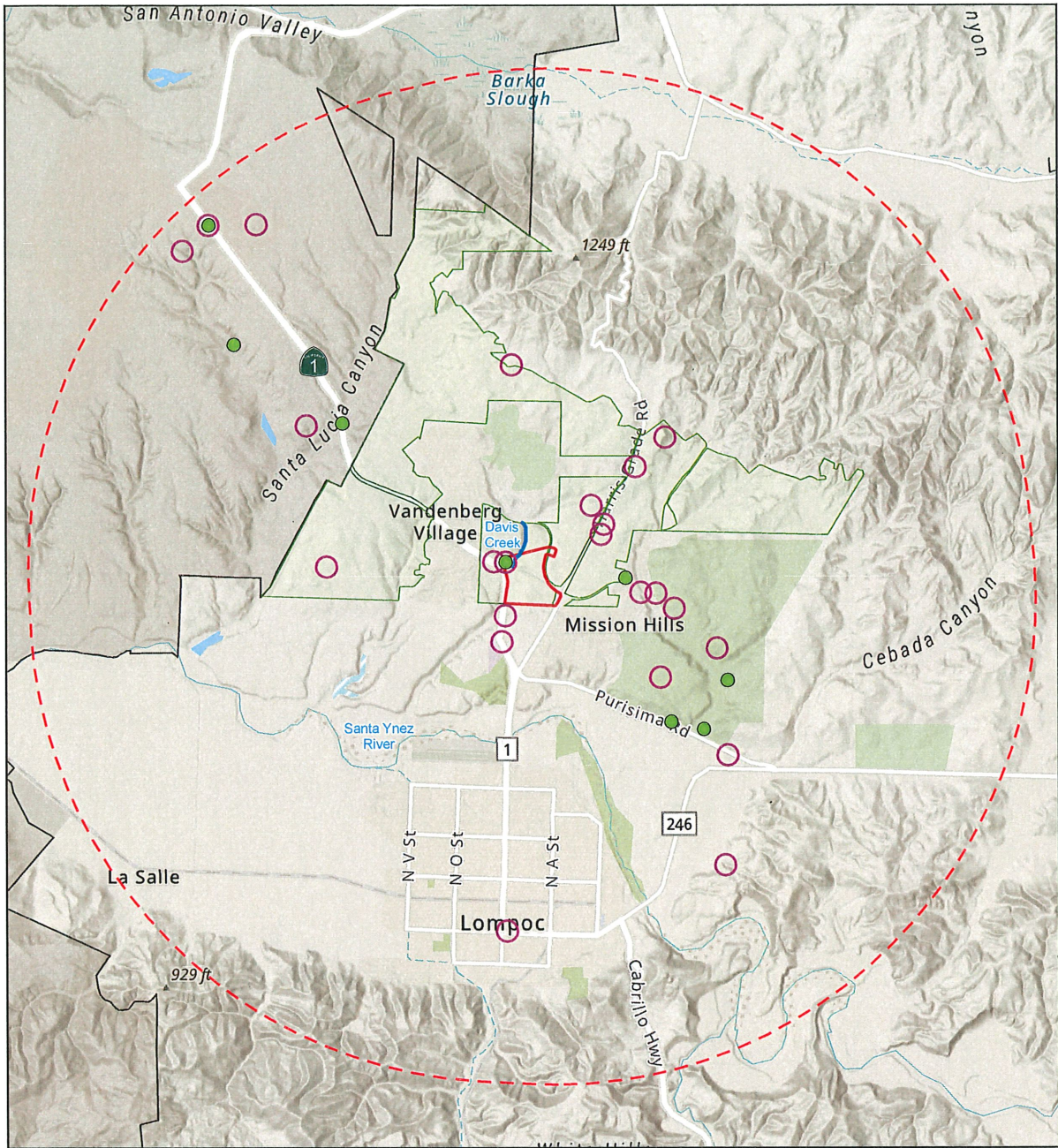
6 PREPARER

This report was prepared by LynneDee Althouse, Certified Consulting Botanist.

7 ENDNOTES – REFERENCE REPORTS AND URLS TO REFERENCES AND PHOTOS

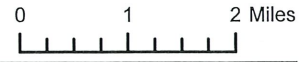
- ⁱ https://nrm.dfg.ca.gov/FileHandler.ashx%3FDocumentID%3D84004&sa=U&ved=2ahUKEwi4mPj8zbWDAxVIHEQIHbj_Bqo4ChAWegQIAxAB&usg=AOvVaw3m0aTIP6bAf7KKcIlwBbuW
- ⁱⁱ Chuang, Tsan-Iang; Heckard, Lawrence R. 1976. "Morphology, Evolution, and Taxonomic Significance of the Inflorescence in *Cordylanthus* (Scrophulariaceae)". *American Journal of Botany*. 63 (3): 272–282. doi:10.2307/2441571. Retrieved 12 November 2020.
- ⁱⁱⁱ https://calphotos.berkeley.edu/cgi/img_query?enlarge=0000+0000+0109+1194
- ^{iv} https://www.calflora.org/entry/occdetail.html?seq_num=io55659
- ^v https://www.calflora.org/entry/occdetail.html?seq_num=mg173770
- ^{vi} https://www.calflora.org/entry/occdetail.html?seq_num=io67897
- ^{vii} <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=67865&inline>
- ^{viii} Chuang, T.I. and Heckard, L.R., 1986. Systematics and evolution of *Cordylanthus* (Scrophulariaceae-Pediculariaceae)(Including the taxonomy of subgenus *Cordylanthus*). *Systematic Botany Monographs*, pp.1-105.
- ^{ix} <https://www.calflora.org/entry/observ.html?track=m#srch=t&lpcli=t&taxon=Cordylanthus+rigidus+ssp.+rigidus&chk=t&cch=t&cnabh=t&inat=r&cc=SBA>
- ^x <https://www.calflora.org/entry/observ.html?track=m#srch=t&taxon=Cordylanthus+rigidus+ssp.+littoralis&cols=b&lpcli=t&cc=SBA&chk=t&cch=t&cnabh=t&inat=r>
- ^{xi} <https://wildlife.ca.gov/Search-Results?q=cordylanthus+rigidus+ssp.+littoralis#gsc.tab=0&gsc.q=cordylanthus%20rigidus%20ssp.%20littoralis#gsc.page=2>

Figure 1. Calflora Observation Records for *Cordylanthus rigidus*



Legend

- Study Area (166.2 acres)
- 5-Mile Buffer
- Vandenberg Space Force Base (VSFB)
- Burton Mesa Ecological Reserve (BMER)
- *Cordylanthus rigidus* ssp. *littoralis*
- *Cordylanthus rigidus* ssp. *rigidus*



Vandenberg Village Community Services District
 Map Center: 120.45368°W 34.69301°N
 Santa Barbara County

Calflora Observation Last Updated: Dec 2023

U.S. Drought Monitor California

January 2, 2024
(Released Thursday, Jan. 4, 2024)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	96.65	3.35	0.00	0.00	0.00	0.00
Last Week <i>12-26-2023</i>	96.65	3.35	0.00	0.00	0.00	0.00
3 Months Ago <i>10-03-2023</i>	94.01	5.99	0.07	0.00	0.00	0.00
Start of Calendar Year <i>01-02-2024</i>	96.65	3.35	0.00	0.00	0.00	0.00
Start of Water Year <i>09-26-2023</i>	94.01	5.99	0.07	0.00	0.00	0.00
One Year Ago <i>01-03-2023</i>	0.00	100.00	97.93	71.14	27.10	0.00

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:

Lindsay Johnson
National Drought Mitigation Center



droughtmonitor.unl.edu



County of Santa

Barbara

Planning and
Development

Lisa Plowman, Director

Jeff Wilson, Assistant Director

Elise Dale, Assistant Director

PL

Published December 20, 2023

**NOTICE OF AVAILABILITY OF AND PUBLIC HEARINGS ON THE
DRAFT PROGRAM ENVIRONMENTAL IMPACT REPORT FOR THE
COUNTY OF SANTA BARBARA 2023-2031 HOUSING ELEMENT UPDATE**
(Case No. 23EIR-00000-00004)

PROJECT DESCRIPTION: The County of Santa Barbara proposes to implement the 2023-2031 Housing Element Update (Case No. 23EIR-00004, SCH No. 2022070490). The Draft Program Environmental Impact Report (EIR) analyzes the potential impacts associated with the implementation of the Housing Element Update's goals, policies, and programs, including the potential rezone program.

The Housing Element Update is a mandatory component of the County's Comprehensive Plan (i.e., general plan). It assesses current and projected housing needs in the unincorporated areas of Santa Barbara County and provides an inventory of sites available for residential development. State housing element law, Government Code Sections 65580-65589.11, requires that the County update its Housing Element every eight years. In February 2023, the County's previous 8-year housing cycle (2015-2023) concluded. As a result, the County's Housing Element Update subject to this Program EIR pertains to the 6th Cycle 2023-2031 housing planning period.

State housing element law requires that cities and counties have adequate sites available to accommodate their share of the Regional Housing Needs Allocation (RHNA) for all income levels. The County's 6th Cycle RHNA totals 5,664 units. The County's sites inventory shows that it lacks sufficient capacity to accommodate its lower and moderate-income RHNA in the South Coast and its lower-income RHNA in the North County. Program 1 in Housing Element Update requires that the County accommodate the shortfall of lower- and moderate-income units plus a 15 percent buffer for these units through a combination of rezones and housing development on County-owned sites. The County identified 36 potential sites that could be rezoned and nine County-owned sites that could be selected for new housing. These sites combined identify more sites than necessary to accommodate the County's 6th Cycle RHNA plus the 15 percent buffer. The Board of Supervisors will select a sufficient number of sites to match the RHNA plus the 15 percent buffer.

PROJECT LOCATION: The Project area includes the unincorporated areas of Santa Barbara County and potential County-owned properties located within the City of Santa Barbara.

PUBLIC HEARING AND COMMENT: The County Planning and Development Department (P&D) is soliciting comments on the adequacy and completeness of the analysis and the proposed mitigation measures described in the Draft Program EIR for the County of Santa Barbara 2023-2031 Housing Element Update. You may comment by providing testimony at the public hearings (in-person or virtually) on Wednesday, January 17, 2024, in the North County at the County of Santa Barbara P&D

conference room, 624 W Foster Rd. Santa Maria at 5:30 p.m. or the following link <https://countyofsb.zoom.us/j/89388719528>, or Tuesday, January 23, 2024, in the South Coast at the Planning Commission Hearing Room (first floor), 105 E. Anapamu St., Santa Barbara at 5:30 p.m. or the following link <https://countyofsb.zoom.us/j/84952104859>. You may also visit <https://www.countyofsb.org/3177/Housing-Element-Update> where the above links to participate virtually in the public hearings are provided as well as call-in details. Additionally, you may also submit written comments to the project planner identified below before the close of the public comment period on February 9, 2024, at 5:00 p.m.

PROJECT DETAILS: The Housing Element Update is designed to ensure that the County appropriately plans for and accommodates sufficient housing across all income levels and special needs groups within the unincorporated areas. The Housing Element Update sets forth goals and policies to address the preservation, improvement, and development of housing. In addition, it includes a schedule of actions the County is undertaking or intends to undertake to achieve these goals and policies. The Housing Element Update also identifies potential rezone and potential County-owned sites for future residential development to ensure the availability of residential sites at adequate densities in the unincorporated areas to accommodate its share of the 6th Cycle RHNA.

ENVIRONMENTAL REVIEW FINDINGS: P&D prepared the Draft Program EIR pursuant to requirements of the State Guidelines for the Implementation of the California Environmental Quality Act (CEQA) and the County of Santa Barbara Environmental Thresholds and Guidelines Manual. The Draft Program EIR prepared for the project identifies and discusses potential impacts, mitigation measures, residual impacts, and monitoring requirements for identified subject areas. **Significant and unavoidable** effects on the environment identified in the Draft Program EIR include aesthetics and visual resources, agricultural resources, air quality, biological resources, hydrology and water quality, land use and planning, population and housing, public services and recreation, transportation, utilities and water supply, and wildfire.

DOCUMENT AVAILABILITY: The Draft Program EIR and all documents incorporated by reference are available on the P&D websites in English:

<https://www.countyofsb.org/3177/Housing-Element-Update>

<https://www.countyofsb.org/3713/Housing-Element-Update---Spanish>

The Draft Program EIR is also available for review at the Santa Barbara Public Library, 40 E. Anapamu Street, Santa Barbara, and the Santa Maria Public Library, 421 S. McClelland St., Santa Maria.

HOW TO COMMENT: Please provide comments to the project planner, Hannah Thomas at 123 E. Anapamu Street, Santa Barbara, CA 93101, (805) 568-3577, or housingelement@countyofsb.org prior to the close of the public comment on February 9, 2024 at 5:00 p.m. or provide testimony at the public hearings on the dates and times specified above. Please limit comments to issues pertaining to the environmental impact analysis. Future notice will be provided for dates of future public hearings to consider project approval or denial.

Vandenberg Village Community Services District
 Budget Calendar
 Fiscal Year 2024-2025

2/7/24 10:00 a.m. <i>(tentative)</i>	<u>Legal/Personnel Committee</u> meet to discuss employee salaries and benefits
3/1/24	Regular board meeting agenda published
3/5/24 7:00 p.m.	<u>Board</u> considers employee salaries and benefits and General Manager goals in closed session.
3/8/24	Last date to submit items for the operating and capital budgets.
3/13/24 10:00 a.m.	General Manager, Operations & Maintenance Manager, and Finance Administrator meet to discuss revisions to operating and capital budgets.
3/19/24 10:00 a.m. <i>(tentative)</i>	<u>Finance/Budget Committee</u> meet to review staff proposed operating and capital budgets and administrative overhead fees.
3/20/24	Publish Budget Notice in Newspaper (one notice two weeks prior to meeting).
3/29/24	Include in the Board package, the Committee recommended operating and capital budgets.
4/2/24 7:00 p.m.	<u>Board</u> considers operating and capital budgets, and administrative overhead fees.

FEBRUARY 2023						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

MARCH 2023						
M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL 2023						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

7/1/24	Adopted operating and capital budgets and salary adjustments go into effect.
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1/1/25	Water rate changes adopted December 5, 2023 go into effect.
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- Information gathering
- Meetings
- Regulatory requirements