

COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PLANNING & BUILDING MARVIN A. ROSE, INTERIM DIRECTOR

THIS IS A NEW PROJECT REFERRAL

DATE:	6/11/2018
TO:	1 st District Legislative Assistant, Building Division, Cal Fire/County Fire, Public Works, Agricultural Commissioner, CA Fish and Wildlife, US Fish and Wildlife, RWQCB, Shandon Advisory Committee, AB 52
FROM:	Brandi Cummings (bcummings@co.slo.ca.us or 805-781-1006)
PROJECT DES cultivation site	MBER & NAME: DRC2018-00076 Powers CRIPTION: Proposed Minor Use Permit for 3 one acre outdoor cannabis es and 22,000 sq/ft indoor cannabis cultivation to be located at 2500 Highway on, CA 93461.
	er with your comments attached no later than 14 days from receipt of this referral.
<u>CACS piease re</u> s	spond within 60 days. Thank you.
	ATTACHED INFORMATION ADEQUATE TO COMPLETE YOUR REVIEW? YES (Please go on to PART II.) NO (Call me ASAP to discuss what else you need. We have only 10 days in which we must obtain comments from outside agencies.)
PART II: ARE T	HERE SIGNIFICANT CONCERNS, PROBLEMS OR IMPACTS IN YOUR AREA EW?
	YES (Please describe impacts, along with recommended mitigation measures to reduce the impacts to less-than-significant levels, and attach to this letter.) NO (Please go on to PART III.)
Please a	CATE YOUR RECOMMENDATION FOR FINAL ACTION. Settach any conditions of approval you recommend to be incorporated into the sapproval, or state reasons for recommending denial.
IF YOU HAVE "N	IO COMMENT," PLEASE SO INDICATE, OR CALL.
Date	Name Phone



APPLICATION TYPE - CHECK ALL THAT APPLY ☐ Emergency Permit ☐ Tree Permit ☑ Minor Use Permit ☐ Conditional Use Permit/Development Plan ☐ Plot Plan ☐ Curb, Gutter & Sidewalk Waiver ☐ Other ☐ Site Plan ☐ Surface Mining/Reclamation Plan ☐ Zoning Clearance ☐ Amendment to approved land use permit ☐ Variance	DRC2018-00076 Minor Use Permit 017-251-071 / 2500 HIGHWAY 41 PLE ERIC POWERS OUTDOOR CANNABIS CULTIVATION -HOOP STRUCTURE (3 ACRES TOTAL) W/22,000 SQFT GREENHOUSE				
APPLICANT INFORMATION Check box for contact	<u> </u>				
person assigned to this project Landowner Name Kuhnle Family Trust Mailing Address P.O. Box 263, Shandon, CA 93461	Daytime Phone (805) 550-8584 Zip Code 93461				
Email Address: jkuhnle1@gmail.com					
Applicant Name Eric Powers Mailing Address 630 Quintana Rd #113, Morro Bay, CA 93442	Daytime Phone <u>(805) 441-7475</u> Zip Code <u>93442</u>				
Email Address: eric.is.powers@gmail.com					
Agent Name Scott McKenzie, AGZONE Services, LLC/ Mandi Pickens ANGLE L Mailing Address P.O. Box 3002, Paso Robles, CA 93447	and Use Entitlement Daytime Phone (805) 591-4404; 805-459-5334 Zip Code 93447				
Email Address: scott@agzone.services; angle.planning@gmail.com					
PROPERTY INFORMATION Total Size of Site: 3,212.88 acres Assessor Parcel Number(s): See Project Description Legal Description: Multiple parcels- refer to project description Address of the project (if known): 2500 Shandon Highway, Shandon, CA 93461 Directions to the site (including gate codes) - describe first with name of road providing primary access to the site, then nearest roads, landmarks, etc.: From Hwy 41, turn onto Clark Rd, then take next right. Describe current uses, existing structures, and other improvements and vegetation on the property:					
Private Residence, Accessory Buildings, Farming					
PROPOSED PROJECT Describe the proposed project (inc. sq. ft. of all buildings): Out	door Cannabis Cultivation-Hoop structure (3 Acres total) with 22,000sf greenhouse				
LEGAL DECLARATION I, the owner of record of this property, have completed this for statements here are true. I do hereby grant official represent the subject property.	orm accurately and declare that all tatives of the county authorization to inspect				
Property owner signature	Date				
FOR STAFF USE ONLY	PERO-DE POINT ASSESSMENT ASSESSME				

LAND USE PERMIT APPLICATION PACKAGE SAN LUIS OBISPO COUNTY PLANNING & BUILDING http://www.slocounty.ca.gov/planning.htm

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San Luis Obispo County Department of Planning and Building

The California Environmental Quality Act (CEQA) requires all state and local agencies to consider and mitigate environmental impacts for their own actions and when permitting private projects. The Act also requires that an environmental impact report (EIR) be prepared for all actions that may significantly affect the quality of the environment. The information you provide on this form will help the Department of Planning and Building determine whether or not your project will significantly affect the quality of the environment.

To ensure that your environmental review is completed as quickly as possible, please remember to:

- a. Answer ALL of the questions as accurately and completely as possible.
- b. Include any additional information or explanations where you believe it would be helpful or where required. Include additional pages if needed.
- c. If you are requesting a land division or a re-zoning, be sure to include complete information about future development that may result from the proposed land division or rezoning.
- d. Include references to any reports or studies you are aware of that might be relevant to the questions asked or the answers you provide.

Should a determination be made that the information is inaccurate or insufficient, you will be required to submit additional information upon request.

Physical Site Characteristic Information

Your site plan will also need to show the information requested here:

1.	Describe the topography of the site:	
	Level to gently rolling, 0-10% slopes: +/-500 acres	
	Moderate slopes - 10-20%: +/-2700 acres	
	20-30%: acres	
	Steep slopes over 30%: acres	
2.	Are there any springs, streams, lakes or marshes on or near the site?	☐ Yes 🗸 No
	If yes, please describe:	
3.	Are there any flooding problems on the site or in the surrounding area?	☐ Yes ✓ No
	If yes, please describe:	
4.	Has a drainage plan been prepared?	☐ Yes 🗸 No
	If yes, please include with application.	
5.	Has there been any grading or earthwork on the project site?	☐ Yes ☑ No
	If yes, please explain:	
6.	Has a grading plan been prepared?	☐ Yes ✓ No
	If yes, please include with application.	
7.	Are there any sewer ponds/waste disposal sites on/adjacent to the project?	☐ Yes ☑ No
8.	Is a railroad or highway within 300 feet of your project site?	✓ Yes □ No
9.	Can the proposed project be seen from surrounding public roads?	Yes No
	If ves, please list; N/A	

LAND USE PERMIT APPLICATION PACKAGE SAN LUIS OBISPO COUNTY PLANNING & BUILDING http://www.slocounty.ca.gov/planning.htm

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Solid Waste Information 1. What type of solid waste will be generated by the project? ☐ Domestic ☐ Industrial ☐ Agricultural ☐ Other, please explain? 2. Name of Solid Waste Disposal Company: West Coast Construction and Clean-up 3. Where is the waste disposal storage in relation to buildings? 600' southeast of buildings 4. Does your project design include an area for collecting recyclable materials and/or composting ΠNo √ Yes materials? **Community Service Information** 1. Name of School District: Shandon Joint Unified School District 2. Location of nearest police station: 356 N Main St, Templeton, CA 93465 3. Location of nearest fire station: 501 E Centre St, Shandon, CA 93441 4. Location of nearest public transit stop: None Are services (grocery/other shopping) within walking distance (1/2 mile or closer) 5. ☐ Yes **V** No of the project? Historic and Archeological Information 1. Please describe the historic use of the property: Farming 2. Are you aware of the presence of any historic, cultural or archaeological materials on the project site or in the vicinity? \(\subseteq \text{Yes} \) **V** No If yes, please describe: N/A 3. Has an archaeological surface survey been done for the project site? ✓ No Yes If yes, please include two copies of the report with the application. Commercial/Industrial Project Information Only complete this section if you are proposing a commercial or industrial project or zoning change. Days of Operation: Fridays Hours of Operation: 4:00am-3:00pm 2. How many people will this project employ? 3 FTE 3. Will employees work in shifts? ☐ Yes ✓ No If yes, please identify the shift times and number of employees for each shift N/A 4. Will this project produce any emissions (i.e., gasses, smoke, dust, odors, fumes, vapors)? No If yes, please explain: 4 weeks during flowering, an slight odor may be detected. 5. Will this project increase the noise level in the immediate vicinity? √ Yes If yes, please explain: One day of tractor noise and one day of destemming machine noise per season. (If loud equipment is proposed, please submit manufacturers estimate on noise output.) 6. What type of industrial waste materials will result from the project? Explain in detail: None 7. Will hazardous products be used or stored on-site? ✓ No Yes If yes, please describe in detail: N/A 8. Has a traffic study been prepared? ☐ Yes ✓ No If yes, please attach a copy. 9. Please estimate the number of employees, customers and other project-related traffic trips to or from the project: Between 7:00 - 9:00 a.m. 0 Between 4:00 to 6:00 p.m. 0

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3.	Are you aware of any previous environmental determinations for all or portions of this property? Tyes No If yes, please describe and provide "ED" number(s):
Othe	er Related Permits
1.	List all permits, licenses or government approvals that will be required for your project (federal, state and local): 1 x Medium, 9 x Small California Cultivation Permits, CA State Sellers Permit,
	SLO County Business License
	(If you are unsure if additional permits are required from other agencies, please ask a member of the Planning Department staff currently assigned to the project



COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PLANNING & BUILDING CANNABIS APPLICATION SUPPLEMENT

PLN-2018 12/8/2017

Cannabis Activities Proposed	
✓ Cultivation ☐ Nursery ☐ Manufacturing Facility ☐ Testing Facility ☐ Dispensary ☐ Distribution Facility	
For Cultivation and Nurseries ONLY	
Approved Cooperative/Collective Registration number. Note: If you do not hold an approved cooperative/collective registration, you cannot apply for cultivation until 2019.	
Approved registration number: CCM2016- 00074 .	
What is the applicant on the approved registration? Note: The applicant name on the registration must match the applicant name on the land use permit.	
Name of applicant: Eric Powers	
Are you planning on cultivating on the same site that a registration was approved for?	
☐ Yes ✓ No	
What type of State cultivation license are you seeking?	
☐ Type 1 ☐ Type 2 ☑ Type 3 ☐ Type 4 ☐ Type 5 ☐ Microbusiness ☐ Indoor ☑ Outdoor ☐ Mixed-light	
Designate the total square footage of your cultivation canopy area(s). This is not necessarily the maximum canopy size allowed by the tier of license for which you are applying, but the amount of canopy area you intend to produce. If you intend to have multiple canopy area locations, include only the total square footage of the total canopy. 130,6	680
Check one or more of the following that apply and attach a detailed diagram of your designated canopy area. Include specific dimensions, in feet and inches, in the diagram. If you have only a single canopy area, clearly indicate that. If you are designating multiple canopy areas, clearly identify the square footage and dimensions of each area and how it is separated from other canopy areas. Note that if you are designating multiple canopy areas you must separate each area by a physical boundary such as an interior wall. Vertically stacked canopy areas must be identified as such in the detailed diagram submitted by applicants.	
I have designated the specific area and dimensions of my newly designated canopy area(s):	

CANNABIS APPLICATION SUPPLEMENT

Do you plan on us	sing pesticides?					
✓ Yes	☐ No					
			AEPA, DPR ingredients (list bugh to include use on cann	included in project description) nabis.		
	7					
For Manufacturii	ng ONLY					
		license are you	seeking? <i>Note: Vola</i>	atile manufacturing is prohibited.		
☐ Type 6	☐ T usiness	ype 7	☐ Type N	☐ Type P		
What type of prod	lucts do you plan	on manufacturi	ng?			
Oils	☐ Edibles	Topicals	Other			
Will the facility be	utilizing a closed	d-loop extraction	system?			
☐ Yes	· 🗌 No	8				
(If extracting) Wh	at types of extrac	ction will you be	performing?			
☐ Butane ☐ Ethano ☐ Other		Propane Mechanical		Carbon Dioxide		
For Distribution	ONLY					
What type of Stat	e distribution lice	ense are you see	king?			
☐ Type 1	1T	ype 11 – Transp	oort Only			
Will you be opera	ting a storage-or	nly business?				
Yes	☐ No					
How many vehicles do you anticipate transporting/distributing product?						
<u> </u>	☐ 6-10	<u> </u>	☐ N/A Storage O	nly/Other		



Powers Minor Use Permit- Cannabis Cultivation Project Description

PROPOSAL

- Minor Use Permit: Outdoor Cultivation (3 ac); Indoor Cultivation (22,000sf greenhouse)
- Landowner: Joseph Kuhnle
- ❖ Applicant (Leasee): Eric Powers
- ❖ Agents: AGZONE Services, LLC and ANGLE Land Use Entitlement

The following application is for a Minor Use Permit to establish an outdoor and indoor cannabis cultivation operation. The outdoor cultivation involves three acres within hoop house structures and indoor cultivation within a +/-22,000sf greenhouse.

SITE

Address: 2500 HWY 41 Shandon, CA 93461

APN: 017-251-071Acreage: 3,213 acres

Land Use Designation: Agriculture

EXISTING USES

The site is made up a various legal parcels, totaling +/-3,213 acres. The parcel in which the cultivation will occur is 196 acres and has one residence, a barn, multiple small accessory structures and an ag pond. The remainder of the site at large is vacant or planted in vineyards with slopes under 20% average. Existing access comes off of HWY 41, onto Clark Rd. down a private, gravel driveway.



Photo: View of existing structures from HWY 41

Outdoor Cultivation

The applicants have a combined 3 acre canopy for their outdoor cultivation operation under CCM's noted above. They are proposing to relocate this operation to the subject site in order to operate under the recent medical and adult cannabis use state and county regulations.

The site for cultivation is vacant and tilled. Outdoor cultivation will occur in hoop houses. There will be a total of four hoop houses, which are each 24' wide and 454' in length. This area will be fenced in an 8' high chain link fenced with plats and gated for security purposes.

Cal Fire visited the site on 5/10/18 and provided recommendations for access and water supply for the cultivation operation. As a result, a 16' wide gravel road will be installed on the inside and outside of the perimeter fence line. A 16' wide gravel road will also divide the 3 acre grow site into 1 acre sections.



Photo: Hoop house example

Land Preparation

The ground is prepared by first disking three times, chiseling (ripping) 3-feet four times and disking again three times. Six tons of well-composted organic green-waste (manure) is applied and incorporated into the soil coincident with the disking operations. Planting beds are then listed and shaped.

Plant Stock

Several cannabis strains are selected for high yields and high oil production quality. A mix of stains for each specific site is selected and planted.

Planting

Cannabis is planted by hand in early June (they can be planted later, but later plantings produce lower yields). Two plants are spaced 3-feet apart o 5-foot-wide raised beds (which are spaced 3-feet apart, edge-to-edge). Every 5 feet, two more plants are similarly placed. This results in a total of plant density of 2,178 plants per acre. Labor required for planting is estimated at 24 man-hours per acre.

Trellising

Each acre of cannabis production operation will have 22 rows per acre on 8-foot rows (square acre basis is 200 ft x 218 ft). A trellis system is installed each year.

<u>Yields</u>

An estimated season yield of 5,445 pounds per acre is used to reflect yields under sub-surface drip irrigation. The yield will vary based on strain selection and planting date. An average of 2.5 pound-per-plant is estimated for the above density. June 1, 2018 is the targeted planting date, but this is dependent upon the issuance of county and state permits and licenses.

Harvest

The crop is harvested in late October within a 24-hour period. Crew size is 10 to 12 people with time to cut each plant calculated at 2 minutes. The flows of the plant are removed from the stalks with destemming machines (www.munchmachine.com). Fresh plant material is then vacuum-packed and frozen in portable 40-foot blast freezer units, which may be stored or immediately transported to an oil extract facility.

Indoor Cultivation

A 22,000sf greenhouse structure is proposed adjacent to the outdoor cultivation area. Greenhouse operations are similar to outdoor except that all plants will be grown in pots ad there will be five or six 'seasons' per calendar year.

Fencing

An 8' high slatted chain linked fence will encompass the outdoor cultivation. The fencing will provide both a visual barrier and security. Refer to the site plan for location.

Lighting

There are nine to twelve, 30' poles with LED box lights pointing down. These are intended to illuminate the sites in the early morning when field workers perform their duties before the heat sets in. Lighting specs are included as an attachment.





OPERATIONS

The following information discusses additional site's operational compliance with the requirements set forth in Section 22.40.040.

Employee Safety and Training Plan

The operations will be run by AGZONE Services, leasee. Part of their role is to properly ensure the safety of the site and their employees. The Employee Safety and Training Plan is enclosed.

Security

Site security will be provided by a state approved system. High definition cameras will be installed at high points overseeing gates, access and ingress and egress of the structure and hoop houses. Public access is restricted and will be achieved with the installation of two security gates, which include a keypad and intercom. Both camera and gate locations are identified on the site plan. Fencing and lighting installation will occur and details are found above under the 'outdoor cultivation' section of this project description.

Fire Safety

Cal Fire visited the site on 5/10/18 and provided recommendations for fire safety, which involved access and water storage requirements. As a result, the project has been designed to accommodate these fire safety measures, such as a widened shared access road and private 16' wide cultivation access roads around and within the growing operation.

A 10,000 gallon galvanized steel water tank will be installed outside the fence line. The tank will have a 4" fire hookup that is accessible within 12' of the access road. The tank will also be used as a source of irrigation water for the grow sites. Accordingly, the tank will have a booster pump and a nutrient injection system.

Odor Management

The proposed operation is not anticipating any odor nuisance since the adjacent properties are proposing operation of the same use. Additionally this site is an extremely remote area and adjacent to the Topaz Solar Farm.

Pesticide and Fertilizer Application

A list of pesticides and fertilizer products are included as an attachment to this project description. All products are non-hazardous and in compliance with the Department of Pesticide Regulation (DPR) and the County of San Luis Obispo Agricultural Commissioner (CAC).

Waste Management Plan

Waste will be minimal and materials composted. Unused plant materials and soils will be reused within the site area.

Table 1: Annual Water Demand Estimate for Each Site					
Use	Rate	Gross Demand (gallons/ year)	Gross Demand (AFY)		
Outdoor Cultivation: 130,680 sf	130,680 square feet canopy area x 0.03 gal/sf/day x 150 days	588,060	1.80		
Indoor Cultivation: 22,000 sf	22,000 square feet canopy area x 0.1 gal/sf/day x 260 days	572,000	1.76		
т	otal New Water Demand		. 3.56		

Table 2. Estimated Monthly Water Demand for Each Site					
Month	ETo (in)**	Outdoor ETo During Growing Season (%)	Outdoor Cultivation Water Use/Month (AF)	Indoor water use/month (AF)	Total Water Use/month (AF)
October	3.50	-	-	0.15	0.15
November	2.02	-	-	0.15	0.15
December	1.51	-	-	0.15	0.15
January	1.69	-	-	0.15	0.15
February	2.24	_	-	0.15	0.15
March	3.72	-	-	0.15	0.15
April	4.76	13.5	0.24	0.15	0.39
May	6.03	17.1	0.31	0.15	0.46
June	6.56	18.6	0.34	0.15	0.48
July	6.60	18.8	0.34	0.15	0.48
August	6.30	17.9	0.32	0.15	0.47
September	4.94	14.0	0.25	0.15	0.40
Total	49.87	100%	1.80	1.76	3.56

^{**}California Irrigation Management Information System (CIMIS) Weather Station #163; Atascadero (active November 2000 to March 2018)

Biological

A biological assessment is forthcoming. The site is within the San Joaquin Kit Fox habitat and a kit fox evaluation is being prepared.

Parcel Summary Report

APN: 017-251-071

Parcel Information

APN: 017-251-071

Assessee: KUHNLE JOSEPH D TRE ETAL

Care Of:

Address: PO BOX 23 SHANDON

CA 93461

Description: T26S R15E PTN SEC 31

Site Address:

Land Uses

02500 SHANDON HY

Tax Rate Area Code:119001Estimated Acres:190.73Community Code:NCSHCASupervisor District:Supdist 1

Avg Percent Slope: 12

Land Use Information



Combining Designations



Selected Parcel

AG		



Permit Information

Permit	Description	Application Date
DRC2018-00076	Land Use	5/22/2018 3:15:30 PM
PRE2018-00021	Pre-Application	3/2/2018 9:26:55 AM
S940042L	Subdivision	4/25/1996 12:00:00 AM



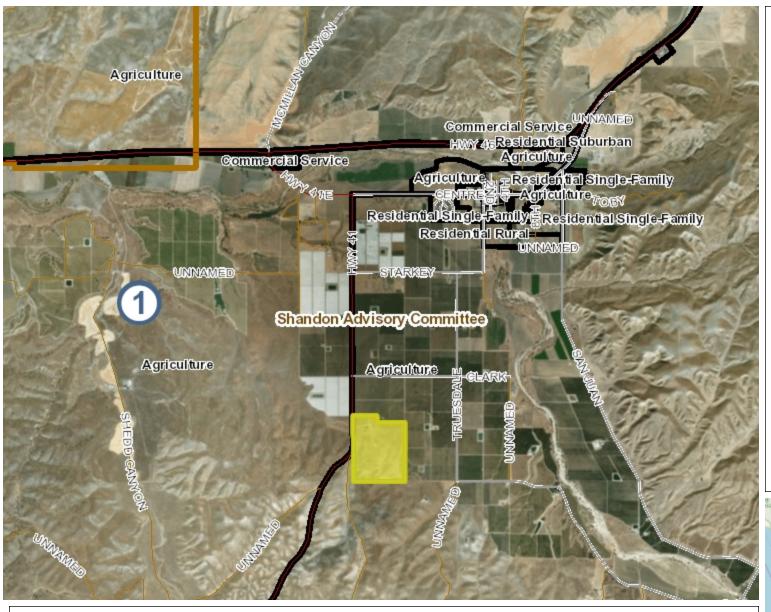
Parcel Summary Report

APN: 017-251-071

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.



Interactive Data Viewer



Legend

Roads

- CalTrans
- Maintained by SLO CO
- Private Maintenance
- Federal or State Maintenance

Community Advisory Groups

Community Advisory Group Boundary

Cayucos Citizens Advisory Council Subarea
Creston Advisory Body Sub Areas

Supervisor Districts

Land Use Outlines

-12,037.30 0 6,018.65 12,037.30 Feet 1: 72,224

0

The County of San Luis Obispo does not assume liability for any damages caused by errors or omissions in the data and makes no warranty of any kind, express or implied, that these data are accurate and reliable.

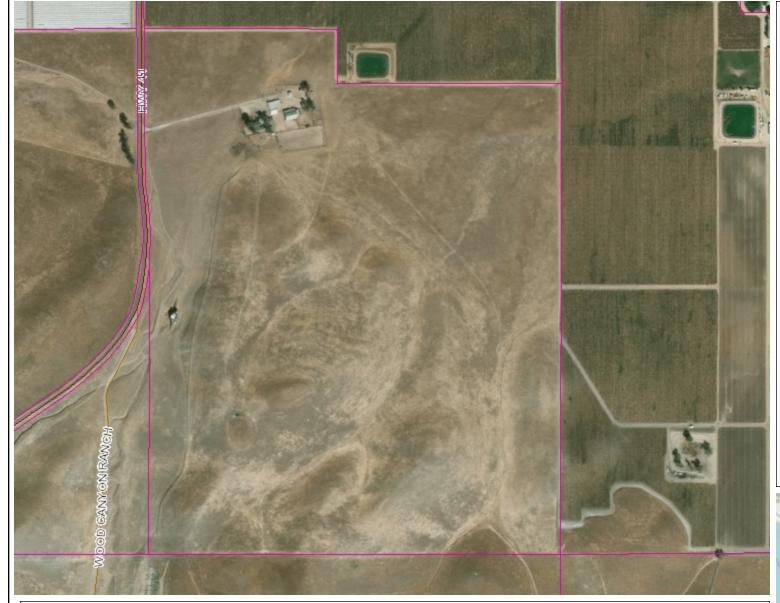
Map for Reference Purposes Only



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Interactive Data Viewer



Legend

- SLO County Parcels
 Roads
 - CalTrans
 - Maintained by SLO CO
 - Private Maintenance
 - Federal or State Maintenance

-1,504.66 0 752.33 1,504.66 Feet 1: 9,028

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The County of San Luis Obispo does not assume liability for any damages caused by errors or omissions in the data and makes no warranty of any kind, express or implied, that these data are accurate and reliable.

Map for Reference Purposes Only

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