



COUNTY OF SAN LUIS OBISPO
DEPARTMENT OF PLANNING & BUILDING
TREVOR KEITH, *DIRECTOR*

THIS IS A NEW PROJECT REFERRAL

DATE: 9/26/2018
TO: 4th District Legislative Assistant, Building Department, Public Works,
CalFire/County Fire, Agricultural Department, County Assessor, Sheriff,
RWQCB, Lucia Mar, CA Fish and Wildlife, US Fish and Wildlife, South County
Advisory Council, AB52
FROM: Cassidy McSurdy (cmcsurdy@co.slo.ca.us or 805-788-2959)

PROJECT NUMBER & NAME: DRC2018-00163 PERENNIAL HOLISTIC WELLNESS_KOCH
CALIF LTD

PROJECT DESCRIPTION: Proposed Minor Use Permit for 2.9 acres outdoor cannabis
cultivation and 22,000 sq/ft indoor cultivation to be used for self-supporting nursery. The
proposed project will be located at 662 Eucalyptus Rd. Nipomo, CA

APN(s): 091-311-032

**Return this letter with your comments attached no later than 14 days from receipt of this referral.
CACs please respond within 60 days. Thank you.**

PART I: IS THE 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 THERE SIGNIFICANT CONCERNS, PROBLEMS OR IMPACTS IN YOUR AREA
OF REVIEW?

- ☐ 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.)

PART III: INDICATE YOUR RECOMMENDATION FOR FINAL ACTION.

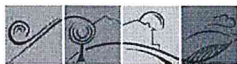
Please attach any conditions of approval you recommend to be incorporated into the
project's approval, or state reasons for recommending denial.

IF YOU HAVE "NO COMMENT," PLEASE SO INDICATE, OR CALL.

Date

Name

Phone



GENERAL APPLICATION FORM

San Luis Obispo County Department of Planning and Building

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

Department Use Only
Do Not Mark
(Staff Apply Label Here)

APPLICANT INFORMATION Check box for contact

person assigned to this project

☒ Landowner Name _____ Daytime Phone _____
 Mailing Address _____ Zip Code _____
 Email Address: _____

☒ Applicant Name Perennial Holistic Wellness _____ Daytime Phone 805-458-5188
 Mailing Address _____ Zip Code _____
 Email Address: kluce@cfammanagement.com

☒ Agent Name Kirk Consulting / Lisa Bugrova/ Jamie Jones _____ Daytime Phone 805-461-5765
 Mailing Address 8830 Morro Rd, Atascadero, CA _____ Zip Code 93422
 Email Address: Lisa@kirk-consulting.net

PROPERTY INFORMATION

Total Size of Site: 28.82 Acres _____ Assessor Parcel Number(s): 091-311-032
 Legal Description: _____
 Address of the project (if known): 662 Eucalyptus Road, Nipomo, CA 93444
 Directions to the site (including gate codes) - describe first with name of road providing primary access to the site, then nearest roads, landmarks, etc.: Eucalyptus Road
 Describe current uses, existing structures, and other improvements and vegetation on the property:
 Residence and barn, rose cultivation, and cannabis cultivation since 2016

PROPOSED PROJECT

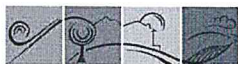
Describe the proposed project (inc. sq. ft. of all buildings): See Project Description

LEGAL DECLARATION

I, the owner of record of this property, have completed this form accurately and declare that all statements here are true. I do hereby grant official representatives of the county authorization to inspect the subject property.

Property owner signature _____ Date 8/30/18

FOR STAFF USE ONLY



LAND USE PERMIT APPLICATION

San Luis Obispo County Department of Planning and Building

File No _____

Type of project: ☒ Commercial ☐ Industrial ☐ Residential ☐ Recreational ☐ Other

Describe any modifications/adjustments from ordinance needed and the reason for the request (if applicable): _____

Describe existing and future access to the proposed project site: Existing/Primary access to remain off Eucalyptus Road

Surrounding parcel ownership: Do you own adjacent property? ☐ Yes ☒ No

If yes, what is the acreage of all property you own that surrounds the project site? _____

Surrounding land use: What are the uses of the land surrounding your property (when applicable, please specify all agricultural uses):

North: Residential Rural

South: Residential Suburban

East: Residential Rural

West: Residential Suburban

For all projects, answer the following:

Square footage and percentage of the total site (approximately) that will be used for the following:

Buildings: 22,000 sq. feet 0 % ☒ Existing Landscaping: 0 sq. feet 0 %

Paving: 0 sq. feet 0 % Other (specify) Canopy Area 2.6 acres

Total area of all paving and structures: existing ☒ sq. feet ☐ acres

Total area of grading or removal of ground cover: 0 ☒ sq. feet ☐ acres

Number of parking spaces proposed: existing Height of tallest structure: existing

Number of trees to be removed: 0 Type: _____

Setbacks: Front 467' Right 317' Left 290' Back 100'

Proposed water source: ☒ On-site well ☐ Shared well ☐ Other _____

☐ Community System - List the agency or company responsible for provision: _____

Do you have a valid will-serve letter? ☐ Yes ☐ No (If yes, please submit copy)

Proposed sewage disposal: ☒ Individual on-site system ☐ Other _____

☐ Community System - List the agency or company responsible for sewage disposal: _____

Do you have a valid will-serve letter? ☐ Yes ☐ No (If yes, please submit copy)

Fire Agency: List the agency responsible for fire protection: Cal Fire

For commercial/industrial projects answer the following:

Total outdoor use area: 3 ☐ sq. feet ☒ acres

Total floor area of all structures including upper stories: 22,000 sq. feet

~~**For residential projects, answer the following:**~~

~~Number of residential units: _____ Number of bedrooms per unit: _____~~

~~Total floor area of all structures including upper stories, but not garages and carports: _____ sf~~

~~Total of area of the lot(s) minus building footprint and parking spaces: _____ sf~~



File No _____

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: 28.82 acres
Moderate slopes - 10-20%: 0 acres
20-30%: 0 acres
Steep slopes over 30%: 0 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: Existing development
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 yes, please list: _____

Water Supply Information

1. What type of water supply is proposed?
☒ Individual well ☐ Shared well ☐ Community water system
2. What is the proposed use of the water?
☐ Residential ☒ Agricultural - Explain Rose and cannabis cultivation
☐ Commercial/Office - Explain _____
☐ Industrial - Explain _____
3. What is the expected daily water demand associated with the project? 27,138 gall
4. How many service connections will be required? No service connections required
5. Do operable water facilities exist on the site?
☒ Yes ☐ No If yes, please describe: Groundwater Wells (2)
6. Has there been a sustained yield test on proposed or existing wells?
☐ Yes ☒ No If yes, please attach.
7. Does water meet the Health Agency's quality requirements?
Bacteriological? ☐ Yes ☐ No
Chemical? ☐ Yes ☐ No
Physical ☐ Yes ☐ No
Water analysis report submitted? ☐ Yes ☐ No
8. Please check if any of the following have been completed on the subject property and/or submitted to County Environmental Health.
☐ Well Driller's Letter ☐ Water Quality Analysis(☐ OK or ☐ Problems)
☐ Will Serve Letter ☐ Pump Test _____ Hours / _____ GPM
☐ Surrounding Well Logs ☐ Hydrologic Study ☐ Other _____

Please attach any letters or documents to verify that water is available for the proposed project.

Sewage Disposal Information

If an on-site (individual) subsurface sewage disposal system will be used:

1. Has an engineered percolation test been accomplished?
☐ Yes ☒ No If yes, please attach a copy.
2. What is the distance from proposed leach field to any neighboring water wells? _____
3. Will subsurface drainage result in the possibility of effluent reappearing in surface water or on adjacent lands, due to steep slopes, impervious soil layers or other existing conditions?
☐ Yes ☒ No
4. Has a piezometer test been completed?
☐ Yes ☒ No If 'Yes', please attach.
5. Will a Waste Discharge Permit from the Regional Water Quality Control Board be required?
☐ Yes ☒ No (*a waste discharge permit is typically needed when you exceed 2,500 gallons per day*)

~~**If a community sewage disposal system is to be used:**~~

1. Is this project to be connected to an existing sewer line? ☐ Yes ☐ No
Distance to nearest sewer line: _____ Location of connection: _____
2. What is the amount of proposed flow? _____ GPD
3. Does the existing collection treatment and disposal system have adequate additional capacity to accept the proposed flow? ☐ Yes ☐ No

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: _____
3. Where is the waste disposal storage in relation to buildings? Compost at back of property away from buildings
4. Does your project design include an area for collecting recyclable materials and/or composting materials? ☒ Yes ☐ No
On Site Organic Composting in grow Areas

Community Service Information

1. Name of School District: Lucia Mar
2. Location of nearest police station: Santa Maria Police Department, 1111 W Betteravia Rd, Santa Maria, CA 93458
3. Location of nearest fire station: 20 Nipomo, 450 Pioneer St, Nipomo, CA 93420
4. Location of nearest public transit stop: Santa Maria Transit Center, Santa Maria, CA 93454
5. Are services (grocery/other shopping) within walking distance (1/2 mile or closer) of the project? ☐ Yes ☒ No

Historic and Archeological Information

1. Please describe the historic use of the property: Rose cultivation, cannabis cultivation, single family residences
2. Are you aware of the presence of any historic, cultural or archaeological materials on the project site or in the vicinity? ☐ Yes ☒ No
If yes, please describe: _____
3. Has an archaeological surface survey been done for the project site? ☐ Yes ☒ No
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.

1. Days of Operation: 6 days a week 8 am-6pm
2. How many people will this project employ? up to 35
3. Will employees work in shifts? ☐ Yes ☒ No
If yes, please identify the shift times and number of employees for each shift _____
4. Will this project produce any emissions (i.e., gasses, smoke, dust, odors, fumes, vapors)?
☐ Yes ☒ No If yes, please explain: _____
5. Will this project increase the noise level in the immediate vicinity? ☐ Yes ☒ No
If yes, please explain: _____
(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: N/A
7. Will hazardous products be used or stored on-site? ☐ Yes ☒ No
If yes, please describe in detail: _____
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. 5 Between 4:00 to 6:00 p.m. 2

10. Are you proposing any special measures (carpooling, public transit, telecommuting) to reduce automobile trips by employees ☐ Yes ☒ No
If yes, please specify what you are proposing: _____
11. Are you aware of any potentially problematic roadway conditions that may exist or result from the proposed project, such as poor sight distance at access points, connecting with the public road? ☐ Yes ☒ No If yes, please describe: _____

Agricultural Information

Only complete this section if your site is: 1) Within the Agricultural land use category, or 2) currently in agricultural production.

1. Is the site currently in Agricultural Preserve (Williamson Act)? ☐ Yes ☒ No
2. If yes, is the site currently under land conservation contract? ☐ Yes ☒ No
3. If your land is currently vacant or in agricultural production, are there any restrictions on the crop productivity of the land? That is, are there any reasons (i.e., poor soil, steep slopes) the land cannot support a profitable agricultural crop? Please explain in detail: N/A

Special Project Information

1. Describe any amenities included in the project, such as park areas, open spaces, common recreation facilities, etc.(these also need to be shown on your site plan): n/a
2. Will the development occur in phases? ☐ Yes ☒ No
If yes describe: _____
3. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? ☐ Yes ☒ No If yes, explain: _____
4. Are there any proposed or existing deed restrictions? ☐ Yes ☒ No
If yes, please describe: _____

Energy Conservation Information

1. Describe any special energy conservation measures or building materials that will be incorporated into your project *: _____

*The county's Building Energy Efficient Structures (BEES) program can reduce your construction permit fees. Your building must exceed the California State Energy Standards (Title 24) in order to qualify for this program. If you are interested in more information, please contact the Building Services Division of the Department of Planning and Building at (805) 781-5600.

Environmental Information

1. List any mitigation measures that you propose to lessen the impacts associated with your project: _____
2. Are you aware of any unique, rare or endangered species (vegetation or wildlife) associated with the project site? ☐ Yes ☒ No
If yes, please list: _____



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

PLN-2018
12/8/2017

The following information is required in addition to the Land Use Permit Application.

Cannabis Activities Proposed

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Cultivation | <input checked="" type="checkbox"/> Nursery | <input type="checkbox"/> Manufacturing Facility |
| <input type="checkbox"/> Testing Facility | <input type="checkbox"/> Dispensary | <input type="checkbox"/> 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- 00252

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: Perennial Holistic Wellness

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?

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Type 1 | <input type="checkbox"/> Type 2 | <input type="checkbox"/> Type 3 | <input type="checkbox"/> Type 4 |
| <input type="checkbox"/> Type 5 | <input type="checkbox"/> Microbusiness | <input checked="" type="checkbox"/> Indoor | <input checked="" type="checkbox"/> Outdoor |
| <input checked="" type="checkbox"/> 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.

132,205 sq. ft. of canopy

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

- ☒ On my floor plan submitted with the application
☒ On an additional document submitted with my application

Record your estimates of electrical usage in kilowatt-hours (kWh). To determine how many kWh a piece of equipment uses, take the following steps:

- Determine the wattage of the device by checking manufacturer specifications
- Multiply this number by the number of hours each month the device will be in use to determine watt-hours.
- Divide each month's watt-hours by 1,000 to determine kWh. Round to three decimal places.
- Repeat this for each piece of equipment and the total amounts for each month.
- Estimates should assume the business is in full production for each month.

Describe all sources of electrical power and the total annual kWh expected to be drawn from each. For example, if the operation uses on-site power generation from a source such as solar panels, document the amount of power you expect to use from that source in addition to any other sources.

Source or utility name	Expected kWh drawn annually
PG & E -currently 600 amp	
-Upgrade in process to add 1500-2000 amp	
Total Annual kWh:	see project description

Clearly identify the measurement unit you are using to estimate or report your water usage. If you are using multiple units, you may use additional columns to record that information. If you are using reclaimed water, identify that as a source. If you are utilizing more sources of water than may be included on this form, you may include that information on a separate page submitted with this application.

Estimate the total water used in the production of marijuana by month. If recording estimates for multiple sources, estimate these amounts separately.

Source	Well (2 existing)	Gallons for 3 Acres of Cannabis	& 22,000 SF Greenhouse	Nursery
Month and Year				
1	2017			
2	—			
3	—			
4	—	160,000		
5	—	160,000		
6	—	160,000		
7	—	160,000		
8	—	240,000		
9	—	240,000		
10	—	240,000		
11	—	240,000		
12	—	240,000		
Totals		1,840,000		

CANNABIS APPLICATION SUPPLEMENT

Do you plan on using pesticides?

☒ Yes ☐ No

List of pesticides anticipated to be used: 0-0-50 sulfate of potash, 1-0-1 Cal-mag, 14-0-0 growers secret nitrogen, algamin, blood meal, bloom-bat guano, calcium mainstay, dipel, forge, gnatrol WDG, Grandevo, H2H 3-2-1 Grow, humega humic acid, liquid potassium, metalosate multimineral, mycotrol, mykos, natures nectar 0-0-5 potassium, natures nectar 0-4-0 phosphorus, Nu-film P, Omni, Silwet, SS SCl suncor soil, trilogy, and worm castings.

For Manufacturing ONLY

What type of State manufacturing license are you seeking? *Note: Volatile manufacturing is prohibited.*

☐ Type 6 ☐ Type 7 ☐ Type N ☐ Type P
☐ Microbusiness

What type of products do you plan on manufacturing?

☐ Oils ☐ Edibles ☐ Topicals ☐ Other _____

Will the facility be utilizing a closed-loop extraction system?

☐ Yes ☐ No

(If extracting) What types of extraction will you be performing?

☐ Butane ☐ Propane ☐ Hexane ☐ Carbon Dioxide
☐ Ethanol ☐ Mechanical ☐ None
☐ Other _____

For Distribution ONLY

What type of State distribution license are you seeking?

☐ Type 11 ☐ Type 11 – Transport Only

Will you be operating a storage-only business?

☐ Yes ☐ No

How many vehicles do you anticipate transporting/distributing product?

☐ 1-5 ☐ 6-10 ☐ 11+ ☐ N/A Storage Only/Other

CANNABIS APPLICATION SUPPLEMENT

For Dispensaries ONLY

What type of State dispensary license are you seeking? *Note: Dispensaries are not allowed to have storefronts open to the public.*

☐ Type 9 – non-storefront dispensary

☐ Type 10

☐ Microbusiness

Will you be delivering to other jurisdictions?

☐ Yes

☐ No

How many vehicles do you anticipate delivering product?

☐ 1-5

☐ 6-10

☐ 11+

☐ N/A Storage Only/Other

How many deliveries per day do you anticipate delivering product?

☐ <10

☐ 11-50

☐ 51-100

☐ >100

☐ N/A Storage Only/Other



PERENNIAL HOLISTIC WELLNESS
SUPPLEMENTAL DEVELOPMENT STATEMENT
CANNABIS MINOR USE PERMIT
662 EUCALYPTUS ROAD, NIPOMO, CA 93444
APN (091-311-032)

PROJECT DESCRIPTION

Parcel Size:	28.82 Acres
APN:	APN (091-311-032)
Address:	662 Eucalyptus Road, Nipomo, CA 93444
Land Use Designation:	AG
Williamson Act:	No
Water:	On-Site Well
Existing Uses:	Residence, Rose and Cannabis Cultivation
Access:	Eucalyptus Road

The subject property consists of one parcel totaling 28.82 acres, located at 662 Eucalyptus Road in Nipomo (APN 091-311-032), accessed off Eucalyptus Road, in the South County Sub Planning Area and zoned Agriculture. Existing uses on the site include a residence, mobile home, commercial buildings, rose cultivation, and cannabis cultivation since 2016.

Proposed Project

A request by Perennial Holistic Wellness for a Minor Use Permit to authorize the converted greenhouse space to non-lighted hoophouse cannabis cultivation totaling 127,800 sq. ft. of canopy (2.9 acres) and 22,000 sq. ft. greenhouse nursery. The property is registered via CCM2016-00252. The proposed project has been designed in full compliance with LUO Section 4, Chapter 18322.30- Cannabis Activities as approved by the Board of Supervisors on November 27, 2017. Supporting cultivation operations will include drying, curing, and preparation of product for off-site testing and entry into the commercial marketplace. No additional site disturbance is proposed as a part of this project. The proposed project is located at 662

Eucalyptus Road, Nipomo, CA 93444, approximately 9 miles North of Santa Maria and 11 miles South of Arroyo Grande.

Figure 1: Vicinity Map

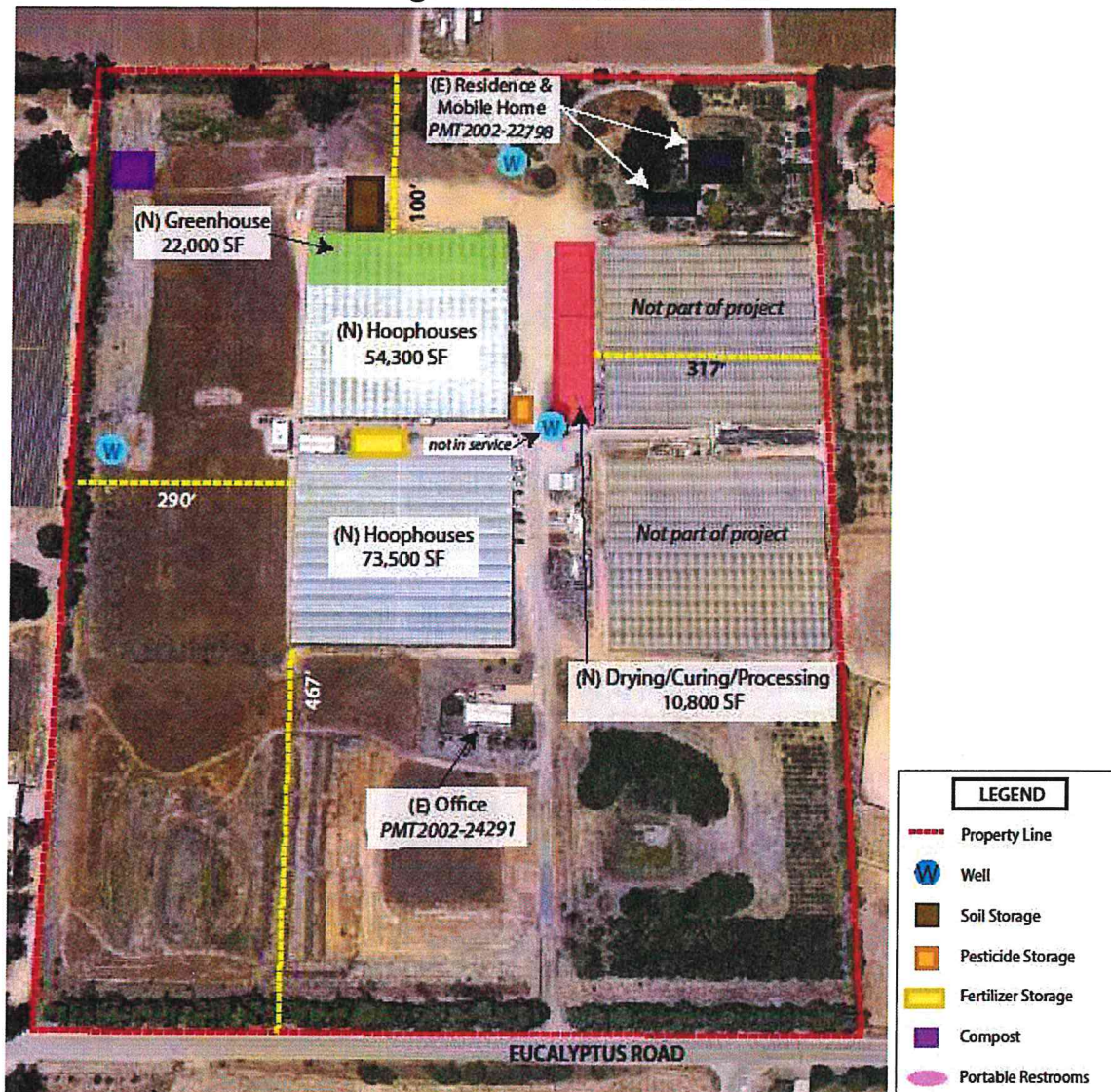


The Project site is approximately 29 acres in size and consists of one legal parcel. The site is located off Eucalyptus Road, a public road which extends to parcels East and West of the site. The area is sparsely developed with very low densities and larger parcel sizes (40+) acres. The area's topography is relatively flat with zero acres in the site being over 10% slope, and 28.82 acres of the site being between 0-10% slope. The average slope within the site is 3%.

Table 1: Summary of Project Scope

	Use	Count	Total SF	Working Clearance SF	Canopy SF
Hoop House 1	Cultivation	38	54,300	6,480	47,820
Hoop House 2	Cultivation	10	73,500	7,515	65,985
Greenhouse 1	Nursery Mixed Light	1	22,000	3,600	18,400
Existing Building	Drying/Curing/Processing	1	10,800	n/a	n/a
TOTAL			160,600		132,205

Figure 2: Overall Site Plan



Outdoor and Indoor (Mixed-Light) Cultivation

A total of 127,800 sq. ft (2.9 acres) of hoophouse cultivation area is proposed, within 2 separate pre-existing greenhouses. The total hoophouse canopy area is 113,805 sq. ft. (2.6 acres). No lighting will be utilized. A portion of an existing greenhouse will be utilized for 22,000 sq. ft of greenhouse nursery space, with a total canopy of 18,400 sq. ft. Mixed-lighting will be used, existing from prior rose cultivation.

Processing and Export of Product

Existing walk-in coolers will be utilized for drying, curing, and processing product onsite. Once processed, product will be taken off-site for distribution via state licensed transport vehicles. There will be no manufacturing or distribution onsite.

Access

The parcel is accessed from Eucalyptus Road, a public road which extends to parcels East and West of the site. The road is paved all the way to the site's driveway. A Road Maintenance Agreement will not be required for this project.

Site Operations Plan

Security

The proposed security plan includes a secure fence, two locked entrance gates, and security cameras installed throughout the site. Security cameras will be placed at all cultivation area access points. The site will operate in full compliance with State Licensing requirements for track and trace which will further ensure adherence to security protocols. Please see attached Security Plan.

Workplace Searches

To protect the property and to ensure the safety of all employees, clients and the company, the company reserves the right to conduct personal searches consistent with state law, and to inspect any packages, parcels, purses, handbags, brief cases, lunch boxes or any other possessions or articles carried to and from the company's property. In addition, the company reserves the right to search any employee's office, desk, files, locker, equipment or any other area or article on our premises. In this regard, it should be noted that all offices, desks, files, lockers, equipment, etc. are the property of the company, and are issued for the use of employees only during their employment. Inspection may be conducted at any time at the discretion of the company.

Persons entering the premises who refuse to cooperate in an inspection conducted pursuant to this policy may not be permitted to enter the premises. Employees working on or entering or leaving the premises who refuse to cooperate in an inspection, as well as employees who after the inspection are believed to be in possession of stolen property or illegal substances, will be subject to disciplinary action, up to and including discharge, if upon investigation they are found to be in violation of the company's security procedures or any other company rules and regulations.

Substance Abuse

The company has vital interests in ensuring a safe, healthy and efficient working environment for our employees, their co-workers and the clients we serve. The unlawful or improper presence or use of controlled substances or alcohol in the workplace presents a danger to everyone. For these reasons, we have established as a condition of employment and continued employment with the company the following substance abuse policy.

Employees are prohibited from reporting to work or working while using illegal or unauthorized substances. Employees are prohibited from reporting to work or working when the employee uses any controlled substance, except when the use is pursuant to a doctor's orders and the doctor advised the employee that the substance does not adversely affect the employee's ability to safely perform his or her job duties.

In addition, employees are prohibited from engaging in the unlawful or unauthorized manufacture, distribution, sale or possession of illegal or unauthorized substances and alcohol in the workplace including: on company paid time, on company premises, in company vehicles, or while engaged in company activities. Our employees are also prohibited from reporting for duty or remaining on duty with any alcohol in their systems. Employees are further prohibited from consuming alcohol during working hours, including meal and break periods. This does not include the authorized use of alcohol at company-sponsored functions or activities.

Your employment or continued employment with the company is conditioned upon your full compliance with the foregoing substance abuse policy. Any violation of this policy may result in disciplinary action, up to and including discharge.

Consistent with its fair employment policy, the company maintains a policy of non-discrimination and reasonable accommodation with respect to recovering addicts and alcoholics, and those having a medical history reflecting treatment for substance abuse conditions. We encourage employees to seek assistance before their substance or alcohol use renders them unable to perform their essential job functions or jeopardizes the health and safety of themselves or others. The company will attempt to assist its employees through referrals to rehabilitation, appropriate leaves of absence and other measures consistent with the company's policies and applicable federal, state or local laws.

The company further reserves the right to take any and all appropriate and lawful actions necessary to enforce this substance abuse policy including, but not limited to, the inspection of company issued lockers, desks or other suspected areas of concealment, as well as an employee's personal property when the company has reasonable suspicion to believe that the employee has violated this substance abuse policy.

Although the state has legalized marijuana, the company is not required to allow the use of marijuana in the workplace. Use is strictly prohibited on company property and may result in discipline, up to and including immediate discharge. This policy represents management guidelines. For more information, please speak to the human resource manager.

Odor Management

The greenhouses, hoop house building, and drying/curing/processing building will be equipped with sufficient mechanical ventilation controls including carbon filters within the structures. The proposed operations are not anticipated to cause any odor issues. Please see attached Odor Management Plan for the outdoor cultivation operation.

Signage

No exterior signage distinctive to the cannabis operation is proposed.

Parking/Access

The property site provides ample parking areas for the cultivation operations and are not in conflict with any adjacent properties or uses.

Employee Safety and Training

The proposed operations are agricultural in nature and conducted according to controls in place for the industry. The Employee Handbook provides direction to staff that ensures activities are undertaken only for that which they have been trained for. The pertinent section is excerpted below.

Each Employee's Responsibility

Safety can only be achieved through teamwork at our company. Each employee, supervisor and manager must practice safety awareness by thinking defensively, anticipating unsafe situations and reporting unsafe conditions immediately.

Please observe the following precautions:

1. Notify your supervisor of any emergency situation. If you are injured or become sick at work, no matter how slightly, you must inform your supervisor immediately.
2. Report all workplace injuries as soon as reasonably possible to your supervisor even if no medical treatment is required. It is our sincere hope that you or your coworkers are never injured.
3. The use of alcoholic beverages or illegal substances during working hours will not be tolerated. The possession of alcoholic beverages or illegal substances on the company's property is forbidden.
4. Use, adjust and repair machines and equipment only if you are trained and qualified.
5. Know the proper lifting procedures. Get help when lifting or pushing heavy objects.
6. Understand your job fully and follow instructions. If you are not sure of the safe procedure, don't guess; just ask your supervisor.
7. Know the locations, contents and use of first aid and fire-fighting equipment.
8. Wear personal protective equipment in accordance with the job you are performing.

A violation of a safety precaution is in itself an unsafe act. A violation may lead to disciplinary action, up to and including discharge.

The proposed operations are agricultural in nature and conducted according to controls in place for the industry. No manufacturing, dispensary, or distribution activities are proposed. No public access to the site will occur at any time. At full capacity, the operation will staff no more than 35

employees, which was the most at any one time that historical rose cultivation activities had on the site.

Neighborhood Compatibility

Cannabis cultivation is consistent with previous and current agricultural use of the property and surrounding area. The existing structure was previously used for agricultural purposes and is configured appropriately to meet the intended use. There is no projected increase in noise level from this project.

Wastewater and Green Waste

Hoop house and greenhouse cultivation will not produce any wastewater as all water is used within the planting environment. All green waste consisting of dead and/or stripped of flower plants and soil are composted onsite.

Sewage

No on-site subsurface sewage disposal system will be used. There are two restrooms onsite, and additional portable restrooms will be available with regular service.

Pesticide and Fertilizer Usage

Pesticide and fertilizer usage will be conducted following organic farming practices and in accordance to the County of San Luis Obispo Department of Agriculture standards. The following products will be used for soil and pest control: 0-0-50 sulfate of potash, 1-0-1 Cal-mag, 14-0-0 growers secret nitrogen, algamin, blood meal, bloom-bat guano, calcium mainstay, dipel, forge, gnatrol WDG, Grandevo, H2H 3-2-1 Grow, humega humic acid, liquid potassium, metalosate multimineral, mycotrol, mykos, natures nectar 0-0-5 potassium, natures nectar 0-4-0 phosphorus, Nu-film P, Omni, Silwet, SS SCI suncor soil, trilogy, and worm castings. See attached Chemical List Binder for corresponding material safety data sheets. (25 total)

Setbacks

Land Use Ordinance section 22.40.050 (D)(3)(b) requires outdoor cannabis cultivation sites to be setback 300 feet from all property lines and public rights of way. The cultivation area will be at a 467' foot setback from the Southern property line, 290' foot setback from the Western property line, 100' foot setback from the Northern property line, and a 317' foot setback

from the Eastern property line. The nearest sensitive receptors (schools, parks, libraries, licensed recover facilities, et. al) are located well outside the 1000-foot setback required by 22.30.D.1. Further, the proposed cultivation and nursery uses are over 200 ft. from any offsite residences.

Air Quality

The project is located on an existing agricultural site, with no grading required. There are no predicted air quality impacts, as the carbon filters placed within the buildings related to cannabis cultivation will mitigate any odor.

Screening and Fencing

The parcel is accessed from Eucalyptus Road, a public road that extends to parcels beyond the site. Additional security controls as required by CDFA or BCC as required would be incorporated into existing operations, including perimeter fencing and security cameras at key locations throughout the site. See separate Security Plan for details.

Water Management Plan

The property is in the South Coast Water Planning Area, within the Santa Maria ground water basin (undefined watershed). The project site is served by two existing groundwater wells that have historically served the property for rose cultivation. No import of water is necessary or will occur in association with the proposed cannabis cultivation operations. Limited surrounding agriculture combined with high recharge potentials support the land use of commercial cannabis cultivation.

The projected water usage is as follows:

Figure 3: Water Estimates

Canopy	Gallons / Day	Gallons / Week	Gallons / Harvest	Harvests/ Year	AFY
22,000 sf (Existing Indoor)	5000	30,000 (x 9 weeks for a harvest)	270,000	4	3.31
3 Acres Outdoor*	--	--	588,060	1	1.80

Historical Rose Nursery**	--	140,000 to 210,000	--	--	151
3.51 acre Nursery Plants***	--	--			8.78
22k SF + 3 Acres	Cannabis Cultivation Water Demand			5.11 AFY	
	Historical Comparable Use			8.78-151 AFY	
<i>*Outdoor water use extrapolated from Central Coast Regional Water Quality Control Board (RWQCB) Cannabis Development Team estimate of 0.03 gal/sf canopy/day @ 150 days per year for a seasonal harvest</i>					
<i>**Historical Rose Nursery actual water use information provided by property owner for use of all greenhouses.</i>					
<i>***Off-Site Ag Offset Clearance for Paso Groundwater Basin is 2.5 Acre Feet/Acre/Year for Nursery Plants.</i>					

The daily average anticipated for the year: 5,000 gallons per day (6 days a week), or 30,000 gallons per week for the indoor cultivation. This is a major reduction compared to the prior water usage for rose cultivation, which ranged from 140,000 gallons to 210,000 gallons per week.

Energy Use

The existing power source that was used for the rose crops is a 600 amp 3 phase 480 supply. A PG&E upgrade is in process to add 1,500-2,000 amp of 3 phase 480. There is an existing meter and co-generation facility.

Power necessary for the 22,000 sq. ft. mixed-light grow is 1,700 amps at 240 volts to add grow lights to the greenhouse. Current operation consists of light deprivation only, with no artificial lighting.


Energy demand will be 8.3 watts per foot once artificially lighted.

Safety Data Sheet

101 North Main Street • Clearfield • Utah 84015 / P.O. Box 750 • Clearfield • Utah 84089 • USA • (801)773-4631 • (800)453-2406 • Fax (801)773-4633
www.AlbionMinerals.com

Product Name: Metalosate® Multimineral™ Amino Acid Soluble Powder **Revision Date:** 24-Aug-2015

Product Number: 08727

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		
Product Name	Metalosate® Multimineral™ Amino Acid Soluble Powder	
Product Description	Organic mineral foliar supplement	
Manufacturer's Name	Albion Laboratories, Inc.	
Address	101 North Main Street, Clearfield, Utah 84015	
Emergency Telephone Number	(801) 773-4631	
Telephone Number for Information	(801) 773-4631	
2. HAZARDS IDENTIFICATION		
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Skin Irritation (Category 2), H315 Serious Eye Damage (Category 1), H318 Specific target organ toxicity – repeated exposure (Category 2), H373 Acute Aquatic toxicity (Category 1) H 400 (M factor (self-classification) = 10) Chronic Aquatic toxicity (Category 1), H 410 (M factor (self-classification) = 10)	
Pictogram		
Signal Word	Danger	
Hazard statement (s)	H315 Causes skin irritation H318 Causes serious eye damage H373 May cause damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects	
Precautionary statement(s)	P260 Do not breathe dust/powder P264 Wash skin thoroughly after handling P270 Do not eat, drink or smoke when using this product P280 Wear protective gloves/ eye protection/ face protection P314 Get medical advice/attention if you feel unwell P305 + P351 +P338 +P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CNETER or doctor/physician P391 Collect spillage P501 Dispose of contents/container to an approved waste disposal plant	
Hazards not otherwise classified (HNOC) or not covered by GHS	None	
3.COMPOSITION / INFORMATION ON INGREDIENTS		
Proprietary Blend of	Calcium amino acid chelate, magnesium amino acid chelate, iron amino acid chelate	
	Hazardous Component	Classification
	Zinc amino acid chelate	Skin Irritation (Category 2), H315
	Copper amino acid chelate	Serious Eye Damage (Category 1), H318
	Manganese amino acid chelate	Specific target organ toxicity – repeated exposure (Category 2) Acute Aquatic toxicity (Category 1), H400 Chronic Aquatic toxicity (Category 1), H410
Approx. % by WT	100%	
4. FIRST AID MEASURES		
Eyes	Irrigate thoroughly with water for at least 10 minutes. If any discomfort persists obtain medical attention	
Skin	Wash skin thoroughly with water. Remove contaminated clothing and wash before reuse. In severe cases obtain medical attention.	
Ingestion	Wash out mouth thoroughly with water. Obtain medical attention.	

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Page 1 of 3

product and technical information



P.B.Ohrstrom & Sons, Inc. P.O. Box 964, Arlington Heights, IL 60006 847-956-8828 fax 847-364-7374 www.pbohrstrom.com

Safety Data Sheet

Algamin AQ

1. IDENTIFICATION

TRADE NAME: Algamin AQ
SYNONYMS: Ohrstrom's Algamin AQ, Algamin AQ Liquid Seaweed Extract
PRODUCER: P. B Ohrstrom & Sons, Inc.
ADDRESS: 900 Lively Blvd.
CITY, STATE & ZIP CODE: Elk Grove Village, IL 60007
TELEPHONE: 847-956-8828
FAX: 847-364-7374
CONTACT PERSON: Tom Ohrstrom
EMERGENCY TELEPHONE: 847-956-8828
RECOMMENDED USES: Fertilizer and foliar nutrient
RESTRICTIONS ON USE: None

2. HAZARD IDENTIFICATION

HAZARD CLASSIFICATION: Non-hazardous and non-toxic. This product does not require special labeling.
SAFETY PRECAUTIONS: Wear suitable protective eye protection and clothing due to staining.

3. COMPOSITION OF PRODUCT

No.	Ingredients Name	CAS-NO	Cons. (weight %)	Classification
1	Ascophyllum nodosum seaweed	84775-78-0	100%	IK

LEGEND: T+ = Very Toxic, T = Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, IK = No Classification Required, E = Explosive, O = Oxidizing, F+ = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dangerous to Environment, Mu = Genetoxic, Sens = Sensitizing, Care = Carcinogen, Repr = Causes Birth Defects

4. FIRST AID MEASURES

GENERAL: Non-toxic. If irritation persists, seek medical advice from a physician.
EYE CONTACT: Immediately flush eyes with plenty of water for 5 minutes or as long as necessary. Keep eyes wide open while flushing. Seek medical attention if irritation persists.
SKIN CONTACT: Wash with mild soap and water. Seek medical attention if discomfort persists.
INHALATION: Do not intentionally breathe vapors. Ventilate the area well and go to an open space.

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF PRODUCT

Manufacturers Name Dr. Earth Company P.O. Box 460 Winters, CA 95694	Emergency Phone Number (707) 448-4676 Fax: (707) 448-4760
---	---

Trade Name & Synonyms
 Dr. Earth® Bat Guano 10-3-1

Chemical Name & Synonyms Fertilizing Compounds	Chemical Family Organic Solid
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SECTION II – HAZARDOUS INGREDIENTS OF MIXTURES

Component	%
Total Nitrogen (N)	10.0
10.0 % Water insoluble organic nitrogen	
Available Phosphoric acid (P205)	3.0
Soluble Potash (K20)	1.0
Calcium (Ca)	—
Magnesium (Mg)	—
Sulfur (S)	—
Inert Ingredients	86.0

SECTION III – PHYSICAL DATA

Appearance & Odor: Dry granular, powdery, dark brown to light brown in color.		
Boiling Point (Degrees Fahrenheit) N/A	Specific (Water = 1) N/A	Bulk Density N/A
Vapor Pressure (MM of Mercury) N/A	Percent Volatile (By Volume) N/A	
Vapor Density (Air = 1) N/A	Evaporation Rate (Butyl acetate = 1) N/A	
Solubility in Water Approx. 50% by Weight		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Specify Method/Degrees F) N/A	Flammable Limits % by Volume	Lower N/A	Upper N/A
Fire Extinguishing Media: Use that which is appropriate for the surrounding fire.			
Special Fire Fighting Procedures: Wear bunker gear & a self-contained breathing apparatus.			

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

- Product Name:	Bio-Forge
- Manufacturing Number:	Not available
- Producer:	Stoller Enterprises P.O. Box 2347 Parklands 2121 South Africa
- Telephone Number:	+27 (0)82 921 8428
- Fax No:	+27 (0) 865 476 711
- Email:	jonathan@mbfi.co.za
- Supplier:	MBF International cc

2. Information on the Composition of Ingredients

- Product Description:	Plant growth regulator. Ingredients include Urea, potassium hydroxide and an inert carrier.
- Dangerous Ingredients:	None.

3. Hazardous Identification

- Possible Hazards:	May cause severe irritation to eyes and skin if contact occurs. Harmful if ingested, may cause nausea, gastrointestinal damage or even death.
---------------------	---

4. First Aid Measures

- Inhalation:	Remove from exposure area from mists or in the event of massive inhalation. Seek medical attention if any reaction or adverse effects are noticed.
- Skin Contact:	Rinse thoroughly with soap and water. Seek medical attention if irritation occurs or if an allergic reaction is noticed.
- Eye Contact:	Rinse slowly and gently with water for 15-20minutes. Seek medical attention if irritation occurs or if an allergic reaction is noticed.
- Ingestion:	Sip water. Seek medical attention if any reaction or adverse effects are noticed.

MATERIAL SAFETY DATA SHEET

Blood Meal

Latest update: Jan 19,2013

PRODUCT IDENTIFICATION

Name: Blood Meal
Chemical Description: Fertilizing Compounds; NPK: 12-0-0
Company: Applied Organic Solutions Inc (208) 346-7194

PHYSICAL /CHEMICAL CHARACTERISTICS

Specific Gravity: 0.47
pH: N/A
Solubility in water: 1-5%
Appearance: red powder
Odor: Not distinctive

FIRE AND EXPOLSION DATA

Flash Point Non-combustible
Flammable limits: Smolders when directly heated in flame
Extinguishing media: Water, CO2
Special firefighting procedures: No special methods required

REACTIVITY DATA

Stability Stable at normal temperatures and pressures.
Conditions to avoid: Contact w/ strong oxidants, aluminum, diazomethane, phosphorus; winds.
Incompatibility: Contact with strong oxidizing agents.
Hazardous decomposition: Carbon monoxide, carbon dioxide.
Hazardous polymerization: Has not been reported.

SAFETY DATA SHEET
Earth Juice Elements Cal-N-Mag

1. Product And Company Identification

Product Name: Earth Juice Elements Cal-N-Mag
Product Use: Liquid Plant Nutrient

Material Number(s): 100209952, 100209953, 100209954, 100209956,
100209959, 100209955, 100209958, 100209957

Responsible Party: OGM-Hydro Organics Wholesale, Inc.
295 Convair Avenue
Chico, CA 95973-9013

Information Phone Number: 1-530-680-7235 (Consumer Inquiries)
Emergency Phone Number: 1-800-305-1446 (Human or Animal Exposure)
Transportation Emergency: 1-800-424-9300 (CHEMTREC) (US)
1-703-527-3889 (CHEMTREC: Outside US, Collect calls accepted)

E-mail: info@hydro-organics.com

Date of Preparation: March 10, 2016

2. Hazards Identification

GHS/OSHA HazCom2012 Classification:

Physical:	Health:
Non-Hazardous	Eye Damage Category 1

GHS/OSHA HazCom2012 Label Elements:



Danger!

Statements of Hazard
Causes serious eye damage.

Precautionary Statements
Prevention
Wash thoroughly after handling.
Wear eye protection and face protection.
Response
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.

Hazards not otherwise specified: None

3. Composition/Information On Ingredients



SAFETY DATA SHEET

1 of 11

DiPel DF Biological Insecticide Dry Flowable

SDS# VBC-0031 Revision 0

ISSUED 04/26/15

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1 Product Identifier

MATERIAL NAME: DiPel DF Biological Insecticide Dry Flowable

Synonyms: Dipel WG, DiPel WDG, Bactospeine WG, DiPel Pro DF. DiPel 6.4 WG, Bactospeine DF, BioMax DF, BioBit DF

EPA Reg No.: 73049-39

Code Number: 80250

List Number: 12046

Chemical Family: Microbial, B.t.k. strain ABTS-351

Substance Registration Number(s)[REACH]: N/A

1.2 Relevant Identified Uses and Uses Advised Against

Identified Uses: Agricultural Insecticide

Uses Advised Against: It is a violation of Federal law to use this product in a manner inconsistent with its FIFRA pesticide labeling.

1.3 Details of the supplier of the Safety Data Sheet

Supplied By: Valent BioSciences Corporation
870 Technology Way
Libertyville, Illinois 60048

1.4 EMERGENCY TELEPHONE NUMBERS

Emergency Health or Spill:

Outside the United States: 651-632-6184

Within the United States: 877-315-9819

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Not Classified

2.2 Labeling Elements

Symbol(s)

Symbols not required

Signal Word

WARNING

Hazard Statement(s)



Gnatrol® WDG

BIOLOGICAL LARVICIDE

 FOR ORGANIC PRODUCTION

Active Ingredient:

Bacillus thuringiensis, subsp. *israelensis*, strain

AM 65-52 fermentation solids and solubles 37.4%

Other Ingredients 62.6%

Total 100.0%

[Potency: 3000 International Toxic Units (ITU) per mg].

Equivalent to 1.36 billion ITU/lb.

The percent active ingredient does not indicate product performance and potency measurements are not Federally standardized.

EPA Reg. No. 73049-56

EPA Est. No. 33762-IA-001

List No. 60215

INDEX:

- 1.0 First Aid
- 2.0 Precautionary Statements
 - 2.1 Hazard to Humans (and Domestic Animals)
 - 2.2 Personal Protective Equipment (PPE)
 - 2.3 User Safety Recommendations
 - 2.4 Environmental Hazards
- 3.0 Storage and Disposal
- 4.0 Agricultural Use Site Directions For Use
- 5.0 Agricultural Use Requirements
- 6.0 Chemigation
- 7.0 Application Directions
- 8.0 Notice to User

KEEP OUT OF REACH OF CHILDREN

CAUTION

1.0

FIRST AID

If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If in Eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-89-VALENT (898-2536).

2.0 PRECAUTIONARY STATEMENTS

2.1 HAZARD TO HUMANS (AND DOMESTIC ANIMALS) CAUTION

Harmful if inhaled. Avoid breathing dust. Remove contaminated clothing and wash before reuse. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

2.2 Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Mixer/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

2.3 User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

2.4 Environmental Hazards

For terrestrial uses: Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply directly to treated finished drinking water reservoirs or drinking water receptacles intended for human consumption.

3.0 STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in cool [59-86°F (15-30°C)], dry place.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SAFETY DATA SHEET**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: **GRANDEVO[®]** (synonym: MBI-203 DF)

REGISTRATION NO: 84059-17

MANUFACTURER: Marrone Bio Innovations

ADDRESS: 1540 Drew Avenue, Davis CA, 95618

EMERGENCY PHONE: **INFOTRAC Chemical Response System**
US and Canada 1-800-535-5053 (24 hours)
International 1-352-323-3500 (24 hours)

OTHER CALLS: Marrone Bio Innovations 530-750-2800 (9am to 5 pm PST)

FAX PHONE: Marrone Bio Innovations 530-750-2808

PRODUCT USE: Bio-based Insecticide/ bio-protectant

SECTION 2: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

EMERGENCY OVERVIEW: Potential Irritant

HAZARD SYMBOLS:

Pictogram



Signal Word Warning

HAZARD STATEMENT: This product is potentially irritating to respiratory tract, eyes and skin for some individuals.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation

PRECAUTIONARY STATEMENTS

P261 Avoid breathing fume/gas/mist/vapors/spray

P281 Use personal protective equipment as required.

P284 Wear respiratory protection

POTENTIAL ROUTES OF ENTRY: Oral, eye, and inhalation.

Safety Data Sheet
Grower's Secret Nitrogen 14-0-0
According to Regulation (EC) No.
1907/2006 (as amended)

Section 1: Identification	
Product Name:	Grower's Secret Nitrogen 14-0-0
Manufacturer:	Grower's Secret Inc. 1550 Parkside Drive Suite 220 Walnut Creek, CA 94596
Phone:	(888) 217-9426 X 101
Emergency Phone:	(888) 217-9426 X 101
Recommended Use:	Crop Fertilizers and Soil Amendments
Restrictions on Use:	Agricultural Use Only
Section 2: Hazard(s) Identification	
Hazard Classification:	NA. This product does not meet the physical, health, or environmental classification criteria of GHS (Globally Harmonized System).
Signal Word:	Caution
Pictogram:	Health (Blue) 1, Flammability (Red) 0, Reactivity (Yellow) 0, Special (White) ----
Fire and Explosion:	Not considered flammable or combustible, but this product will burn if involved in a fire.
Precautionary Statements:	Grower's Secret Nitrogen 14-0-0 is a light micronized powder produced from enzymatically digested soy meal. Sensitive individuals should wear protective clothing and avoid inhalation/ingestion.
Environmental Hazards:	This product is not classified as dangerous to the environment.
Section 3: Composition/Information on Ingredients	
Ingredients:	Hydrolyzed Soy Meal.
CAS No.	68308-36-1
Section 4: First-Aid Measures	
General Information:	Product is generally safe to handle and no medical attention is needed.
Eye:	Flush immediately with water.
Skin:	Rinse with water.
Inhalation:	NA
Ingestion:	NA
Additional Statement:	Individuals with allergy or sensitivity to ingredients should seek medical attention.



MATERIAL SAFETY DATA SHEET

Harvest-to-Harvest™ Organic - Organic Liquid Soil Amendment

1. Product Identification

Manufacturer Information: California Safe Soil, LLC
1030 Riverside Parkway ; Suite 135
West Sacramento, CA 95605
(917) 266 – 2398

Trade Name: Harvest-to-Harvest™
Synonyms: Food Hydrolysate
CAS No.: Mixture
Chemical Family: N/A

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Food Hydrolysate	100209-45-9	96 – 97%	No
Lactic Acid 88%	79-33-4	3-4%	No

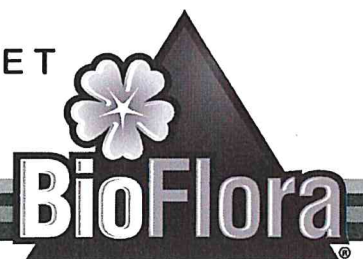
3. Hazards Identification

NFPA



MATERIAL SAFETY DATA SHEET

Humega®



Nurturing the Partnership Between Crops and Soil

EMERGENCY ASSISTANCE

For emergency assistance involving Humega®, please call Global Organics® at (623) 932-1522 or (800) 471-1522. For product and sales information contact Global Organics® at (888) BioFlora.

PRODUCT IDENTIFICATION

Product Name: Humega®
Common Names/Synonyms: Humic Acid

HAZARDOUS INGREDIENTS / IDENTITY

Complies with OSHA 29 CFR XV11-1910, 1200 Section (1) "trade secrets". Contains no hazardous components under OSHA definitions.

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point, degrees F: >212° 1 AMT
Specific Gravity (H₂O=1): 1.054
Avg. Weight per Gallon: 8.8 lb
Solubility in water: 96%
Reactivity in water: N/A
Appearance and odor: Black liquid, slight odor
Avg. pH: 8.6

FIRE & EXPLOSION DATA

Flash Point: None
Auto-ignition temp: None
Special fire procedures: None
Extinguisher media: N/A
Usual fire and explosion hazards: None

PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable
Conditions to avoid: None known
Incompatibility (materials to avoid): Sulfur and calcium products.
Hazardous decomposition products: None known
Hazardous polymerization: None known

SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

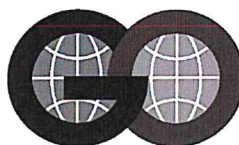
Local exhaust / ventilation: Normal.
Mechanical: N/A
Respiratory protection: None required.
Protective Gloves: Recommended.
Eye Protection: Advisable.
Other protective clothing or equipment: Not required.
Work hygienic practices: Normal industrial hygiene.

HEALTH HAZARDS

Acute: N/A
Chronic: N/A
Signs & symptoms of exposure: May dry out sensitive skin after prolonged contact, will stain skin.
Medical conditions generally aggravated by exposure: None
Chemical listed as carcinogen or potential carcinogen: None
National toxicology program: No
I.A.R.C. Monographs: No
OSHA: No
Emergency & First Aid procedures:
Routes of entry:
Inhalation: None
Eyes: Rinse thoroughly with water for 5 minutes; see physician if needed.
Skin: None
Ingestion: Dilute with water; see physician.

SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

Precautions for handling & storage: Shake well or rotate before use. In case of accidental exposure, flush with water.
Other precautions: Product is non-hazardous.
Steps for released or spilled: Area of spill may become slippery, product will stain skin, clothes, masonry, concrete, wood.
Waste disposal methods: Dispose of material in accordance with all local, state and federal laws and regulations; no special requirement known.



Global Organics^{LLC}
The way the world is going.[®]

REFERRAL -- Page 33 of 53

Safety Data Sheet (SDS)

OSHA Haz Com Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Printing date 02/24/2014

Reviewed on 02/24/2014

1 Identification

- **Product identifier**
- **Trade name:** Mainstay Calcium
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Redox Chemicals LLC
130 South 100 West
PO Box 129
Burley, ID 83318
Phone: 208-678-2610
Fax: 208-677-3609
- **Emergency telephone number:** 208-431-2314

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Non-Regulated Material
- **Hazard pictograms** Non-Regulated Material
- **Signal word** Non-Regulated Material
- **Hazard statements** Non-Regulated Material
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

3 Composition/information on ingredients

- **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

7440-70-2	calcium	⚠ Water-react. 2, H261	15-35%
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4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Give large amounts of water. If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

(Contd. on page 2)



MATERIAL SAFETY DATA SHEET

Section I – PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Mycotrol® O** Issue Date: 6/2015
EPA Registration No.: 82074-3
Recommended Use: Biological insecticide
Manufacturer: **LAM International Corporation**
117 South Parkmont
Butte, MT 59701 USA
(406) 782-2386 Tel. (406) 782-9912 Fax
Emergency Phone Number Chemtrec: 800-424-9300
EPA National Response Center: 800-424-8802

Section II – HAZARDS IDENTIFICATION

Hazard Statement: Causes moderate eye irritation. Harmful if absorbed through the skin, inhaled or swallowed.
Eyes: Causes substantial, but temporary eye damage; eye irritant.
Inhalation: Potential allergen.
Ingestion: Do not ingest. Harmful if swallowed.
Skin Contact: Excessive skin contact may cause itching.
Precautionary Statement: Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.
Other Precautions: Potentially pathogenic to honey bees.

Section III – COMPOSITION / INGREDIENT INFORMATION

Chemical & Synonyms Names: None CAS No.
Biological Family: *Beauveria bassiana* Conidia: 10.9% Not Applicable
Inerts (Proprietary): 89.1% Not Applicable to Mixtures

Section IV – FIRST AID MEASURES

If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing.• Call poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 – 20 minutes.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.

Note to physician: No specific antidote. Treat symptomatically.

Section V – FIRE AND EXPLOSIVE HAZARD DATA

Flash Point: 182°C (360°F)
LoI Flammable Limits: 0.9%
UoI Flammable Limits: 7%
Auto ignition Temperature: Not available
Flammability Classification: Not available
Known hazardous Products of Combustion: Not known
Properties that Initiate/Contribute to Intensity of Fire: Not known



Safety Data Sheet

Section 1: Identification

Product Name: Xtreme Gardening Mykos mycorrhizal inoculant

Recommended Use: Soil amendment

Manufacturer Information:

Reforestation Technologies International
5355 Monterey Frontage Rd.
Gilroy, Ca 95020
(408) 848-9604

Section 2: Hazard(s) Identification

Hazard Rating: 0

Precautionary Statements: Ingredients can irritate eyes. No incidents have been reported of skin irritation. For health emergencies, call your local poison control center.

Section 3: Composition/ Information on Ingredients

Chemical Name: Auxiliary biotic soil and plant substance arbuscular mycorrhizae (species rhizophagus intraradices)

Common Name: Mycorrhizal inoculant

Chemical Abstracts Services (CAS):

CAS#	Component
None	Rhizophagus Intraradices
7631-86-9	Hydrated silica
None	Calcined Clay

MATERIAL SAFETY DATA SHEET

Nature's Nectar 0-4-0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Nature's Nectar 0-4-0

Company Identification

Name: Agrowchem Inc.

Address: 605 Justus Drive, Kingston, Ontario, Canada, K7M 4H5

Telephone: 613-384-8882

Website: www.agrowchem.com

Fax: 613-384-0662

Email: info@agrowchem.com

SECTION 2: COMPOSITION/INFORMATION OR INGREDIENTS

CHEMICAL NAME	CAS No.	%W/W
Calcium	Not applicable	1.4%
Available phosphate (P ₂ O ₅)	Not applicable	4.0%

SECTION 3: HAZARD IDENTIFICATION

Avoid breathing mists by using adequate ventilation. Reduce material contact by wearing gloves when handling material for extended periods or by washing hands after use. Minimize material contact during application of lawn/garden products by wearing long pants, shoes, and socks. Avoid eye contact with any foreign body and do not ingest product. Keep out of reach of children.

SECTION 4: FIRST AID MEASURES

<u>EYES</u>	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses. If present, after the first 5 minutes, then continue rinsing eyes.
<u>SKIN</u>	Remove contaminated clothing and wash all exposed skin surfaces thoroughly with soap and water. If irritation develops, see a physician.
<u>INGESTION</u>	If victim is conscious, induce vomiting followed by bicarbonate of soda in water. Get immediate medical assistance.
<u>INHALATION</u>	Remove from exposure. If irritation develops, see a physician.

SECTION 5: FIRE-FIGHTING MEASURES

<u>EXTINGUISHING MEDIA</u>	Water base does not support combustion. Use water spray to cool container.
<u>SPECIAL FIREFIGHTING PROCEDURES</u>	Use self-contained air supply.
<u>UNUSUAL FIRE & EXPLOSION HAZARDS</u>	May emit toxic smoke and vapors if heated to decomposition.

MATERIAL SAFETY DATA SHEET

Nature's Nectar 0-0-5

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Natures Nectar Kelp Extract 0-0-5

Company Identification

Name: Agrowchem Inc.

Address: 605 Justus Drive, Kingston, Ontario, Canada, K7M 4H5

Telephone: 613-384-8882

Website: www.agrowchem.com

Fax: 613-384-0662

Email: info@agrowchem.com

SECTION 2: COMPOSITION/INFORMATION OR INGREDIENTS

CHEMICAL NAME	CAS No.	%W/W
Kelp Extract	Not applicable	30%

SECTION 3: HAZARD IDENTIFICATION

Avoid breathing mists by using adequate ventilation. Reduce material contact by wearing gloves when handling material for extended periods or by washing hands after use. Minimize material contact during application of lawn/garden products by wearing long pants, shoes, and socks. Avoid eye contact with any foreign body and do not ingest product. Keep out of reach of children.

SECTION 4: FIRST AID MEASURES

<u>EYES</u>	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses. If present, after the first 5 minutes, then continue rinsing eyes.
<u>SKIN</u>	Remove contaminated clothing and wash all exposed skin surfaces thoroughly with soap and water. If irritation develops, see a physician,
<u>INGESTION</u>	If victim is conscious, induce vomiting followed by bicarbonate of soda in water. Get immediate medical assistance.
<u>INHALATION</u>	Remove from exposure. If irritation develops, see a physician.

SECTION 5: FIRE-FIGHTING MEASURES

<u>EXTINGUISHING MEDIA</u>	Water base does not support combustion. Use water spray to cool container.
<u>SPECIAL FIREFIGHTING PROCEDURES</u>	Use self-contained air supply.
<u>UNUSUAL FIRE & EXPLOSION HAZARDS</u>	May emit toxic smoke and vapors if heated to decomposition.



Nu-Film-P®
Safety Data Sheet According to Regulation (EC) 1907/2006

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Name: Nu-Film-P®

Other names:

Applicable REACH registration number(s):

- principal component, 01-2119488053-38
- other components, see section 3 below.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Intended use: Agricultural/horticultural spray adjuvant.

1.3 Details of the supplier of the safety data sheet

Manufacturer: Miller Chemical & Fertilizer Corporation,
P.O. Box 333, Radio Road, Hanover, Pennsylvania 17331, USA.

Email: andysmith@millerchemical.com

Telephone number: +44 (0) 7771 893 006 (not 24h)

1.4 Emergency telephone number

+44 (0) 7771 893 006 (not 24h)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

CLP Classification (Regulation (EC) 1272/2008):

- Skin Irritant Category 2
- Skin Sensitisation Category 1
- Aquatic Acute Category 1
- Aquatic Chronic Category 1

DSD Classification (67/548/EEC):

- Xi; R38 (Irritating to skin)
- R43 (May cause sensitisation by skin contact)
- N; R50-53 (Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment).



SAFETY DATA SHEET

OMNI

Section 1. Identification

GHS product identifier : OMNI
Product code : 53-X 003 (500ml), 53-X 006 (5L), 53-X 007 (20L), 53-X 008 (208L)
SDS no. : L-74E
Product type : Liquid.

Identified uses

Cleaner / Lubricant / Protector

Manufacturer : Walter Surface Technologies Inc.
Bio-Circle - A Division of Walter Surface Technologies Inc.
810 Day Hill Road
Windsor, CT 06095
United States
General Information: 18665925837
info.us@walter.com
www.walter.com

Emergency telephone number (with hours of operation) : INFOTRAC® 1-800-535-5053, Outside U.S.A. call collect: 1-352-323-3500
24 hours/day, 7 days/week.

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : ASPIRATION HAZARD - Category 1

GHS label elements

Hazard pictograms



Signal word : Danger

Hazard statements : H304 - May be fatal if swallowed and enters airways.

Precautionary statements

Prevention : Not applicable.

Response : P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.

Storage : P405 - Store locked up.

Disposal : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified : None known.



SAFETY DATA SHEET

M1251 - ANSI - EN



LIQUID POTASSIUM CARBONATE

SDS No.: M1251

SDS Revision Date: 02-Oct-2014

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Identification: Armand Products Company
469 North Harrison Street
Princeton, NJ 08543-5297

24 Hour Emergency Telephone Number: 1-800-733-3665 or 1-972-404-3228 (USA); CHEMTREC (within USA and Canada): 1-800-424-9300; CHEMTREC (outside USA and Canada): +1 703-527-3887; CHEMTREC Contract No: CCN16186

To Request an SDS: MSDS@oxy.com or 1-972-404-3245

Customer Service: 1-800-522-0540 or 1-609-683-5900

Product Identifier: LIQUID POTASSIUM CARBONATE

Trade Name: Potassium Carbonate

Synonyms: Pearlash, Potash, PotCarb

Product Use: Process cleaner, Cleaner

Uses Advised Against: None identified.

2. HAZARDS IDENTIFICATION

OSHA REGULATORY STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

EMERGENCY OVERVIEW:

Color: Colorless



MATERIAL SAFETY DATA SHEET

Version: 1.9
04/23/2012

Silwet* L-77 Siloxane Polyalkyleneoxide Copolymer

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Name: Sistersville Plant
3500 South State Route 2
FRIENDLY WV 26146

Revised: 04/23/2012

Prepared by: Product Regulatory Compliance

CHEMTREC: 1-800-424-9300

MSDS Contact Information: 1-888-443-9466
4information@momentive.com

Chemical Family/Use: Surfactant

Formula: Polyalkyleneoxide Modified Heptamethyltrisiloxane

HMIS

Health:	2	Flammability:	1	Reactivity:	0
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NFPA

Health:	2	Flammability:	1	Reactivity:	0
---------	---	---------------	---	-------------	---

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Aerosol harmful if inhaled. Causes eye irritation. Repeated ingestion may cause damage to the liver, kidneys, thyroid, and blood-forming system. Repeated inhalation of aerosol of the neat liquid may cause damage to the eyes, blood-forming system, kidneys, thymus, respiratory tract, and nasal cavity.

Form: Liquid

Color: Pale yellow

Odor: Polyether

POTENTIAL HEALTH EFFECTS

INGESTION

Effects of repeated overexposure: Ingestion may cause: - injury to the liver - injury to the thyroid - injury to the kidney - injury to the bloodforming system

SKIN

None known. Effects of repeated overexposure: May cause the following effects: Skin irritation.

INHALATION

Harmful effects are not expected from static vapor at ambient temperature. Inhalation of an aerosol of the neat material within a confined space could result in respiratory distress and eye injury.

Effects of repeated overexposure: Aerosol may cause: - injury to the eyes - injury to the nasal cavity - injury to the bloodforming system

Sulfate of Potash Granular 0-0-50

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Substance
Substance name : Sulfate of Potash Granular 0-0-50
Product code : M13010

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

JR Simplot Company
Boise, ID 83707
T 1-208-336-2110

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Name : Sulfate of Potash Granular 0-0-50

Name	Product identifier	%	Classification (GHS-US)
potassium sulfate	(CAS No) 7778-80-5		Not classified

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available



Section 1 - Identification of The Material and Supplier

Adama Australia Pty Ltd,
Suite 1, Level 4, Building B
207 Pacific Highway St Leonards, NSW 2065
ACN 050 328 973

Telephone (02)9431 7800 (office hours)
Emergency 1800 024 973 (24 hours)
Fax (02)9431 7700

Chemical nature: Trifluralin is a 2,6-dinitroaniline derivative
Trade Name: Trilogy Herbicide
APVMA Code: 60460
Product Use: Agricultural herbicide for use as described on the product label.
Creation Date: December, 2005
This version issued: February, 2017 and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Hazardous according to the criteria of SWA Australia.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria, but is a C1 Combustible liquid and, for storage, meets the definition of a Dangerous Good.

SUSMP Classification: S5

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated



GHS Signal word: WARNING

Skin Sensitisation Category 1

Carcinogenicity Category 2

Hazardous to aquatic environment Short term/Chronic Category 1

HAZARD STATEMENT:

H317: May cause an allergic skin reaction.

H351: Suspected of causing cancer.

H410: Very toxic to aquatic life with long lasting effects.

PREVENTION

P102: Keep out of reach of children.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing fumes, mists, vapours or spray.

P262: Do not get in eyes, on skin, or on clothing.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P363: Wash contaminated clothing before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P308+P313: If exposed or concerned: Get medical advice.

P333+P313: If skin irritation or rash occurs: Get medical advice.

P391: Collect spillage.

STORAGE

P405: Store locked up.

DISPOSAL

P501: Dispose of contents and containers as specified on the registered label.

SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET



CALIFORNIA SOILS, INC.

PO Box 345

Westley, CA 95387

For Health, Safety and Environmental Information call: 209-835-9530

SECTION I. IDENTIFICATION

Product Name: Cascade Organic Worm Castings

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Component: Nuisance particulate of variable composition

<u>Exposure Limits:</u>	OSHA PEL	ACGIH TLV
	Respirable mass	5mg/m ³
	Total mass	15 mg/m ³

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: Brown, fibrous, growing media, earthy odor

Boiling Point: Not applicable

Vapor Pressure: Not applicable

Solubility in Water: Not applicable

Specific Gravity (H₂O)=1): Bulk density of 0.15 g/cc

Melting Point: Not applicable

Evaporation Rate: Not applicable



Parcel Information

APN: 091-311-032

Assessee: KOCH CALIF LTD

Care Of:

Address: PO BOX 1127 NIPOMO
CA 93444

Description: RHO NIP RESUB LT 15 PTN LT 9

Site Address:
00662 EUCALYPTUS RD

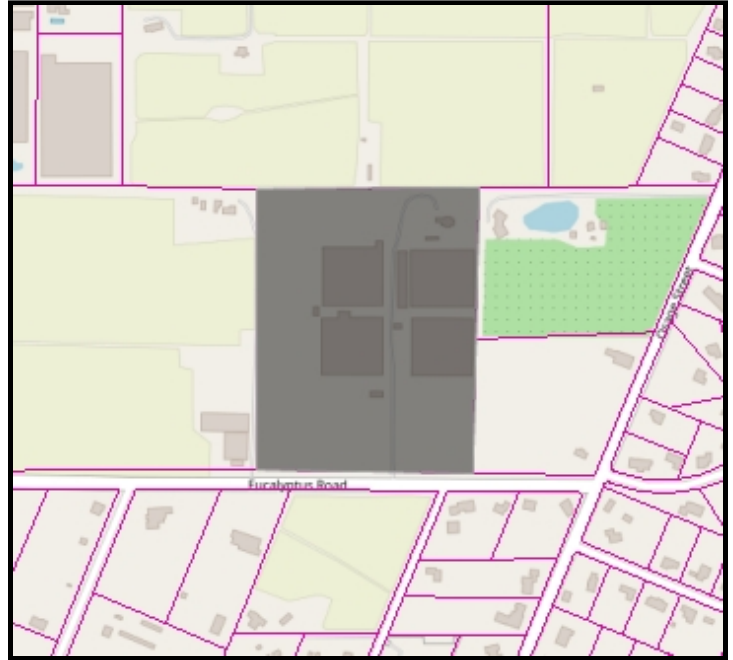
Tax Rate Area Code: 052041

Estimated Acres: 28.57

Community Code: SCSC

Supervisor District: Supdist 4

Avg Percent Slope: 3

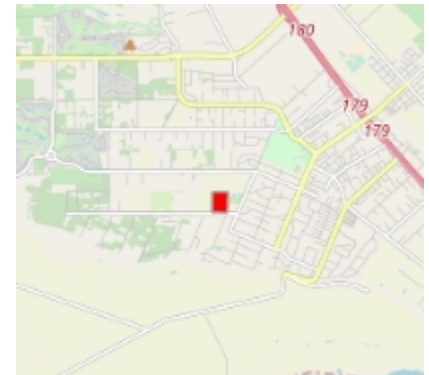


Selected Parcel

Land Use Information

Land Uses Combining Designations

AG	
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Parcel location within San Luis Obispo County

Permit Information

Permit	Description	Application Date
DRC2018-00163	Land Use	8/30/2018 3:04:17 PM
SEP2017-00257	CCM - Condition Compliance Monitoring	1/19/2018 12:00:00 AM
SEP2016-00218	CCM - Condition Compliance Monitoring	12/16/2016 12:00:00 AM
CCM2016-00252	CCM - Condition Compliance Monitoring	11/16/2016 2:46:07 PM
AGP2004-00008	Conservation	2/2/2005 12:00:00 AM



Parcel Summary Report

APN: 091-311-032

C2032	PMTR - Residential Permit	12/14/2000 12:00:00 AM
A8238	PMTC - Commercial Permit	8/13/1998 12:00:00 AM
A6893	PMTR - Residential Permit	8/13/1998 12:00:00 AM
PMT2002-25365	PMTC - Commercial Permit	10/22/1996 12:00:00 AM
G840014P	Long Range Planning	5/14/1996 12:00:00 AM
96273	PMTR - Residential Permit	8/10/1995 12:00:00 AM
94233	PMTC - Commercial Permit	6/27/1994 12:00:00 AM
PMT2002-24290	PMTR - Residential Permit	6/27/1994 12:00:00 AM
94232	PMTC - Commercial Permit	6/17/1994 12:00:00 AM
94182	PMTR - Residential Permit	5/18/1994 12:00:00 AM
PMT2002-24291	PMTR - Residential Permit	5/18/1994 12:00:00 AM
PMT2002-24292	PMTC - Commercial Permit	5/18/1994 12:00:00 AM
92409	PMTG - Grading Permit	11/5/1992 12:00:00 AM
PMT2002-22799	PMTR - Residential Permit	7/19/1991 12:00:00 AM
PMT2002-22798	PMTR - Residential Permit	7/19/1991 12:00:00 AM

Clerk Recorder Documents

Clerk Document	Date	Document Type
2003-I-003292	11/12/2003	C

Interactive Data Viewer



Legend

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

-752.33 0 376.17 752.33 Feet 1: 4,514

WGS_1984_Web_Mercator_Auxiliary_Sphere
 © County of San Luis Obispo Planning and Building Department



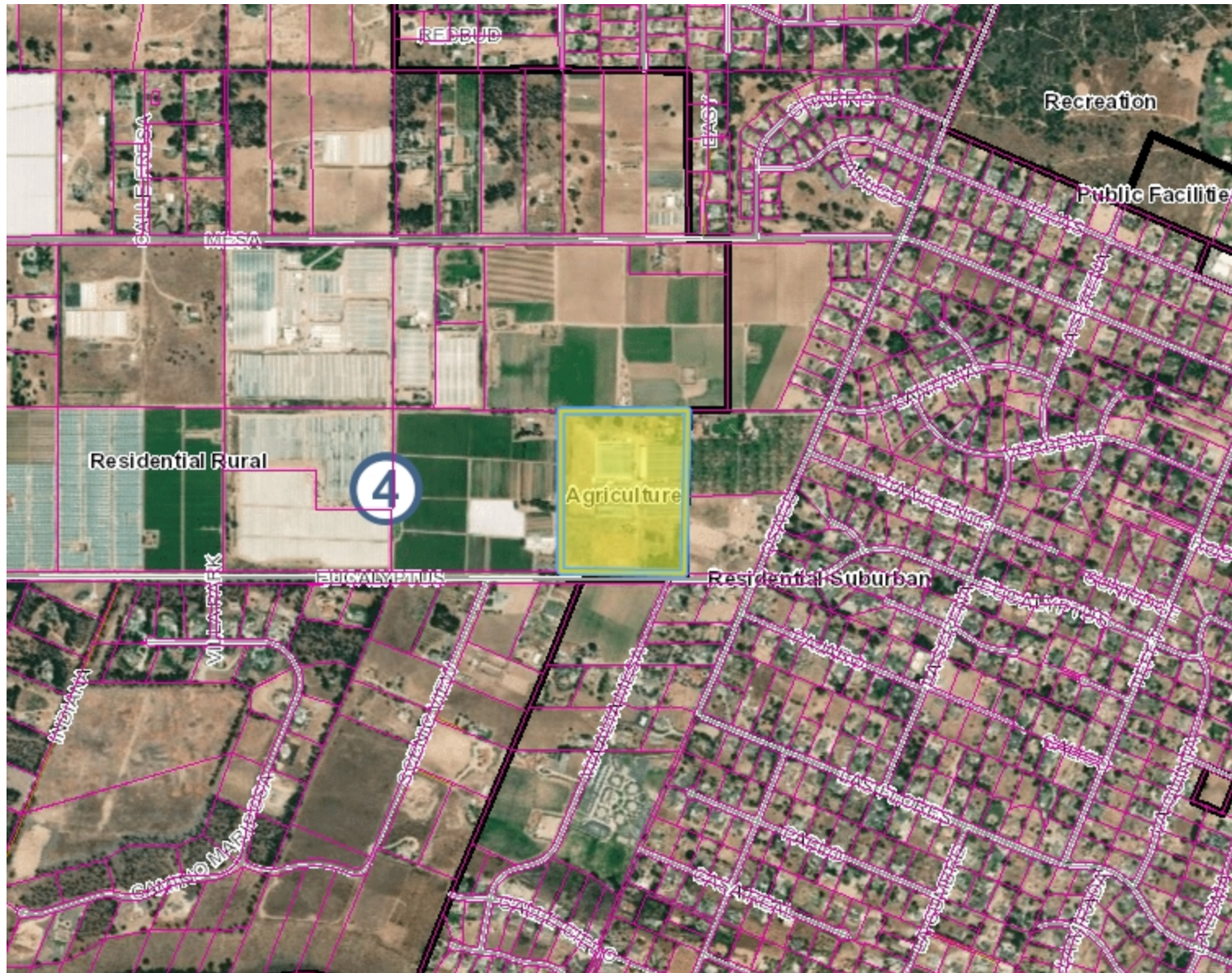
The County of San Luis Obispo does not assume liability for any damages
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 express or implied, that these data are accurate and reliable.

Map for Reference Purposes Only



REFERRAL -- Page 48 of 53

Interactive Data Viewer



Legend

- SLO County Parcels
- Roads**
 - CalTrans
 - Maintained by SLO CO
 - Private Maintenance
 - Federal or State Maintenance
- Supervisor Districts
- Land Use Outlines

-3,009.33 0 1,504.66 3,009.33 Feet 1: 18,056

WGS_1984_Web_Mercator_Auxiliary_Sphere
 © County of San Luis Obispo Planning and Building Department



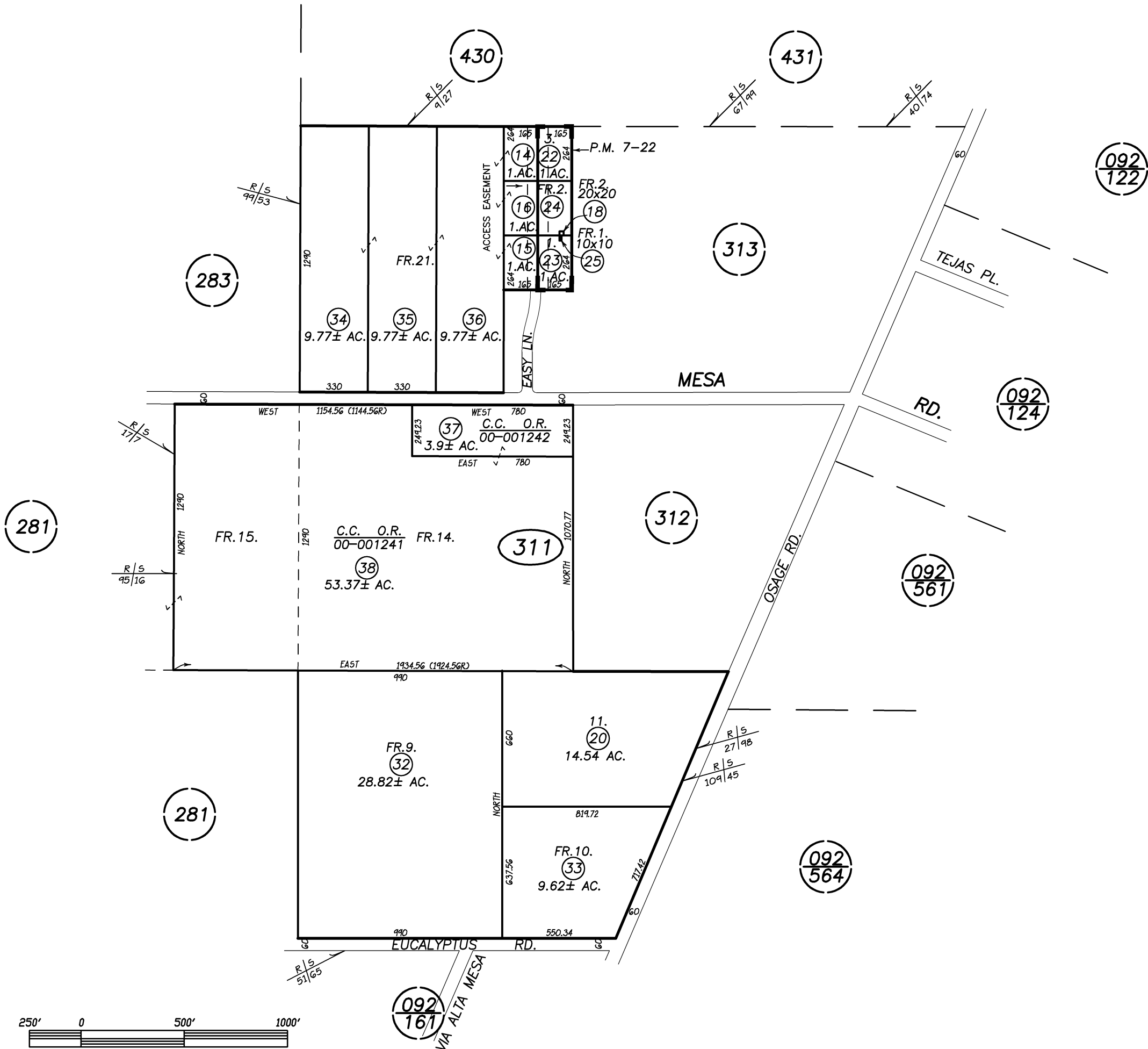
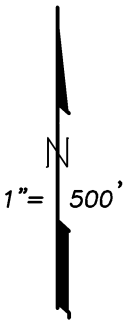
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Map for Reference Purposes Only





091-311



REVISIONS	
I.S.	DATE
NA	08-29-03
11-052	09-16-10
12-032	07-06-11

250' 0 500' 1000'

GB 07-15-99 THIS MAP IS PREPARED FOR ASSESSMENT PURPOSES ONLY.



ODOR MANAGEMENT PLAN



LEGEND

○ Carbon Filters

Kirk Consulting

Sheet 2: Odor Management Plan
Perennial Holistic Wellness
662 Eucalyptus Road
Nipomo, CA
APN: 091-311-032

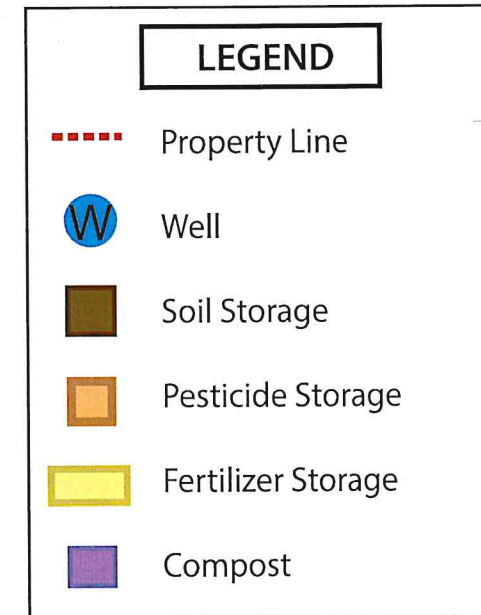
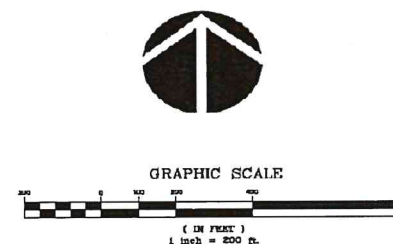
DATE: August 2018	
Perennial Holistic Wellness	
Sheet	
2 of 3	

SITE PLAN



Site: 28.82 Acres

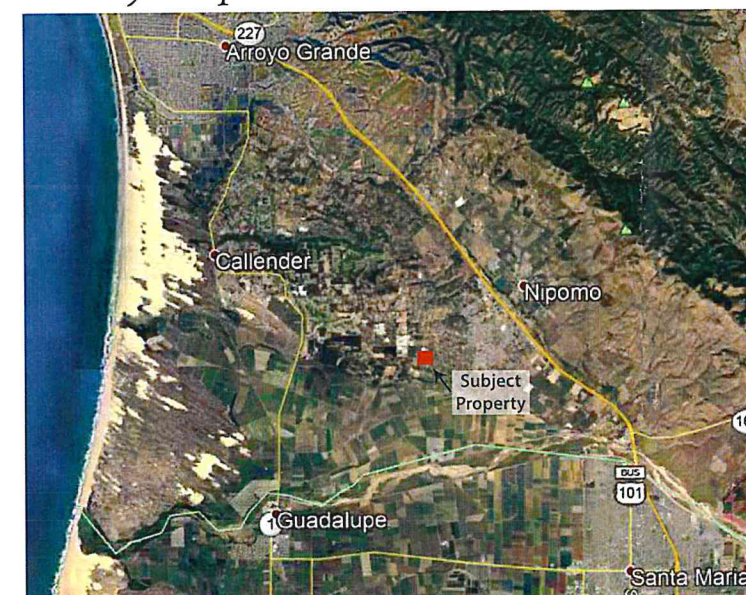
* Site is located over 1000 feet from any sensitive use, as defined by 22.40.050D.1, and 22.40.060D.1, Location



- | Scope of Work |
|---------------------------------------|
| 1) 3 Acres Hoophouse Cultivation |
| 2) 22,000 SF Greenhouse |
| 3) 10,800 SF Drying/Curing/Processing |

- | Sheet Index |
|-------------------------|
| 1) Overall Site Plan |
| 2) Odor Management Plan |
| 3) Buffer Map |

Vicinity Map



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Sheet 1: Site Plan
Perennial Holistic Wellness
662 Eucalyptus Road
Nipomo, CA
APN: 091-311-032

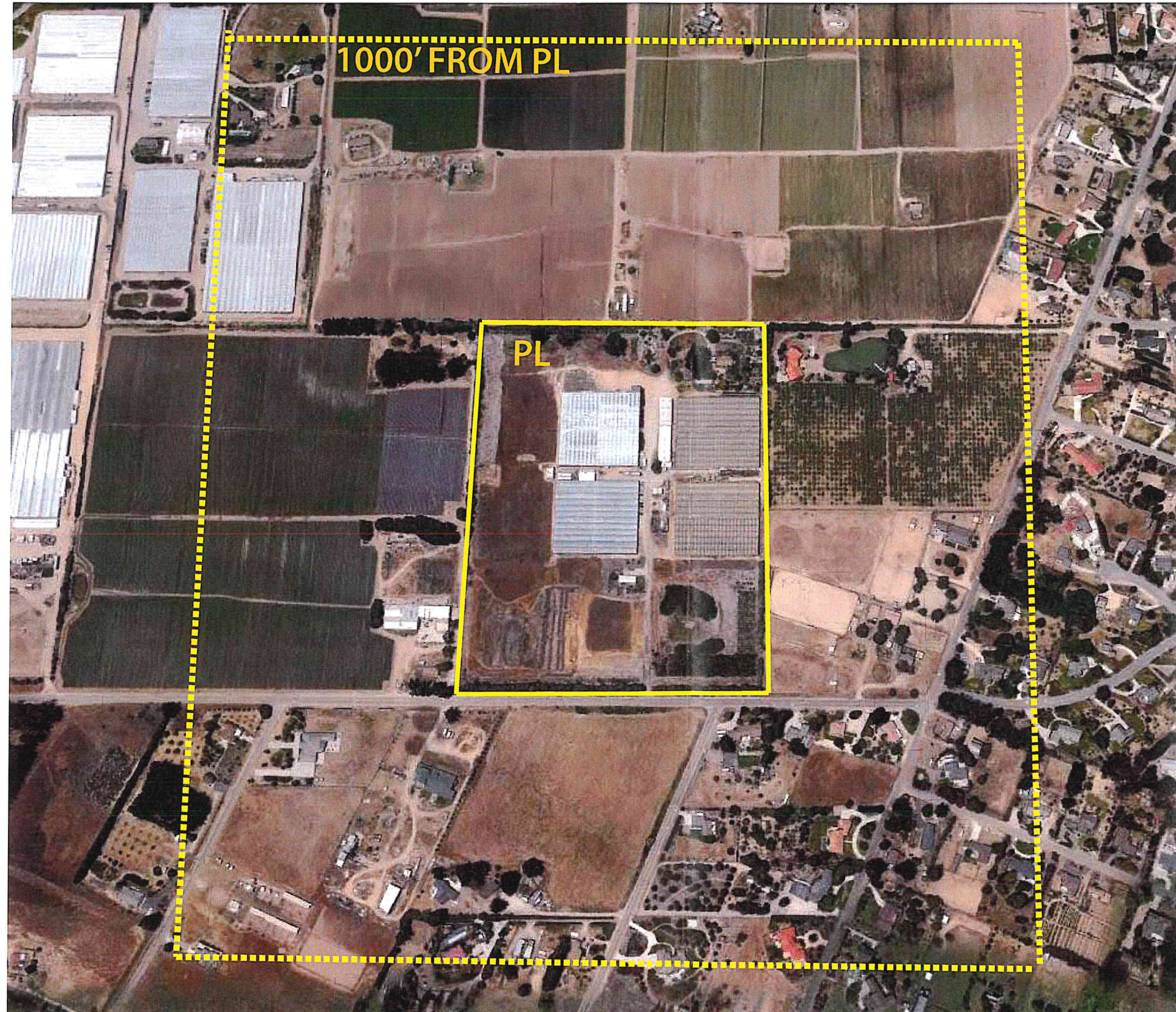
SCALE: 1" = 200'

DATE: August 2018

Perennial Holistic
Wellness

Sheet	
1 of 3	

BUFFER MAP



Sheet 3: Buffer Map
Perennial Holistic Wellness
662 Eucalyptus Road
Nipomo, CA
APN: 091-311-032

DATE: August 2018	
Perennial Holistic Wellness	
Sheet	
3 of 3	

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