

Invasive Species Control and Management Plan



This document provides an outline for an Invasive Species Control/Management Plan (ISCP) for the clients of Clearwater Ag Services. The ISCP will be implemented as an integral part of the applicant's Commercial Cannabis Cultivation project.

Listed below are the steps to ensure the goals of this plan are met.

1. Identify the Project Area

The project area is confined to the commercial cannabis project parcel as stated in the CCLUO 55.4.12.16. Invasive Plant Species will be removed from the cultivation site and related infrastructure using techniques described in this document.

2. Identify the Target Species

The staff of Clearwater Ag Services will work with the applicant to identify potential invasive plant species on their parcel using the CAL-IPC Inventory, research documentation as well as color identifying photos. Many non-native plant species are not necessarily invasive species as these plants do not interrupt the natural ecosystem and coexist with native plant species. Invasive species negatively threaten the environment and often displace native plant species. As part of the ISPC, all available resources will be utilized and local knowledge, informational attachments, as well as online access to color identification photos will aid the applicant in continuing the identification of potentially invasive species.

3. Establish a Baseline for Management

This will require a physical survey of the parcel to determine the scope of the invasive species present as well as the abundance of the invasive species identified. A simple mapping of the parcel with detailed locations of (each) potential invasive species will create a comprehensive starting point for management techniques.

4. Determine Control Options for Each Invasive Species Identified

Several control options exist for eradication of invasive species; including Biological, Mechanical and Chemical. At times, it may be necessary to utilize a combination of control techniques to ensure control over a long period of time.

- Biological Eradication could be used as a first line of defense for control of invasive species. The use of competitive planting and creating an environment for native species to thrive will increase the chances of long-term control. In some cases, the reintroduction of native species plants create a host for insects and microorganisms which will feed on the invasive species and/or create an

environment which will discourage new growth of the invasive plant. Many invasive species invade an area of recent disturbance such as soil displacement, by using native grasses and plants as well as natural and weed-free erosion control products, the invasive species will be unable to entrench the exposed soil.

- Mechanical Eradication is the most common short-term option for the eradication of invasive plant species. The removal of many of these invasive plants can be done by hand, such as Scotch Broom; which can be removed most efficiently in the Spring time, as the entire root system can be pulled easily from the soil. Hand pulling can be an ongoing process as invasive plant species, as well as their most common areas, are identified; the growth as well as the population can be more effectively managed when the plants are small. The use of mechanical tools such as weed whackers, tractors and cutting tools may be required to eradicate some species such as the Himalayan Blackberry, which is common in our area and cannot be effectively or completely removed by hand.
- Chemical Eradication will be considered a last resort, if it will be considered at all, as most of our applicant's commercial cannabis projects use organic and natural growing techniques that never include the use of chemicals.

5. Disposal Methods

As the invasive species are eradicated, they will be completely secured within black plastic garbage bags, this will effectively prevent any chance of seed or propagation of new invasive growth. The invasive species will begin rapid decomposition within the bags and will be taken to a proper disposal site such as the Redway Transfer Station or the Humboldt Waste Management Facility in Eureka.

6. Preventative Control Techniques

Applicant will implement preventative measures to ensure the invasive plant species will not enter the project site. Applicant will use caution when bringing any type of cultivation products to the site to ensure that possible contamination of seed or plant materials that can propagate will not enter the parcel. Vehicles will be maintained, inspected, and cleaned before entering and/or exiting the parcel to eliminate the presence of possible invasive plants species and/or invasive plant materials.

If erosion control is necessary on the cultivation site, only native species and certified weed-free products will be used. Cover crops and compost will be inspected for any type of invasive plant species and will be properly disposed of if found to contain any type of invasive plant species seed or the possibility of propagation.

7. Ongoing Assessment

The parcel will be regularly monitored for invasive species which will help ensure that invasive species in any stage of growth will be identified, controlled and, if possible, removed before its spread.

8. Awareness of Updates and/or Changes

Clearwater Ag Services staff will work with applicant to stay up-to-date on regulations for the removal and eradication of invasive plant species, including but not limited to, updates on new invasive species, changes in the severity of the scope of invasion, as well as new eradication techniques in the industry.

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The Cal-IPC Inventory

The Inventory categorizes plants that threaten California's natural areas. The Inventory includes plants that currently cause damage in California (invasive plants) as well as "Watch" plants that are a high risk of becoming invasive in the future (designated with an asterisk). For information about the Inventory, see "Inventory Details" below.

[INVENTORY DETAILS ▾](#)

Using the Inventory table:

- Click a plant's scientific name to see its risk assessment. For the Plant Profile page with more information about a given plant, click the icon in the far right column.
- "Hort" denotes plants that are known from horticulture; "CWM" links to the CalWeedMapper page for the plant; "ID card" links to an identification card for the plant.
- To sort the table, click on any column heading. To list only plants from certain **Jepson Regions** or **Habitat Types**, use the filters below.
- "Watch" species (denoted with an *) are not currently invasive in California. Assessment has found them to be a high risk for becoming invasive in the future.

Use the buttons below to choose plants to display by region, habitat, and whether the plant is designated an invasive plant or a watch plant.

[Clear Filters](#)

Jepson Regions

ALL

CA Floristic Province (CA-FP)

Cascade Range (CaR)

Central West (CW)

Great Valley (GV)

Northwest (NW)

Sierra Nevada (SN)

Southwest (SW)

Great Basin Province (GB)

Modoc Plateau (MP)

Sierra Nevada East (SNE)

Desert Province (D)

Mojave Desert (DMoj)

Sonoran Desert (DSon)

Habitat Types

Marine Systems

Freshwater and Estuarine Aquatic Systems

Dunes

Scrub and Chaparral

Grasslands, Vernal Pools, Meadows, and other Herb Communities

Bog and Marsh

Riparian and Bottomland habitat

Woodland















Forest





























Alpine Habitats

Invasive or Watch






























Invasive Plants

Watch Plants

Scientific name	Rating	Profile	
<i>Acacia dealbata</i>	Moderate	✓	
<i>Acacia melanoxylon</i>	Limited	✓	
<i>Acroptilon repens</i>	Moderate		
<i>Aegilops triuncialis</i>	High		
<i>Agrostis avenacea</i>	Limited		
<i>Agrostis stolonifera</i>	Limited	✓	
<i>Ailanthus altissima</i>	Moderate	✓	
<i>Alternanthera philoxeroides</i>	High		
<i>Ammophila arenaria</i>	High		
<i>Anthoxanthum odoratum</i>	Limited		
<i>Arctotheca calendula</i>	Moderate	✓	
<i>Arctotheca prostrata</i>	Moderate	✓	
<i>Arundo donax</i>	High	✓	
<i>Asparagus asparagoides</i>	Moderate	✓	
<i>Avena fatua</i>	Moderate		
<i>Bellardia trixago</i>	Limited		
<i>Brachypodium distachyon</i>	Moderate		
<i>Brachypodium sylvaticum</i>	Moderate		
<i>Brassica nigra</i>	Moderate		
<i>Brassica rapa</i>	Limited		
<i>Brassica tournefortii</i>	High		
<i>Briza maxima</i>	Limited	✓	
<i>Bromus diandrus</i>	Moderate		
<i>Bromus hordeaceus</i>	Limited		
<i>Bromus japonicus</i>	Limited		
<i>Bromus madritensis ssp. rubens</i>	High		
<i>Bromus tectorum</i>	High		
<i>Cakile maritima</i>	Limited		
<i>Carduus acanthoides</i>	Limited		

Scientific name	Rating	Profile	
<i>Carduus nutans</i>	Moderate		
<i>Carduus pycnocephalus</i>	Moderate		
<i>Carduus tenuiflorus</i>	Limited		
<i>Carpobrotus chilensis</i>	Moderate	✓	
<i>Carpobrotus edulis</i>	High	✓	
<i>Carthamus lanatus</i>	High		
<i>Centaurea calcitrapa</i>	Moderate		
<i>Centaurea diffusa</i>	Moderate		
<i>Centaurea jacea</i> ssp. <i>pratensis</i>	Moderate		
<i>Centaurea melitensis</i>	Moderate		
<i>Centaurea solstitialis</i>	High		
<i>Centaurea stoebe</i> ssp. <i>micranthos</i>	High		
<i>Centaurea virgata</i> var. <i>squarrosa</i>	Moderate		
<i>Chondrilla juncea</i>	Moderate		
<i>Cirsium arvense</i>	Moderate		
<i>Cirsium vulgare</i>	Moderate		
<i>Conicosia pugioniformis</i>	Limited		
<i>Conium maculatum</i>	Moderate		
<i>Cordyline australis</i>	Limited	✓	
<i>Cortaderia jubata</i>	High	✓	
<i>Cortaderia selloana</i>	High	✓	
<i>Cotoneaster franchetii</i>	Moderate	✓	
<i>Cotoneaster lacteus</i>	Moderate	✓	
<i>Cotula coronopifolia</i>	Limited	✓	
<i>Crataegus monogyna</i>	Limited	✓	
<i>Crocasmia x crocosmiiflora</i>	Limited	✓	
<i>Crupina vulgaris</i>	Limited		
<i>Cynara cardunculus</i>	Moderate	✓	

Scientific name	Rating	Profile	
<i>Cynodon dactylon</i>	Moderate	✓	
<i>Cynoglossum officinale</i>	Moderate	✓	
<i>Cynosurus echinatus</i>	Moderate		
<i>Cytisus scoparius</i>	High	✓	
<i>Cytisus striatus</i>	Moderate	✓	
<i>Dactylis glomerata</i>	Limited	✓	
<i>Delairea odorata</i>	High	✓	
<i>Descurainia sophia</i>	Limited		
<i>Digitalis purpurea</i>	Limited	✓	
<i>Dipsacus fullonum</i>	Moderate	✓	
<i>Dipsacus sativus</i>	Moderate		
<i>Dittrichia graveolens</i>	Moderate		
<i>Echium candicans</i>	Limited	✓	
<i>Egeria densa</i>	High	✓	
<i>Ehrharta calycina</i>	High		
<i>Ehrharta erecta</i>	Moderate		
<i>Eichhornia crassipes</i>	High	✓	
<i>Elaeagnus angustifolia</i>	Moderate	✓	
<i>Elymus caput-medusae</i>	High		
<i>Erica lusitanica</i>	Limited	✓	
<i>Erodium cicutarium</i>	Limited	✓	
<i>Eucalyptus camaldulensis</i>	Limited	✓	
<i>Eucalyptus globulus</i>	Limited	✓	
<i>Euphorbia oblongata</i>	Limited	✓	
<i>Euphorbia virgata</i>	High		
<i>Fallopia japonica</i>	Moderate		
<i>Fallopia sachalinensis</i>	Moderate		
<i>Festuca arundinacea</i>	Moderate	✓	
<i>Festuca myuros</i>	Moderate		












Scientific name	Rating	Profile	
<i>Festuca perennis</i>	Moderate		
<i>Ficus carica</i>	Moderate	✓	
<i>Foeniculum vulgare</i>	Moderate	✓	
<i>Genista monspessulana</i>	High	✓	
<i>Geranium dissectum</i>	Limited		
<i>Glyceria declinata</i>	Moderate		
<i>Hedera canariensis</i>	High	✓	
<i>Hedera helix</i>	High	✓	
<i>Helichrysum petiolare</i>	Limited	✓	
<i>Helminthotheca echioides</i>	Limited		
<i>Hirschfeldia incana</i>	Moderate	✓	
<i>Holcus lanatus</i>	Moderate	✓	
<i>Hordeum marinum</i>	Moderate		
<i>Hordeum murinum</i>	Moderate		
<i>Hydrilla verticillata</i>	High		
<i>Hypericum canariense</i>	Moderate	✓	
<i>Hypericum perforatum</i>	Limited	✓	
<i>Hypochaeris glabra</i>	Limited		
<i>Hypochaeris radicata</i>	Moderate		
<i>Ilex aquifolium</i>	Limited	✓	
<i>Iris pseudacorus</i>	Limited	✓	
<i>Isatis tinctoria</i>	Moderate	✓	
<i>Kochia scoparia</i>	Limited	✓	
<i>Lepidium chalepense</i>	Moderate		
<i>Lepidium draba</i>	Moderate		
<i>Lepidium latifolium</i>	High		
<i>Leucanthemum vulgare</i>	Moderate	✓	
<i>Ligustrum lucidum</i>	Limited		
<i>Limnobium spongia</i>	High		













Schedule of Cultivation Related Activities

Table 1

Month	Propagation Activities	Cultivation Schedule	Processing Activities	Water Usage from Storage (gallons)
January	None	N/A	N/A	0
February	None	N/A	N/A	0
March	Purchase clones and start seeds	N/A	N/A	0
April	Up pot seeds/clones	Plant clones. Seasonally dependent.	N/A	5,000
May	Up pot seeds/clones	Plant clones. Seasonally dependent. Cultivate	N/A	10,000
June	None	Cultivating	N/A	15,000
July	None	Cultivating/Mulching	N/A	15,000
August	None	Cultivating	N/A	15,000
September	None	Harvest	N/A	12,500
October	None	Harvest	N/A	5,000
November	None	Plant cover crops and mulch	N/A	0
December	None	Plant cover crops and mulch	N/A	0
			Total Water Use	77,500 gal

Scientific name	Rating	Profile	
<i>Linaria dalmatica</i> ssp. <i>dalmatica</i>	Moderate		
<i>Linaria vulgaris</i>	Moderate	✓	
<i>Lobularia maritima</i>	Limited	✓	
<i>Ludwigia peploides</i>	High	✓	
<i>Lythrum hyssopifolium</i>	Moderate		
<i>Lythrum salicaria</i>	High	✓	
<i>Marrubium vulgare</i>	Limited	✓	
<i>Medicago polymorpha</i>	Limited		
<i>Mentha pulegium</i>	Moderate	✓	
<i>Mesembryanthemum crystallinum</i>	Moderate	✓	
<i>Myoporum laetum</i>	Moderate	✓	
<i>Myosotis latifolia</i>	Limited	✓	
<i>Myriophyllum aquaticum</i>	High	✓	
<i>Myriophyllum spicatum</i>	High		
<i>Nicotiana glauca</i>	Moderate	✓	
<i>Olea europaea</i>	Limited	✓	
<i>Onopordum acanthium</i>	High	✓	
<i>Oxalis pes-caprae</i>	Moderate		
<i>Parentucellia viscosa</i>	Limited		
<i>Pennisetum clandestinum</i>	Limited		
<i>Pennisetum setaceum</i>	Moderate	✓	
<i>Phalaris aquatica</i>	Moderate	✓	
<i>Phoenix canariensis</i>	Limited	✓	
<i>Phytolacca americana</i>	Limited	✓	
<i>Plantago lanceolata</i>	Limited	✓	
<i>Poa pratensis</i>	Limited	✓	
<i>Polypogon monspeliensis</i>	Limited		
<i>Potamogeton crispus</i>	Moderate		
<i>Prunus cerasifera</i>	Limited	✓	

Scientific name	Rating	Profile	
<i>Pyracantha angustifolia</i>	Limited	✓	
<i>Ranunculus repens</i>	Limited	✓	
<i>Raphanus sativus</i>	Limited		
<i>Ricinus communis</i>	Limited	✓	
<i>Robinia pseudoacacia</i>	Limited	✓	
<i>Rubus armeniacus</i>	High	✓	
<i>Rumex acetosella</i>	Moderate	✓	
<i>Rumex crispus</i>	Limited		
<i>Rytidosperma penicillatum</i>	Limited		
<i>Saccharum ravennae</i>	Moderate	✓	
<i>Salsola soda</i>	Moderate		
<i>Salsola tragus</i>	Limited		
<i>Salvia aethiopsis</i>	Limited	✓	
<i>Saponaria officinalis</i>	Limited	✓	
<i>Schinus terebinthifolius</i>	Moderate	✓	
<i>Schismus barbatus</i>	Limited		
<i>Senecio glomeratus</i>	Moderate		
<i>Senecio jacobaea</i>	Limited		
<i>Sesbania punicea</i>	High	✓	
<i>Silybum marianum</i>	Limited	✓	
<i>Sinapis arvensis</i>	Limited		
<i>Sisymbrium irio</i>	Limited		
<i>Spartina densiflora</i>	High		
<i>Spartium junceum</i>	High	✓	
<i>Stipa manicata</i>	Limited		
<i>Stipa miliacea</i> var. <i>miliacea</i>	Limited		
<i>Tamarix aphylla</i>	Limited	✓	
<i>Tamarix parviflora</i>	High	✓	
<i>Tamarix ramosissima</i>	High	✓	

Scientific name	Rating	Profile	
<i>Tanacetum vulgare</i>	Moderate	✓	
<i>Tetragonia tetragonoides</i>	Limited		
<i>Torilis arvensis</i>	Moderate		
<i>Tribulus terrestris</i>	Limited		
<i>Trifolium hirtum</i>	Limited		
<i>Ulex europaeus</i>	High		
<i>Verbascum thapsus</i>	Limited	✓	
<i>Vinca major</i>	Moderate	✓	
<i>Washingtonia robusta</i>	Moderate	✓	
<i>Watsonia meriana</i>	Limited	✓	
<i>Zantedeschia aethiopica</i>	Limited	✓	
<i>Zostera japonica</i>	Moderate		

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IPCW | Common Names

Common Name: The plants are listed in alphabetical order by the most often used common name. Click on the scientific name for more information about the plant. You may also use the "search" box above to find a plant by name or any attribute such as "thorn" or "tuber".

***Tamarix* spp.**

Ailanthus altissima

ailanthus; tree-of-heaven

Aptenia cordifolia

apple, baby sun rose, heartleaf
iceplant, dew plant

Cynara cardunculus

artichoke thistle, cardoon, desert
artichoke, wild artichoke

Atriplex semibaccata

Australian saltbush

Bassia hyssopifolia

bassia, five-hook bassia, thorn
orache, five-horn smotherweed

Robinia pseudoacacia

black locust

Eucalyptus globulus

blue gum, Tasmanian blue gum,
common eucalyptus

Schinus terebinthifolius

Brazilian pepper tree, Christmas-
berry tree, Christmasberry, Florida
holly

Retama monosperma

bridal veil broom

Cirsium vulgare

bull thistle, spear thistle

Alhagi pseudalhagi

camelthorn, camels thorn, camel-thorn, Caspian manna, Persian manna

Cirsium arvense

Canada thistle, California thistle, creeping thistle, corn thistle, perennial thistle, field thistle

Arctotheca calendula

capeweed, South African capeweed, cape dandelion, cape gold

Ricinus communis

castor bean

Bromus tectorum

cheatgrass, downy brome, downy cheat, downy chess, early chess, drooping brome, cheatgrass brome, wild oats, military grass

Spartina anglica

common cordgrass

Verbascum thapsus

common mullein, wooly mullein, great mullein, mullein, Jacobâ€™s staff, flannel leaf, velvet plant, candlewick plant, lung wort, felt wort

Cotoneaster spp.

cotoneaster, silverleaf cotoneaster, crystalline iceplant, common iceplant, rock spray cotoneaster

Mesembryanthemum crystallinum***Erechtites spp.***

cutleaf fireweed, cutleaf burnweed, dense-flowered cordgrass, New Zealand fireweed, Australian burnweed; Australian fireweed, little fireweed, coastal burnweed, Australian burnweed

Spartina densiflora***Ficus carica***

edible fig, common fig

Egeria densa

egeria, leafy elodea, dense waterweed, Brazilian waterweed, anacharis, Brazilian elodea

Hedera helix***Ageratina adenophora***

English ivy

eupatory, Crofton weed, sticky
snakeroot, catweed, hemp agrimony,
sticky agrimony, sticky eupatorium

Myriophyllum spicatum

Eurasian watermilfoil, spike
watermilfoil

Ammophila arenaria

European beachgrass

Foeniculum vulgare

fennel, anise, sweet fennel,
aniseed, sweet anise, sweet
fennel

Pennisetum setaceum

fountain grass, crimson
fountaingrass

Digitalis purpurea

foxglove, purple foxglove

Bromus madritensis ssp. rubens

foxtail chess; red brome, compact
brome, Spanish brome

Genista monspessulana

French broom, soft broom, canary
broom, Montpellier broom

Tamarix gallica

French tamarisk

Delairea odorata

German ivy

Arundo donax

giant reed, giant cane

Ulex europaea

gorse, common gorse

Halogeton glomeratus

halogeton

Phalaris aquatica

Harding grass

Helichrysum petiolare

helichrysum, licorice plant

Carpobrotus edulis

highway iceplant, Hottentot fig,
iceplant

Rubus discolor

Himalayan blackberry,
Himalayaberry

Hydrilla verticillata

hydrilla, water thyme, Florida
elodea

Carduus pycnocephalus

Italian thistle, slender thistle, shore
thistle, Italian plumeless thistle

Cortaderia jubata

jubata grass, pampas grass,
Andes grass, selloa pampas
grass, cortaderia, pink pampas
grass, purple pampas grass

Euphorbia esula

leafy spurge, wolf's milk

Cardaria chalapensis

lens-podded hoary cress

Schismus spp.

Mediterranean grass, Arabian
schismus, schismus, split grass

Bellardia trixago

Mediterranean linseed, garden
bellardia

Taeniatherum caput-medusae

medusahead

***Myoporum
laetum***

myoporum, ngaio tree (New
Zealand)

Conicosia pugioniformis

narrow-leafed iceplant, false
iceplant, conicosia

Tamarix chinensis

none

Leucanthemum vulgare

ox-eye daisy, marguerite, moon
daisy, dog daisy

Cortaderia selloana

pampas grass, Uruguayan
pampas grass

Myriophyllum aquaticum

parrot's feather, parrot feather
watermilfoil, Brazilian water milfoil

Mentha pulegium

pennyroyal

Lepidium latifolium

perennial pepperweed; tall white top,
broadleaved pepperweed

Ehrharta spp.

perennial veldt grass; ehrharta,
panic veldt grass; annual veldt
grass

Vinca major

periwinkle, bigleaf periwinkle

Conium maculatum***Cytisus striatus***

poison hemlock, carrot fern, Portuguese broom
poison parsley, spotted hemlock

Lythrum salicaria

purple loosestrife

Centaurea calcitrapa

purple starthistle, red star thistle, red starthistle, St. Barnaby's thistle, golden starthistle

Elaeagnus angustifolia

Russian olive, oleaster

Brassica tournefortii

Sahara mustard, Asian mustard

Spartina patens

salt-meadow cordgrass

Cytisus scoparius

Scotch broom, English broom, common broom

Crataegus monogyna

single-seed hawthorn, whitethorn

Tamarix parviflora

smallflower tamarisk, tamarisk, four-stamen tamarisk

Spartina alterniflora

smooth cordgrass

Spartium junceum

Spanish broom, gorse, weaver's broom

Tamarix ramosissima

tamarisk, saltcedar

Senecio jacobaea

tansy ragwort, stinking willie

Centaurea melitensis

tocolote, Maltese star thistle, Napawater hyacinth, common water star thistle, Malta starthistle

Eichhornia crassipes

hyacinth

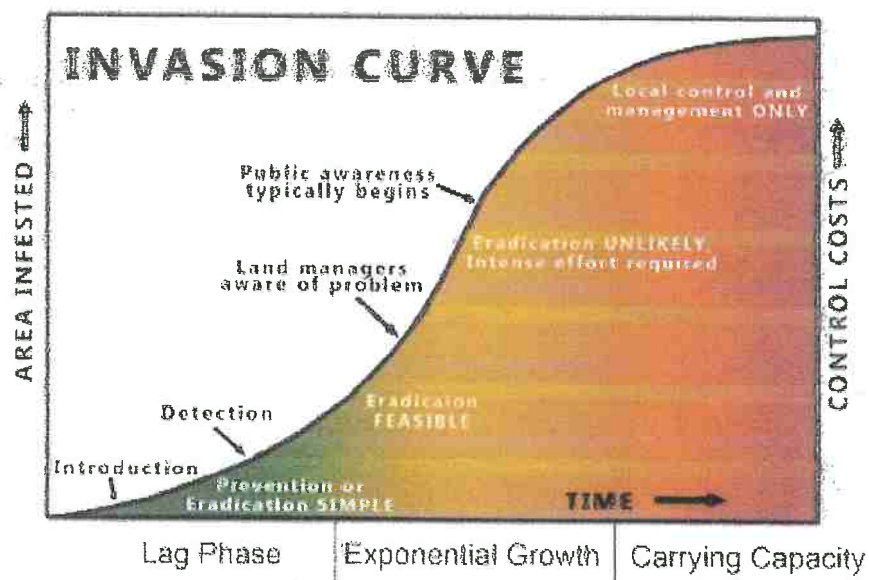
Cardaria draba

white top, perennial pepper-grass, heart-podded hoary cress, pepperwort, white-top, pepperweed whitetop, hoary cress, whitetop, white weed

Lupinus arboreus

yellow bush lupine, coastal bush lupine

Centaurea solstitialis



State Waterboard Cannabis General Order and Small Irrigation Use Registration Portal

You completed application 424191 on 02/13/2020 14:31:49

[Return to Dashboard](#)

Introduction

Welcome to the Cannabis Cultivation General Order and Small Irrigation Use Registration Portal. This application allows cannabis cultivators to apply for coverage under the State Water Resources Control Board General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities (Cannabis Cultivation General Order) and to file for a water right registration for Small Irrigation Use for Cannabis Cultivation. The portal consists of the following sections:

- Section A: Screening questions to determine if you must obtain coverage under the Cannabis Cultivation General Order.
- Section B: Screening questions to determine if you need and are eligible for a small irrigation use water right registration.
- Section C: Questions regarding the applicant's contact and property information.
- Section D: Specific questions pertaining to the Cannabis Cultivation General Order (if applicable).
- Section E: Specific questions pertaining to water rights registrations (if applicable).
- Section F: Self-Certification for compliance with your Small Irrigation Use Water Right Registration (if applicable).
- Section G: Questions regarding processor applicant's contact and property information (if applicable).

Your answers to the questions in this portal will help determine if you need coverage under the Cannabis Cultivation General Order, a Small Irrigation Use water right registration, both, or neither. You may not be asked to complete all sections. Depending on the answers provided to the screening questions in Sections A and B, you will see only the questions relevant to your waste discharge and/or water diversion activities.

Bookmarks are provided throughout the survey to enable you to return to a previous section if needed.

Questions that are marked with a  symbol are mandatory and must be answered in the application.

Click 'Save and Continue' below to continue.

Section A - Cannabis Cultivation General Order Eligibility Questions

This survey was created for cannabis cultivators to apply for the State Water Boards Cannabis Cultivation General Order and the Small Irrigation Use Registration (SIUR) water right. The questions in Section A are to determine eligibility for coverage under the Cannabis Cultivation General Order.

Section A - Applying for coverage under the Cannabis Cultivation General Order


What best describes your situation?



- ☐ I am not Seeking coverage under the State Cannabis Cultivation General Order at this time but will be seeking a Small Irrigation Use Registration (SIUR) water right.
- ☐ I am seeking coverage under the State Cannabis Cultivation General Order, with the goal to obtain evidence of enrollment with the State Water Resource Control Board, required for a California Department of Food and Agriculture (CDFA) Cannabis Cultivation License
- ☐ My operation contains no cannabis cultivation component , I am applying for a Cannabis Processors License with the California Department of Food and Agriculture (CDFA).

Section A - Completely Indoor Cultivation?


Are your cannabis cultivation activities completely indoors?

 ☐ Yes ☐ No

'Indoors' refers to a structure with a permanent roof and a permanent relatively impermeable floor (e.g., concrete- or asphalt-paved). Indoor cannabis cultivation may be performed using hydroponic growing systems, soil, or other growth media.

Section A - Discharge of Wastewater from Outdoor Cannabis Cultivation Activities

Do your outdoor cannabis cultivation activities disturb less than one thousand (1,000) square feet and are your cannabis cultivation activities exempt from California Department of Food and Agriculture licensing requirements under Proposition 64 (Health and Safety Code section [11362.2](#)) or Proposition 215 (Health and Safety Code section [11362.77](#))?

 ☐ Yes ☐ No

Section A - Cannabis Cultivation General Order Eligibility Notice

Use the following navigation buttons to return to the previous sections:

[Introduction](#)

[Section A - Cannabis Cultivation General Order Eligibility Questions](#)

Based on your responses to the eligibility questions, you will either be conditionally exempt or enrolled as a tier 1 or tier 2 site (the site status will be determined later).

End of Section A

Use the following navigation buttons to return to the previous sections:

[Introduction](#)

[Section A - Cannabis Cultivation General Order Eligibility Questions](#)

You have reached the end of Section A. Click 'Save and Continue' below to continue to Section B.

Section B - Small Irrigation Use Registration Water Rights Screening


Use the following navigation buttons to return to the previous sections:

[Introduction](#)


[Section A - Cannabis General Order Eligibility Questions](#)

Questions in Section B are based on the [State Water Board's Cannabis Cultivation Policy](#) and the Small Irrigation Use Registration Program requirements. This section will help determine whether you need a water right and your eligibility for a Small Irrigation Use Registration.

Section B - Do you already have a Small Irrigation Use Registration?

 You can skip the remaining filing process for water rights in this portal if:

1. You have already filed for a Small Irrigation Use Registration for the Place of Use associated with your commercial cannabis cultivation.
2. You have a permit or license that lists *irrigation* as a *purpose of use* during the diversion to storage season allowed by the [State Water Board's Cannabis Cultivation Policy](#) for the Place of Use associated with your commercial cannabis cultivation.

Do conditions 1 or 2 apply to you? 

☐ Yes

No

If you answered **yes** to the previous question, then please provide your Cannabis Small Irrigation Use Registration ID or the application ID for your permit or license.

Section B - Water Source

NOTES:

1. For more information on subterranean streams, please visit http://www.waterboards.ca.gov/water_issues/programs/gmp/faqs.shtml.
2. The spring would flow off the property if it is not being diverted.
3. For Rainwater Catchment, water cannot channelize before entering your pond.

Please check your water source(s) for your cannabis cultivation project.

Check all that apply ★

- ☐ Stream, creek, gully (surface water channels), pond, lake, reservoir, and/or subterranean stream
- ☐ Spring located on the diverter's property that runs off the property at any time during the year.
- ☐ Spring located on the diverter's property that does NOT run off the property at any time during the year, in the absence of any diversions (fully contained spring).
- ☐ Groundwater well (Not a subterranean stream)
- ☒ Rainwater Catchment (does not include tarping of sites)
- ☐ Water Purveyor (municipal, retail supplier, water hauler, or other)

Section B - No Small Irrigation Use Registration Required

Use the following navigation buttons to return to the previous sections:

[Introduction](#)

[Section A - Cannabis General Order
Eligibility Questions](#)

[Section B - Water Rights Eligibility Questions](#)

Based on the response provided for your cannabis cultivation water source, you do not need to file for a Small Irrigation Use Registration. You may use your existing water source for cannabis cultivation. Be aware - you may still need coverage under the Cannabis General Order. Even if you do not need a water right for your project, you are still required to comply with the Cannabis Cultivation Policy and all other state and local requirements that pertain to your water source. The Cannabis Cultivation Policy has additional requirements for your diversions including groundwater wells, and discharges.

If you feel you have reached this page in error, please contact the Cannabis Registration Program at Cannabisreg@waterboards.ca.gov or 916-319-9427.

Section C - Cannabis Cultivation Site and Contact Information

Provide information regarding your cannabis cultivation site and contact information. For Cannabis Cultivation General Order coverage, if your site is located on more than one parcel and the parcels are not contiguous (next to each other), you must submit a separate application for each non-contiguous cultivation area. Refer to the Cannabis Cultivation General Order for additional information.

Enter the legal name of the cannabis cultivation site (e.g., the name of the operation or the facility name), if any. If the site does not have a legal name, enter the name of the site as you would like it to be identified.

The site name will be published on the public site of the State Water Board's database(s). We suggest you not use the address or Assessor's Parcel Number(s) of the site as the site name.

Site Name ★

Enter the physical address of the cultivation site **(NO P.O. BOX NUMBERS!)**, including the county. If no address exists, use the street and nearest cross street.

For the street number, enter numbers only--no special characters.

For suites and apartments, please type the appropriate abbreviation, *APT* or *STE* in addition to the unit number. For example:

APT 337 or STE 337 instead of just 337

Street Number Suite/Apt Street Direction Street Name Harris Street Type Road
 Road, nearest cross street is
Alderpoint Road

City Alderpoint State CA Zip Code 95511 County Humboldt

Enter information about the contact person for the cannabis cultivation site, their phone number, and email.

Contact Person First Name Jordan Contact Person Last Name Pyhtila

Contact Person Telephone Number (720) 326-2647 Extension Contact Person Email landworks1st@gmail.com

Phone extensions should only include numbers (no leading 'x').

FOR CANNABIS CULTIVATION GENERAL ORDER APPLICANTS ONLY

Assessor's Parcel Number(s) (When entering multiple Assessor's Parcel Numbers, enter one parcel number per text box.)

NOTE: Enter only the Assessor's Parcel Numbers for which you are applying for coverage under the Cannabis Cultivation General Order. If your cultivation is on more than one parcel, the parcels must be contiguous (next to each other). If the parcels are non-contiguous, you must apply separately under the Cannabis Cultivation General Order for each set of contiguous parcels. For water rights, a single registration is sufficient.

Different counties have different Assessor's Parcel Number formats, such as 0000-000-000, 000-000-00, 000-00-000, 000-000-000-0, 000-000-00-00, etc. Parcel numbers can be entered with dashes or without dashes.

216-461-001

If you have additional APNs, enter them here and separate each one with a comma.

On the following page, you will be asked to provide address and contact information for the cultivator/diverter. Is the cultivator/diverter address and contact information the exact same as the address and contact information entered on this page (Cannabis Cultivation Site and Contact Information)? If you select yes, this will allow the system to copy the information so you do not need to re-enter it.

☒ Yes ☐ No

Section C - Cultivator/Diverter Information

Provide legal name and mailing address of the person or entity cultivating cannabis and/or diverting water. Entities include businesses, corporations, limited liability corporations, etc..

Enter the legal name of the person or entity cultivating cannabis. If the cultivator is a private individual, enter the last name and then first name of the individual, separated by a comma and a space. (For example: Doe, John)

Legal Name Old Harris Farms LLC

If you are providing a PO Box, enter the information, including the words 'PO Box' along with the box number, in the Street Name field. For suites and apartments, please type the appropriate abbreviation, APT or STE in addition to the unit number. For example:

APT 337 or STE 337 instead of just 337

Street Number Suite/Apt Street Direction Street Name PO Box Street Type
 871

City Redway State/Province CA Zip Code 95560

Country USA Foreign Postal Code

Organization Type ★

Privately-Owned Business

Enter information about the contact person for the cultivator/diverter, their phone number, and email.

Contact Person First Name

★

Contact Person Last Name

★

Contact Person Telephone Number

★

Extension Contact Person Email

Phone extensions should only include numbers (no leading 'x').

Is your primary home residence located on the same property as the cannabis cultivation site?



☒ Yes

☐ No

On the following page, you will be asked to provide address and contact information for the property landowner. If the Property Landowner address and contact information is identical to the address and contact information entered on a previous page, please select the page name from the drop-down menu below. This will allow the system to copy the information so you do not need to re-enter it. Otherwise, select "Not the same."

★ None

Section C - Property Landowner Information (1)

Provide information on the property landowner where the cannabis will be grown.

Enter the legal name of the person or entity who owns the property on which the cannabis cultivation site is located. If the property landowner is a private individual, enter the last name and then the first name of the individual, separated by a comma and a space in the "Legal Name" field. For example: Doe, John

Legal Name ★

If you are providing a PO Box, enter the information, including the words 'PO Box' along with the box number, in the Street Name field.

Street Number



Suite/Apt

Street Direction

Street Name ★

Street Type

City ★

State/Province

★ CA

Zip Code

Country ★ USA

Foreign Postal Code

Owner Type ★ Private-

Individual

Enter information about the contact person for the property landowner, their phone number, and email.

Contact Person First Name

★

Contact Person Last Name

★

Contact Person Telephone Number

★

Extension Contact Person Email

Phone extensions should only include numbers (no leading 'x').

In the following pages you will have the ability to enter additional property landowner addresses and contact information, if applicable. After the property landowner address and contact information pages, you will be asked to provide the address and contact information where legal notice may be served. If the legal notice address and contact information is identical to the address and contact information provided on a previous page, or the address and contact information you will provide for one of the additional property landowners, please select the page name from the drop-down menu below. This will allow

the system to copy the information so you do not need to re-enter it. Otherwise, select "Not the same."

★ SiteInfo



Section C - Additional Property Landowner? (1)

Do you have additional property landowners to add? ★ ☐ Yes ☒ No

Section C - Address Where Legal Notice May Be Served

Enter an address where legal notice may be served. **NO P.O. BOX NUMBERS!**

Street Number 	Suite/Apt	Street Direction	Street Name ★ Harris Road, nearest cross street is Alderpoint Road	Street Type Road
City ★ Alderpoint		State/Province ★ CA	Zip Code 95511	
Country ★ USA		Foreign Postal Code USA		

Enter information about the contact person for legal matters, their phone number, and email.

Contact Person First Name ★ Jordan	Contact Person Last Name ★ Pyhtila
Contact Person Telephone Number ★ (720) 326-2647	Extension Contact Person Email landworks1st@gmail.com

Phone extensions should only include numbers (no leading 'X').

On the following page, you will be asked to provide address and contact information for billing. If the billing address and contact information is identical to the address and contact information provided on a previous page, please select the page name from the drop-down menu below. This will allow the system to copy the information so you do not need to re-enter it. Otherwise, select "Not the same."

★ CultivatorDiverterInfo



Section C - Billing Information

Enter the name and address where fee invoices should be sent.

Name ★ Old Harris Farms LLC


If you are providing a PO Box, enter the information, including the words 'PO Box' along with the box number, in the Street Name field. For suites and apartments, please type the appropriate abbreviation, APT or STE in addition to the unit number. For example:
APT 337 or STE 337 instead of just 337

Street Number	Suite/Apt	Street Direction	Street Name ★ PO Box 871	Street Type
City ★ Redway		State/Province ★ CA	Zip Code 95560	
Country ★ USA		Foreign Postal Code		


Enter information about the contact person for billing purposes, their phone number, and email.

Contact Person First Name	Contact Person Last Name
---------------------------	--------------------------

 Jordan

 Pyhtila

Contact Person Telephone Number

 (720) 326-2647

Extension Contact Person Email

landworks1st@gmail.com

Phone extensions should only include numbers (no leading 'x').

Section C - Third-Party Representative/Agent

I wish to designate a third party to represent me in issues related to the Cannabis Cultivation General Order.



☒ Yes

☐ No

Identify the third party (e.g., consultant) representing you in dealing with matters related to the Cannabis Cultivation General Order, if applicable.

Enter the legal name of the person or entity of your third-party representative. If the third-party representative is a private individual, enter the last name and then first name of the individual, separated by a comma and a space. For example: Doe, John

Business Name Clearwater Ag Services

If you are providing a PO Box, enter the information, including the words 'PO Box' along with the box number, in the Street Name field.

Street Number

 446

Suite/Apt

Street Direction

Street Name Maple

Street Type Lane

City Garberville

State/Province
CA

Zip Code 95542

Country USA

Foreign Postal Code 95542

Organization Type Privately-
owned business

Enter information about the contact person for the third party representative, their phone number, and email.

Contact Person First Name

Diana

Contact Person Last Name

Totten

Contact Person Telephone Number

(707) 923-2767 Phone extensions should
only include numbers (no leading 'x').

Extension Contact Person Email

clearwateragservices@gmail.com

End of Section C

Use the following navigation buttons to return to the previous sections:

Introduction

Section A - Cannabis Cultivation General Order Eligibility
Questions

Section B - Small Irrigation Use Registration Water Rights
Screening

Section C - Cannabis Cultivation Site and Contact
Information

You have completed Section C - Applicant and Property Information. Click 'Save and Continue' below to continue. Based on your previous responses, you may be directed to Section D - Cannabis Cultivation General Order, Section E - Water Rights, or the Submission Page next.

Section D - Previously Enrolled Under Another Order?

Were the discharges of wastewater from the cannabis cultivation activities at the site/property listed on this application previously enrolled in General Waiver R1-2015-0023 or General Order R5-2015-0113?



☐ Yes ☒ No

If you selected 'Yes' above, provide the following:

WDID Number

Your WDID number can be found on the Notice of Applicability transmitted to you by the Regional Water Quality Control Board when you enrolled under the General Order or General Waiver. **The North Coast Regional Board WDID will be in the format 1X1####CXXX (ex. 1D13456CWLZ) and the Central Valley Region Board WDID will be in the format 5X##MJ00### (ex. 5H23MJ00456) where X's are letters, 0 are zero's, and #'s are numbers.**

WDID validation list

Section D - Discharge Information

Definitions of Slope, Riparian Setback, Cultivation Area and Disturbed Area can be found in [Attachment A](#) of the Cannabis Cultivation General Order

What is the maximum **Slope** of your site?

- ☒ Slope is less than 20%
- ☐ Slope is greater than or equal to 20% and less than or equal to 30%
- ☐ Slope is greater than 30%

Is all of the disturbed area outside of the **Riparian Setback**?

Minimum Riparian Setback Table is included in [Section 1, Requirement 37](#)

- ☒ Yes
- ☐ No

Enter the size of the **Cultivation Area** (in square feet)



21700

Enter the size of the **Disturbed Area** (in square feet):

Disturbed area must be greater than or equal to the cultivation area.



22260

Please select one of the following, which best describes your cannabis cultivation activities:

- ☒ The cultivation occurs completely outdoors with no indoor cultivation component.
- ☐ The cultivation occurs both outdoors and indoors and all industrial wastewaters generated by the indoor cultivation is discharged to a community sewer system consistent with the sewer system requirements.
- ☐ The cultivation occurs both outdoors and indoors and irrigation tailwater, hydroponic wastewater, or other miscellaneous industrial wastewaters generated by the indoor cultivation is discharged to an on-site wastewater treatment system (such as a septic tank and leach field), to land, or to surface water.
- ☐ The cultivation occurs both outdoors and indoors and irrigation tailwater, hydroponic wastewater, or other miscellaneous industrial wastewaters generated by the indoor cultivation is discharged to an appropriate collection tank, and the wastewater in the collection tank is regularly collected by an authorized waste hauler who disposes of the wastewater to a community sewer system consistent with the sewer system requirements.

Section D - Enrollment Determination

Based on the information provided you will be applying for coverage under the Cannabis Cultivation General Order as a Tier 1 Low Risk site. If you disagree with this determination please contact your Regional Water Quality Control Board after submitting this application.

Section D - Site Coordinates

Use the map to select the geographic coordinates of the facility/cultivation site for which you are applying for coverage under the Cannabis Cultivation General Order. The coordinates shall be at the approximate center of the facility/cultivation area. Click the "Map" button to open the map. The map will open in a new window and will include instructions for selecting a site location.

★ County	Franklin
★ Lat/Long	40 1°39'7" -123 54'35.5"

If this screen does not show any coordinates or you receive an error upon closing the map window, click "Map" again and then close the map window without making changes. If you are still having problems with the map, click on the "Email for help on this page" link at the bottom of this page to request assistance.

Section D - Certification of Compliance with BPTC Measures for Tier 1 and Tier 2

Certification of Compliance with BPTC Measures in [Attachment A](#) of the Cannabis Cultivation General Order



- ☐ I comply with the BPTC measures in Attachment A of the Cannabis Cultivation General Order.
- ☐ I currently do not comply with the BPTC measures in Attachment A of the Cannabis Cultivation General Order but I will complete improvements by the onset of the winter period, following submittal of this application, to achieve compliance.
- ☐ I currently do not comply with the BPTC measures in Attachment A of the Cannabis Cultivation General Order and I will not complete improvements by the onset of the winter period, following submittal of this application. I will contact the Regional Water Board to establish a compliance schedule.

Section D - Certification Under Penalty of Law for Cannabis Cultivation General Order



☒ I certify that my cannabis cultivation complies with all applicable state, city, county, and local laws, regulations, ordinances, permits, and license requirements including, but not limited to, those for cannabis cultivation, grading, construction, and building.



☒ I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Electronic Signature for Cannabis Cultivation General Order application

Full legal name of the individual signing:

★ Diana Totten

Title of the individual signing: (e.g., Owner, Consultant, Cultivator)

★ Consultant

Date of signature:

★ 02/13/2020

End of Section D

Use the following navigation buttons to return to the previous sections:

[Introduction](#)

[Section A - Cannabis Cultivation General Order Eligibility Questions](#)

Section B - Small Irrigation Use Registration Water Rights
Screening

Section C - Cannabis Cultivation Site and Contact
Information

Section D - Currently Enrolled Under Another Order?

You have completed Section D. Please click 'Save and Continue' below to continue with the application. Please note that depending on your previous responses, you may see Section E or the Submission Page next.

Submission Page

Use the following navigation buttons to return to the previous sections:

Introduction

Section A - Cannabis Cultivation General Order Eligibility
Questions

Section B - Small Irrigation Use Registration Water Rights
Screening

SUBMISSION PAGE

NOTICE PURSUANT TO INFORMATION PRACTICES ACT OF 1977 (CIV. CODE, § 1798.17) The State Water Resources Control Board is requesting personal identifying information about the diverter/discharger and the person filing for this Small Irrigation Use Registration (SIUR) and coverage under the statewide General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities (General Order). The agency officials responsible for this system of records are Jane Ling, Senior Engineer, whose business address is 1001 I Street, 14th Floor, Sacramento, CA 95814 and whose business telephone is (916) 341-5335, and Kevin Porzio, Senior Engineer, whose business address is 1001 I Street, 15th Floor, Sacramento, CA 95814 and whose business telephone is (916) 341-6914. Upon request, the agency official(s) shall inform an individual regarding the location of his or her records and the categories of any persons who use the information in these records.

The State Water Resources Control Board is empowered to require the submission of personal identifying information by California Water Code sections 1228 and 13260. The submission of the name, address, and phone number of the diverter/discharger and person filing for SIUR and General Order coverage is mandatory. The submission of the e-mail address of the diverter/discharger and person filing for SIUR and General Order coverage is voluntary. Failure to provide the mandatory information for SIUR coverage can result in the imposition of administrative civil liability in the amount of \$500 and an additional \$250 per day for each additional day on which the violation continues if the person fails to cure the violation within 30 days after the State Water Resources Control Board has called the violation to the attention of the person. Failure to provide the mandatory information for General Order coverage can result in the imposition of administrative civil liability in the amount of \$1,000 per day.

This personal identifying information is collected to facilitate better water management and waste discharge management by the State Water Resources Control Board. The State Water Resources Control Board will not automatically post personal identifying information to public databases. However, the State Water Resources Control Board may be legally required to disclose personal identifying information under any of the circumstances described in Civil Code, section 1798.24. Such circumstances may include, but are not limited to, responding to a request pursuant to the California Public Records Act or responding to a subpoena from a federal agency.

You have provided the information needed to complete this application. After you click on **Submit** you will see a summary of the information you have provided and will have the ability to save a pdf copy of your information.

The next step for completing your application is to pay any fees associated with this application and submit authorization from a Native American tribe (if needed).

Cannabis Cultivation General Order Applicants: should you have any fees due, you will be notified in the Notice of Receipt for Cannabis Cultivation General Order, which you can access upon submittal. To access your Notice of Receipt for the Cannabis Cultivation General Order, click on **Show Notice of Receipt for Cannabis Cultivation General Order as PDF** on the next page. The Notice of Receipt for Cannabis Cultivation General Order includes the fee amount and instructions on how and where to pay the fee.

Water Rights Applicants: should you have any fees due, you will be notified in the Notice of Receipt, which you can access upon

submittal and will receive via email. To access your Notice of Receipt for Cannabis Small Irrigation Use Registration, click on **Show Notice of Receipt for Cannabis Small Irrigation Use Registration as PDF** on the next page. The Notice of Receipt includes the fee amount due as well as instructions on how and where to pay the fee.

You can view a summary of your application before submitting by clicking [here](#). The summary will open in a new tab. To return to this screen, simply close the tab with the application summary. If you need to make changes to your application, you may use the navigation buttons at the top of this page, or the **Prev button below to navigate to previous pages. You will not be able to edit your application after you submit.**



GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Notice of Receipt for Cannabis Small Irrigation Use Registration

Registration ID: H508957

THIS NOTICE OF RECEIPT IS NOT A WATER RIGHT

Based on the response provided for your cannabis cultivation water source, you do not need to file for a Small Irrigation Use Registration. You may use your existing water source for cannabis cultivation. Be aware - you may still need coverage under the Cannabis General Order. Even if you do not need a water right for your project, you are still required to comply with the Cannabis Cultivation Policy and all other state and local requirements that pertain to your water source. The Cannabis Cultivation Policy has additional requirements for your diversions including groundwater wells, and discharges.

If you feel you have reached this page in error, please contact the Cannabis Registration Unit at cannabisreg@waterboards.ca.gov or 916-319-9427.

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

1001 I Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, CA 95812-0100 | www.waterboards.ca.gov





State Water Resources Control Board

Cannabis General Order Application Number: 424191

Fee Payment Application Number: BA10424191

Self-Certification Date: 02/13/2020

NOTICE OF RECEIPT

STATE WATER RESOURCES CONTROL BOARD GENERAL WASTE DISCHARGE REQUIREMENTS AND WAIVER OF WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF WASTE ASSOCIATED WITH CANNABIS CULTIVATION ACTIVITIES

Your application for coverage under the Cannabis General Order has been received.

CDFA License

For dischargers seeking a cultivation license from CDFA, this Notice of Receipt is insufficient. Upon payment of your application fee (see Fee Payment section) and submittal of Native American tribal authorization (if needed; see Native American Tribe Authorization section below), you will receive a separate Notice of Applicability (NOA) to be used for obtaining a CDFA license.

Fee Payment

Within 30 calendar days of submitting your application, you must pay an application fee in order for your application to be complete.

Your fee category is: **Tier 1 Low Risk. Your application fee is \$600.00.**

Fee's are reassessed on a yearly basis based on program revenue, expenses, and stakeholder input. You can review the current Water Boards Fee Schedule and stakeholder announcements by visiting the following website: <https://www.waterboards.ca.gov/resources/fees/>.

The application fee can be paid using electronic funds transfer, a credit card, a check, money order, or cashier check.

- If you are paying via electronic funds transfer or credit card, visit the following website: http://www.waterboards.ca.gov/make_a_payment/. Include your Fee Payment Application Number when submitting your payment. Your Fee Payment Application Number can be found at the top right-hand corner of this Notice.
- If you are paying with a check, money order, or cashier check, make the check payable to the "State Water Resources Control Board", write the Fee Payment Application Number on the check, money order, or cashier check, and submit the payment to the following address:
State Water Resources Control Board
ATTN: Water Quality Fees - Cannabis General Order
PO Box 1888
Sacramento, CA 95812-1888.

Instructions for Paying Application Fees by Cash:

All cash payments must be submitted directly to the State Water Resources Control Board (State Water Board), not the Regional Water Quality Control Board. The State Water Board is able to accept cash payments at its downtown Sacramento location. Cash payments, however, will require additional time and an appointment with the State Water Board Sacramento office. A delay in enrollment due to the need for a cash payment is not an excuse for non-compliance with applicable enrollment requirements. To schedule an appointment to make a cash payment, please call (916) 341-5021.

Technical Reports

In accordance with the Cannabis General Order, **you may have one or more technical reports due**. Below is the list of technical reports due based on your site conditions.

All technical reports shall be submitted electronically to the North Coast Regional Water Board office at the following email address: NorthCoast.Cannabis@waterboards.ca.gov and shall include "Cannabis General Order" in the email subject line and your WDID Number and the Cannabis General Order Application Number. Your WDID Number will be assigned upon issuance of the Notice of Applicability and the Cannabis General Order Application Number can be found on the top-right hand corner of this Notice. Refer to the Cannabis General Order for additional information regarding submittal of these technical reports.

Based on the information you provided, your site conditions are: Tier 1 Low Risk with a cultivation area less than or equal to 1 acre and a slope less than or equal to 30 percent.

List of Technical Reports Due:

1) Site Management Plan - **due within 90 days of application submittal**

Compliance with Best Practicable Treatment or Control (BPTC) Measures

You have certified that your site qualifies as a Tier 1 Low Risk site and that you will complete improvements to achieve compliance by the onset of the winter period following submittal of this application. Winter period is defined in Attachment A of the Cannabis General Order.

Native American Tribe Authorization

This section does not apply to you.

For additional information regarding your application, please contact the North Coast Regional Water Board office. Current contact information for the North Coast Regional Water Board office:

5550 Skylane Blvd, Suite A

Santa Rosa, CA 95403

(707) 576-2220

northcoast.cannabis@waterboards.ca.gov

If you notice any errors in your application, please contact the North Coast Regional Water Board office for more information on providing the correct information. **Do not resubmit your application or begin a new application for the purposes of correcting errors, unless you are instructed to do so by the State Water Board or Regional Water Board.**

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

1001 I Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, CA 95812-0100 | www.waterboards.ca.gov



Cannabis Regulatory Program
North Coast Regional Water Quality Control Board
Site Management Plan

May 22, 2019 Version

Preparer Name:	Stephen Hohman	Application Number:	16206
Email Address:	Shohman@hohmanandassociates.com	Tier and Risk Designation:	
Site Name:	Old Harris Farm, LLC	Disturbed Area (ft²):	43,560
County:	Humboldt	Cultivation Area (ft²):	21,600
APN(s):	216-461-001	Cumulative Disturbed Area (ft²)*:	
Site Address:		Cumulative Cultivation Area (ft²)*:	

**For sites with multiple enrollments on the same property, report the combined disturbed area and cultivation area of all cannabis cultivation on the property. If this does not apply, leave this section blank.*

This plan describes how the cultivator is implementing the best practical treatment or control (BPTC) measures listed in Attachment A of the Cannabis General Order. Refer to Attachment D of the General Order for further technical report guidance. If the sections below do not provide sufficient space, you may attach additional pages.

Fill out the form electronically, save as a PDF file, and email the completed electronic form along with maps and photos to NorthCoast.Cannabis@waterboards.ca.gov. Please do not submit forms that have been printed and scanned.

1. Sediment Discharge BPTC Measures

A. Site Characteristics

<p>i. Site Map</p> <p>Attach a map of the site. The map should contain the following features with labels:</p> <ul style="list-style-type: none"> • Access roads • Vehicle parking areas • Streams • Stream crossings • Cultivation site(s) • Disturbed areas • Buildings • Other site features that are referenced in this plan. (e.g. BPTC measures, pesticide/ fertilizer storage, trash/ refuse storage, etc.) <p>The map should also include:</p> <ul style="list-style-type: none"> • A legend • A north arrow • A scale bar • Topographic lines
<p>ii. Access Road Conditions</p> <p>a. What is the road surface type(s)? Check all that apply.</p> <p><input type="checkbox"/> Asphalt <input checked="" type="checkbox"/> Gravel <input checked="" type="checkbox"/> Dirt <input type="checkbox"/> Concrete <input type="checkbox"/> Other (describe): _____</p>

b. Is there evidence of erosion, such as gullies or rills? If yes, describe current conditions and how they will be remediated in the space below.

✓ Yes No

There are several portions of the road system which require additional drainage facilities and or maintenance of existing drainage facilities. Please see the attached work order for descriptions of the sites and maps for the location.

c. Does any portion of the access road(s) act as a conveyance for water? If yes, describe in the space below.

✓ Yes No

There are areas where storm water is conveyed down the road slope. Please see attached work order for detailed descriptions of the sties and the remediations. The attached maps are provided to disclose the locations of the sites.

d. What is the estimated vehicle traffic on these roads?

Commuter vehicles: 1 per Day

Commercial vehicles: 1 per Week

Heavy equipment: 1 per Month

Other Visitors: 1 per Week

e. How is storm water drained from the roads? Check all that apply. Refer to *The Handbook for Forest Ranch and Rural Roads* for information on the methods listed below. (Available at <http://www.pacificwatershed.com/PWA-publications-library>.)

☐ Crowned ☒ Out slope ☒ Armored ditch ☒ Culverts ☒ Rolling dips ☒ Other (describe below)

Temporary or decommissioned roads will divert drainage with water-bars and or straw wattles.

f. Describe the number, spacing, and discharge location of water drainage features.

Water drainage features will be kept to a maximum spacing of 200' based on the general slope of the roads. The features used are "outsloping", "Rocked Rolling Dips", "Inside Ditches" & Ditch Relief Culverts. All surface drainage will be disconnected prior to any stream crossings and will not be discharged into any unstable areas. Specific Drainage features are described in the attached Work Order.

g. Select the erosion control and sediment capture measures used on the access roads and water drainage features. Check all that apply.

Erosion Control Measures

- ☐ Erosion control blankets ☐ Geotextiles ☒ Straw mulch ☐ Hydromulch ☐ Wood mulch
☒ Vegetation Preservation ☐ Vegetation Planting ☐ Hydroseeding ☒ Vegetated channels
☐ Check dams ☒ Other: Rock and Gravel

Sediment Capture Measures

- ☒ Fiber Rolls ☐ Silt fences ☐ Other: _____

Describe the selected measures in the space below:

Straw mulch will be used to stabilize disturbed soils and to reduce sediment at crossings as described within the attached work order. Where existing vegetation stabilization exists disturbance of these areas is to be avoided if possible. Vegetated storm drainage channels will be used to dissipate surface drainage and reduce sediments entering the streams. Rock and gravel will be used to reduce surface erosion from runoff and to stabilize road surfaces to reduce dust and fine erosion from wind. Heavy rock will be used to stabilize stream crossings and rolling dips as described within the attached work order.

h. What activities are done to maintain the roads? What activities are done to maintain erosion control measures? What is the maintenance schedule?

Regular maintenance and monitoring of the road surface drainage facilitates, stream crossings & surfacing are required to keep the road system functioning correctly. Maintenance and monitoring includes

1. Checking and clearing all culvert inlet of debris ensuring that the culverts (both stream crossings and ditch relief culverts) are clear and functioning properly.
2. Checking on all surface drainage such as rocked rolling dips, outsloped surfaces and inside ditches are functional and not eroding. All issues are to be corrected in a timely manner to ensure further degradation does not occur.
3. Insure that all roads leading to the sites are surfaced to provide year around access and to reduce dust during the dry period and surface erosion during the winter period. Monitor and reapply gravel as necessary.
4. Monitoring shall occur monthly with a mandatory monitoring and maintenance prior to the onset of the winter period.

For specific corrective road maintenance please see the attached work order.

iii. Streams

a. Do you have any streams, drainages, or channels on or adjacent to your property?

☒ Yes ☐ No

b. If applicable, provide the name(s) of the stream(s). If the stream, drainage, or channel doesn't have a name, write "Unnamed Stream":

The parcel contains unnamed streams that are tributaries to Frenchman Creek, a tributary to the Jewett Creek, a tributary to the Eel River, which is a tributary to the Main Stem Eel River. All sites after remediation will be more than 50 feet from the nearest class III drainage or watercourse, more than 100 feet from a class II, and more than 150 feet from a class I.

c. If there is a stream, what is the distance between the edge of the stream bank and the edge of the disturbed area at the closest point? How did you take this measurement?

100.00 feet Measurement method: (Laser Rangefinder)

d. Do you have any stream crossings?

☒ Yes ☐ No

e. If yes, what types of crossings are they? If there are multiple crossings, check all that apply.

☐ Bridge ☒ Culvert ☒ Low water ☐ Other, Describe: _____

f. If yes, was the crossing designed by a Qualified Professional (e.g. licensed engineer)?

☒ Yes ☐ No

g. Provide a description of all stream crossings, including who designed them, number of crossings, material, size, frequency of use, and any other relevant details. Indicate the location of stream crossings on your site map. Attach photos of all stream crossings and cross-sectional areas of all engineered flow conveyances (e.g. culverts and ditches) used at crossings.

The road system crosses Class II & III streams at RP- 5, 9, 13, & 14. All crossing were evaluated by a Registered Professional Forester Stephen Hohman and/or his designee. The crossings were evaluated using current Forest Practice standards and the standards for commercial cannabis roads. For detailed information on each stream crossing please see the attached work order.

B. Sediment Erosion Prevention and Sediment Capture

If you are classified as Moderate Risk Tier 1 or Moderate Risk Tier 2 and are submitting a Site Erosion and Sediment Control Plan that includes the following information, you may skip this section.

i. Erosion Prevention BPTC Measures

On your site map, indicate the location of erosion prevention BPTC measures described below. Describe erosion prevention BPTC measures around all disturbed areas and features. Include BPTC measures implemented to address erosion resulting from storm water runoff from impervious surfaces, including but not limited to parking lots and roofs of greenhouses, warehouses, or storage facilities. Attach photos documenting implemented measures and locations for planned implementation.

a. How is storm water drained from buildings, greenhouses, and other structures? How are storm water conveyance systems monitored and maintained to protect water quality?

The existing sites are primarily on well drained soils with less than 5% slopes minimal overland flow is expected. A buffer of native vegetation will be maintained and not disturbed surrounding the site. All exposed or disturbed soils will be covered with straw mulch and planted with native grass seeds. Any erosion observed on site will be controlled with straw wattles and bales. See attached SMP work order for specific mitigation points.

b. What physical BPTC measures have been implemented to prevent or limit erosion? Check all that apply.

☒ Straw mulch ☐ Wood mulch ☐ Hydromulch ☐ Plastic covers ☒ Slope stabilization ☐ Soil binders
☐ Erosion control blankets ☐ Geotextiles ☒ Culvert outfall armoring ☒ Other:

Rock and Gravel

Describe the physical BPTC measures checked above, including when they are used and where they are placed. A buffer of native vegetation will be maintained and not disturbed, surrounding the site. All exposed or disturbed soils will be covered with straw mulch and planted with native grass seeds. Any erosion observed on site will be controlled with straw wattles and bales. All stream crossings and road drainage facilitates shall be monitored to ensure they are functioning properly and free from debris. See attached SMP work order for specific mitigation points.

c. What biological BPTC measures have been implemented to prevent or limit erosion? (e.g. vegetation preservation/ replacement, hydro seeding, etc.)? Check all that apply.

☒ Vegetation preservation ☒ Vegetation planting ☐ Hydroseeding ☒ Other:

Grass seeding and straw mulch, wattles & bales

Describe the biological BPTC measures checked above, including when they are used and where they are employed.

The existing sites are primarily on well drained soils with less than 5% slopes, minimal overland flow is expected. A buffer of native vegetation surrounding the site will be maintained and not disturbed. All exposed or disturbed soils will be covered with straw mulch and planted with native grass seeds. Any erosion observed on site will be controlled with straw wattles and bales. See attached SMP work order for specific mitigation points.

d. What physical and biological BPTC measures do you plan to implement to prevent or limit erosion? Check all that apply.

Physical BPTC measures:

- ☒ Straw mulch ☐ Wood mulch ☐ Plastic covers ☐ Slope stabilization ☐ Soil binders
☐ Culvert outfall armoring ☒ Other: Rock Armoring

Biological BPTC measures:

- ☒ Vegetation preservation ☐ Native vegetation planting ☐ Hydroseeding ☒ Other:

Hand Seeded Native Grass Mix

Describe the planned BPTC measures and provide an implementation schedule below.

All disturbed or bare soils shall be covered with straw mulch and planted with native grass seed mix prior to Nov 15 each year. See attached SMP work order for specific mitigations.

ii. Sediment Control BPTC Measures

On your site map, indicate the location of sediment control BPTC measures described below. Describe sediment control BPTC measures around all disturbed areas and features. Attach photos documenting implemented measures and locations for planned implementation.

a. What physical BPTC measures have been implemented to capture sediment that has been eroded? Check all that apply.

☐ Silt fences ☐ Fiber rolls ☐ Settling ponds/ areas ☒ Other: Road surface and inside ditch rocking

Describe the physical BPTC measures checked above, including when they are used and where they are placed. All access roads shall be regularly monitored and maintained; insuring that surfaces are adequately rocked and drainage and stream crossings are functioning properly and free of derbies. Any erosion issues observed shall be addressed and the measures described below implemented in a timely manor. See attached SMP work order for specific mitigation points.

b. What biological BPTC measures have been implemented to capture sediment that has been eroded? Check all that apply.

☐ Vegetated outfalls ☐ Hydro seeding ☒ Other: Hand Seeded Native Grass Mix

Describe the biological BPTC measures checked above, including when they are used and where they are employed. The existing sites are primarily on well drained soils with less than 5% slopes minimal overland flow is expected. A buffer of native vegetation surrounding the site will be maintained and not disturbed. All exposed or disturbed soils will be covered with straw mulch and planted with native grass seeds. Any erosion observed on site will be controlled with straw wattles and bales. See attached SMP work order for specific mitigation points.

c. What physical and biological BPTC measures do you plan to implement to prevent or limit erosion? Check all that apply.

Physical BPTC measures:

☐ Silt fences ☐ Fiber rolls ☐ Settling ponds/ areas ☒ Other: Road rocking , culvert and drainage armor.

Biological BPTC measures:

☐ Vegetated outfalls ☐ Hydro seeding ☒ Other: Straw mulch and grass seed.

Describe the planned BPTC measures and provide an implementation schedule below.

All access are rocked and will be maintained as rocked roads to reduce surface erosion. Exposed bare soils shall be covered with straw mulch and planted with native vegetation to reduce erosion. Any area within the site or access roads where erosion is observed will implement straw waddles and or bales to capture sediments. Regular maintenance and monitoring shall occur to ensure all erosion control measure are in place and functioning properly throughout the winter period. See attached SMP work order for specific mitigation measures.

iii. Maintenance Activities- Erosion Prevention and Sediment Control

a. How will erosion prevention BPTC measures, sediment control BPTC measures, and stormwater conveyance systems be monitored and maintained to protect water quality? Describe all required maintenance tasks and a schedule for implementation.

A LSAA is being filed concurrently with this SMP and all culverts specified in the work-order are to be replaced within 5 years. All associated road will be storm proofed prior to November 15 each year. Regular maintenance and monitoring will occur during the winter period to ensure all culvert crossings and drainage structures are functioning and free of derbies. See attached SMP work order.

b. How will captured sediment be handled? Check all that apply.

☒ Stabilized in place. ☒ Excavated and stabilized on site. ☐ Removed from the site.

Describe the procedure for handling captured sediment below:

All areas of exposed soil will be covered with straw mulch and planted with native grass seed. If erosion and sediment transportation is observed straw bales and waddles will be used to capture sediments which will be excavated and stabilized on site. See attached SMP work order for detailed mitigations.

2. Fertilizer, Pesticide, Herbicide, and Rodenticide BPTC Measures

A. Product List

In the sections below, list all products used and describe how they are delivered to the site, how they are stored, and how they are used at the site. Also describe how products will be removed from the site or stored to prevent discharge if they are not consumed before the winter season. If there is not enough space, list remaining products on a separate sheet.

i. Fertilizers

Product Name	Product Description
Iguana Juice Organic grow OMI	100% Organic with all macro and mirco nutrients
Ancient Earth Organic OIM	Humic and fulvic acids
Sensizym Organic OIM	Root enzyme
Iguana Juice Organic bloom OM	Contains all macro and micro nutrients
Big Bud Organic OIM	Phosphorus, Potassium and amino acids
Bud Candy Organic OIM	Carbohydrates and glucose
Mother Earth Super Tea Organi	Complex, vitamins, potassium, phosphorus and nutrients

ii. Pesticides

Product Name	Active Ingredient and Product Description
Diatomaceous earth	Cristobalite quartz applied to soil
Plant therapy	Soybean oil, peppermint essential oil, citric acid. Saturate your infested plants
Lady Bugs	Natural insect predation
Neem Oil	Pest deterrent
Ceder Oil	Pest deterrent
Rosemary Oil	Pest deterrent
Omni shield mildew cure	Controls mildew problems

iii. Herbicides

iii. Herbicides	
Product Name	Active Ingredient and Product Description

None

iv. Rodenticides

iv. Rodenticides	
Product Name	Active Ingredient and Product Description

None

B. Product Storage Location

i. Do you use secondary containment for the storage of fertilizers, pesticides, herbicides, and rodenticides?

☒ Yes ☐ No

ii. Where are products stored on site? Indicate the storage location on your site map.

Please see the attached Map for location of the structures for chemical storage for this application.

C. Bulk Fertilizers and Chemical Concentrates

i. How are bulk fertilizers and chemical concentrates stored, mixed, and applied?

Fertilizers and pesticides are brought on site by the site manager. A secondary containment for the storage of fertilizers and pesticides shall be used. The products listed in the tables above are stored in the designated structures. All products are placed on top of catchment containers on the floors. The catchment container trays are designed to prevent spills and spill kits are kept in the storage container. The bulk fertilizers and chemical concentrates are mixed within totes in catchment containers within the shipping container.

ii. How are empty containers disposed of?

Empty containers will be temporally stored in the trash storage area in sorted 50' gallon trash cans and then properly disposed/recycled of at the local refuge site.

D. Spill Prevention and Cleanup Plan

i. What procedures are in place to prevent spills of fertilizers, pesticides, herbicides, and rodenticides?

All fertilizers, and pesticides will be stored and mixed in approved containers, with catchment containers placed below them. All storage and mixing will be done in specified areas.

ii. What procedures are in place to clean up spills if they occur?

Granulated liquid absorbent, or pads will be kept on site. If a liquid chemical spill occurs granulated absorbent will be used to create a berm around the spill to prevent it from spreading then cover the spill area. If pads are used, start laying them down around the edge to arrest the spill then cover spill area allow the absorbent to become fully saturated. Pick up all of the saturated material and repeat until the bulk of the spill is picked and absorbed. Contain and dispose of the used absorbent according to local laws and ordinances.

For dry chemical spills sweep or vacuum the settled residual dry chemical. If vacuuming, use a filter such as a HEPA filter which is capable of trapping the small dry chemical particles. If necessary, wipe with a damp soft cloth. Wash the area with a mild soap and water solution; then rinse and blow dry to remove residual water.

3. Petroleum Product BPTC Measures

A. Product List

In the sections below, list all products used and describe how they are delivered to the site, how they are stored, and how they are used at the site. Also describe how products will be removed from the site or stored to prevent discharge if they are not consumed before the winter season.

Product Name	Product Description
Gasoline	Gasoline for quads, vehicles, and generators
Diesel	Diesel for small equipment
Oil	Oil for quads and or equipment

B. Product Storage Location

i. Do you use secondary containment for the storage of petroleum products?

☒ Yes ☐ No

ii. Where are products stored on site? Indicate the storage location on your site map.
Please see the Project Map for location of the structures for chemical and fuel storage.

C. Product Use

i. How are fuels, lubricants, and other petroleum products stored, mixed, and applied?

Petroleum products are stored in state approved plastic containers. Gas and oil is used for quads generators, and other small equipment. The containers are stored within a storage structure. Total combined gas, diesel and oil stored on site will not exceed 150 gallons.

ii. How are empty containers disposed of?

Empty oil containers will be temporally stored in the trash storage area within the structures in sorted 50' gallon trash cans and then property disposed/recycled of at the local refuge site. Gasoline and Diesel containers are reusable.

D. Spill Prevention and Cleanup Plan

i. What procedures are in place to prevent spills of petroleum products?

Catchment trays are placed below equipment before fueling or oil changes.

ii. What procedures are in place to clean up spills if they occur?

Granulated fuel absorbent, or pads will be kept on site. If a fuel spill occurs granulated absorbent will be used to create a berm around the spill to prevent it from spreading then cover the spill area. If pads are used, start laying them down around the edge to arrest the spill then cover spill area allow the absorbent to become fully saturated. Pick up all of the saturated material and repeat until the bulk of the fuel is picked up. Contain and dispose of the used absorbent according to local laws and ordinances. Wet the area with water and scrub it using soap and a brush if applicable and rinse it thoroughly with fresh water.

A first aid kit, eyewash station, and fire extinguishers will be made available at site within the storage building. There will be a Safety Data Sheet (SDS) station located in container where visible, central to the designated storage area for all products utilized on site.

4. Trash/ Refuse, and Domestic Wastewater BPTC Measures

A. Type of Trash/ Refuse

i. What types of trash/ refuse will be generated at the site? Include a description of all solid waste materials (e.g. spent hydroponic growing media, organic materials, plastic, paper, glass, clay, etc.)

Trash and refuse generated at the site are mainly cultivation related waste with a small amount of household waste. Cultivation waste includes nutrient containers, soil bags, and other related items.

ii. How will trash/ refuse be contained and properly disposed of?

Trash will temporary be stored in 50 gallon trash cans within the storage building to prohibit disturbance from wildlife 50 gallon cans will also be used for sorted recycling. The trash will be hauled to the dump and property disposed/recycled weekly to the Garberville Transfer Station.

iii. Where will trash/ refuse be stored? Indicate the location of trash/ refuse storage on your site map.

Please see Project Map attached below for the location of the building where trash is to be temporarily stored.

B. Personal Waste

i. How many employees, visitors, and residents will you have at the site?

Employees: 1

Residents: 1

Visitors: 2 per Week

ii. What types of domestic wastewater will be generated at the site? Check all that apply.

☒ Household generated wastewater ☒ Chemical toilet waste ☐ Other:

iii. How will domestic wastewater be disposed? Check all that apply.

☐ Sewer

☐ Permitted onsite wastewater treatment system (e.g. septic tank and leach lines) Provide a schematic and a copy of your permit for the system.

☒ Chemical toilets or holding tank. If so, provide the name of the servicing company and frequency of service:
B&B Portable Toilets serviced seasonally

☐ Outhouse, pit privy, or similar. (Use of this alternative requires approval from the Regional Board Executive Officer. Attach the approval from the Executive Officer and any conditions imposed if using this alternative. Indicate the location of any domestic wastewater treatment, storage, or disposal areas on your site map, as well as the locations of all water wells (e.g. drinking water, irrigation water, commercial water, etc.) inside or within 0.5 mile of the site boundary.)

5. Winterization BPTC Measures

A. Winterization Activities Performed

What activities will be performed to winterize the size and prevent discharges of waste?

Once the harvest is finished the site manager will start the winterizing procedure, which consists of disconnecting and storing the irrigation system, planting cover crops, and installing mulch and erosion prevention measures. All irrigation equipment, tools, and other cultivation related equipment will be labeled, cleaned, winterized and stored in one of the sheds on site. These activities will occur prior to the winter period of Nov 15 each year.

B. Maintenance of Drainage and Sediment Capture Features

What maintenance activities will be performed to remove debris and soil blockages from drainage and sediment capture features (e.g. drainage culverts, drainage trenches, settling ponds, etc.) and ensure adequate capacity exists? Include a description of how all solid waste materials are managed.

All exposed soil shall be reseeded and mulched with straw. Erosion control measures consisting of straw wattles, straw bales and straw mulch shall be in place no later than Nov 15. All captured sediment will be excavated and stabilized on site prior to Nov 15 each year. Site is proposing drip irrigation and is on well drained soils with mild slopes of approximately less than 5%, minimal sediment is anticipated.

C. Revegetation Activities

What revegetation activities will occur at the beginning or end of the precipitation season?

Native vegetation will be maintained around the site to buffer the cultivation area. Winter cover crops are recommended to reduce erosion of the site.

D. Compliance Schedule

If any Winterization BPTC measure cannot be completed before the onset of winter period, contact the Regional Water Board to establish a compliance schedule.

Provide a timeline for implementation of these measures:

All winterization activities shall occur prior to Nov 15 each year.

6. Cannabis Cultivation Details

A. Growing Methods

i. Where is cannabis grown?
☒ Fully outdoor ☒ Hoophouse ☐ Greenhouse with permeable floors ☐ Other (please describe):

ii. What type of container is cannabis grown in? Check all that apply.

☒ In ground ☐ Raised beds ☒ Pots/ grow bags/ trays on the ground
☐ Pots/ grow bags/ trays elevated off the ground ☐ Other (describe):

iii. If cannabis is grown in containers elevated off the ground, is irrigation tailwater collected?

☐ Yes ☐ No ☐ A portion of it is collected ☒ N/A

If yes, describe what you do with the captured irrigation tailwater:

B. Irrigation Water Treatment

i. Is irrigation water filtered prior to use?

☐ Yes ☒ No

If irrigation water is filtered, answer the questions below:

ii. What type of filtration is used (i.e. reverse osmosis, ion exchange, etc.)?

iii. What is the maximum volume of water filtered per day?

iv. How are filter residuals (i.e. brines, etc.) disposed of?

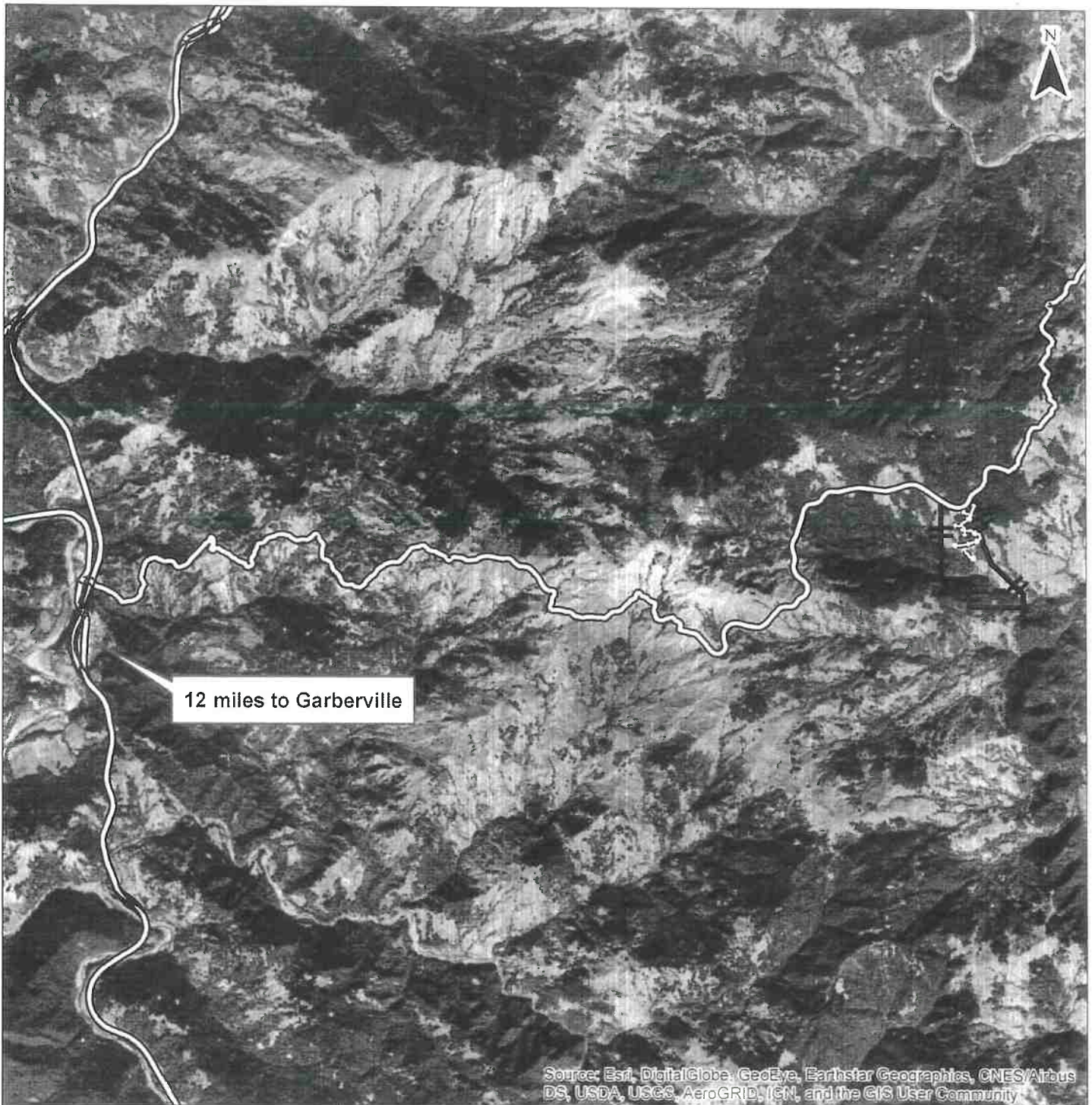
v. What is the volume of residual produced?
_____ gallons per Day

7. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

☐ I have read and accept the above terms.

Operator/Responsible Party _____ Date Prepared _____



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Old Harris Farm LLC
General Location Map

APN# 216-461-001-000

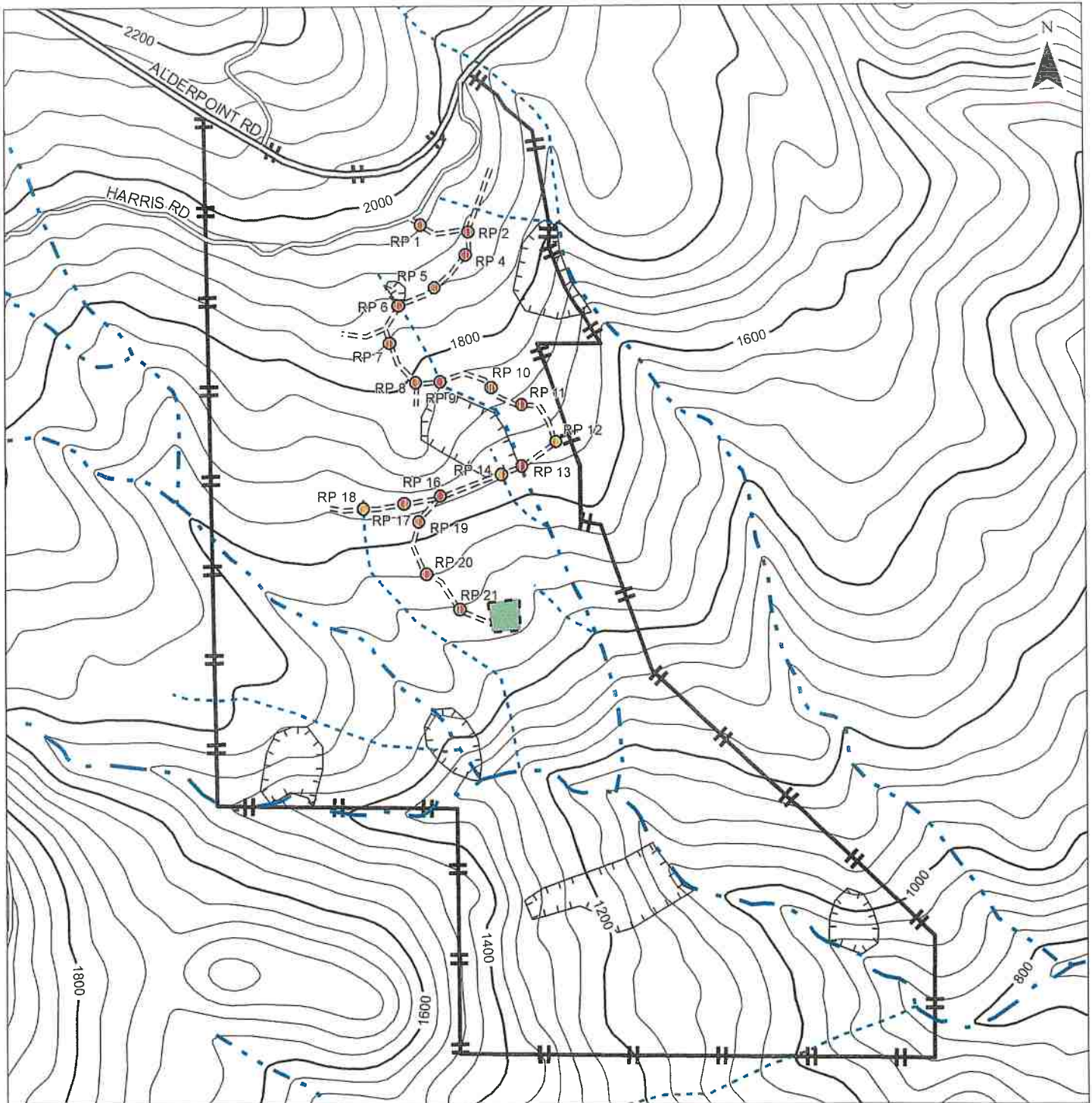
Site Address: Alderpoint Rd, Garberville,
CA 95542

Section 17; T4S; R5E; HB&M, Humboldt
County
Located on the Harris 7.5' USGS
Quadrangle

- ===== Access Road (Seasonal, Dirt)
- ==== County Roads (Permanent, Asphalt)
-  Project Boundary


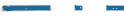







0 3,250 6,500 13,000 Contour Interval: 40'
Feet 1 inch = 7,083 feet

Hohman And Associates Forestry Consultants
Date: 5/11/2020



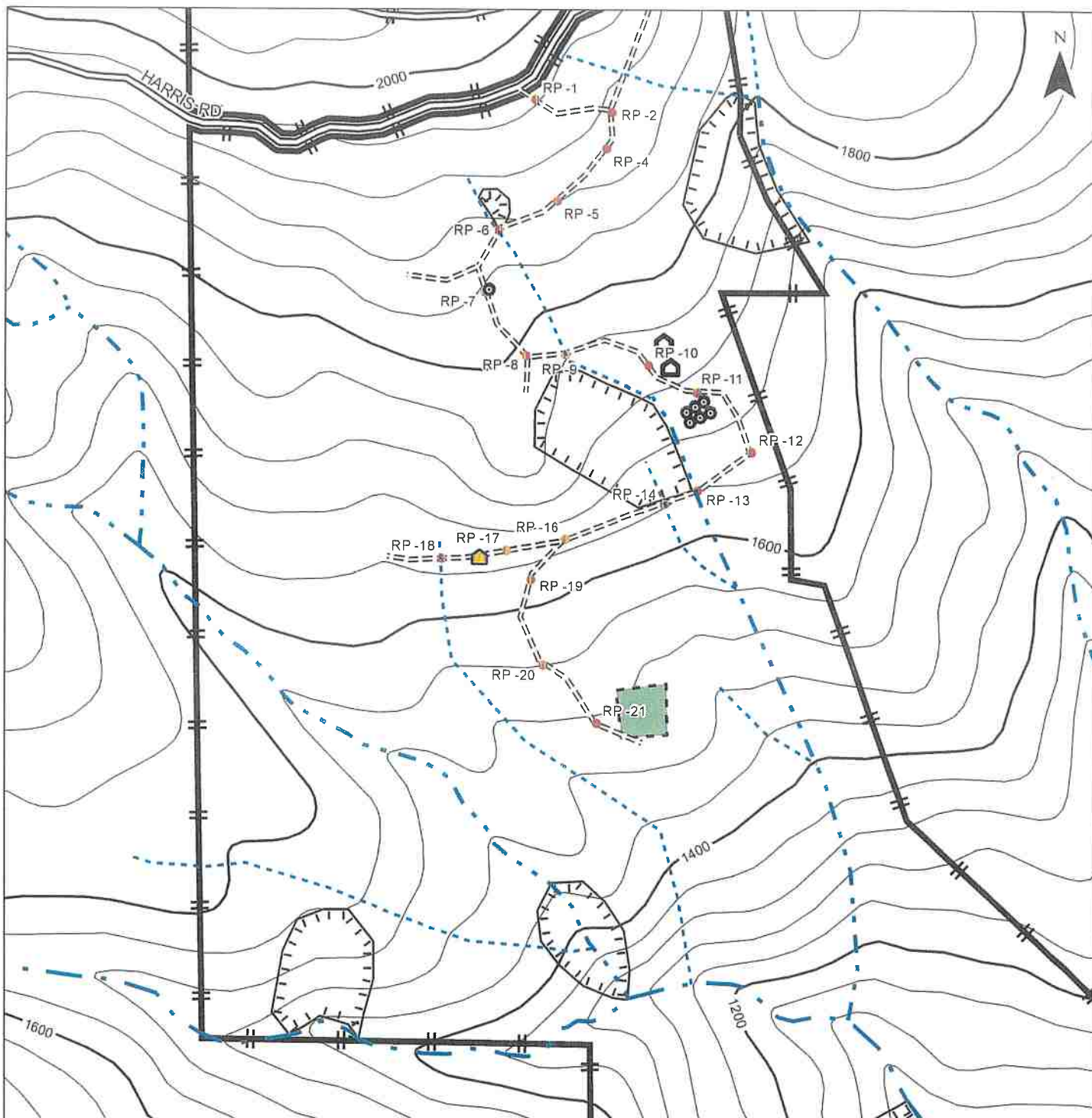
Pyhtila Operations Map

Section 17; T4S; R5E; HB&M; Humboldt
County
Located on the Harris 7.5' USGS
Quadrangle

-  Road Point
-  Class I Watercourse
-  Standard Class II Watercourse
-  Class III Watercourse
-  Seasonal Dirt Road
-  Local Road
-  Major Road
-  Unstable Feature
-  Cannabis Site
-  Project Boundary

0 370 740 1,480 Contour Interval: 40'
Feet 1 inch = 800 feet

Hohman And Associates Forestry Consultants
Date: 4/13/2020



Old Harris Farm LLC
Detail Map 2

APN# 216-461-001-000

Site Address: Alderpoint Road, Garberville,
CA 95542

Section 17; T4S; R5E; HB&M; Humboldt
County
Located on the Harris 7.5' USGS
Quadrangle

- | | | | |
|--|-------------------------------|--|-----------------------------------|
| | Class I Watercourse | | Access Road (Seasonal, Dirt) |
| | Standard Class II Watercourse | | County Roads (Permanent, Asphalt) |
| | Class III Watercourse | | Cannabis Site (21,600 Sq. Ft.) |
| | Water Tank | | Unstable Features |
| | Drying Shed | | Parcel Boundary |
| | Chemical Storage Container | | |
| | Road Points | | |

0 230 460 920 Contour Interval: 40'
 Feet 1 inch = 500 feet

Hohman And Associates Forestry Consultants
Date: 5/11/2020

Remediation Point Work Order OLD Harris Farm, LLC - SMP

RP-1: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-2: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-3: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-4: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-5: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-6: Existing dirt ford crossing on a class III watercourse. Excavate fill material and install a dry rock ford. Taper road approach 18" deep to ensure the channel catches the watercourse. Line the watercourse channel with 4"-6" diameter rock. Line the approaches for 25' left and right of the channel with 3" minus aggregate road base. Rock armor channel outfall with 6" to 18" diameter rock and extend 5 feet down channel. Install larger diameter rock, 24" at the base of the armor and key into the slope. Potential of 8 cu. yards of erosion. CDFW 1600 required.

RP-7: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-8: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-9: Existing dirt ford crossing on a class III watercourse. Excavate fill material and install a dry rock ford. Taper road approach 18" deep to ensure the channel catches the watercourse. Line the watercourse channel with 4"-6" diameter rock. Line the approaches for 25' left and right of the channel with 3" minus aggregate road base. Rock armor channel outfall with 6" to 18" diameter rock. Install larger diameter rock, 24" at the base of the armor and key into the slope. Potential of 13 cu. yards of erosion. CDFW 1600 required.

RP-10: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-11: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-12: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-13: Existing dirt ford crossing on a class II watercourse. Replace with a 36" diameter culvert. Line the inlet and outlet with 12" to 18" diameter rock. Install a critical dip on the center of the hinge line. Line the dips with 4-6" diameter rock to prevent surface erosion. Rock the road surface for 100' left and right of the culvert to reduce overland flow. CDFW 1600 document required. 20 cubic yards of erosion potential if left unrepaired.

RP-14: Existing dirt ford crossing on a class III watercourse. Excavate fill material and install a dry rock ford. Taper road approach 18" deep to ensure the channel catches the watercourse. Line the watercourse channel with 4"-6" diameter rock. Line the approaches for 25' left and right of the channel with 3" minus aggregate road base. Armor channel outfall with 6" to 18"

diameter rock. Install larger diameter rock, 24" at the base of the armor and key into the slope. Potential of 5 cu. yards of erosion. CDFW 1600 required.

RP-16: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

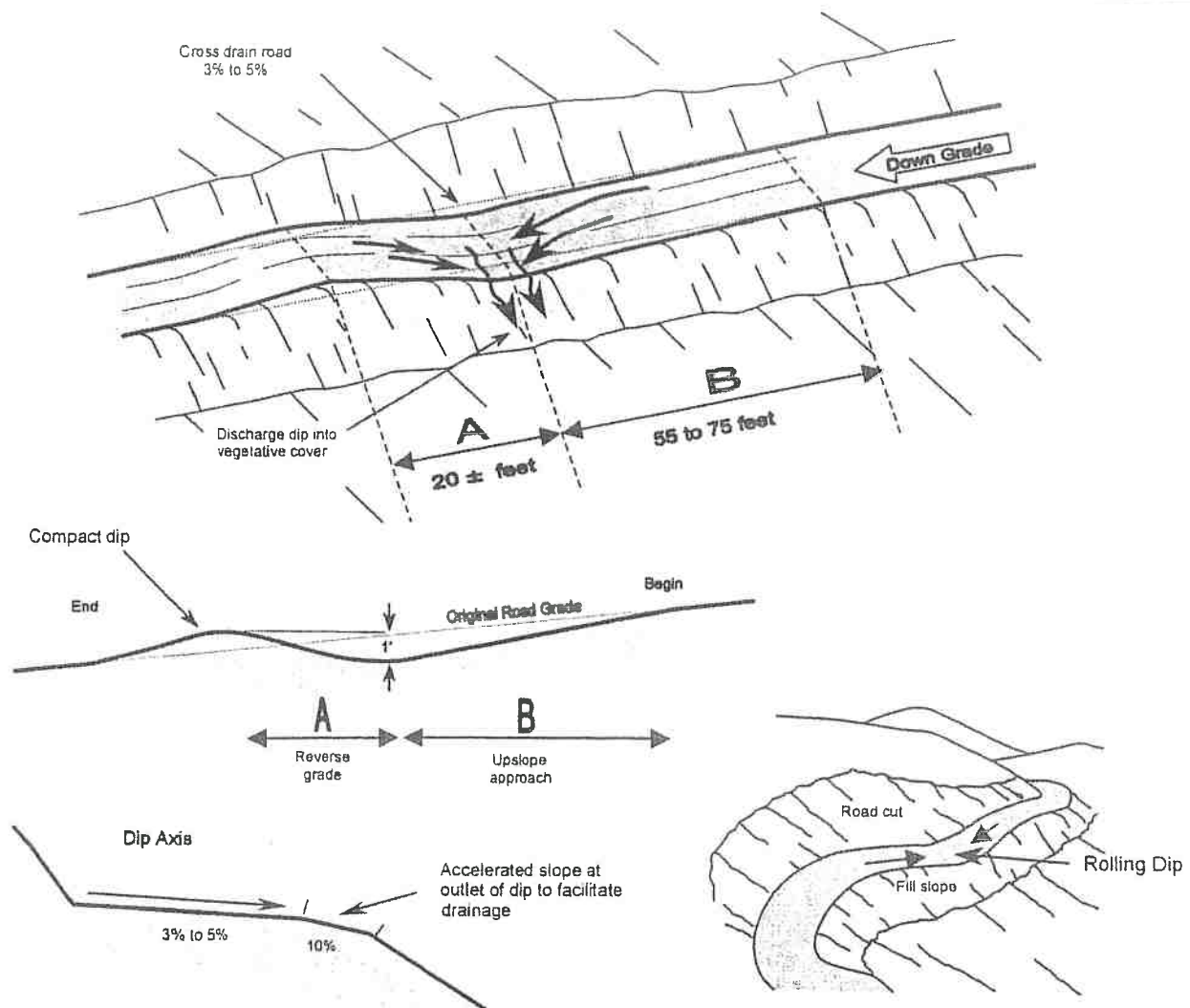
RP-17: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-18: Existing dirt ford crossing on a class III watercourse. Excavate fill material and install a dry rock ford. Taper road approach 18" deep to ensure the channel catches the watercourse. Line the watercourse channel with 4"-6" diameter rock. Line the approaches for 25' left and right of the channel with 3" minus aggregate road base. Rock armor channel outfall with 6" to 18" diameter rock. Install larger diameter rock, 24" at the base of the armor and key into the slope. Potential of 3 cu. yards of erosion. CDFW 1600 required.

RP-19: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-20: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.

RP-21: Install a rocked rolling dip to divert surface drainage. The dip shall be lined with 4" to 6" mixed diameter sharp angular rock. The dip shall be constructed to catch and drain the inside ditch in addition to the road surface.



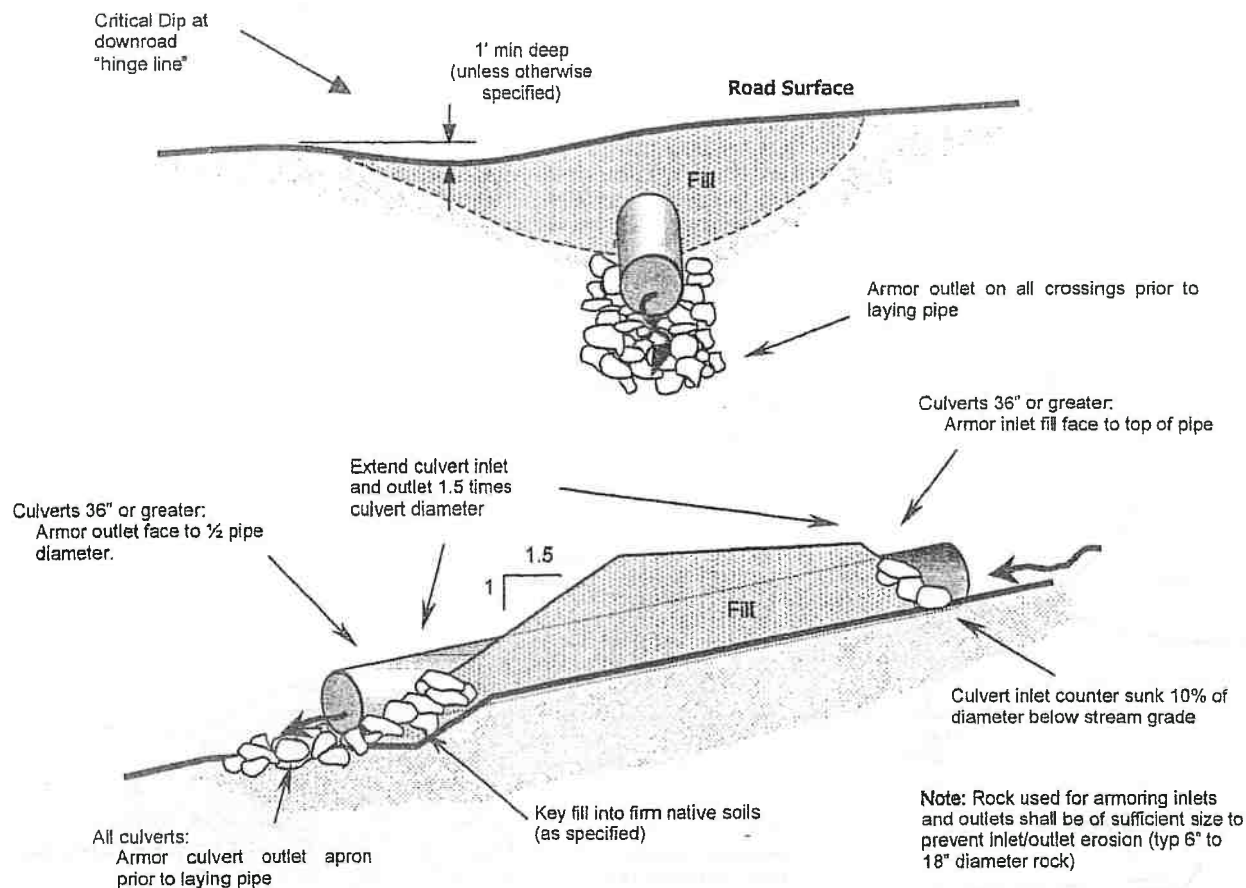
ROLLING DIP DIMENSIONS					
		MAIN LINE ROAD		SECONDARY ROAD	
Road Grade (%)	Depth of trough Depth below downslope crest (ft)	A: Reverse grade (Distance from trough to downroad crest (ft))	B: Upslope Approach Distance from up-road start of rolling dip to trough (ft)	A: Reverse grade (Distance from trough to downroad crest (ft))	B: Upslope Approach Distance from up-road start of rolling dip to trough (ft)
<6	1.0	20	65	15	55
6 - 8	1.0	20	75	15	65

NOTES:

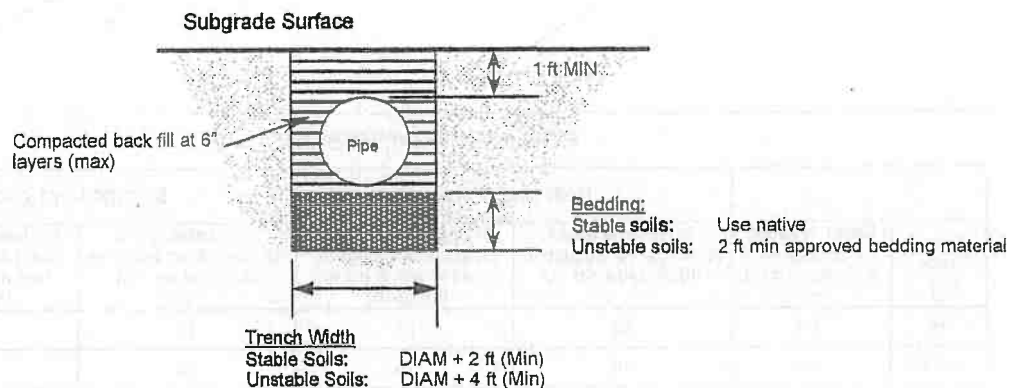
- A rolling dip is a broad long permanent dip constructed into native soils. It is intended to drain the road while not significantly impeding traffic.
- The cross drain road (outslope) at 3% to 5%
- Dip outlets should be located to drain into areas with adequate sediment filter quality and non-erodible material such as rock, slash, brush, etc. Where specified, the bottom of the outfall of the dip will be surface rocked.
- Where natural slopes exceed 50%, fill shall not be pushed over the dip outlet. A backhoe or excavator may be required to pull back fill at outlet of existing dips.

ROLLING DIP STANDARD PLAN

Standard Detail



Note: Rock used for armoring inlets and outlets shall be of sufficient size to prevent inlet/outlet erosion (typ 6" to 18" diameter rock)

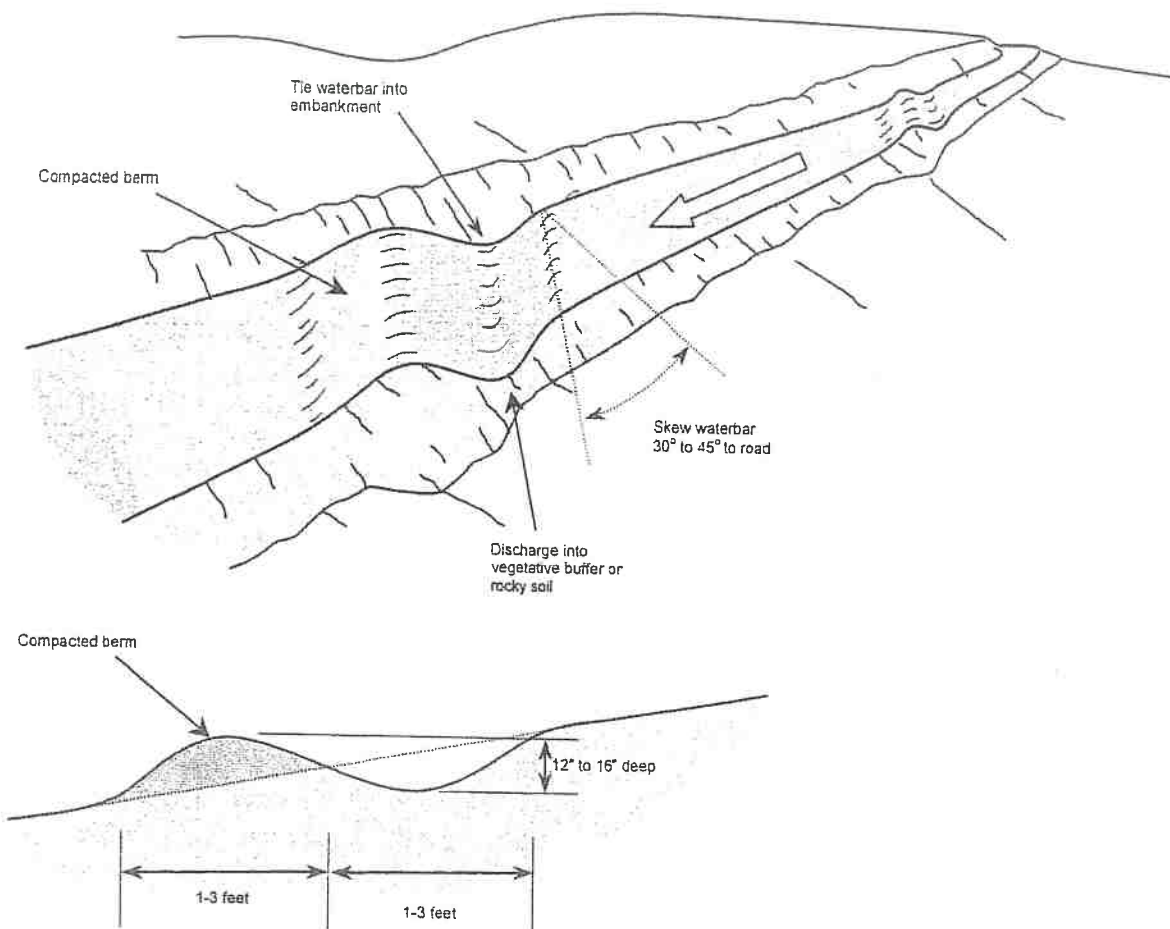


Notes:

- The culvert bed shall be clean and free of large woody debris and large rocks.
- Unsuitable foundation material (highly plastic material - "blue goo") shall be excavated below the invert elevation of the culvert to an approximate depth of 2 feet and a width of at least the culvert diameter plus 4 feet.
- Unsuitable material shall be replaced with selected granular foundation material and compacted to obtain a uniform foundation.
- Select mineral soil shall be used for culvert backfill. The back fill shall be free of lumps, chunks, highly plastic material, and organic material.
- No rocks greater than 3" in any dimension placed closer than 1 foot to the culvert.
- Back fill shall be compacted to a degree greater than the surrounding soils. Soil moisture shall be adequate to achieve suitable compaction.
- See Text for more detail.

**PERMANENT WATERCOURSE
CROSSING STANDARD PLAN**

Standard Detail



NOTES

1. Identify waterbar locations that take advantage of natural drainage features and minimize the amount of disturbance required for waterbar construction.
2. All waterbars shall begin at the intersection of the roadbed surface and the cut slope and run the entire width of the road surface prism.
3. Waterbar length shall not exceed 1.5 times the width of the road surface.
4. Acceptable waterbars shall be skewed 30 to 45 degrees.
5. All waterbars shall have free flowing outlets with minimum 2% grade in the bottom of the channel that discharge onto vegetative surfaces or less erodible material where possible.
6. Native materials used to construct downslope berm shall be compacted with equipment to minimize wear resulting from trespass and/or administrative use.
7. Waterbar depth measured from the bottom of the waterbar channel to the top of the compacted berm must be between 12" and 16" high.
8. Compacted waterbars must be passable in a 4WD vehicle unless otherwise specified in the contract or by a logging supervisor in writing.

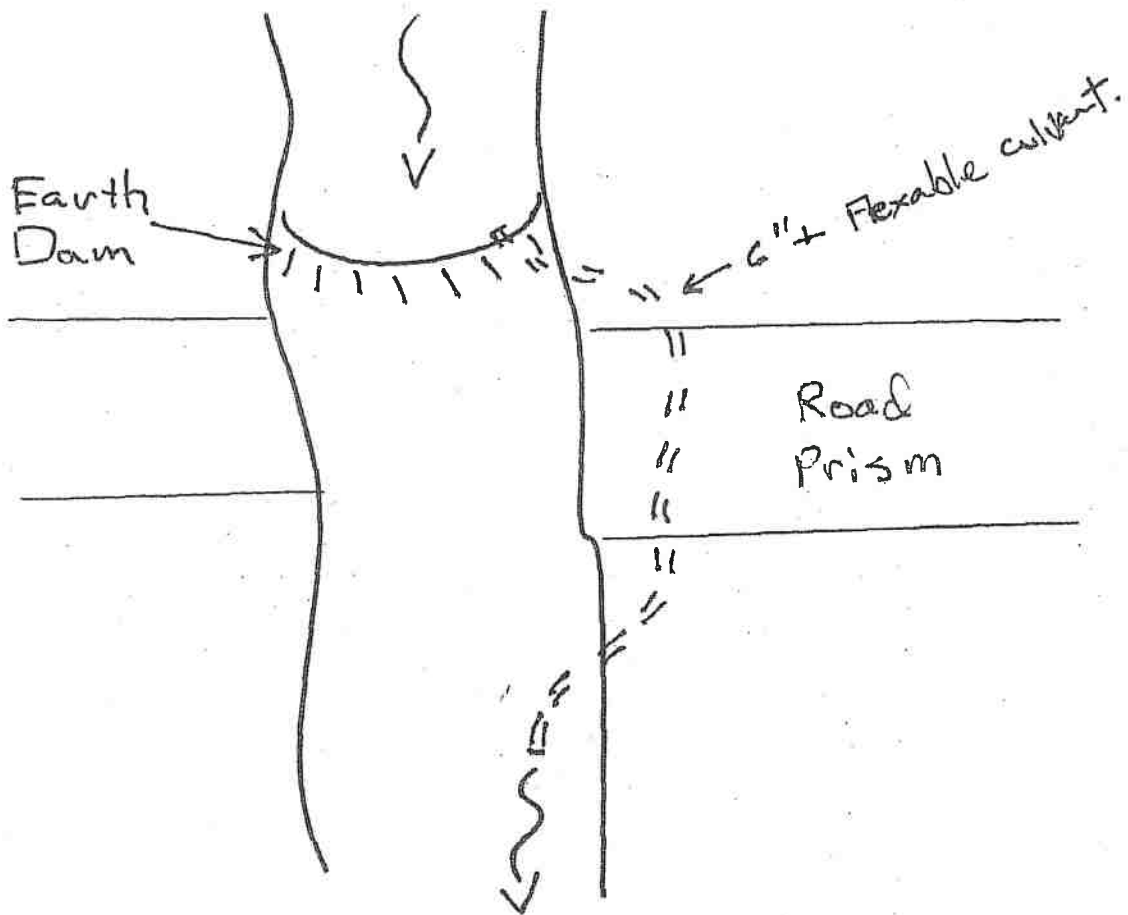
**WATERBAR
STANDARD PLAN**

Standard Detail

FG2023 10(0)

Water Diversion Plan

If water is present and diversion of flow around the work site is necessary, then an impoundment will be constructed and gravity flow or pumping flow through a pipe around the work site will be utilized.



STATEMENT OF CONTINGENT AND LIMITING CONDITIONS CONCERNING THE PREPARATION
AND USE OF THE SITE MANAGEMENT PLAN

Prepared by Hohman & Associates

1. This information has been prepared for the sole use of the **Landowner of Record**, for the express purpose of submitting the document to CDFW and the local county planning department.
2. Hohman and Associates does not assume any liability for use of this information by any party other than the owner or their agent.
3. The assessment presented in this report should be viewed and considered in light of the time spent observing the property and the methodologies used. The assessment may differ from those made by others or from the results of interpretation and assessment protocols.
4. Hohman and Associates did not conduct an investigation on a legal survey of the property.
5. The information is based upon conditions apparent to Hohman and Associates at the time the work was done. This report is time sensitive and provides current conditions as per the date of this document. No further clearing of trees, grading or construction of structures shall occur on site unless the owner gets the permits and approval by CAL Fire and/or the local county planning department.
6. All future work on site shall be through **approved permits** with local state or county agencies.
7. Hohman and Associates shall not be responsible for the supervision of mitigation operations following approval of the LSAA/restoration plan.