3 CCR § 10200

NATURAL RESOURCES

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OCal C4

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## **Operation Name:**

Date:

OSP

SECTION:

You shall implement production practices which maintain or improve the natural resources of your operation, including soil and water quality. **"Natural resources" are defined as the physical, hydrological, and biological features of your operation, including soil, water, wetlands, woodlands, and wildlife.** Production practices shall respond to site-specific conditions by integrating cultural, biological, and mechanical practices that foster cycling of resources, promote ecological balance, and conserve biodiversity. Biodiversity conservation refers to your efforts to improve and maintain the variety of plants, animals, insects, and microorganisms on your farm and in your soil.

This form applies to all parcels engaged in OCal production, including greenhouses and other non-field OCal production systems. If needed, attach additional pages and/or maps reflecting natural resource management practices.

## A. Biodiversity Conservation & Natural Resource Management

 Describe the natural resources and biodiversity of your operation and surrounding ecosystems, including soil type and condition, bodies of water, nearby wetlands and woodlands, wildlife, windbreaks, hedgerows, native habitat, and beneficial plantings. Include any problem areas such as erosion and invasive species.

2)	Do you have a current conservation plan or contract with the USDA Natural Resources Conservation Service (NRCS) or other
	conservation agency?

□ No □ Yes.

a) If yes, list the conservation practices that are being implemented and be prepared to show your plan at inspection.

3)	How do you maintain or improve your water resources (consider both quantity and quality)?					
	Efficient irrigation use (quantity, timing and technology)					
	🗌 Target and meter fertilizer use to prevent nutrient runoff 🛛 🗌 Manage excess water towards on-site retention and infiltration					
	☐ Vegetative cover filters for sediments and other pollutant ☐ Use fish screens ☐ Other (describe):					

4)	How do you improve and/or maintain natural resources in non-crop areas, such as borders, fallow ag land, and non ag habitats?							
	🗌 Preserve/restore wetlands and riparian areas 🛛 Increase and protect native plants/wildlife 🔲 Minimize erosion							
	🗌 Preserve/restore wildlife corridors 🛛 Leave areas as undisturbed habitat refuge 🗌 Wildlife friendly fences							
	Establish legal conservation areas Restore degraded areas Native habitats not converted to farmland since certification							
	Other (describe):							

5)	How are you managing habitat for pollinators, natural enemy insects, and other wildlife throughout the production season?							
	🗌 Hedgerows 🔲 Windbreaks 🔲 Raptor perches or trees at field edge 🔛 Bird or bat boxes 🔲 Ensure a clean water source							
	$\Box$ Plant flowers interspersed with crops $\Box$ implement measures to support a variety of bee species							

		• •		•••	•	•		
Allow non-invasive	plants in non-cr	opped, fallow	/, & border areas	🗌 Provide e	extended for	od supply	Other (	describe):

6) What actions do you take to prevent or control invasive plant/animal species, especially those threatening natural areas?

□ Learn to identify invasive plant and animal species
□ Monitor for new introductions and suppress or remove immediately
□ Plant competing beneficial native plants
□ Use weed & pest-free seed/planting stock/soil amendments/mulches
□ State or Federal agency controls invasive species
□ Other (describe):

7) If you restrict wildlife from your production areas due to food safety or other cannabis production concerns, or if you have converted wildlife habitat to cannabis production, how do you mitigate the resulting loss of wildlife habitat?

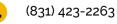
Develop or enhance habitat in other areas of your farm	Plant buffers between crop and habitat areas
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Leave room for habitat when using fencing (riparian or corridor) Other (describe):

Not applicable (explain why not):

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Prod		Find all forms at <u>www.ccof.org/documents</u> . Send completed forms to <u>inbox@ccof.org</u> .	Page 2 of 2
8)	measu Wa	ations producing cannabis within enclosed structures/buildings (i.e. greenhouses, etc): Describe additional conservatio sures implemented at your operation.	
9)	Descri	ribe any additional measures taken to conserve natural resources:	
<b>B.</b> 1)	How d resour Pho Pla	diversity and Natural Resources Monitoring Plan         do you verify the effectiveness of your conservation measures and document whether they improve or maintain the naturces of your operation?         notograph logs       Document fertility & pest control cost trends       Document water use trends         ant, animal, insect surveys       Observations in farm logs and journals       Maintain conservation map         'ater testing       Soil testing       Periodic expert evaluation and report (such as NRCS)       Other (describe):	atural
<b>C.</b> 1)	How d	<b>servation Involving Livestock</b> Not applicable, no livestock involved do you protect natural wetlands, riparian areas, and sensitive habitats from impacts due to livestock? mit livestock access to riparian areas, sensitive habitats and use designated stream crossings ocate feed stations, water troughs and mineral blocks away from streams and water sources onserve native vegetation along waterways Nanage excess manure to nutrient and pathogen pollution low the natural process of plan regeneration along stream banks Other (describe):	
2)	☐ Ma ☐ Pla ☐ Pre	do you improve or protect your pasture or rangeland? Ianage the frequency, density and timing of grazing to allow plant regeneration ant a diversity of native species Provide adequate shaded areas to minimize soil compaction revent excess deposits of manure Encourage plant growth that filters manure runoff inimize grazing wetlands and other soggy areas Other (describe):	5
3)	Use Pro De:	management practices do you use to ensure a healthy relationship between livestock and wildlife? se guard animals	-
4)	moving A p Cor Cor Ma	do you manage yards, feeding pads, feedlots, laneways and housing to prevent runoff to surface water and to prevent ng offsite? plan for confinement areas is in place before severe erosion problems occur Livestock is rotated to multiple areas oncentrated runoff is diverted into a temporary storage lagoon Manure is periodically removed and composted onfined sites are large enough to handle the type and number of animals present Air filtration is used in housing anure ground into dust in confined areas is watered down Windbreaks are used outside housing onfined sites are made of concrete or well-draining rock bases Other (describe):	

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