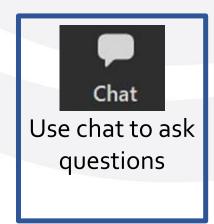
Tips and Reminders











- This workshop will be recorded and posted on our <u>website</u>.
- Save any questions until the Q&A sessions. You may enter questions in the chat box and we will get to those during the Q&A.
- Please be respectful and keep questions related to annual reporting requirements.



Cannabis Regulatory Program - February 19th, 2021

Outline of the workshop

- Introductions
- Overview and Purpose of Annual Report
- Annual Report Sections:
 - APN Selection
 - Winterization Requirements
 - Enrollment Changes
 - Nitrogen Reporting (>1 acre cultivation)
 - Site Maintenance Status (moderate/high risk)
 - Stormwater Monitoring (moderate/high risk)
- Q&A after presentation
- Short Break (10 min)
- Live Demonstration
- Q&A after live demonstration

Purpose of Annual Reporting



- Assess compliance with the Cannabis General Order and Notice of Applicability (NOA)
- Required of all Tier 1 and Tier 2 cultivators
- Must be submitted by operator(s), landowner(s), or third-party provider(s) indicated on application or NOA
- Deadline: March 1 following year being monitored
- Update Water Board records

Reporting Requirements by Tier

All Tier 1 & 2 Enrollees (All Risk Levels)

- Winterization measures
- Changes in tier status, disturbed/cultivation area, third party contacts

Tier 2 Enrollees w/ Cultivation Area > 1 acre (All Risk Levels)

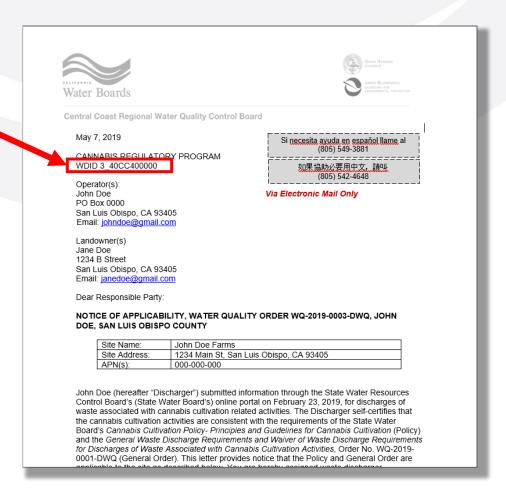
Nitrogen Application

Tier 1 & 2 Moderate or High Risk Only

- Site Maintenance Status
 - Surface water runoff
 - Soil erosion
 - Erosion control & sediment capture maintenance & control measures
 - Stabilization of disturbed areas
 - Materials storage erosion & spill prevention
 - Wastewater holding tanks
- Stormwater Monitoring

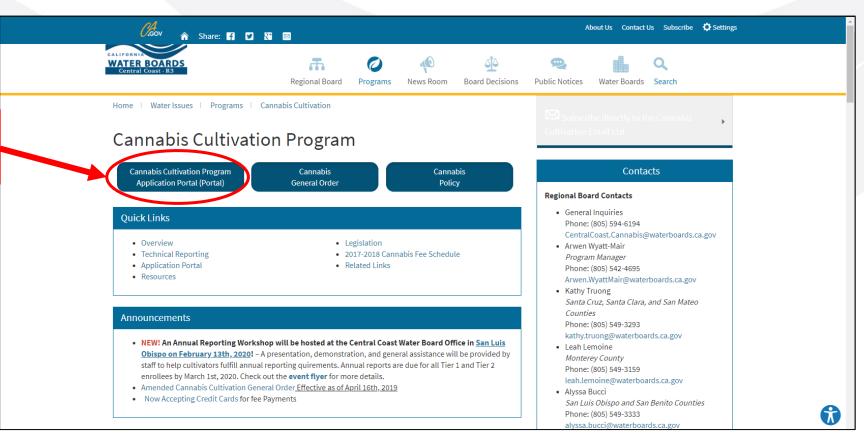
Records

- Before you begin, you will need...
 - Your WDID Number (Found on NOA)
 - Maintenance records
 - Servicing dates, activity, name of servicing company for holding tanks, septic tanks, chemical toilets, industrial waste servicing
 - Nitrogen application records (Tier 2 only)
 - Irrigation records (Tier 2 only)
 - Stormwater and erosion monitoring results (Moderate and High Risk only)



Central Coast Water Board Website

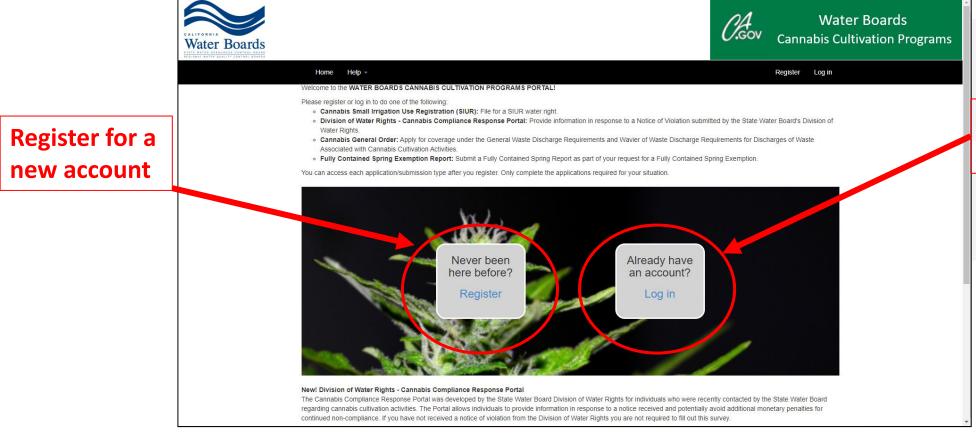
Button to Annual Report Portal



- Annual reports are submitted through the Cannabis Program Online Portal (the same Portal
 you used to submit your application for enrollment).
- Central Coast Water Board Cannabis Program website:

https://www.waterboards.ca.gov/centralcoast/water_issues/programs/cannabis_cultivation/

Cannabis Cultivation Program Portal



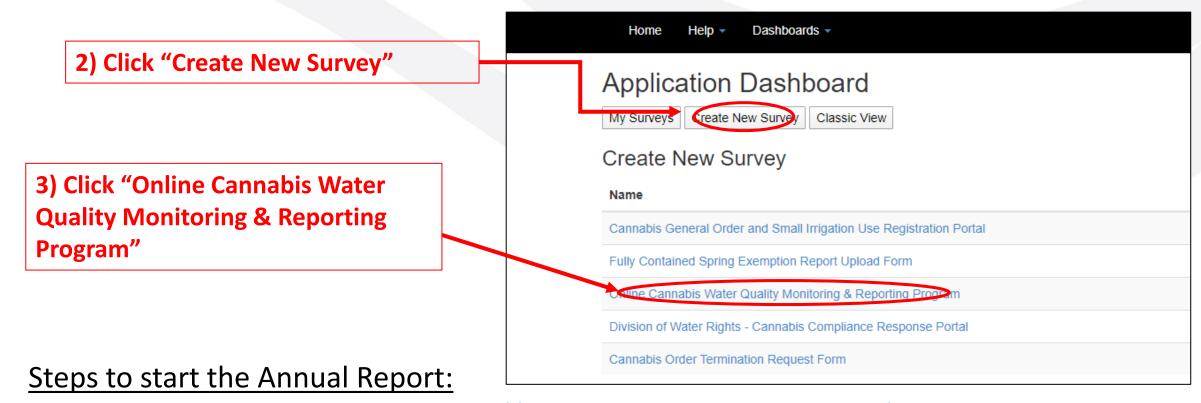
Can use same login from enrollment

Note: Annual report must be submitted by operator(s), landowner(s), or third-party provider(s) indicated on application or NOA

Steps to start the Annual Report:

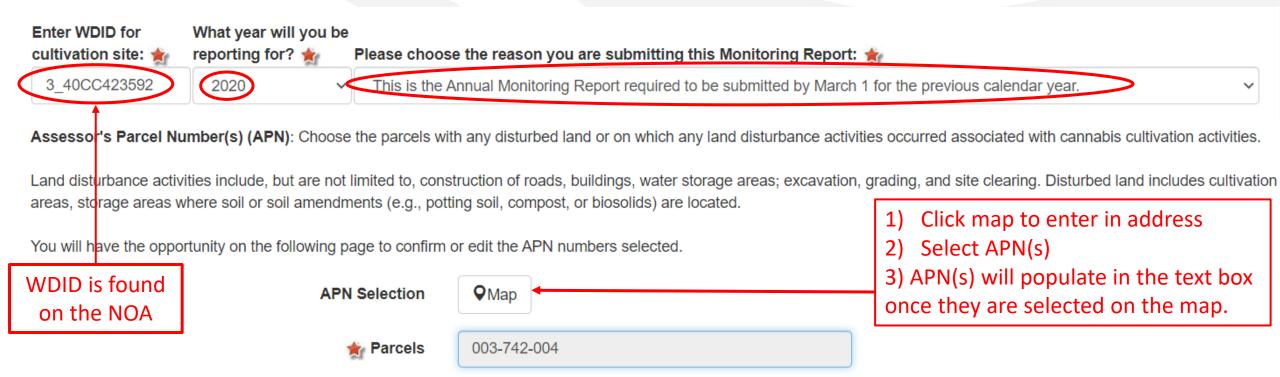
Go to portal (Link to portal: https://public2.waterboards.ca.gov/cgo) and log in or register for a new account.

Cannabis Cultivation Program Portal



- 1) Go to portal (Link to portal: https://public2.waterboards.ca.gov/cgo) and log in or register for a new account.
- 2) Click "Create New Survey"
- 3) Click "Online Cannabis Water Quality Monitoring & Reporting Program"

Section A: Enrollment Information

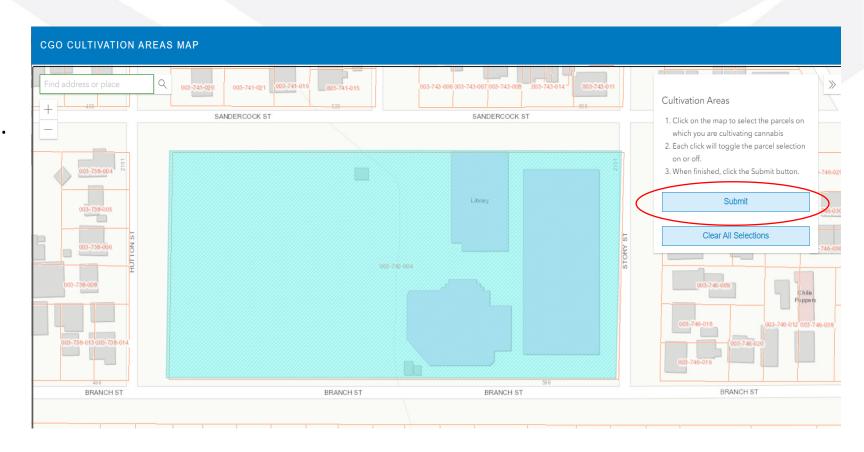


It may take a few moments to retrieve the enrollment information associated with this WDID after you hit "Save and Continue."

Save and Continue

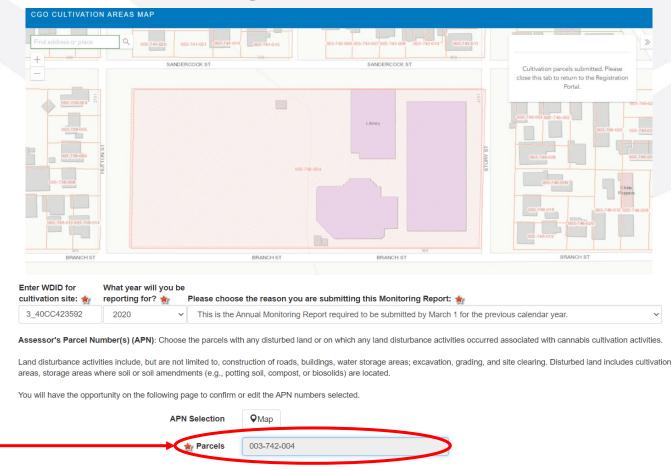
APN Selection: Mapping Function

- 1. Enter address
- 2. Once you enter in address, the map will zoom into the address.
- 3. Select APN(s). You can select multiple. The APNs will turn blue when you select them.
- 4. Click submit.



APN Selection: Mapping Function

- 4. Once you select submit, the APN parcels will turn red.
- 5. Close the APN selection mapping function tab and return to the registration portal.
- 6. The APN(s) will populate in the parcels field.



It may take a few moments to retrieve the enrollment information associated with this WDID after you hit "Save and Continue."

Winterization Requirements





- Winterization: Measures to prevent discharge of pollutants to surface and groundwater during the rainy period
 - Close temporary access roads
 - Dispose of waste
 - Cover soils and spoils
 - Implement sediment and erosion control measures
 - Apply linear sediment controls on slopes
 - Maintain culverts
 - No heavy equipment used unless authorized
- ★ Note: All Tier 1 and 2 enrollees in the Cannabis General Order are required to employ winterization measures regardless if cultivation occurred during reporting period
 - Winter Period:
 - Santa Clara, Santa Cruz, Monterey Counties: October 15 April 15
 - San Luis Obispo, Santa Barbara Counties: November 15 April 1

Winterization Requirements

Attachment A Requirement Annual Report Question

Requirement 128.	Please indicate what best indicates heavy equipment usage at your site during this winter period. No heavy equipment of any kind has been used at the cannabis cultivation site during the winter period.
	C Heavy equipment has been or will be used during the winter period as authorized under an approved site management plan.
	 Heavy equipment has been or will be used during the winter period for emergency repairs contained in an enforcement order issued by the State Water Board, Regional Water Board, or other agency having jurisdiction. Unauthorized heavy equipment use occurred after the beginning of the winter period but use stopped or will be stopped by:
	Cannabis cultivators shall block or otherwise close any temporary access roads to all motorized vehicles no later
Requirement 127.	than the onset of the winter period each year.
	C Yes
	Not completed by the beginning of the winter period but were completed or will be completed by:

Winterization Requirements

Attachment A Requirement

Annual Report Question

Requi	irement	129

Cannabis cultivators shall apply linear sediment controls (e.g., silt fences, wattles, etc.) along the toe of the slope, face of the slope, and at the grade breaks of exposed slopes to comply with sheet flow length at the frequency specified in Attachment A of the Cannabis Cultivation General Order.

- Not Applicable
- Yes
- Not completed by the beginning of the winter period but were completed or will be completed by:

Requirement 130.

Cannabis cultivators shall maintain all culverts, drop inlets, trash racks and similar devices to ensure they are not blocked by debris or sediment. The outflow of culverts shall be inspected to ensure erosion is not undermining the culvert. Culverts shall be inspected prior to the onset of fall and winter precipitation and following precipitation events that produce at least 0.5 in/day or 1.0 inch/7 days of precipitation to determine if maintenance or cleaning is

- required. 🦥
- Not applicable
- Yes
- Not completed by the beginning of the winter period but were completed or will be completed by:

Enrollment Changes

Tier Status and Cultivation / Disturbed Area:

Below is the current discharge information related to the Cannabis Cultivation General Order Enrollment:

- . The site is currently enrolled as Tier 2 Low Risk.
- The Cultivation Area Is 50000 sqft
- · The Disturbed Area is 75000 sqft

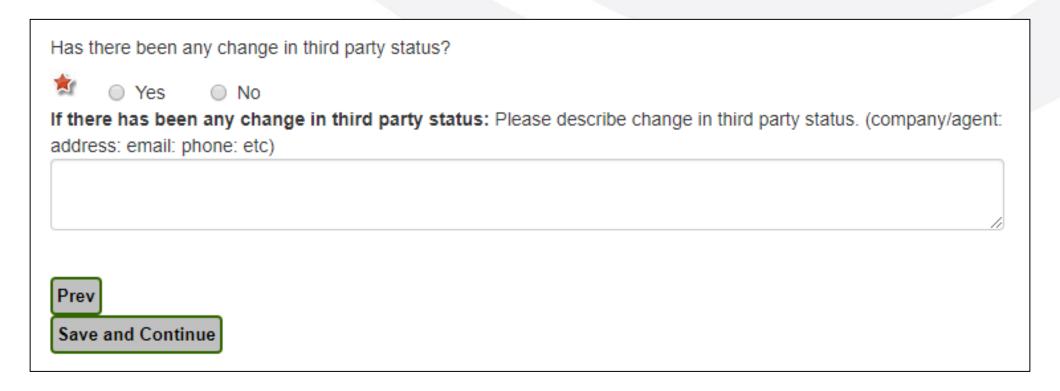
Do you need to update your tier status, risk level, disturbed area, or cultivation area?

*	0	Yes		No
NOTE:	1	acre :	= 43,56	0 sqf

NOTE: 1 acre = 43,560 square feet (ft ²)		
Enter the size of your cultivation area (in square feet): Current cultivation area is .		
Enter the size of your disturbed area (in square feet): Current disturbed area is .		
, , , , , , , , , , , , , , , , , , , ,		
Disturbed area must be greater than or equal to the cultivation area.		

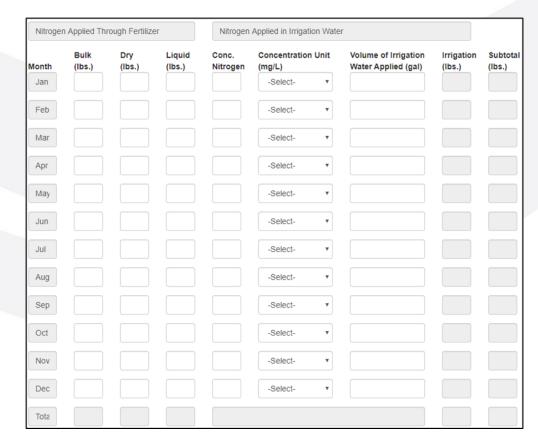
Enrollment Changes

Third Party:



Nitrogen Reporting

- Required for Tier 2 cultivators with cultivation area > 1 acre
- Report <u>ALL</u> nitrogen applied in 2020
 - **Bulk Material** Nitrogen contained in materials either used as growing medium or as amendments to the growing medium (e.g. potting soil, manure, biosolids, etc.)
 - Dry Fertilizer Nitrogen contained in dry materials added to a growing medium or mixed with irrigation water (e.g. bone meal, feather meal, pelletized manure or biosolids, pelletized chemical fertilizer, etc.)
 - Liquid Fertilizer –Nitrogen contained in liquid materials added to irrigation water (i.e., fertigation), or that are applied directly to the crop (e.g. fish emulsion, chemical fertilizers, etc.)
 - Irrigation Water Nitrogen present in the irrigation water that
 was not added by the cultivator. If water is treated prior to being
 used for irrigation (e.g. reverse osmosis), use the post-treatment
 nitrogen concentration in the tables.
 - Nitrogen application limit 319 lbs/ acre/ year



Total Annual canopy acre	Nitrogen Applied (lbs. per)	1
★ Yes	O No	Do you have additional cultivation areas to report?
Prev	Save and Continue	

Nitrogen Reporting

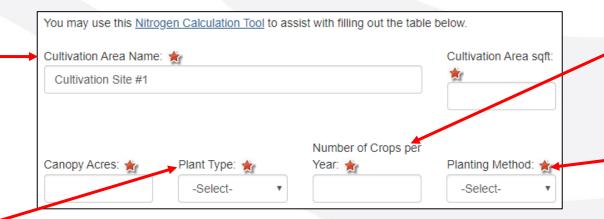
Cultivation Area Name:

Complete one table for each cultivation area.

For example:

If you have both nursery and flowering plants, you would create one table for nursery plants and one table for flowering plants.

Plant Type: Nursery or flowering



Number of Crops per Year:

The number of times the entire cultivation area is harvested

Planting Method:

In ground or in a container

- Canopy Area: The anticipated canopy acreage at plant maturity.
- Cultivation Area:
 - <u>For in-ground plants</u>, the cultivation area is defined by the perimeter of the area planted, including any immediately adjacent surrounding

access pathways.

- <u>For plants grown outdoors in containers</u> (e.g., pots, grow bags, etc.) the cultivation area is defined by the perimeter of the area that contains the containers, including any immediately adjacent surrounding access pathways. The area is not limited to the sum of the area of each individual container.
- <u>For plants grown indoors</u> that do not qualify for the conditional exemption under the Cannabis Cultivation General Order, the cultivation area is defined by the entire area contained in the structure where cultivation occurs, excluding any area used solely for activities that are not cultivation activities (e.g., office space). Areas used for storage of materials, equipment, or items related to cannabis cultivation are included in the cultivation area calculation.

Nitrogen Reporting: Resources

- Nitrogen Calculation Tool
- <u>ELAP Certified Labs</u> to get irrigation water tested
- 2020 Live Demonstration of Nitrogen Reporting
 - Mock Nitrogen Records for Demonstration
- 2021 Live Demonstration of Nitrogen Reporting will be posted on website

<u>Observations</u>	<u>Description</u>	Monitoring Frequency
Surface Water Runoff	Report any conditions of surface water runoff, including location, duration, source of runoff (irrigation water, storm water, etc.)	Monthly
Soil Erosion Control	Report any indications of soil erosion (e.g., gullying, turbid water discharge, landslide, etc.).	Monthly
Sediment Capture	Report the status of sediment capture measures (e.g., silt fence, fiber rolls, settling basin, etc.)	Monthly
Erosion/Sediment Capture Maintenance	Report maintenance activities to maintain the effectiveness of erosion control and sediment capture measures (e.g., reinstallation of straw mulch, hydroseeding, tarp placement, removal or stabilization of sediment captured, removal of settled sediment in a basin, etc.)	Monthly

<u>Observations</u>	<u>Description</u>	Monitoring Frequency
Stabilization of	Dischargers characterized as high risk	Monthly
Disturbed Areas	(with any portion of the disturbed	
	area within the setbacks), shall	
	provide a status report describing	
	activities performed to stabilize the	
	disturbed area within the setback.	
Material(s) Storage	Report materials delivered or stored	Monthly
Erosion/Spills	at the site that could degrade water	
Prevention	quality if discharged off-site (e.g.,	
	potting soil, manure, chemical	
	fertilizer, gasoline, herbicides,	
	pesticides, etc.)	
Holding Tank, Septic	Report the dates, activity, and name	Monthly
Tank, or Chemical	of the servicing company for servicing	
Toilet Servicing	holding tanks or chemical toilets.	

<u>Observations</u>	<u>Description</u>	Monitoring Frequency
Surface Water Runoff	Report any conditions of surface water runoff, including location, duration, source of runoff (irrigation water, storm water, etc.)	Monthly
Soil Erosion Control	Report any indications of soil erosion (e.g., gullying, turbid water discharge, landslide, etc.).	Monthly
Sediment Capture	Report the status of sediment capture measures (e.g., silt fence, fiber rolls, settling basin, etc.)	Monthly
Erosion/Sediment Capture Maintenance	Report maintenance activities to maintain the effectiveness of erosion control and sediment capture measures (e.g., reinstallation of straw mulch, hydroseeding, tarp placement, removal or stabilization of sediment captured, removal of settled sediment in a basin, etc.)	Monthly

Surface Water Runoff

Attachment A Requirement

Annual Report Question

Requirement 5, Requirement 26, Requirement 100, Requirement 120. Dischargers that are classified as Tier 1 or Tier 2, and are characterized as moderate or high risk, shall make monthly surface water runoff observations.

January Run off Observed?







Not Applicable

Mark the sources of surface water runoff that apply.

✓ Storm Water

Irrigation Water

Other

Report any conditions of surface water runoff, including location, duration, and source of runoff (irrigation water, storm water, etc.).

Storm water runoff collected in the perimeter ditches of the greenhouse was discharged at the northeast corner of parcel into ditch paralleling Broad St. Discharge contained sediment and was observed on 1/15/19 following a 1-inch rain event.



<u>Observations</u>	<u>Description</u>	Monitoring Frequency
Surface Water Runoff	Report any conditions of surface water runoff, including location, duration, source of runoff (irrigation water, storm water, etc.)	Monthly
Soil Erosion Control	Report any indications of soil erosion (e.g., gullying, turbid water discharge, landslide, etc.).	Monthly
Sediment Capture	Report the status of sediment capture measures (e.g., silt fence, fiber rolls, settling basin, etc.)	Monthly
Erosion/Sediment Capture Maintenance	Report maintenance activities to maintain the effectiveness of erosion control and sediment capture measures (e.g., reinstallation of straw mulch, hydroseeding, tarp placement, removal or stabilization of sediment captured, removal of settled sediment in a basin, etc.)	Monthly

Soil Erosion Control

Attachment A Requirement Annual Report Question

Requirement 8, Requirement 10.

Report any indications of soil erosion (e.g., gullying, turbid water discharge, landslide, etc.). Select all that apply.

Definitions:

Rill: A shallow cut in soil caused by flowing water.

Gully: A rill channel that becomes broader and deeper due to the removal of soil by concentrated flow of water.

Turbid/Turbidity: Water that is cloudy with suspended matter such as soil particles or organic matter.

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Soil Erosion Observed:

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Yes

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Not Applicable

Gullying

✓ Turbid Water Discharge

☐ Landslide

Other

Soil Erosion Description

Storm water runoff from the parking lot following 1/30/19 rain event caused existing gullies to deepen by 1/2 inch. Runoff was brown in appearance and had an oily sheen on its surface.

<u>Observations</u>	<u>Description</u>	Monitoring Frequency
Surface Water Runoff	Report any conditions of surface water runoff, including location, duration, source of runoff (irrigation water, storm water, etc.)	Monthly
Soil Erosion Control	Report any indications of soil erosion (e.g., gullying, turbid water discharge, landslide, etc.).	Monthly
Sediment Capture	Report the status of sediment capture measures (e.g., silt fence, fiber rolls, settling basin, etc.)	Monthly
Erosion/Sediment Capture Maintenance	Report maintenance activities to maintain the effectiveness of erosion control and sediment capture measures (e.g., reinstallation of straw mulch, hydroseeding, tarp placement, removal or stabilization of sediment captured, removal of settled sediment in a basin, etc.)	Monthly

Sediment Capture and Maintenance

Attachment A Requirement Annual Report Question

Report maintenance activities to maintain the effectiveness of erosion control and sediment capture measures (e.g., reinstallation of straw mulch, hydroseeding, tarp placement, removal or stabilization of sediment captured, removal of settled sediment in a basin, etc.)

January
Please indication the general condition of the sediment capture measures:

O Good O Fair O Not Functioning O None installed O Not Applicable

Were erosion control measures implemented or maintenance performed? If 'yes' please describe. (Le hydro seeding, jutt netting, tarp placement, decomposed granite, gravel mulch, rock slope protection)

Were sediment capture measures implemented or maintenance performed? If 'yes' please describe. (i.e silt fence, fiber rolls, straw bale barrier, biofilter bags, check dams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls, compost socks and berms)





O No

O Not Applicable

Site Maintenance Status (continued)

<u>Observations</u>	<u>Description</u>	Monitoring Frequency	
Stabilization of	Dischargers characterized as high risk	Monthly	
Disturbed Areas	(with any portion of the disturbed		
	area within the setbacks), shall		
	provide a status report describing		
	activities performed to stabilize the		
	disturbed area within the setback.		
Material(s) Storage	Report materials delivered or stored	Monthly	
Erosion/Spills	at the site that could degrade water		
Prevention	quality if discharged off-site (e.g.,		
	potting soil, manure, chemical		
	fertilizer, gasoline, herbicides,		
	pesticides, etc.)		
Holding Tank, Septic	Report the dates, activity, and name	Monthly	
Tank, or Chemical	of the servicing company for servicing		
Toilet Servicing	holding tanks or chemical toilets.		

Stabilization of Disturbed Areas

Attachment A Requirement

Annual Report Question

Requirement 6.

Check the box to report where disturbed area stabilization activities were performed and provide a description of the activities.

January

Mark the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the setback.

- Disturbed area stabilized inside and outside the riparian setback.
- Disturbed area stabilized outside the riparian setback only.
- Disturbed area stabilized inside the riparian setback only.
- No stabilization of disturbed area occurred.
- Not Applicable

<u>Observations</u>	<u>Description</u>	Monitoring Frequency
Stabilization of	Dischargers characterized as high risk	Monthly
Disturbed Areas	(with any portion of the disturbed	
	area within the setbacks), shall	
	provide a status report describing	
	activities performed to stabilize the	
	disturbed area within the setback.	
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Erosion/Spills	at the site that could degrade water	
Prevention	quality if discharged off-site (e.g.,	
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	pesticides, etc.)	
Holding Tank, Septic	Report the dates, activity, and name	Monthly
Tank, or Chemical	of the servicing company for servicing	
Toilet Servicing	holding tanks or chemical toilets.	

Materials Storage, Erosion/Spill Prevention

Attachment A Requirement

Annual Report Question

Herbicides

Pesticides

Requirement 104, Requirement 105, Requirement 108, Requirement 113, Requirement 117. Report materials delivered or stored at the site during the applicable reporting period that could degrade water quality if discharged off-site (e.g., potting soil, manure, chemical fertilizer, gasoline, herbicides, pesticides, etc.)

January

Describe Measures Taken to Prevent Accidental Discharge

Soil is stored in bags and inside a shed protected from sun, wind, and rain.

Manure

Chemical Fertilizer

Gasoline/Diesel/Ethanol

Pesticides are stored in dedicated storage shed with concrete

floor. Large plastic totes are used for secondary containment.

<u>Observations</u>	<u>Description</u>	Monitoring Frequency
Stabilization of	Dischargers characterized as high risk	Monthly
Disturbed Areas	(with any portion of the disturbed	
	area within the setbacks), shall	
	provide a status report describing	
	activities performed to stabilize the	
	disturbed area within the setback.	
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	fertilizer, gasoline, herbicides,	
	pesticides, etc.)	
Holding Tank, Septic	Report the dates, activity, and name	Monthly
Tank, or Chemical	of the servicing company for servicing	
Toilet Servicing	holding tanks or chemical toilets.	

Holding Tank Servicing

Attachment A Requirement Annual Report Question

Requirement 38 Requirement 125

Report below the servicing dates, name of the servicing company, and servicing activity (holding tanks, RO brine removal, or chemical toilet servicing) for the reporting period.

Report Dates MMDDYYYY

Date	Servicing Company	Service Activity
01/25/2019	A+ Chem Toilet Company	Cleaning
02/15/2019	Joe's Wastewater Hauling	Pick up 2,000 gal RO brine
03/29/2019	A+ Chem Toilet Company	Cleaning

Stormwater Monitoring

<u>Constituent</u>	<u>Frequency</u>	Monitoring Frequency
Turbidity	Once per calendar month when precipitation exceeds 0.25 in/day or when storm water runoff from the site is generated.	All months until winterization procedures are completed.
рH	Once per calendar month when precipitation amount is forecast to exceed 0.25 in/day.	All months until winterization procedures are completed.

Stormwater Monitoring

Attachment B: Monitoring and Reporting Program

Annual Report Question

SECTION D STORM WATER RUNOFF MONITORING: Constituent Turbidity

Monitoring will be performed once per calendar month when precipitation exceeds 0.25 in/day or when storm water runoff from the site is generated.

Report Dates MMDDYYYY	
Sampling Date	Turbidity Reading (NTU)
02/05/2019	78
03/22/2019	125

SECTION D STORM WATER RUNOFF MONITORING: Constituent pH

Monitoring will be performed once per calendar month when precipitation is forecast to exceed 0.25 in/day.

Report Date MMDDYYYY

Sampling Date	pH Reading
02/05/2019	7.2
03/22/2019	7.9

Certification

SECTION E: Certification Cannabis Cultivation General Order

Based on the information provided:

- · you will still be enrolled as a Tier 2 High Risk site.
- . there will be a change to the Cultivation Area
- . there will be a change to the Disturbed Area

Any changes to Tier and Risk levels will not be effective until an updated Notice of Applicability is issued. Please contact your Regional Water Quality Control Board after submitting this Monitoring Report.

Were any violations observed during the reporti	ng penod?			
*				
☑ I certify under penalty of law that I have pers the those individuals immediately responsible penalties for submitting false information, ind Full legal name of the individual signing: ★	e for obtaining the information, I believe	e that the information is	true, accurate, and co	
Alyssa Bucci	Consultant	02/16/2021		
Prev Save and Contin				

Submission

SECTION A ENROLLMENT INFORMATION:	
OIGW	Waterboard Record
SECTION B FACILITY STATUS:	
Winterization Measures Implemented	
Tier Status Confirmation	Third Party Identification
Nitrogen Application Form Instructions	Nitrogen Applied (Cultivation Site 1)
Nitrogen Applied (Cultivation Site 2)	Nitrogen Applied (Cultivation Site 3)
Nitrogen Applied (Cultivation Site 4)	Nitrogen Applied (Cultivation Site 5)
Nitrogen Applied (Cultivation Site 6)	Nitrogen Applied (Cultivation Site 7)
Nitrogen Applied (Cultivation Site 8)	Nitrogen Application
SECTION C SITE MAINTENANCE STATUS:	
SECTION C SITE MAINTENANCE STATUS: Surface Water Runoff	Soil Erosion Observations
	Soil Erosion Observations Stabilization of Disturbed Areas
Surface Water Runoff	
Surface Water Runoff Erosion Control and Sediment Capture Maintenance and Control Measures Material(s) Storage Erosion/Spills Prevention	Stabilization of Disturbed Areas
Surface Water Runoff Erosion Control and Sediment Capture Maintenance and Control Measures	Stabilization of Disturbed Areas
Surface Water Runoff Erosion Control and Sediment Capture Maintenance and Control Measures Material(s) Storage Erosion/Spills Prevention SECTION D STORM WATER RUNOFF MONITORING:	Stabilization of Disturbed Areas





Certification Cannabis Cultivation General Order

What if you make a mistake?



- Contact Regional Water Board staff
- Survey will be unlocked
- Fix and resubmit

Questions? Contact Us!

Alyssa Bucci

San Luis Obispo, Northern Santa Barbara and San Benito Counties alyssa.bucci@waterboards.ca.gov
805-549-3333

Kathy Truong

Santa Cruz, Santa Clara, San Mateo, and Southern Santa Barbara Counties kathy.truong@waterboards.ca.gov
805-549-3293

Leah Lemoine

Monterey County, City of Carpinteria leah.lemoine@waterboards.ca.gov 805-549-3159

Demonstration Time!

https://public2.waterboards.ca.gov/CGO/

