H. Water Board Documentation



Site Management Plan

Implementation of Best Practical Treatment or Control Measures

In Fulfillment of Water Quality Order 2017-0023-DWQ

State Water Resources Control Board

Prepared for:

Nathan Machiorlatti

920 Samoa BLVD Suite 219

Arcata, CA 95521 - (616)-460-1892

Humboldt County and APN# 317-033-008

Prepared by:



425 | Street

Arcata, CA - (707)-633-8321

Mother Earth Engineering Project: #16024 - Prepared 02/13/2019

|

General Information

Owner:

Macras Land Co Inc

Contact:

Nathan Machiorlatti

920 Samoa Blvd Suite 219

Arcata, CA 95521

Site Address:

Stapp Road

Kneeland, CA

Humboldt County

Parcel:

APN: 317-033-008

Parcel Centroid: 40.6051, -123.6969

Zoning: (TPZ) – Timberland Production Zone

Parel Size: 44 Acres

Cannabis Cultivation Area: 0.55 Acres

Disturbed Area: 3.2 Acres

HUC-12: 180101020401 Bug Creek - Mad River

SWB WDID:

1_12CC402985

Facility Status: Tier 2 – Moderate Risk

1. EXECUTIVE SUMMARY

The discharger maintains a commercial cannabis operation in Showers Pass area of Humboldt County. There is 7,200 square feet of mixed light cultivation and 17,600 square feet of outdoor cultivation. The discharger has historically relied on a surface water diversion and hard tank and bladder storage for crop irrigation. Currently the discharger is in the process of installing a groundwater well and intends to decommission the surface water diversion. Currently the operations are conducted by four seasonal employees who stay on the property during the cultivation season. There is a pit privy used for human wastes, the discharger is currently in the process of obtaining a septic permit and intends to install bathroom facilities. There are two stream crossings located onsite, applicant has recently obtained a Lake and Streambed Alteration Agreement with CDFW in order to improve these two crossings. Mixed light cultivation is facilitated by diesel generators, diesel is stored onsite in an above ground tank with secondary containment.

2. INTRODUCTION

This Site Management Plan (Plan) was developed to report how the discharger is complying with the list of Best Practicable Treatment or Controls (BPTC's) listed in Attachment A, Section 2 of the State Water

Resources Control Board (SWB) Order 2017-0023-DWQ (Order). The purpose of this Order is to provide a regulatory structure to minimize adverse impacts to water quality due to cannabis cultivation. Cannabis cultivators that are enrolled under this Order and compliant with its regulations will receive a conditional waiver for the discharges associated with cannabis cultivation. Using data from on Site assessments and office analysis; this Plan takes an inventory of all cannabis cultivation activities, land and resource management, and land stewardship practices to ensure the discharger is in compliance with the Order.

3. SITE LOCATION

The Site is located in the Bug Creek – Mad River Watershed in East Central Humboldt County approximately 30 miles from Kneeland. The Bug Creek watershed is within the Butler Valley Hydrologic Area and the Mad River Hydrologic Unit. To reach the Site from Kneeland head southeast on Kneeland Road, turn slight left onto Mountain View Road, turn left onto Showers Pass Road, then a slight left onto Stapp Road, stay on Stapp Road access to the property is on the left. The Site is located in Section 26, Township 3 North, Range 4 East, and the Showers Mountain USGS 7.5-minute Quadrangle Map. The parcel centroid is located at latitude 40.6051 and longitude -123.6969.

4. SITE DESCRIPTION

The property is located on highly sloped land which ranges from 2,515 to 1,944 feet above mean sea level, surrounded by douglas fir and montane hardwood-conifer species. The land is characterized as having moderately sloped grades to highly sloped grades and drains into Showers Creek that runs east-west through the middle of property. The climate can be generalized by a pattern of high-intensity rainfall in the late fall until the early spring and hot, dry summers. Mean annual precipitation is approximately 74.64 inches. Soils within the property are primarily composed of Sidehill-Oakside-Darkwoods complex.

The Mad River is approximately 160 feet from the north-east corner of the property and 1,300 feet from the cultivation area. This river is the habitat of Brown Bullhead, Golden Shiner, Winter Steelhead, Summer Steelhead, Largemouth Bass, Green Sunfish, White Catfish, and the Humboldt Sucker.

5. FIELD AND ASSESSMENT METHODS

Office analysis and field inventory were used to determine the status of the property for enrollment in the Order. Pre-field inspection using aerial footage of the property was used to identify existing infrastructure, cultivation areas, watercourses, and the general layout of the property. The field inventory was conducted by Mother Earth Engineering staff on several occasions through 2016 to 2018. The inventory included GPS mapping of structures, water tanks, ponds, roads, cultivation Sites, and other infrastructure.

6. SITE INVENTORY

6.1. Site Map

Included with this report is an up to date Site map showing all access roads, streams, stream crossings, cultivation Sites, disturbed areas, and other relevant Site features. See Attachment A.

6.2. Road Conditions

The private access road is approximately 0.33 miles long and is accessed from Stapp Road. An inventory of the private access roads on the property are given below in Table 1.

Roadway	Distance (ml.)	Type / Description	Condition
Main Access Road	0.33	Main access / dirt with some rocking	Poor to fair, two watercourses filled in without conveyance
Secondary Access Road	0.08	Access spur / from main access road to lower cultivation site	Poor to fair

Table 1: Inventory of access roads on Site.

The main access road is used by solely by employees, there is no residential buildings on the property. On average the main access road is used 5 times a week during the growing season and decommissioned during the winter season.

Stormwater is drained from the access roads by out sloping of roads. There are no ditch relief culverts located on site.

6.3. Watercourses and Stream Crossings

There are two watercourses running through the Site. An inventory of watercourses can be found in Table 2.

Map ID	Type	Notes
WC-1	Class I watercourse	Showers Creek runs West to East and is tributary to Mad River.
WC-2	Class III watercourse	Class III watercourse that is currently filled in at access road crossing. Tributary to Showers Creek.
WC-3	Class III watercourse	Class III watercourse with headwaters located on site. Tributary to Showers Creek.

Table 2: Inventory of watercourses that run through the Site.

There are two stream crossings on Site: SC-1 and SC-2, neither of which have adequate stream crossing culverts. Discharger is in the process of getting a LSAA approved for the installation of two culverts where watercourses are filled in at the access road.

6.4. Water Resources

Cannabis irrigation water is sourced from a surface water diversion that was established in 2014. The staging tank that receives the diversion by gravity feed is fitted with a float valve to minimize wasteful diversions. Water is then pumped from the staging tank to storage arrays upgrade from the cultivation areas by solar pump. Irrigation water is also sourced from two permitted groundwater wells. The discharger uses hard tank storage — with a total of 25,000 gallons of storage for irrigation and 2,500 gallons of storage for fire suppression.

6.5. Cultivation Areas

There are four distinct cultivation areas located on Site, three that are natural light outdoor cultivation and one that is an array of mixed light greenhouses. The cultivation areas are inventoried in Table 3.

Map ID	Cultivation Area (ft²)	Area Description	Cultivation Area Slope (%)	Distance to Water Body (ft)	Water Body Classification
CA-1	6,960	Mixed light Cultivation/Nursery	10	700	Class III
CA-2	2,100	Natural Light Outdoor	18	700	Class II
CA-3	6,000	Natural Light Outdoor	7	860	Class II
CA-4	9,100	Natural Light Outdoor	. 6	890	Class II

Table 3: Inventory of cultivation areas and associated characteristics.

6.6.Storage Areas

Areas used for storing fuel, agricultural chemicals, and other cultivation related materials are listed in Table 4. There is a storage building onsite, located on the south edge of the lower cultivation area. This shed is approximately 400 square feet and is used to store petroleum products and agricultural chemicals when not in use. Another storage area is located just north of CA-2 and consists of two 1,000 gallon propane tanks. Table 4 lists all of the storage areas located on Site.

Map ID	Lat	Long	Туре	Materials Stored	Comments
ST-1	40.6033	-123.6971	Wooden storage shed	Petroleum products, agricultural chemicals	Weatherproof structure
ST-2	40.6043	-123.6965	Wooden storage shed	Propane tanks	Weatherproof structure
ST-3	40.6032	-123.6977	Metal Processing Building	Harvest Storage	

Table 4: Inventory of all storage areas on Site.

6.7. Land Disturbance Inventory

Land areas where natural conditions have been altered in any way that causes an increase in sediment discharging from the property are considered disturbed land. Disturbed area includes cultivation areas, cultivation materials storage, buildings, water storage, and roadways that area not maintained consistent with the Handbook for Forest, Ranch, and Rural Roads. The total disturbed land on site is 3.2 acres.

6.8. Legacy Waste Discharge Issues

Due to being located in Regional Water Quality Control Board Region 1 legacy waste discharge issues must be identified and discussed in the Site Management Plan. There are two legacy waste discharge issues on Site. Table 5 lists the known legacy waste issues located on Site.

Table 5: Inventory of legacy waste issues located on Site.

Map ID	Туре	Notes
SC-1, SC-2	Filled in stream crossing	The access road is a former logging road that was created for seasonal access for timber harvesting. The cultivator is in the process of being granted a LSAA with CDFW so that permitted culverts can be installed at these crossings.

The cultivator has a LSAA in process that proposes to install stream crossing culverts where the watercourse has been filled in at the roadway. Once the culverts are installed they will be regularly monitored and maintained in order to minimize possible overtopping.

7. EROSION PREVENTION AND SEDIMENT CONTROL BPTC MEASURES

This site is classified as Tier 2 Moderate Risk so a Site Erosion Sediment Control Plan is also required to be completed for this property. All erosion prevention and sediment control BPTC measures will be covered in the Site Erosion Sediment Control Plan.

8. AGRICULTURAL CHEMICAL BPTC MEASURES

8.1. Inventory of Agricultural Chemicals

Table 6 lists all off the agricultural chemicals in use on Site. All agricultural chemicals are used and stored in a manner that prevents those chemicals from entering the riparian setbacks or waters of the State. All chemical usage is in accordance with the label instructions. Agricultural chemicals are applied at agronomic rates. No restricted pesticides are allowed on the Site.

Table 6: Inventory of all agricultural chemicals in use on Site.

Agricultural Chemical Name	Agricultural Chemical Type	Method of Storage	Storage Location	Description of Use
Neem Oil	Insecticide	In manufacturers container, in secondary containment	Metal Building	Applied via foliar spray periodically to deter pests
Double Depper Mix	Fertilizer	In manufacturers container, in secondary containment	Metal Building	Mixed into soil at start of cultivation cycle
Feather Meal	Fertilizer	In manufacturers container, in secondary containment	Metal Building	Mixed into soil at start of cultivation cycle
Bat Guano	Fertilizer	In manufacturers container, in secondary containment	Metal Building	Mixed into soil at start of cultivation cycle

8.2. Agricultural Chemical Container Disposal

Empty agricultural chemical containers are disposed as per their label instruction. If the discharger is unsure of proper disposal method they will contact their local Waste Management or Transfer Center Facility for instruction. Until proper disposal, empty containers will be kept in heavy duty plastic totes or heavy duty contractor bags stored in weatherproof shelter.

9. PETROLEUM PRODUCT BPTC MEASURES

9.1. Inventory of Petroleum Products

Table 7 lists all off the agricultural chemicals in use on Site. All agricultural chemicals are used and stored in a manner that prevents those chemicals from entering the riparian setbacks or waters of the State. All chemical usage is in accordance with the label instructions. Agricultural chemicals are applied at agronomic rates. No restricted pesticides are allowed on the Site.

Table 7: Inventory of all petroleum products used on Site.

Petroleum Product	Associated Equipment	Method of Storage	Storage Location	Description of Use
Gas	ATV, water	In appropriate gas	Inside metal building	Daily
	pump,	cans, in secondary		
	backup	containment		·
	generators			·
Diesel	Generators	In generator enclosure	Above ground diesel tank	Daily
			with secondary	
			containment	
Propane	General	(2) 1,000 gal propane	Wooden storage shed	Intermittent
		tanks		

9.2. Agricultural Chemical Container Disposal

Empty agricultural chemical containers are disposed as per their label instruction. If the discharger is unsure of proper disposal method they will contact their local Waste Management or Transfer Center Facility for instruction. Until proper disposal, empty containers will be kept in heavy duty plastic totes or contractor bags stored in weatherproof shelter.

10. SPILL PREVENTION AND CLEANUP

There are spill kits located for immediate use to clean up any agricultural chemical or petroleum product spills. Discharger will maintain spill kits by restocking whenever any materials are used.

11. TRASH/REFUSE AND DOMESTIC WASTEWATER BPTC MEASURES

There are no permanent residences located on Site. A cabin is located on site, used as seasonal housing for employees. There are four employees and zero residents.

11.1. Inventory of Refuse Sources on Site

Refuse Source	Туре	Storage Location	Disposal Process
Employee	Domestic	Metal Building	Bagged and delivered by resident to transfer station weekly

11.2. Inventory of Wastewater Sources on Site

Employee	Outhouse	Near metal building	Discharger is in the process of attaining a septic permit
Wastewater Source	Treatment Type:	Treatment System Location	Additional Notes

12. WINTERIZATION BPTC MEASURES

All applicable erosion control and sediment prevention measures prior to the beginning of the winter period beginning, which is November 15 to April 1. All soil stockpiles and spoils must either be properly disposed of or fully contained and weatherproofed during this period. Any seasonal roads shall be blocked off during this period. No heavy equipment will be used during the winter period.

13. SUMMARY OF BPTC MEASURES

Table 8 is a summary of the BPTC measures that are either underway or yet to be completed. These measures must be completed prior to the start of the winter period, November 15 unless specified as a year-round activity (e.g. No 54, No 84).

Table 8: Summary of BPTC Measures and Directives

BPTC Measure Number	Location (Map ID or General Area)	BPTC Measure and Directive
		Cannabis cultivators shall regularly inspect and maintain the condition of access roads, access road drainage features, and watercourse crossings. At a minimum, cannabis cultivators shall perform inspections prior to the onset of fall and winter precipitation and following storm events that produce at least 0.5 in/day or 1.0 inch/7 days of precipitation. Cannabis cultivators are required to perform all of the following maintenance:
		Remove any wood debris that may restrict flow in a culvert.
No 54	Entire Property	 Remove sediment that impacts access road or drainage feature performance. Place any removed sediment in a location outside the riparian setbacks and stabilize the sediment.
		 Maintain records of access road and drainage feature maintenance and consider redesigning the access road to improve performance and reduce maintenance needs.
		Discharger shall maintain Seasonal Road and Drainage Feature Maintenance Log.
		The cannabis cultivator shall install and maintain a measuring device(s) for surface water or subterranean stream diversions. The measuring device shall be, at a minimum equivalent to the requirements for direct diversions greater than 10 acre-feet per year in California Code of Regulations, Title 23, Division 3, Chapter 2.717. The measuring device(s) shall be located as close to the point of diversion as reasonable. Cannabis cultivators shall maintain daily diversion records for water diverted for cannabis cultivation.
No 84	Any Property with Surface or Subterranean Stream Diversions	Cannabis cultivators shall maintain separate records that document the amount of water used for cannabis cultivation separated out from the amount of water used for other irrigation purposes and other beneficial uses of water (e.g., domestic, fire protection, etc.). Cannabis cultivators shall maintain daily diversion records at the cultivation site and shall make the records available for review or by request by the Water Boards CDFW, or any other authorized representatives of the Water Boards or CDFW. Daily diversion records shall be retained for a minimum of five years. Compliance with this term is required for any surface water diversion for cannabis cultivation, even those under 10 acre-feet per year.
		Discharger shall install a serialized measuring device. Daily records of water usage shall be recorded with Cannabis usage separated from other uses.

State Waterboard Online 2018 Cannabis Water Quality Monitoring & Reporting Program

You completed application 414639 on 04/17/2019 17:04:30

Return to Dashboard

SECTION A ENROLLMENT INFORMATION:

* Enter WDID for cultivation site:

1_12CC402985

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

SECTION A ENROLLMENT INFORMATION:

WDID Number 1_12CC402985 is Enrolled Under Order Number:

2017-0023-DWQ

Facility Enrollment Type and Discharger Name:

Enrollee - WDR under Cannabis General Order for Machiorlatti, Nathan (Macras Land Co.)

If the Enrollment Type and Discharger Name above is blank or does not look to be associated with your cannabis cultivation please confirm WDID number 1_12CC402985 is the WDID number listed on the Notice of Applicability (NOA) issued by the Regional Water Quality Control Board (RWQCB) or State Water Resource Control Board (SWRCB). You can re-enter the WDID by going back to the previous screen.

If you have confirmed the WDID was entered exactly as shown on the NOA and the fields are still blank you will need to contact the RWQCB or SWRCB that issued the NOA.

SECTION B ANNUAL MONITORING REPORT GENERAL ORDER NO. WQ 2017-0023-DWQ

Welcome to the Cannabis Cultivation General Order Annual Monitoring Report Portal. This online tool allows dischargers, also referred to as cannabis cultivators, or representative to electronically submit the Annual Monitoring Report as required by the State Water Resources Control Board Order WQ 2017-0023-DWQ General Waste Discharge Requirements and Walver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities (Cannabis Cultivation General Order). This online portal fulfills the requirement in Attachment B of the Cannabis Cultivation General Order.

The portal consists of the following sections:

Section A: Site Enrollment Information

Section B: Facility Status information for Tier 1 and Tier 2 dischargers characterized as low, moderate, or high risk

Section C: Site Maintenance Status for Tier 1 and Tier 2 dischargers characterized as moderate or high risk

Section D: Storm Water Runoff Monitoring for Tier 1 and Tier 2 dischargers that are characterized as moderate or high risk

Section E: Self Certification of information provided

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

At anytime you can close the window and return at a later date to continue at your last saved page.

Click 'Save and Continue' below to continue.

SECTION B FACILITY STATUS: Winterization Measures Implemented

Winter Period:

- i. Santa Clara County, Santa Cruz County, and Monterey County: October 15 to April 15
- ii. Marin County: October 1 to April 15
- iii. Lahontan Regional Water Board: October 15 to May 1 (for elevations above 6,000 freet)
- iv. All other areas: November 15 to April 1

Please review the Winterization Best Practical Treatment Controls (BPTC), also known as requirements in Attachment A of the Cannabis Cultivation General Order and indicate the facilities compliance with those standard conditions. 'Yes' meaning your facility was in compliance with the standard conditions by the onset of the winter period (listed above), 'Not applicable' meaning the condition does not apply to your specific site, and 'No' meaning the facility did not meet the condition by the onset of the winter period. If you mark 'No' please indicate the compliance date or the expected date of compliance.

	oly to your specific site, and 'No' meaning the facility did not meet the condition by the onset of the winter period. If you mark 'No' ase indicate the compliance date or the expected date of compliance.
Rep	port Dates MMDDYYYY
	nnabis cultivators shall block or otherwise close any temporary access roads to all motorized vehicles no later than the onset of the ter period each year.
Ø	Not Applicable
0	Yes
O	Not completed by the beginning of the winter period but were completed or will be completed by:
auth	nabis cultivators shall not operate heavy equipment of any kind at the cannabis cultivation site during the winter period, unless norized for emergency repairs contained in an enforcement order issued by the State Water Board, Regional Water Board, or other not having jurisdiction.
0	Yes
0	Not completed by the beginning of the winter period but were completed or will be completed by:
at th	nabis cultivators shall apply linear sediment controls (e.g., silt fences, wattles, etc.) along the toe of the slope, face of the slope, and ne grade breaks of exposed slopes to comply with sheet flow length at the frequency specified in Attachment A of the Cannabis ivation General Order. ★
0	Not Applicable
o	Yes
0	Not completed by the beginning of the winter period but were completed or will be completed by:
sedi the (nabis cultivators shall maintain all culverts, drop inlets, trash racks and similar devices to ensure they are not blocked by debris or ment. The outflow of culverts shall be inspected to ensure erosion is not undermining the culvert. Culverts shall be inspected prior to 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 cipitation to determine if maintenance or cleaning is required.
o	Not applicable
0	Yes
0	Not completed by the beginning of the winter period but were completed or will be completed by:
	ı

Cannabis cultivators shall stabilize all disturbed areas and construction entrances and exits to control erosion and sediment discharges from land disturbance.

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

active	nabis cultivators shall cover and berm all loose stockpiled construction materials (e.g., soil, spoils, aggregate, etc.) that are not ely (scheduled for use within 48 hours) being used as needed to prevent erosion by storm water. The cannabis cultivator shall have juate cover and berm materials available onsite if the weather forecast indicates a probability of precipitation. 🎪
0	Not applicable
0	Yes
0	Not completed by the beginning of the winter period but were completed or will be completed by:

Cannabis cultivators shall apply erosion repair and control measures to the bare ground (e.g., cultivation area, access paths, etc.) to prevent discharge of sediment to waters of the state.

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

Were all winterization measures implemented by the onset of the Winter Period?



© Yes C No

If winterization had not been completed by the beginning of the winter period:

What were the outstanding winterization measures? How were they addressed or how will they be addressed?

SECTION B FACILITY STATUS: Tier Status Confirmation

Stabilization of disturbed areas may change the tier status of a facility. Contact the North Coast Regional Water Quality Control Board at northcoast.cannabis@water boards.ca.gov if a change in any of the fields below is appropriate or if the "Tier Status And Risk Level", "Cultivation Area" or "Disturbed Area" is blank. When contacting the Regional Board please reference your WDID number 1_12CC402985.

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 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.

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

Tier Status And Risk Level



Note: 1L = Tier 1 Low Risk 1M = Tier 1 Moderate Risk 1H = Tier 1 High Risk 2L = Tier 2 Low Risk

2M = Tier 2 Moderate Risk 2H = Tier 2 High Risk
Cultivation Area sqft *** 24123
Disturbed Area sqft
120518
NOTE: 1 acre = 43,560 sqft
Do you need to update your tier status, risk level, disturbed area, or cultivation area for the 2019 Monitoring and Reportin period?
O Yes O No
Tes te no
Was this site/property previously enrolled in a Regional Cannabis Order (General Waiver R1-2015-0023 or General Order R5-2015-0113) at anytime during the 2018 reporting period?
Yes O No
If you selected 'Yes' above, provide the following:
Previously Enrolled WDID Number: 1B161503CHUM
The General Walver R1-2015-0023 WDID will be in the format 1X1####CXXX (ex. 1D13456CWLZ) and the General Order R5-2015-011 WDID will be in the format 5X##MJ00### (ex. 5H23MJ00456) where X's are letters, 0 are zero's, and #'s are numbers.
Voluntary Information: If applicable please enter the information below.
Small Irrigation Use Registration Number: H501532
California Department of Food and Agriculture (CDFA) License Number: LCA18-0000552, LCA18-0000443 California Department of Fish and Wildlife (CDFW) LSA Self-Certification Application or Notification (Standard or General) Number:
Notification No. 1600-2017-0360-R1
SECTION B FACILITY STATUS: Third Party Identification
Some Regional Water Boards may approve third party programs to assist cannabis cultivators with enrollment and compliance with the Cannabis Cultivation General Order.
Has there been any change in third party status?
To Yes O No
If there has been any change in third party status: Please describe change in third party status. (company/agent: address: email: phone: etc)
SECTION C SITE MAINTENANCE STATUS: Surface Water Runoff
Dischargers that are classifed 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?
To Yes O No O 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.).
February Run off Observed?
Yes O No O 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.).
March Run off Observed?
Yes O No O 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.).
April Run off Observed?
To Yes 6 No C 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.).
May Run off Observed?
To Yes © No O 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.).
June Run off Observed?
O Yes O No O 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.).
July Run off Observed?
O Yes O No O Not Applicable
Mark the sources of surface water runoff that apply.
☐ Storm Water
☐ Irrigation Water

Under Report any conditions of surface water runoff, including location, duration, and source of runoff (irrigation water, storm water, etc.).
August Run off Observed?
Yes O No O 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.).
September Run off Observed?
O Yes O No O 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.).
October Run off Observed?
O Yes O No O 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.).
November Run off Observed?
O Yes O No O 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.).
December Run off Observed?
To Yes O No O Not Applicable
Mark the sources of surface water runoff that apply.
☐ Storm Water
☐ Irrigation Water
· Cother
Report any conditions of surface water runoff, including location, duration, and source of runoff (irrigation water, storm water, etc.).
SECTION C SITE MAINTENANCE STATUS: Soil Erosion Observations

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 deepr 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.

January Soil Erosion O	bserved:	
Yes	O No	Not Applicable
Gullying		
Turbid Wat	er Discharge	
Landslide		
Other Soll Erosion De	escription	
February Soil Erosion Ol	bserved:	
Yes	O No	Not Applicable
Gullying		
Turbid Wate	er Discharge	
Landslide		
Other Soil Erosion De	escription	
March Soil Erosion Ol	oserved:	
Yes	O No	Not Applicable
☐ Gullying		
☐ Turbid Wate	er Discharge	
Landslide		
☐ Other Soil Erosion De	escription	·
April Soil Erosion Ob	oserved:	
Yes	⊙ No	Not Applicable
☐ Gullying		
☐ Turbid Wate	er Discharge	
Landslide		
☐ Other Soil Erosion De	escription	
May Soil Erosion Ob	eserved:	
O Yes	⊙ No	Not Applicable
Gullying		
☐ Turbid Wate	r Discharge	
Landslide		
Other		
Soil Erosion De	scription	
June Soil Erosion Ob	served:	
Yes	No	Not Applicable
☐ Gullying		

☐ Turbid Water Discharge ☐ Landslide	
☐ Other Soil Erosion Description	
July Soil Erosion Observed:	
Yes 6 No	○ Not Applicable
Gullying	
Turbid Water Discharge	
Landslide	
☐ Other Soil Erosion Description	
August Soil Erosion Observed:	
🏂 C Yes C No	 Not Applicable
☐ Gullying	
Turbid Water Discharge	
Landslide	
□ Other	
Soil Erosion Description	
September Soil Erosion Observed:	
* C Yes © No	Not Applicable
☐ Gullying	
Turbid Water Discharge	
☐ Landslide	
Cther	
Soil Erosion Description	
Ootobor	
October Soil Erosion Observed:	
Tyes 6 No	Not Applicable
Gullying	
Turbid Water Discharge	
Landslide	
Cother Soil Erosion Description	
November Soil Erosion Observed:	
🌋 C Yes C No	
Gullying	
Turbid Water Discharge	
Landslide	
Other	
Soil Erosion Description	
December	
Soil Erosion Observed:	

C Yes

C No

☐ Gullying
Turbid Water Discharge
Landslide
Other Soil Erosion Description
SECTION C SITE MAINTENANCE STATUS: Erosion Control and Sediment Capture Maintenance and Control Measures
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:
Good
Were erosion control measures implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp placement, decomposed granite, gravel mulch, rock slope protection)
Yes C No C Not Applicable Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads
maintained year round. 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)
Silt fences, fiber roles, and biofilter swale used and maintained year round.
February Please indication the general condition of the sediment capture measures:
Were erosion control measures implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp placement, decomposed granite, gravel mulch, rock slope protection)
Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads Yes C No C Not Applicable
maintained year round. 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)
Silt fences, fiber roles, and biofilter swale used and maintained year round.
March Please indication the general condition of the sediment capture measures:
🥸 ତ୍ରେ ଓ Fair C Not Functioning C None Installed C Not Applicable
Were erosion control measures implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp placement, decomposed granite, gravel mulch, rock slope protection)
Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads C Yes C No C Not Applicable

maintained year round.

Were sediment capture measures implemented or maintenance performed? If 'yes' please describe. (i.e silt fence, fiber rolls, strawbale

barrier, biofilter bags, check dams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls, compost socks and berms)
Silt fences, fiber roles, and biofilter swale used and maintained year round.
160 a no la Nota ppinedate
April Please indication the general condition of the sediment capture measures:
Were erosion control measures implemented or maintenance performed? If 'yes' please describe, (i.e hydro seeding, jutt netting, tarp
placement, decomposed granite, gravel mulch, rock slope protection) Yes C No C Not Applicable Placement, decomposed granite, gravel mulch, rock slope protection) Placement, decomposed granite, gravel mulch, rock slope protection)
maintained year round. 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)
Silt fences, fiber roles, and biofilter swale used and maintained year round.
May Please indication the general condition of the sediment capture measures:
🥸 ເ Good C Fair C Not Functioning C None Installed C Not Applicable
Were erosion control measures implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp placement, decomposed granite, gravel mulch, rock slope protection)
Yes C No C Not Applicable Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads
maintained year round.
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)
Silt fences, fiber roles, and biofilter swale used and maintained year round.
June
Please indication the general condition of the sediment capture measures:
Were erosion control measures implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp placement, decomposed granite, gravel mulch, rock slope protection)
Yes C No C Not Applicable Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads
maintained year round. 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) Silt fences, fiber roles, and biofilter swale used and maintained year round. Yes C No C Not Applicable
Yes C No C Not Applicable

Jul ₂ Plea		n the genera	condition of the sediment capture measures:	
1	€ Good	C Fair	C Not Functioning C None Installed C Not Applicable	
			es implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp nite, gravel mulch, rock slope protection)	
1	• Yes	C No	Not Applicable Not Applicable	Š
Wei		capture mea pags, check	sures implemented or maintenance performed? If 'yes' please describe. (i.e silt fence, fiber rolls, straw badams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls,	ıle
the state of the s	• Yes	C No	Not Applicable Silt fences, fiber roles, and biofilter swale used and maintained year round.	
	just ase indication	the genera	condition of the sediment capture measures:	
咖	€ Good	O Fair	C Not Functioning C None Installed C Not Applicable	
			es implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp ite, gravel mulch, rock slope protection)	
Wer barr		apture meas ags, check	C Not Applicable Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads ures implemented or maintenance performed? If 'yes' please describe. (i.e silt fence, fiber rolls, straw balams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls,	
*	€ Yes	C No	C Not Applicable Silt fences, fiber roles, and biofilter swale used and maintained year round.	
Sen	tember			
Plea	se indication	the general	condition of the sediment capture measures:	
*	€ Good	C Fair	C Not Functioning C None Installed C Not Applicable	
			es implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp ite, gravel mulch, rock slope protection)	
	• Yes stained year r e sediment c		C Not Applicable	
	ier, biofilter b post socks ar	_	ams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls,	
1	€ Yes	C No	C Not Applicable	

Please	indication t	he general	condition of the sediment capture measures:
*	ে Good	C Fair	C Not Functioning C None Installed C Not Applicable
			es implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp ite, gravel mulch, rock slope protection)
1	• Yes	C No	C Not Applicable Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads
	ned year ro		
barrier,		gs, check d	ures implemented or maintenance performed? If 'yes' please describe. (i.e silt fence, fiber rolls, straw bala ams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls,
1	• Yes	C No	C Not Applicable Silt fences, fiber roles, and biofilter swale used and maintained year round.
Novem Please		he general	condition of the sediment capture measures:
*	Good	C Fair	C Not Functioning C None Installed C Not Applicable
			s implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp te, gravel mulch, rock slope protection)
	Yes	C No	C Not Applicable Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads
Were se barrier,	ediment cap	oture measu gs, check d	rres implemented or maintenance performed? If 'yes' please describe. (i.e silt fence, fiber rolls, straw bale ams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls,
AL.	Yes		Not Applicable Silt fences, fiber roles, and biofilter swale used and maintained year round.
Decem	hor		
		ne general d	condition of the sediment capture measures:
* G	Good	C Fair	C Not Functioning C None Installed C Not Applicable
		osed grani	s implemented or maintenance performed? If 'yes' please describe. (i.e hydro seeding, jutt netting, tarp te, gravel mulch, rock slope protection)
	Yes led year ro		C Not Applicable Hydroseeding, jute netting, hand broadcast seed, straw mulch, and graveling of roads
Were se barrier, l	diment cap	oture measu gs, check da l berms)	res implemented or maintenance performed? If 'yes' please describe. (i.e silt fence, fiber rolls, straw bale ams, storm inlet protection, drainage swales, sediment basin, manufactured linear sediment controls,
* 6	Yes	C No	Not Applicable Silt fences, fiber roles, and biofilter swale used and maintained year round.
SEC ⁻	TION (SITE	MAINTENANCE STATUS: Stabilization of Disturbed Areas

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

January

October

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

Ø	Disturbed area stabilized inside and outside the riparlan setback.
O	Disturbed area stabilized outside the riparian setback only.
O	Disturbed area stabilized inside the riparian setback only.
O	No stabilization of disturbed area occurred.
0	Not Applicable
Feb	ruary
	k the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the ack.
0	Disturbed area stabilized inside and outside the riparian setback.
0	Disturbed area stabilized outside the riparian setback.
O	Disturbed area stabilized inside the riparian setback.
O	No stabilization of disturbed area occurred.
O	Not Applicable
Mar	ch
	k the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the ack. 🎪
0	Disturbed area stabilized inside and outside the riparian setback.
0	Disturbed area stabilized outside the riparian setback.
O	Disturbed area stabilized inside the riparlan setback.
O	No stabilization of disturbed area occurred.
0	Not Applicable
Apri	I
	t the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the ack.
0	Disturbed area stabilized inside and outside the riparian setback.
Ö	Disturbed area stabilized outside the riparian setback.
0	Disturbed area stabilized inside the riparian setback.
0	No stabilization of disturbed area occurred.
0	Not Applicable
May	
	the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the ack.
9	Disturbed area stabilized inside and outside the riparian setback.
5	Disturbed area stabilized outside the riparian setback.
c	Disturbed area stabilized inside the riparian setback.
2	No stabilization of disturbed area occurred
5	Not Applicable

Mark the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the setback. 🌸 0 Disturbed area stabilized inside and outside the riparian setback. 0 Disturbed area stabilized outside the riparian setback. Ö Disturbed area stabilized inside the riparian setback. O No stabilization of disturbed area occurred. 0 Not Applicable July Mark the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the setback. 🎳 Ø Disturbed area stabilized inside and outside the riparian setback. 0 Disturbed area stabilized outside the riparian setback. O Disturbed area stabilized inside the riparian setback. O No stabilization of disturbed area occurred. O Not Applicable August Mark the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the setback. 0 Disturbed area stabilized inside and outside the riparian setback. 0 Disturbed area stabilized outside the riparian setback. O Disturbed area stabilized inside the riparian setback. Ö No stabilization of disturbed area occurred. O Not Applicable September Mark the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the setback. 🎪 0 Disturbed area stabilized inside and outside the riparian setback. O Disturbed area stabilized outside the riparian setback. 0 Disturbed area stabilized inside the riparian setback. O No stabilization of disturbed area occurred. 0 Not Applicable October Mark the best description of disturbed area stabilization activities. Describe activities performed to stabilize the disturbed area within the setback. 🎪 0 Disturbed area stabilized inside and outside the riparian setback. 0 Disturbed area stabilized outside the riparian setback.

0

0

O

Not Applicable

Disturbed area stabilized inside the riparian setback.

No stabilization of disturbed area occurred.

November

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

O Disturbed area stabilized inside and outside the riparian setback.

O Disturbed area stabilized outside the riparian setback.

O Disturbed area stabilized inside the riparian setback.

No stabilization of disturbed area occurred.

O Not Applicable

December

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.

O Disturbed area stabilized outside the riparian setback

O Disturbed area stabilized inside the riparian setback.

O No stabilization of disturbed area occurred.

O Not Applicable

SECTION C SITE MAINTENANCE STATUS: Material(s) Storage Erosion/Spills Prevention

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.)

Desribe Measures Taken to Prevent Accidental January Discharge Stockpiled soil is stored on flat stable ☑ Potting Soil ground with tarping for containment. Manure Stored in an appropriate container within a Chemical weatherproof structure. Fertilizer ☑ Gasoline/Diesel/Ethaniol in an appropriate container within a weatherproof structure. Stored in an appropriate container within a ✓ Herbicides weatherproof structure. Stored in an appropriate container within a Pesticides weatherproof structure. List other materials that were on site that could T Other degrade water quality if discharged and measures taken to prevent accidental discharge.

February

Describe Measures Taken to Prevent Accidental

Discharge Stockpiled soil is stored on flat stable

Potting Soil Discharge Stockpiled soil is stored a ground with tarping for containment.

Manure

☑ Chemical Stored in an appropriate container within a

Fertilizer weatherproof structure.

V	Gasoline/Diesel/Eth	nationed in an appropriate container within a weatherproof structure.
V	Herbicides	Stored in an appropriate container within a weatherproof structure.
V	Pesticides	Stored in an appropriate container within a weatherproof structure.
	Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.
M	arch	Desribe Measures Taken to Prevent Accidental
V	Potting Soil	Discharge Stockpiled soil is stored on flat stable
F-3-m2		ground with tarping for containment.
, 	Manure	
LJ	wanure	
V	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.
V	Gasoline/Diesel/Eth	Stored in an appropriate container within a weatherproof structure.
Z	Herbicides	Stored in an appropriate container within a weatherproof structure.
V	Pesticides	Stored in an appropriate container within a weatherproof structure.
	Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.
Ар	ril	Desribe Measures Taken to Prevent Accidental
Ap ☑	ril Potting Soil	Desribe Measures Taken to Prevent Accidental Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.
Z		Discharge Stockpiled soil is stored on flat stable
	Potting Soil Manure	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.
	Potting Soil Manure Chemical	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a
	Potting Soll Manure Chemical Fertilizer	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure.
	Potting Soll Manure Chemical Fertilizer	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a
	Potting Soll Manure Chemical Fertilizer	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure.
	Potting Soil Manure Chemical Fertilizer Gasoline/Diesel/Eth	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a
	Potting Soil Manure Chemical Fertilizer Gasoline/Diesel/Eth Herbicides	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure.
	Potting Soil Manure Chemical Fertilizer Gasoline/Diesel/Eth Herbicides Pesticides Other	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. List other materials that were on site that could degrade water quality if discharged and measures
	Potting Soil Manure Chemical Fertilizer Gasoline/Diesel/Eth Herbicides Pesticides Other	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.
	Potting Soil Manure Chemical Fertilizer Gasoline/Diesel/Eth Herbicides Pesticides Other	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge. Desribe Measures Taken to Prevent Accidental Discharge Stockpiled soil is stored on flat stable
	Potting Soil Manure Chemical Fertilizer Gasoline/Diesel/Eth Herbicides Pesticides Other Py Potting Soil Manure	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge. Desribe Measures Taken to Prevent Accidental Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.
	Potting Soil Manure Chemical Fertilizer Gasoline/Diesel/Eth Herbicides Pesticides Other Py Potting Soil Manure Chemical Fertilizer	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. Stored in an appropriate container within a weatherproof structure. List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge. Desribe Measures Taken to Prevent Accidental Discharge Stockpiled soil is stored on flat stable

	☑ Herbicides	Stored in an appropriate container within a weatherproof structure.
	Pesticides	Stored in an appropriate container within a weatherproof structure.
	☐ Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.
	June	Desribe Measures Taken to Prevent Accidental
	Potting Soil	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.
	☐ Manure	
	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.
	☑ Gasoline/Diesel/Eth	Stored in an appropriate container within a weatherproof structure.
	Herbicldes	Stored in an appropriate container within a weatherproof structure.
	☑ Pesticides	Stored in an appropriate container within a weatherproof structure.
	☐ Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.
	July	Describe Measures Taken to Prevent Accidental
	Potting Soil	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.
	☐ Manure	
	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.
	☑ Gasoline/Diesel/Eth	astored in an appropriate container within a weatherproof structure.
	✓ Herbicides	Stored in an appropriate container within a weatherproof structure.
	☑ Pesticides	Stored in an appropriate container within a weatherproof structure.
•	Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.
	August Potting Soll	Describe Measures Taken to Prevent Accidental Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.
		ground with tarping for contaminants.
	Manure	
	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.
	☑ Gasoline/Diesel/Eth	Stored in an appropriate container within a weatherproof structure.
	☑ Herbicides	Stored in an appropriate container within a weatherproof structure.

Z	Pesticides	Stored in an appropriate container within a weatherproof structure.			
	Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.			
	ptember Potting Soil	Describe Measures Taken to Prevent Accidental Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.			
	Manure				
V	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.			
Z	Gasoline/Diesel/Eth	Stored in an appropriate container within a weatherproof structure.			
Ø	Herbicides	Stored in an appropriate container within a weatherproof structure.			
V	Pesticides	Stored in an appropriate container within a weatherproof structure.			
	Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.			
Oc	tober	Describe Measures Taken to Prevent Accidental			
	Potting Soil	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.			
	Manure				
V	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.			
V	Gasoline/Diesel/Eth	Stored in an appropriate container within a weatherproof structure.			
Z	Herbicides	Stored in an appropriate container within a weatherproof structure.			
V	Pesticides	Stored in an appropriate container within a weatherproof structure.			
	Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.			
November Describe Measures Taken to Prevent Accidental					
Z	Potting Soil	Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.			
	Manure				
	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.			
V	Gasoline/Diesel/Etha	Stored in an appropriate container within a weatherproof structure.			
7	Herbicides	Stored in an appropriate container within a weatherproof structure.			
Į.	Pesticides	Stored in an appropriate container within a			

,

	Other	List other materials that were on site that could degrade water quality if discharged and measures taken to prevent accidental discharge.
-	cember Potting Soil	Describe Measures Taken to Prevent Accidental Discharge Stockpiled soil is stored on flat stable ground with tarping for containment.
	Manure	
V	Chemical Fertilizer	Stored in an appropriate container within a weatherproof structure.
Z	Gasoline/Diesel/Eth	Stored in an appropriate container within a weatherproof structure.
Z	Herbicides	Stored in an appropriate container within a weatherproof structure.
V	Pesticides	Stored in an appropriate container within a weatherproof structure.
	Other	List other materials that were on site that could degrade water quality if discharged and measures

taken to prevent accidental discharge.

SECTION C SITE MAINTENANCE STATUS: Holding Tank for non domestic and domestic waste water, Septic Tank, or Chemical Toilet Servicing

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

Do you have additional service dates and activities to report?

<u>₩</u> <u>No</u>

The next series of slides ask for constituents turbidity and pH measurements. The following instructions apply to both turbidity and pH measurements.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. Additional samples may be required to adequately characterize the discharge from all areas. Monitoring shall be performed during all months in which activity is occurring at the site until winterization is complete. Monitoring is not required after winterization is complete for unoccupied sites during winter months.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided thay they are used by a California Environmental Laboratory Program certified laboratory or:

- 1. The user is trained in proper use and maintenance of the instruments;
- 2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
- 3. Instruments are serviced by the manufacturer or authorized representative at the recommended frequency; and
- 4. Field calibration reports are maintained and available for at least three years.

If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Regional Water Board staff.

SECTION D STORM WATER RUNOFF MONITORING: Constituent Turbidity

Monitoring will be preformed 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)

Do you have additional turbidity readings to report?
★ No

SECTION D STORM WATER RUNOFF MONITORING: Constituent pH

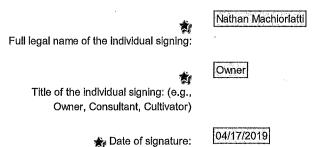
Monitoring will be preformed once per calendar month when precipitation is forecast to exceed 0.25 in/day.

SECTION E: Certification 2017-0023-DWQ

If there were no violations observed during the reporting period type "No Violations Observed" in the field below. If violations were observed summarize the numbers and severity of the violations found during the reporting period, and actions taken or planned to correct the violation and prevent future violations.

No violations observed

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 the 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.



REGIONAL ORDER NO. R1-2015-0023: Annual Report Overview

Note: If the site/property was transitioned to the Statewide Cannabis General Order (WQ 2017-0023-DWQ) in 2018, please complete the Annual Report for that Order first by entering your WDID associated with the Statewide Cannabis General Order (format example: 1_23CC456789). You will be directed back to this page once you have completed the Annual Report for the Statewide Cannabis General Order.

Welcome to the Annual Monitoring and Reporting Portal for North Coast Regional Order No. 2015-0023 Waiver of Waste Discharge Requirements and General Water Quality Certification for Discharges of Waste Resulting from Cannabis Cultivation and Associated Activities or Operations with Similar Environmental Effects in the North Coast Region (Regional Cannabis Order). This application allows cannabis dischargers to electronically submit their Annual Report pursuant to Water Code section 13267 as required by the Regional Cannabis Order. The portal consists of the following sections:

Section 1: Enrollment and Site Information
Section 2: Compliance with Standard Conditions
Section 3: Quantitative Site Characterization
Section 4: Water Use
Section 5: Certification

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

Click 'Save and Continue' below to continue.

REGIONAL ORDER NO. R1-2015-0023: Enrollment and Site Information

Note: This Annual Report will correspond to the following Enrollment:

1B161503CHUM Enrollee - Waiver for Machiorlatti, Nathan (Macras Land Co.)
1_12CC402985 Enrollee - WDR under Cannabis General Order for Machiorlatti, Nathan (Macras Land Co.)

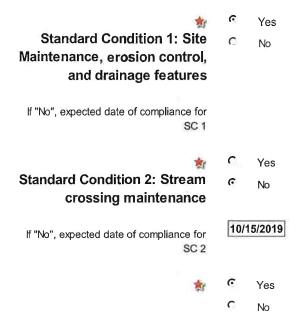
If the enrollment information listed above does not appear to be associated with your cannabis cultivation please confirm that the Regional Order WDID listed above (format example: 1B123456CHUM) matches the number listed on the Notice of Applicability (NOA) issued by the North Coast Regional Water Quality Control Board (NCRWQCB). If you need to correct the WDID you can use the "Prev" button to return to the page on which the WDID was entered, without losing any saved changes.

If you have confirmed the WDID was entered exactly as shown on the NOA and the information listed above is still incorrect, please contact the NCRWQCB at (707) 576- 2676 or by email at northcoast.cannabis@waterboards.ca.gov.



Site in Compliance with Standard Conditions?

Note: If a standard condition is not met, indicate "No" and provide expected date of compliance. If a standard condition has been met or is not applicable indicate "Yes" the standard condition has been met (for example, if there are no stream crossings onsite, Standard Condition 2 would be met and "Yes" would be the proper choice).



Standard Condition 3: Riparian and wetland protection management

If "No", expected date of compliance for SC 3

Yes

Standard Condition 4: Spoils management

No

If "No", expected date of compliance for SC 4

<u>*</u> 6 \

Standard Condition 5: Water cstorage and use

Yes No

If "No", expected date of compliance for

• Yes

Standard Condition 6: C No Irrigation runoff

If "No", expected date of compliance for SC 6

ে Yes

Standard Condition 7: Fertilizers and soil amendments

C No

If "No", expected date of compliance for SC 7

Yes

Standard Condition 8: Pesticides and herbicides

No

If "No", expected date of compliance for SC 8

Yes

Standard Condition 9: C No
Petroleum products and other
chemicals

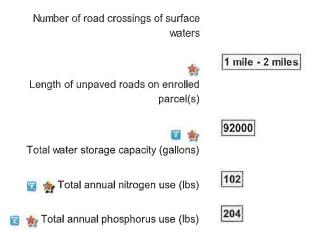
If "No", expected date of compliance for SC 9

Yes

Standard Condition 10: O No Cultivation-related waste

If "No", expected date of compliance for

SC 10

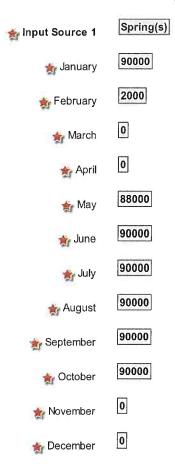


REGIONAL ORDER NO. R1-2015-0023: Water Use

Water Input to Storage (gallons per month)

To Note: Multiple cases of a single source category should be combined (e.g. if there are multiple wells, report monthly sum from all as a single source). Additionally, a new source category has been added (Hydrologically Connected Well(s)) for wells that are in close proximity to surface water.

Input Source 1



Input Source 2

Input Source 2 January February March Arpil May June July August September October November December Input Source 3 January February

Input Source 3

March

April

May

June

July

August

September

October

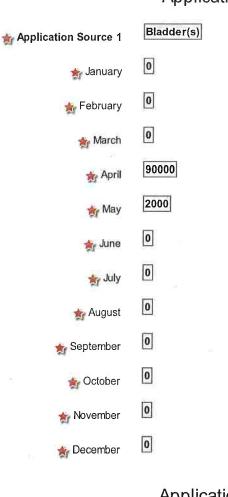
November

December

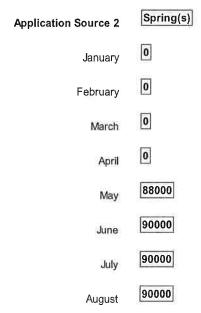
Water Applied to Plants (gallons per month)

Note: If water is applied from storage, select the type of storage as the Application Source, rather than the original source of the water.

Application Source 1



Application Source 2



September	90000
October	90000
November	0
December	0

Application Source 3

Application Source 3 January February March April May June July August September October

If "Other" is selected for either input Source or Application Source please provide a brief description here:

How was water use estimated? * Tank Filling Frequency

If estimation method is "Other" please provide a brief description here:

November

December

O No

Yes

Was this site transferred to the Statewide Cannabis Order during 2018?

REGIONAL ORDER NO. R1-2015-0023: Certification

Note: This Annual Report will be submitted for the following Enrollment:

1B161503CHUM Enrollee - Waiver for Machiorlatti, Nathan (Macras Land Co.)
1_12CC402985 Enrollee - WDR under Cannabis General Order for Machiorlatti, Nathan (Macras Land Co.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and that, based on my collection of this information or my inquiry of those individuals immediately responsible for collecting 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.

Full legal name of the individual signing

Owner

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

nate of signature

Submission

SUBMISSION PAGE

04/17/2019

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 discharger and the person filing this report for the monitoring and reporting program required by the statewide General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities (General Order) and Waiver of Waste Discharge Requirements and General Water Quality Certification for Discharges of Waste Resulting from Cannabis Cultivation and Associated Activities or Operations with Similar Environmental Effects In the North Coast Region (Regional Order). The agency officials responsible for this system of records are Kevin Porzio (General Order), Senior Engineer, whose business address is 1001 I Street, 15th Floor, Sacramento, CA 95814 and whose business telephone is (916) 341-6914 and Kason Grady (Regional Order), Senior Engineer, whose business address is 5550 Skylane Boulevard, Santa Rosa, CA 95403 and whose business telephone is (707) 576-2220. 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. Failure to provide the mandatory information for General Order Monitoring and Reporting Program 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.

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