



North Coast Regional Water Quality Control Board

February 2, 2021

Certified Mail No. 7016 2710 0000 2653 3609

James Vattuone
9 Wellbrock Heights
San Rafael, CA, 94903
jimvattuone@hotmail.com

Certified Mail No. 7016 2710 0000 2653 3616

Clifford C. and Dianne T. Vattuone
12 Luisa Court
San Rafael, CA, 94903

Dear Mr. Vattuone, Mr. Vattuone and Ms. Vattuone:

Subject: Notice of Violation, Directive to Obtain Regulatory Coverage for Cannabis Cultivation, and Transmittal of Inspection Report for Sonoma County Assessor's Parcel Number (APN): 084-210-001-000

File: Cannabis Program Inspections, Sonoma County, 2020, CIWQS Place ID: 842542

This letter is to notify you of observed violations of the requirements listed below for unauthorized discharges to waters of the state from the above-referenced parcel (Property):

California Water Code (Water Code) sections 13260 and 13264

Water Quality Control Plan for the North Coast Region (Basin Plan) section 4.2.1 Prohibition 2

This letter directs you, within 30 days, to take action to comply with Water Code 13260. In addition, this letter directs you, within 30 days, to contact Regional Water Board staff to advise of your plan to implement recommendations in the attached report.

VALERIE L. QUINTO, CHAIR | MATTHIAS ST. JOHN, EXECUTIVE OFFICER

Background

On November 4, 2020, staff from the North Coast Regional Water Quality Control Board (Regional Water Board), accompanied by personnel from the California Department of Fish and Wildlife, and Sonoma County of Building and Safety Division Code Enforcement, inspected the subject Property. The purpose of the inspection was to evaluate onsite development and conditions, and to identify and assess any impacts or threatened impacts to the quality and beneficial uses of waters of the state.

Attached is a copy of the water quality inspection report (November 4, 2020 Inspection Report). Please review the inspection report carefully and completely.

The inspection report contains recommendations for correcting observed violations and water quality concerns observed on the Property and advises you of the Regional Water Board permits necessary for instream work and projects/activities that result in discharges of waste to receiving waters.

Relevant Requirements

During the inspection, Regional Water Board staff observed features and conditions on the Property that represent violations of water quality requirements and regulations. Attachment A – Regulatory Citations, provides references to these requirements and regulations.

Observed Violations

As documented in the inspection report, Regional Water Board staff observed preparations for future cannabis cultivation and associated site disturbance of sufficient size and scope to require regulatory coverage under State Water Resources Control Board (State Water Board) Order No. WQ-2019-0001-DWQ, *General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities* (Statewide General Order). The Regional Water Board has no record of this Property's enrollment under the Statewide General Order. Outdoor cannabis cultivation activities in California with land disturbance of 2,000 square feet or more that are not enrolled for coverage under the Statewide General Order or individual waste discharge requirements violate Water Code section 13260.

Staff also observed the threat of earthen material from the site development at WQ 5 and WQ 6 and inadequate stream crossings at WQ 3 and WQ 4 in violation of the Basin Plan Section 4.2.1, Prohibition 2.

Additional Potential Liabilities

The Regional Water Board is in the process of considering whether the violations of the Water Code warrant further enforcement. We encourage you to take steps, to correct the violations as soon as possible, securing any applicable permits from this and other

agencies prior to conducting work. Please note that the existing conditions, as observed and documented in the Inspection Report, may represent continuing violations of the Water Code and the Basin Plan.

Please note that correcting the conditions of non-compliance at the Property does not preclude enforcement for the violations alleged in this notice. As noted above, the Regional Water Board reserves its right to fully enforce the law against any violation and threatened violation by taking enforcement actions such as a cleanup and abatement order, time schedule order, administrative civil liabilities, and referral to the California Attorney General's office. Administrative civil liabilities may be assessed on a daily basis in the amount up to \$5,000 for each day the violation occurs or up to \$10 per gallon, but not both pursuant to Water Code section 13350.

Directive to Obtain Regulatory Coverage

Based on the observations detailed in the attached inspection report, and mentioned above, the Regional Water Board has determined that you are required to comply with Water Code section 13260 by taking one of the following actions within **30 calendar days of this letter**:

- 1) Enroll the property under the Statewide General Order by providing the information required in the online application process. The application can be accessed at: <https://public2.waterboards.ca.gov/cgo>. You must also submit an application fee to the State Water Board within 30 days of submitting the online application. The fee must be submitted to one of the following addresses, based on the method of delivery.

By U.S. Mail:	In person or by courier delivery:
Accounting Office Attn: Water Quality Fees – Cannabis General Order P.O. Box 1888 Sacramento, CA 95812-1888	Accounting Office Attn: Water Quality Fees – Cannabis General Order 1001 I Street Sacramento, CA 95814

- 2) File a Report of Waste Discharge in order to obtain individual Waste Discharge Requirements (WDRs) specific to your property.

Please submit the appropriate documents and payments to:

North Coast Water Board
Attn: Diana Henriouille
Cannabis Waste Discharge Regulatory Program
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

OR

- 3) If you believe regulatory coverage is not required under any of the options listed above, either because **the property is not being developed for cannabis cultivation**, or because the operations that are occurring are not subject to regulation under the Statewide General Order or individual WDRs, please **provide a written response** explaining your non-applicability (with all supporting documentation including photos if necessary) to the Regional Water Board at the address provided above. Regional Water Board staff may contact you to verify your response.

Water Code section 13260 states, in relevant part:

(a) Each of the following persons shall file with the appropriate regional board a report of the discharge, containing the information which may be required by the regional board:

- (1) Any person discharging waste, or proposing to discharge waste, within any region that could affect the quality of the waters of the state, other than into a community sewer system.

Water Code section 13264 states, in relevant part:

(a) No person shall initiate any new discharge of waste or make any material changes in any discharge...prior to the filing of the report required by Section 13260 and no person shall take any of these actions after filing the report but before whichever of the following occurs first:

- (1) The issuance of waste discharge requirements pursuant to Section 13263.
(2) The expiration of 140 days after compliance with section 13260
(3) The issuance of a waiver pursuant to section 13269.

Failure to comply with Water Code sections 13260 and 13264 may result in an administrative civil liability under Water code sections 13261 and 13265 not to exceed \$1,000 per violation for each day in which each violation occurs.

Inspection Report Recommendations

As mentioned above, the November 4, 2020 Inspection Report provides recommendations to correct violations, as well as to address features and conditions that threaten to impact water quality. **Within 30 days of this letter**, please advise Brian Fuller of your intentions, plan, and schedule to implement recommendations in the inspection report. Brian Fuller can be reached at (707) 576-2806 or by email at Brian.Fuller@waterboards.ca.gov.

Future correspondence regarding this matter will be sent to you at this address unless an alternative address is provided to the Regional Water Board. Failure to accept mail from the Regional Water Board is not a valid excuse for non-compliance with any future enforcement orders, and a failure to respond or otherwise appear at a future

enforcement proceeding could subject you to a default order and the imposition of administrative civil liability.

If you have any questions regarding this matter, please contact Brian Fuller at the phone number or email above. You may also contact me at Diana.Henrioulle@waterboards.ca.gov or by phone at (707) 576-2350.

Additionally, we are available to meet with you if you wish to discuss this letter, inspection report, or our waste discharge regulatory programs in further detail.

Sincerely,

Diana Henrioulle, P.E.
Enforcement Unit

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Attachments: Attachment A – Regulatory Citations
Water Quality Report of November 4, 2020 Inspection

cc: Department of Fish and Wildlife

Timothy Dodson, Timothy.Dodson@wildlife.ca.gov

Matthew Jones, Matthew.Jones@Wildlife.ca.gov

County of Sonoma Building & Safety Division- Code Enforcement

Michael Carey, Michael.Carey@sonoma-county.org

State Water Resources Control Board Division of Water Rights

Zachary Zwahlen, Zachary.Zwahlen@Waterboards.ca.gov

North Coast Regional Water Quality Control Board

Kason Grady, Kason.Grady@waterboards.ca.gov

Brian Fuller, Brian.Fuller@Waterboards.ca.gov

Attachment A – Regulatory Citations

Regulatory Section	Citation
Basin Plan Section 4.2.1, Prohibition 2	Prohibits “[t]he placing or disposal of soil, silt, bark, slash, sawdust, or other organic and earthen material from any logging, construction, or associated activity of whatever nature at locations where such material could pass into any stream or watercourse in the basin in quantities which could be deleterious to fish, wildlife, or other beneficial uses.”
California Water Code Section 13260	<p>“(a) Each of the following persons shall file with the appropriate regional board a report of the discharge, containing the information that may be required by the regional board:</p> <p style="padding-left: 40px;">(1) A person discharging waste, or proposing to discharge waste, within any region that could affect the quality of the waters of the state, other than into a community sewer system.</p> <p style="padding-left: 40px;">(2) A person who is a citizen, domiciliary, or political agency or entity of this state discharging waste, or proposing to discharge waste, outside the boundaries of the state in a manner that could affect the quality of the waters of the state within any region.”</p>
California Water Code Section 13261(a)	“A person who fails to furnish a report or pay a fee under Section 13260 when so requested by a regional board is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).”

Regulatory Section	Citation
California Water Code Section 13264 (a)	<p data-bbox="562 235 1850 412">“No person shall initiate any new discharge of waste or make any material changes in any discharge, or initiate a discharge to, make any material changes in a discharge to, or construct, an injection well, prior to the filing of the report required by Section 13260 and no person shall take any of these actions after filing the report but before whichever of the following occurs first:</p> <p data-bbox="646 451 1633 521">(1) The issuance of waste discharge requirements pursuant to Section 13263.</p> <p data-bbox="646 560 1696 667">(2) The expiration of 140 days after compliance with Section 13260 if the waste to be discharged does not create or threaten to create a condition of pollution or nuisance and any of the following applies:.....</p> <p data-bbox="646 706 1444 743">(3) The issuance of a waiver pursuant to Section 13269.”</p>
California Water Code Section 13265(a)	<p data-bbox="562 782 1864 922">“Any person discharging waste in violation of Section 13264, after such violation has been called to his attention in writing by the regional board, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b). Each day of such discharge shall constitute a separate offense.”</p>
California Water Code Section 13350	<p data-bbox="562 966 1850 1295">“A person who (1) violates a cease and desist order or cleanup and abatement order hereafter issued, reissued, or amended by a regional board or the state board, or (2) in violation of a waste discharge requirement, waiver condition, certification, or other order or prohibition issued, reissued, or amended by a regional board or the state board, discharges waste, or causes or permits waste to be deposited where it is discharged, into the waters of the state, or (3) causes or permits any oil or any residuary product of petroleum to be deposited in or on any of the waters of the state, except in accordance with waste discharge requirements or other actions or provisions of this division, shall be liable civilly, and remedies may be proposed, in accordance with subdivision (d) or (e).”</p>



North Coast Regional Water Quality Control Board

TO: Diana Henriouille

FROM: Brian Fuller

DATE: December 8, 2020

Report of November 4, 2020 Consent Inspection of Sonoma County Assessor's Parcel Number (APN): 084-210-001-000

File: Cannabis Program Inspections, Sonoma County, 2020,
CIWQS Place ID: 842542

Property information:

County: Sonoma

Physical address: 7250 Giovanetti Road, Forestville

APN: 084-210-001-000

Owner: Clifford C. and Dianne T. Vattuone
12 Luisa CT, San Rafael, CA, 94903

Transaction History (per LandVision):

- On March 27, 2017 Clifford C. and Dianne T. Vattuone purchased the property from Teresa Kotsifakis and Jim Smyrniotis

Size: 80 acres.

Watershed:

Russian River Hydrologic Unit; Lower Russian River Hydrologic Area; Guerneville Hydrologic Subarea (HU/HA/HSA 114.11; Table 2-1, Water Quality Control Plan for the North Coast Region).

Aerial Imagery Notes:

The southern half of the property was forested in August of 2016 (Aerial Image 1). One acre of forested land was cleared by July 13, 2017 (Aerial Image 2). There was not substantial land development in the southern part of the property between July 2017

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and August 2019 (Aerial Image 3). An additional 2 acres were cleared by June 27, 2020 (Aerial Image 4).

Regulatory status with the North Coast Regional Water Quality Control Board (Regional Water Board):

Site Development: none

Applicable programs:

- Regional Water Board's Clean Water Act section 401 Water Quality Certification permit for dredge/fill activities in a surface water
- State Water Board's Construction General Stormwater permit for projects involving the disturbance of an acre or more of land
- Regional Water Board's waste discharge regulatory program for timber harvesting on private forest land

Onsite activities/operations: Discharger James Vattuone enrolled the property for coverage under Regional Water Board Order No. R1-2015-0023, (Regional Cannabis Order), effective August 31, 2017 to June 30, 2019. There is no record of transition to the State Water Board Order WQ 2019-0001-DWQ (Statewide General Order).

Applicable programs: Statewide General Order.

Inspection information:

Date: November 4, 2020

Type: consent.

Attendance:

James Vattuone, Discharger and property owner representative
Kurt Kelder, P.E., Principal Civil Engineer, Kelder Engineering
Michael Carey, Senior Code Enforcement Inspector, County of Sonoma
Matthew Jones, Attorney III, California Department of Fish and Wildlife (CDFW)
Timothy S. Dodson, Senior Environmental Scientist Specialist, CDFW
Brian Fuller, Engineering Geologist (EG), Regional Water Board

Background/Objective:

Objectives for Regional Water Board staff included observing site development and activities and identifying and assessing onsite features or conditions that are causing or may cause adverse impacts to the quality and beneficial uses of receiving waters, including surface and ground water.

Inspection Map

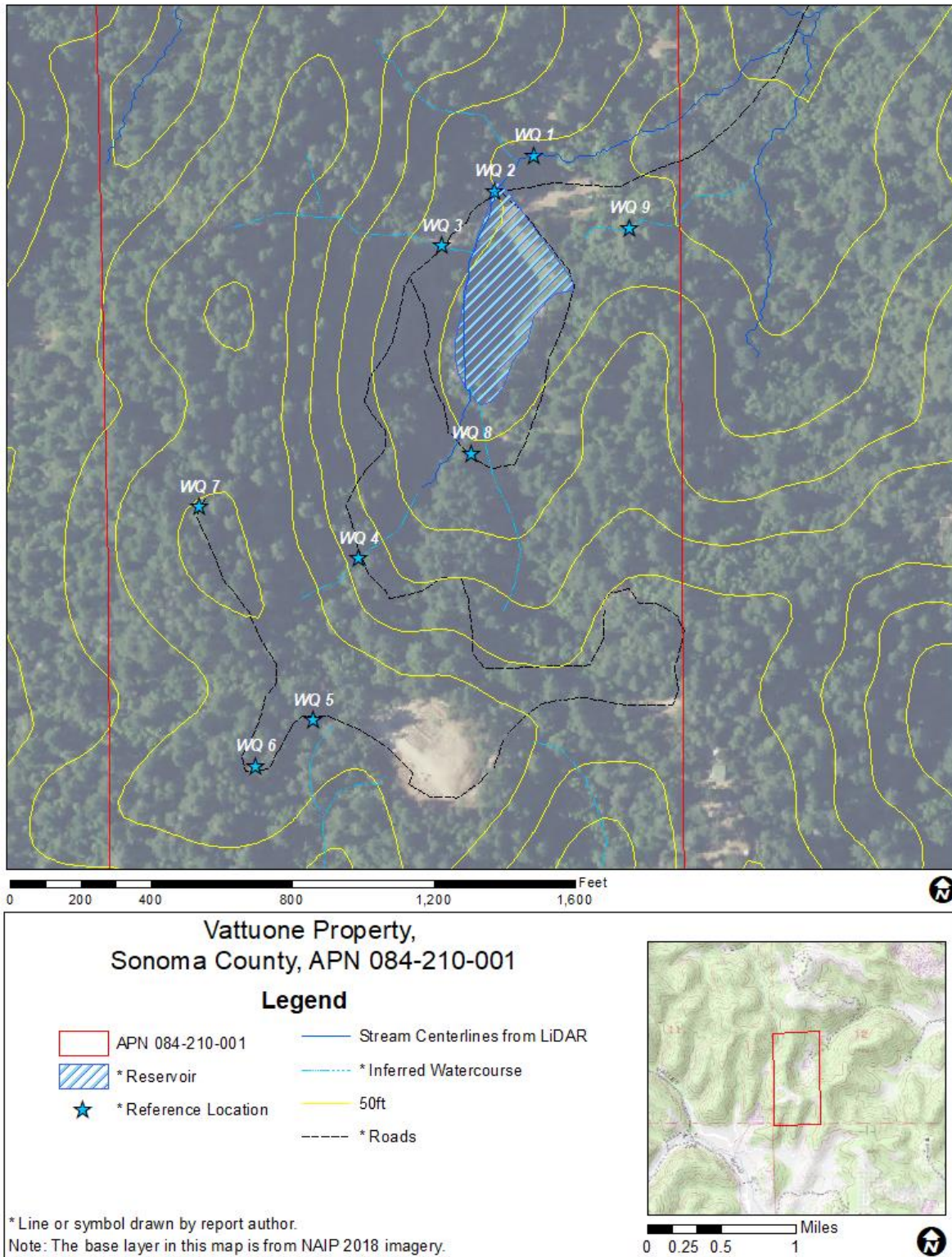


Figure 1: Map of Property, including inspection points of interest.

Inspection Observations:

Figure 1, above, shows inspection points identified and discussed in this report. I accessed the property along a dirt road from the northeast and parked near a trailer south of WQ 1. Sonoma County and CDFW personnel in addition to Mr. Vattuone had arrived at the property and we walked to a proposed work site at WQ 1. I asked Mr. Vattuone if I had his permission to take photographs and he nodded in what I interpreted as consent. I observed that the watercourse was confined between a steep hillslope to the north and a road to the south (Photo 1). We discussed plans, prepared by Jacobszoon and Associates on the Discharger's behalf, to decommission a 75-foot length of the encroaching road and to remove deposited earthen material from the adjacent watercourse. From WQ 1, we walked southwest to a culvert that had recently been installed at WQ 2. I observed that the culvert (Photo 2) served as an outfall for the onstream reservoir, discharging directly to a watercourse, and I observed rock armoring in the watercourse (Photo 3).

I explained to Mr. Vattuone that work in watercourses required a Water Quality Certification (WQC) from the Regional Water Board. I told Mr. Vattuone that he had not transferred his enrollment in the Regional Cannabis Order to the Statewide General Order. Mr. Vattuone replied that he was no longer cultivating cannabis and all of the work at the site was strictly for bringing the property up to standard conditions. At this point, Mr. Kelder joined the meeting and we updated him about what had already been discussed. We then decided to drive to the expanded pad uphill to the northwest.

Along the road I observed two locations, WQ 4 and WQ 5, where watercourses crossed the road without a culvert or other stable conveyance feature (Photo 4 and Photo 5). At the top of the hill, I observed an approximate three-acre graded area. At the southern edge of this area, near WQ 6, I observed earthen spoils that had been pushed or placed over slash (Photo 6 and Photo 7) at a location where it could enter or be transported into a tributary to Green Valley Creek (see Figure 1). At the southwestern edge of the expanded graded area, at WQ 7, I observed a spoils pile that was about 10 feet tall, and with a circular base about 20 feet in diameter (Photo 8). On the western side of the spoils pile, I observed uncovered, uncontained potting soils (Photo 9).

I explained to Mr. Vattuone regulatory requirements for site development, and asked him what he intended do with the newly constructed pad. Mr. Vattuone told me that he was developing the pad for cannabis cultivation. We then walked north to WQ 7, where I observed a work area for constructing a groundwater well (Photo 10 thru Photo 13). I observed chemicals and other materials on the ground, without containment. Mr. Vattuone told me that the tractor used to operate the drill had been taken away and that the well was not completed.

We then returned to our vehicles, Sonoma County staff left, and CDFW personnel and I parked near WQ 1 and walked to a watercourse interrupted from entering the reservoir by a road at WQ 8 (Photo 14 and Photo 15). Here we discussed Mr. Vattuone's proposal to install a culvert at this location with a separate, low-flow line that would

bypass the reservoir and discharge to the receiving water downstream. We walked back to the reservoir impounding dam (Photo 16 and Photo 17), and then to a cistern in the watercourse downstream at WQ 9 (Photo 18). From this location we returned to the vehicles and ended the inspection.

<i>Map point</i>	<i>Feature</i>	<i>Brief Description</i>	<i>Water Quality Concern</i>	<i>Associated Photo(s)</i>
WQ 2	Recently installed culvert	Unauthorized watercourse crossing	Fill placed in surface water. Discharged and threatened discharge of waste to receiving waters	Photo 2 and Photo 3
WQ 3 and WQ 4	Road interrupting watercourse	Road interrupts watercourse without a culvert or other drainage feature	Fill placed in surface water. Discharged and threatened discharge of waste to receiving waters	Photo 4 and Photo 5
WQ 5	Recently graded area	Large graded area lacking erosion control measures	Tree removal/land conversion, disturbance of an acre or more of land, site development for cannabis cultivation/discharge of waste without a report of waste discharge and/or coverage under applicable Water Board permit(s)	Photo 6 and Photo 7
WQ 6	Spoils pile	Large pile of spoils, including potting soils, that is uncovered and vulnerable to erosion by stormwater	Threatened discharge of waste to receiving waters	Photo 8 and Photo 9

<i>Map point</i>	<i>Feature</i>	<i>Brief Description</i>	<i>Water Quality Concern</i>	<i>Associated Photo(s)</i>
WQ 7	Ground water well drill site	Uncontained waste surrounding drill site threatens to contaminate uncompleted wellhead	Threatened discharge of waste to groundwater	Photo 10 thru Photo 13
WQ 8	Road interrupting watercourse	Road interrupts watercourse without a culvert or other drainage feature	Fill placed in a surface water. Discharged and threatened discharge of waste to receiving waters	Photo 14 and Photo 15

A comparison of conditions observed on the site with categories of activities typically associated with water quality concerns at cannabis cultivation sites:

1. Site maintenance, erosion control and drainage features:

The recently graded pad at WQ 5 lacks any erosion control measures and earthen material at the edges of the graded pad are burying slash. I did not observe any erosion control supplies, such as wattles or silt fencing, onsite, though the wet-weather season had commenced.

2. Stream crossing maintenance and improvement:

Stream crossings at WQ 3, WQ 4 and WQ 8 lack culverts or other drainage features requiring water to flow over an unarmored road surface.

3. Riparian and wetland protection and management:

We did not observe any active cannabis cultivation areas during the inspection. The road at WQ 1 encroaches on a watercourse.

4. Spoils management:

Earthen spoils were uncontained and without cover at WQ 6.

5. Water storage and use:

It is not clear where water for cultivating cannabis will be stored and sourced from. Mr. Vattuone reported that he did not intend to use water from the reservoir or onstream cistern at WQ 9, for cultivating cannabis and he does not yet have a well with proven output. The reservoir on the property is several decades old and onstream. I did not observe any cracks, sloughing or evidence of seepage within the reservoir's impounding

buttness. Other than the reservoir and onstream cistern, I did not observe water storage infrastructure on the property.

6. Irrigation runoff:

I did not observe significant threats to water quality associated with irrigation runoff.

7. Fertilizers and soil amendments:

I observed potting soils among inadequately contained spoils at WQ 6.

8. Pesticides:

I did not observe anything that I identified as pesticides on the property.

9. Petroleum products and other chemicals:

I observed hydraulic fluid, open and uncovered among other chemicals at the groundwater drill site located at WQ 7.

10. Cultivation-related wastes:

Other than the potting soils at WQ 6, I did not observe cultivation related waste.

11. Refuse and human waste:

I did not observe the method(s) used for disposing of refuse and human waste on the property.

Recommendations

1. Retain a licensed professional to inventory, assess, and develop a workplan and schedule to implement measures to ensure that all developed features, roads, watercourse crossings, and cultivation areas throughout the Property are corrected, restored, and/or maintained in conditions that prevent or minimize erosion, sediment transport/delivery, and adverse impacts to water quality and beneficial uses. Include measures to ensure that unstable features caused or affected by onsite development and operations are removed or otherwise protected so as to minimize the potential for these features to cause adverse impacts to water quality and beneficial uses. Dispose of all development and restoration-related earthen spoils in a manner to prevent/minimize transport and delivery to receiving waters.
2. If the property owner and/or tenant(s) choose to cultivate cannabis, enroll for coverage under and take steps to comply with the requirements of the Statewide General Order (Order WQ 2019-0001-DWQ, General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities). More information about the

Statewide General Order can be found at this hyperlink:

https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2019/wqo2019_0001_dwq.pdf

3. In the event that the property owner and/or tenant(s) propose in the future to develop or use the Property in a manner or method that will or may result in a discharge of waste to waters of the state in the future, staff recommend that the owner(s)/tenant(s) be aware of and comply with relevant regulatory requirements for water quality protection. For example, Water Code section 13260 requires that a person discharging waste, or proposing to discharge waste, within any region that could affect the quality of the waters of the state, other than into a community sewer system shall file with the appropriate regional board a report of the discharge. Further, Water Code section 13264 states, in part: "No person shall initiate any new discharge of waste or make any material changes in any discharge...prior to the filing of the report required by Section 13260." In addition, projects involving the disturbance of an acre or more of land are subject to regulation under the State Water Board's Construction General Stormwater permit, and projects involving dredge or fill in waters of the United States are subject to regulation under Clean Water Act section 401.

You may find further information about Water Board permits that may apply to proposed site development or land use activities at this hyperlink:

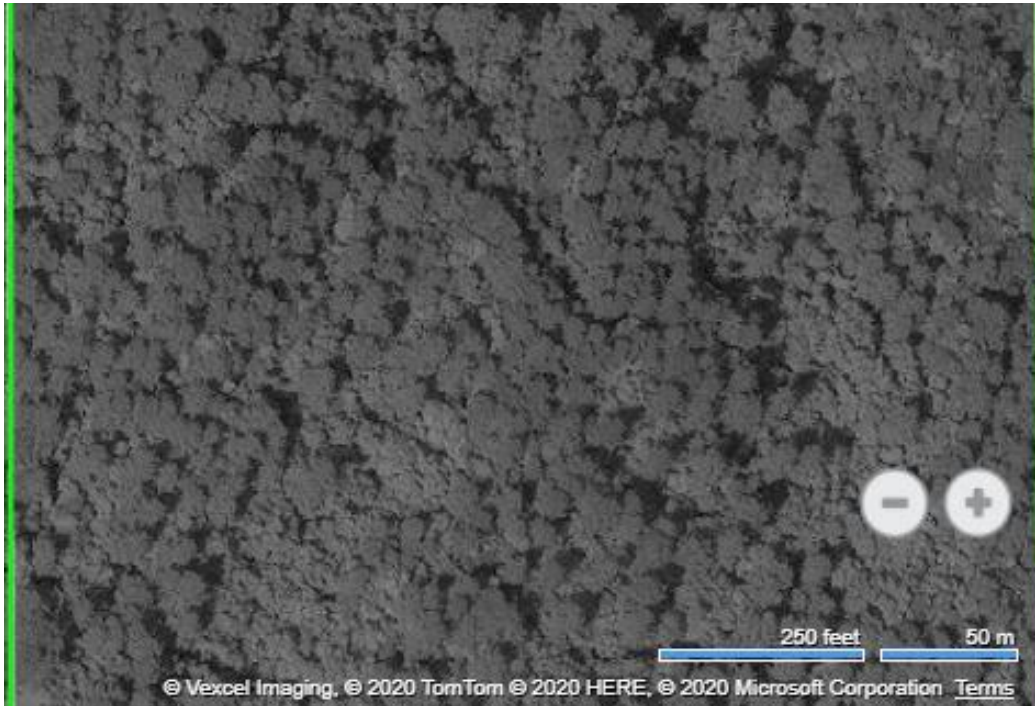
https://www.waterboards.ca.gov/northcoast/water_issues/programs/permit/

4. Complete all groundwater wells at WQ 7 in accordance with Sonoma County requirements.
5. Store and contain all chemicals, including petroleum, fertilizer and/or pesticides properly to prevent spillage and discharge to receiving waters. Provide secondary containment for all petroleum products.
6. Comply with requirements/directives from CDFW and the Division of Water Rights with respect to appropriate permitting/licensing for water source(s), diversion(s), storage, and use, and ensure that water storage features are modified/maintained so as to minimize the potential for adverse impacts to water quality and beneficial uses

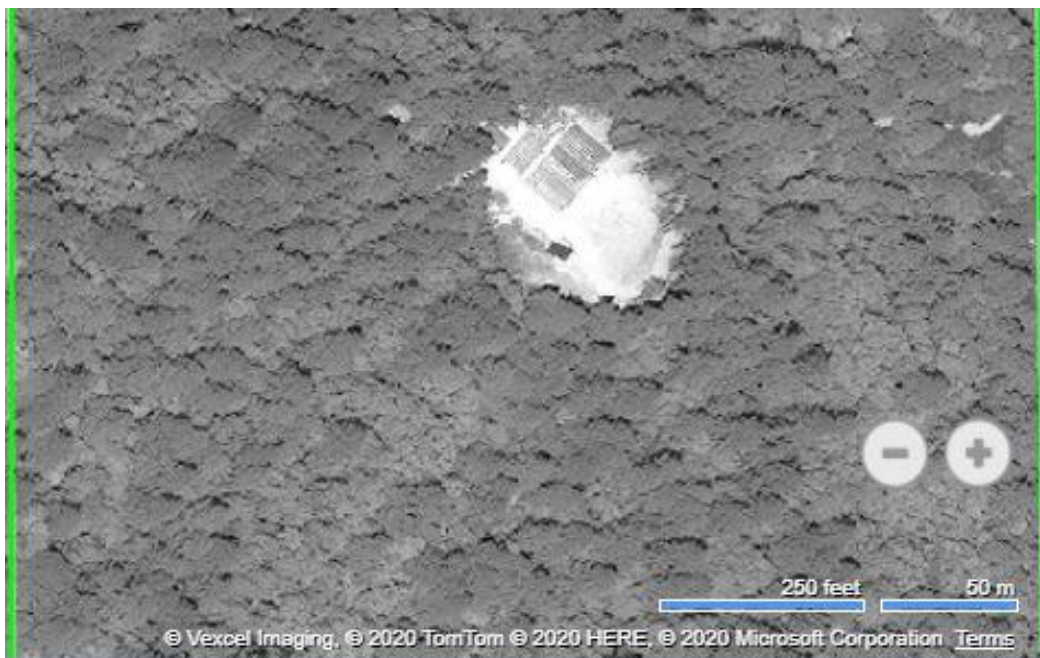
Enforcement Discretion:

The observations in this report will be assessed for violations of the California Water Code. The Regional Water Board and the State Water Board reserve the rights to take any enforcement action authorized by law.

Aerial Images:



Aerial Image 1—August 23, 2016 aerial image showing the southern part of the property, accessed with Digital Map Products' Land Vision service.



Aerial Image 2—July 13, 2017 aerial image showing the southern part of the property, accessed with Digital Map Products' Land Vision service.



Aerial Image 3—August 6, 2019 aerial image showing the southern part of the property, accessed with Digital Map Products' Land Vision service.



Aerial Image 4—June 27, 2020 aerial image showing the southern part of the property, accessed with Digital Map Products' Land Vision service.

Photo Appendix:



Photo 1—Historical road encroaching on a watercourse at WQ 1.



Photo 2—Inlet to reservoir outfall at WQ 2.



Photo 3—Outlet to reservoir outfall located at WQ 2.



Photo 4—Looking upstream at watercourse from road at WQ 4.



Photo 5—Looking downstream at watercourse from road at WQ 4.



Photo 6— Looking east in the vicinity of WQ 5.



Photo 7—Looking west in the vicinity of WQ 5. Spoils pile at WQ 6 is visible in the back right of the image.



Photo 8—Looking west at uncovered spoils pile located at WQ 6.



Photo 9—Potting soil spoils and other wastes on the western side of the spoils pile located at WQ 6.



Photo 10—Showing work area for uncompleted groundwater well at WQ 7.



Photo 11—Drill rig and open bucket with black substance at WQ 7.



Photo 12— Closer view of bucket with black substance at WQ 7 that is pictured in previous image.



Photo 13—Uncapped gallon jug of hydraulic fluid, among other equipment and materials at WQ 7.



Photo 14—In the vicinity of WQ 8, a watercourse, visible in the top left of the image, crosses the road in the middle of the image and continues downstream to the location pictured in the following image.



Photo 15—Watercourse filled with slash in the vicinity of WQ 8.



Photo 16—Looking towards WQ 9 from dam embankment.



Photo 17—Looking towards dam embankment where previous photo was taken from. Cistern at WQ 9 is to the back of the photographer.



Photo 18—Instream cistern located at WQ 9.