

REPORTING FORM

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision. The information contained in this document and all attachments is, to the best of my knowledge and belief, true, accurate, and complete.

Print name: _____

Signature: _____ Date: _____

Preparer: Complete if MRP was prepared by someone other than the discharger, including an approved third-party

Organization Name (if applicable):

P a c i f i c W a t e r s h e d A s s o c i a t e s

Prepared by:

First Name, Middle Initial

| | | | | | | | | | | | | | | | | |

Last Name

| | | | | | | | | | | | | | | | | |

Preparer Address:

Street

P . O . B o x 4 4 3 3 | | | | | | | | | | | | | | | | | |

City

A r c a t a | | | | | | | | | | | | | | | | | |

State

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ZIP

9 5 5 1 8

Phone Number:

7 0 7 8 3 9 5 1 3 0

Email:

@ p a c i f i c w a t e r s h e d . c o m | | | | | | | | | | | | | | | | | |

Surface Water Diversion Log Sheet		WD ID:		PWA ID:		Watershed:						
		1B16626 CHUM		180101050703-52370		Upper Van Duzer						
Location: Hwy 36 homestead, LLC 2016		Sheet ___ of ___		Year: 2016								
Source Name (circle gallons or acre feet)	Amount diverted per month (gallons or acre feet)											
	January	February	March	April	May	June	July	August	September	October	November	December
Stream diversion 1 (gallons/acre feet)												
Stream diversion 2 (gallons/acre feet)												
Stream diversion 3 (gallons/acre feet)												
Spring 1 ^{ONLY THIS SOURCE} (gallons/acre feet)	4275	4130	44150	8600	11520	27250	28450	29425	28750	14950	4560	4325
Spring 2 (gallons/acre feet)												
Spring 3 (gallons/acre feet)												
Rainwater catchment (gallons/acre feet)												
Monthly Totals	4275	4130	44150	8600	11520	27250	28450	29425	28750	14950	4560	4325
Comments: AVERAGE HOUSEHOLD USAGE 4200 gal monthly												

Water Input to Storage Log Sheet		WD ID:		PWA ID:		Watershed:						
		1B16626CHUM		180101050703-52370		Upper Van Duzen						
Location:		Hwy 30 Homestead LLC		2016		Sheet ___ of ___		Year: 2016				
Water Source (circle gallons or acre feet)	Amount input to storage per month (gallons or acre feet), by source											
	January	February	March	April	May	June	July	August	September	October	November	December
Stream diversion 1 (gallons/acre feet)												
Stream diversion 2 (gallons/acre feet)												
Stream diversion 3 (gallons/acre feet)												
Spring 1 ONLY THIS SOURCE USED (gallons/acre feet)	4275	4130	FILL BLADDER 8000 25,000		11520	27250	28450	29425	28750	14950	45600	4325
Spring 2 (gallons/acre feet)			3000 HOLDING TANK									
Spring 3 (gallons/acre feet)			5000 HOLDING TANK									
Well (gallons/acre feet)			ALL TANKS									
Rainwater catchment (gallons/acre feet)			40,000 gal storage fill up									
Water truck hauling (gallons/acre feet)			4150 Household usage									
Monthly Totals	4275	4130	44150	8000	11520	27250	28450	29425	28750	14950	45600	4325
Comments: AVERAGE HOUSEHOLD USAGE 4200 gal monthly												

Water Use by Source - Log Sheet -		WD ID: 1B16626 CHUM		PWA ID: 180101050703-52370		Watershed: Upper Van Duzen							
		Location: Amy Rohmstead LLC 2016				Sheet ___ of ___							
						Year: 2016							
Water Source (tank, bladder, pond, well, delivered, other)	Water unit (gallons or acre feet)	Amount utilized from storage per month (gallons or acre feet), by type											
		January	February	March	April	May	June	July	August	Sept	October	November	December
SPRING BOX ONLY SOURCE USED	GALLONS	4275	4130	44150	8600	11520	27250	28450	29425	28750	14950	4560	4325
										USE BLADDER SEPT ↓ 25000 gal 9-1 → 9:30			
Monthly Totals		4275	4130	44150	8600	11520	27250	28450	29425	28750	14950	4560	4325
Comments: As per NCRWQCB: "Report water volume used, listing each source separately. This may include use of stored water, immediate use of pumped groundwater, diverted surface water, or delivered water. If water is delivered, list delivery date, delivery volume, and name and address of water purveyor"													
Prepared by Pacific Watershed Associates ♦ P.O. Box 4433 ♦ Arcata, California, 95518 ♦ Ph: (707) 839-5130 ♦ Fx: (707) 839-8168 www.pacificwatershed.com													

Pesticide and Herbicide Application Log Sheet			WD ID:	PWA ID:	Watershed:				
			1B16626 CHUM	180101050703-52370	Upper Van Duzen				
Location: Hwy 36 Homestead LLC			Year: 2014		Sheet #: of				
Product name	Pesticide or Herbicide (circle one)	Product type (circle one)	Recommended application amount from product label (e.g. # of ounces per application)	Application units (grams, ounces, liters, gallons, etc.)	Recommended application schedule (daily, weekly, etc.)	Actual amount (in same units) used per application	Date applied (mo/day)	Initials	Comments
NEEM	☒ Pest./Herb.	☒ liquid/solid	FUNGICIDE 7-14 days 2-4 tablespoons per gallon	6-2 gallon applications (12 gallon total)	EVERY 7-14 days	48 tablespoons per application	5/20 5/21 8/14	AN	9.2
TRIFLTA	☒ Pest./Herb.	☒ liquid/solid	1/2 oz per gal up to 2 oz per gal (infestation)	SAME AS ABOVE	EVERY OTHER DAY 3x weekly	18 oz per application	4-25 5-25 4-27 6-18 6-2 7-25	AN	8.14 10.1 9.4 9.25
MYCROIZED SULFER	☒ Pest./Herb.	☒ liquid/solid	1-2 tablespoons per gallon	SAME AS ABOVE	Every 7-10 days	48 tablespoons per application	4-25 5-20 7-23 8-15	AN	
	☐ Pest./Herb.	☐ liquid/solid							
	☐ Pest./Herb.	☐ liquid/solid							
	☐ Pest./Herb.	☐ liquid/solid							
	☐ Pest./Herb.	☐ liquid/solid							
	☐ Pest./Herb.	☐ liquid/solid							
	☐ Pest./Herb.	☐ liquid/solid							
	☐ Pest./Herb.	☐ liquid/solid							
	☐ Pest./Herb.	☐ liquid/solid							

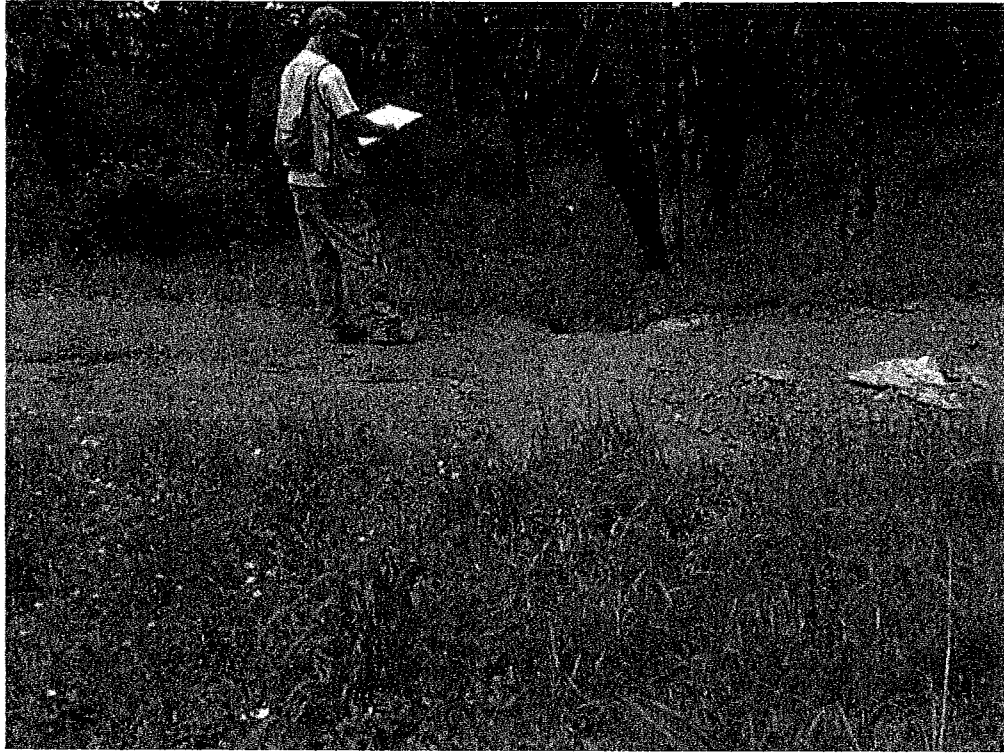
APPENDIX C: PHOTO DOCUMENTATION OF MONITORING POINTS



MP #1, Photo 1a



MP #1, Photo 1b



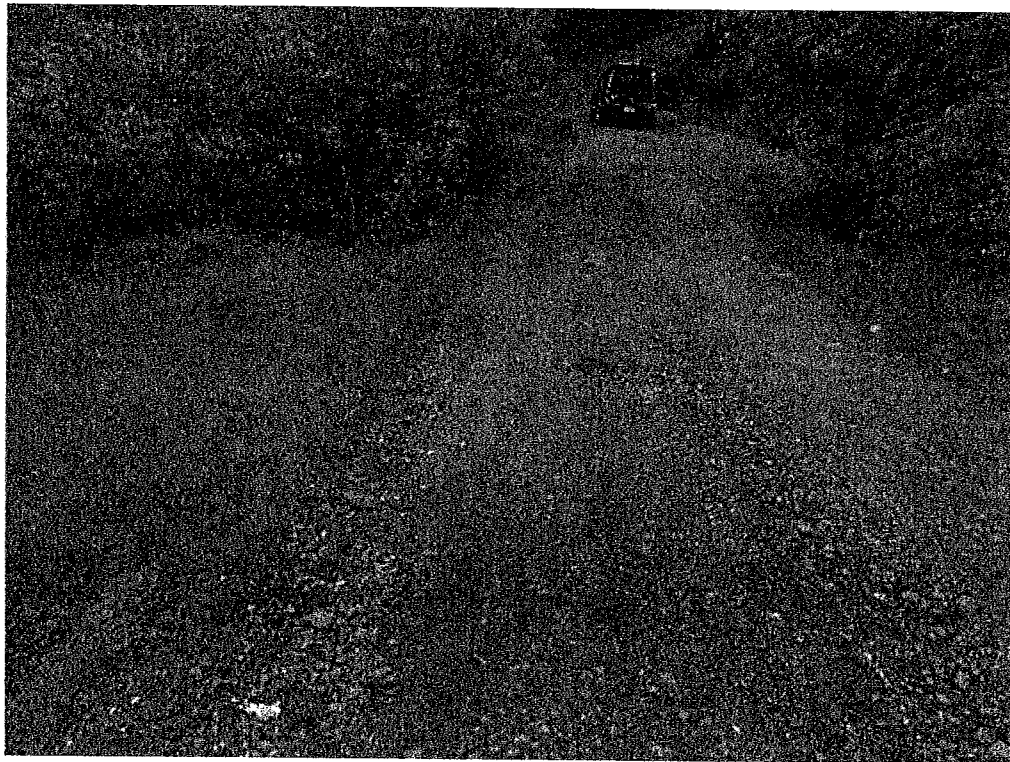
MP #1, Photo 1c



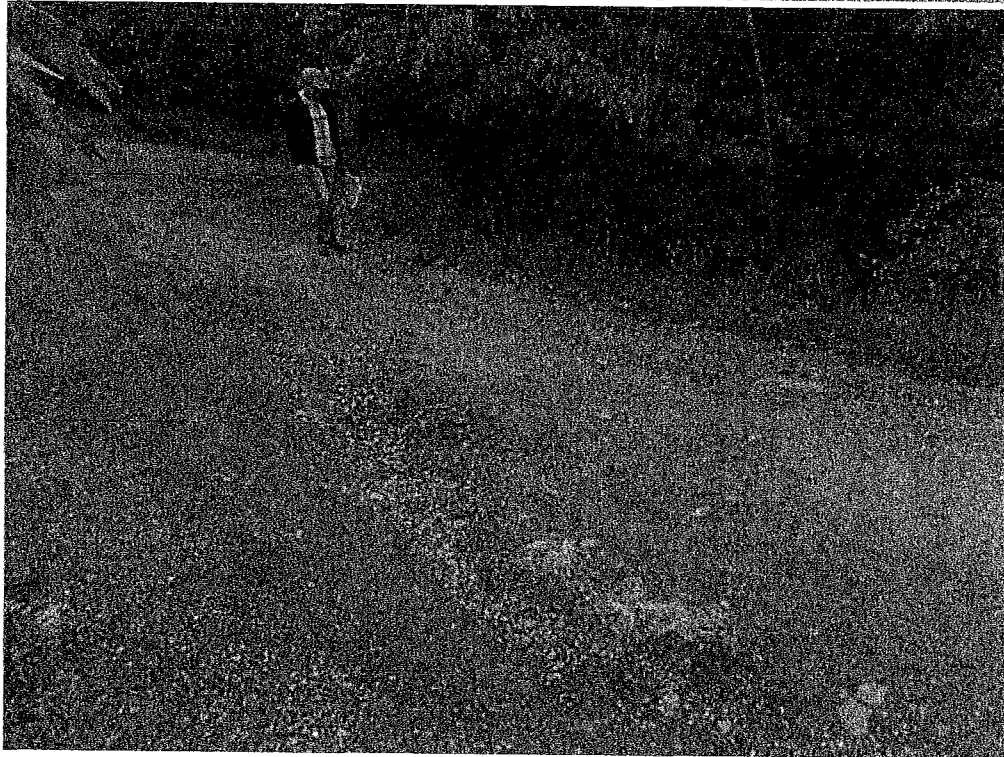
MP #1, Photo 1d



MP #2, Photo 2



MP #3, Photo 3a



MP #3, Photo 3b



MP #3, Photo 3c



MP #3, Photo 3d



MP #3, Photo 3e



MP #4, Photo 4



MP #5, Photo 5



MP #6, Photo 6a



MP #6, Photo 6b



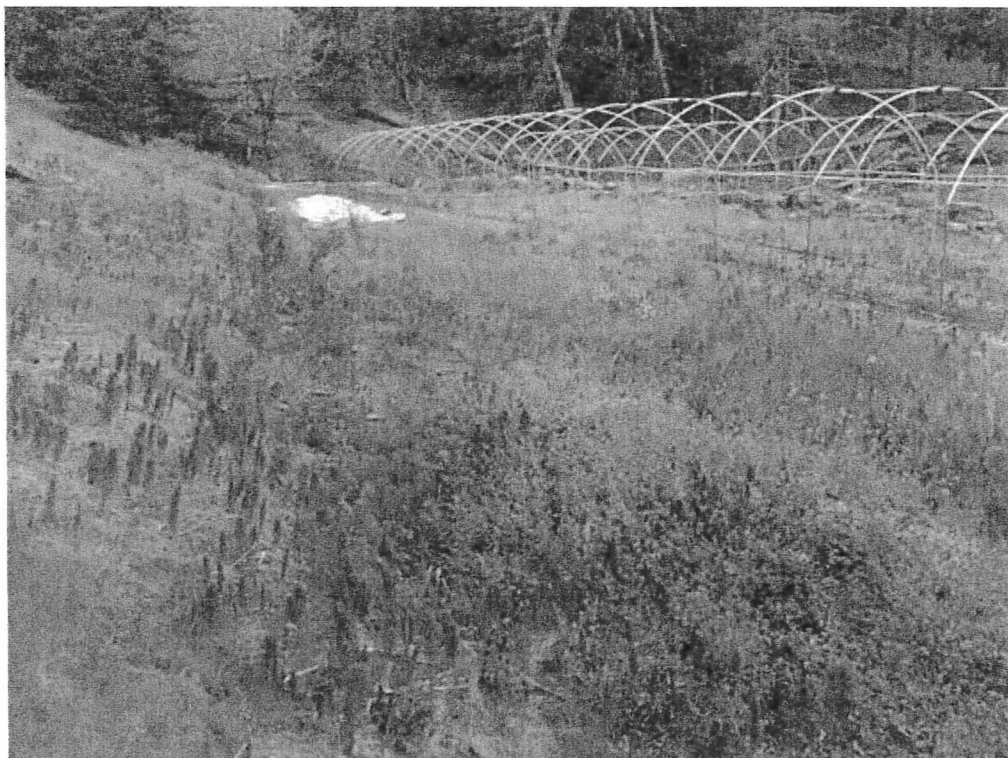
MP #7, Photo 7a



MP #7, Photo 7b



MP #8, Photo 8



MP #9, Photo 9a



MP #9, Photo 9b



MP #10, Photo 10a



MP #12, Photo 12



MP #13, Photo 13



MP #14, Photo 14

**MONITORING AND REPORTING PROGRAM
FOR
WAIVER OF WASTE DISCHARGE REQUIREMENTS
ORDER NUMBER R1-2015-0023**



The Monitoring and Reporting Program has two components (Monitoring and Reporting), reflected in the two sections below. The information collected through site monitoring and inspections, per Section I and reporting forms completed per Section II must be retained on site and made available upon request by Regional Water Board staff. As part of the initial enrollment, a filled copy of the Annual Reporting form in Section II must be submitted, in addition to the Notice of Intent and filing fee. Following enrollment, the Annual Reporting form shall be submitted annually by March 31.

Monitoring, including periodic site inspections and reviews of operational practices, helps to ensure that standard conditions are being met, that management measures and controls are effectively protecting water resources, and that any newly developing problems representing a water quality concern are identified and corrected quickly. Whether submitted directly to the Regional Water Board or through an approved third party program, the required reporting elements allow the Regional Water Board to assess general program implementation and compliance by tier category and by subwatershed. For example, reporting form information can allow staff to determine how many Tier 2 Dischargers are in the process of developing water resource protection plans, how many have developed and are implementing plans, how many are in compliance with standard conditions, how effectively BMPs are performing, and what changes or improvements are needed to improve program effectiveness or compliance rate.

On a sub-watershed-wide scale, this information enables the Regional Water Board staff to comprehensively track activity from Tier 3 cleanup and restoration sites and individual instream work proposed under Tier 2 water resource protection plans to help correlate cleanups and activities or restoration or remediation work in streams or wetlands that are proposed and underway in individual watersheds and subwatersheds. It may be necessary to limit the number of individual potential construction-related impacts occurring at any given time in any given subwatershed.

I. Monitoring

This information below is applicable to all sites and may also be part of or incorporated into the water resource protection plan for Tier 2 sites.

A. Site Map:

Please create a legible map identifying the features listed below where applicable. You may need to use a full-page satellite map (e.g. Bing, Google, or similar) and one or more additional maps at appropriate scales. The map(s) may be preliminary upon enrollment and refined upon completion of a thorough site inventory:

1. Property topography
2. Perimeter of land owned or leased
3. Watercourses and stream crossings
4. Roads, clearings, and developed areas
5. Perimeters of cultivation areas
6. Water source types and locations (surface water diversion, well, rainwater catchment) and water storage types and locations (storage tanks, ponds, bladders)¹
7. Nutrient and chemical storage locations (i.e. fertilizers, pesticides, petroleum)
8. Buildings
9. Garbage/refuse storage facilities/locations
10. Human waste facilities (e.g. septic tanks and leach fields, privy, composting toilet)
11. Unstable earthen features
12. Soil or spoils storage/stockpile/disposal areas
13. Controllable sediment discharge sources identified for upgrade, cleanup, remediation, or restoration (as part of Tier 2 Water Resource Protection Plan or Tier 3 Cleanup and Restoration Plan)
14. Mark or highlight those locations where wastes or pollutants, whether spilled, placed, or stored could be transported into surface water or leached into groundwater
15. Management measures to control wastes and other water quality factors
16. Map legend

¹ A basis of water right and relevant documentation shall be kept on site with the site map and monitoring records. Relevant documentation may include:

- A letter, or email from the State Water Board acknowledging that a statement has been filed with the State Water Board in support of a pre-1914 or riparian water right claim.
- A copy of an appropriative water permit, license, registration, or filed statement.
- A true and correct copy of an application, or other documentation verifying that an application has been submitted to the State Water Board to obtain such a right, permit, registration, or license.
- Explanation of why such documentation cannot be provided.

Note: Copies of documents may be downloaded from the State Water Board's Electronic Water Rights Information Management System (eWRIMS).

B. Monitoring Inspections:

Sites shall be inspected periodically to ensure conformance with standard conditions. Site inspections should include visual inspection of the site, including any management measures, to ensure they are being implemented and are functioning as expected. Inspections include photographic documentation of any controllable sediment discharge sites, as identified on the site map, and a visual inspection of those locations on the site where pollutants or wastes, if uncontained, could be transported into receiving waters, and those locations where runoff from roads or developed areas drains into or towards surface water. At a minimum, sites shall be inspected at the following times to ensure timely identification of changed site conditions and to determine whether implementation of additional management measures is necessary to prevent or minimize discharges of waste to surface water:

1. Before and after any significant alteration or upgrade to a given stream crossing, road segment, or other controllable sediment discharge site. Inspection should include photographic documentation, with photo records to be kept on site.
2. Prior to October 15 to evaluate site preparedness for storm events and stormwater runoff.
3. By December 15.
4. Following any rainfall event with an intensity of 3 inches precipitation in 24 hours
Precipitation data can be obtained from the National Weather Service by entering the site zip code at <http://www.srh.noaa.gov/forecast>.

Note that Tier 2 Dischargers must include a monitoring element in their water resource protection plan that at a minimum provides for periodic inspection of the site, checklist to confirm placement and efficacy of management measures, and document progress on any plan elements subject to a time schedule. Tier 3 Dischargers must incorporate monitoring and reporting elements into their cleanup and restoration plans for approval by the Executive Officer.

II. Annual Reporting

The information in the following form must be submitted upon initial enrollment, and annually thereafter by March 31. The reported information shall be reflective of site conditions.

Enrollees shall submit this information either directly to the Regional Water Board or through an approved third party program.

The preferred method of submittal is electronically via e-mail to NorthCoast@waterboards.ca.gov or on disk (CD or DVD) in Portable Document Format (PDF) file in lieu of paper-sourced documents. The guidelines for electronic submittal of documents can be found on the Regional Water Board website at <http://www.waterboards.ca.gov/northcoast>.

If electronic submission is infeasible, hard copies may be submitted to: North Coast Regional Water Quality Control Board, 5550 Skylane Blvd. Suite A, Santa Rosa, CA 95403.

The Regional Water Board is developing a method for submittal of reporting information directly to the CIWQS Program Web site at <http://www.waterboards.ca.gov/ciwqs/index.html>.

Information about this alternative submittal process will be made available on the North Coast Regional Water Board website at:

http://www.waterboards.ca.gov/northcoast/water_issues/programs/cannabis/. Once this method is established, direct submittal to CIWQS will be available for enrollees and approved third party programs, and will become the preferred reporting mechanism.



**REPORTING FORM BEGINS ON NEXT PAGE. PLEASE COMPLETE AND SUBMIT THE
REPORTING FORM UPON ENROLLMENT AND ANNUALLY THEREAFTER**

**Order No. R1-2015-0023
REPORTING FORM****A. Site WDID:** 1B16626CHUM**B. Subwatershed (HUC-12)²:** 180101050703**C. Enrollment date:** 4/25/2016**D. Reporting date:** 4/21/2016**E. Please check the box corresponding to the enrolled site's current tier (Tier 3 sites with cultivation must also check Tier 2).**☐ Tier 1 ☒ Tier 2 ☐ Tier 3**Has the site's tier status changed since the last reporting period?** Y ☐ / N ☒If YES, briefly explain: Initial enrollment**F. Check all fields that apply to the enrolled site:****i. Tier 1 sites:**

(see Order at page 6 for details on Tier 1 characteristics)

- ☐ Average slope of each individual cultivation area is no more than 35% slope.
- ☐ Total cultivation area is no more than 5,000 square feet.
- ☐ No cultivation areas or associated facilities are located within 200 feet of a surface water. (Surface waters include wetlands and Class I, II, and III watercourses.)
- ☐ No surface water diversion from May 15 through October 31.
- ☐ The site is in compliance with all Standard Conditions under Order R1-2015-0023, section I.A.

ii. Tier 2 sites:**a. A Water Resource Protection Plan has been developed and is being implemented?**Y ☐ / N ☒

If NO, expected date when plan will be ready and implementation will begin:

WRPP in development - due 10/22/2016If YES, have there been changes to the implementation schedule since the prior year of reporting? Y ☐ / N ☐

² 12-digit HUC-12 subwatershed codes are available online at
http://iaspub.epa.gov/apex/grts/f?p=110:95::NO::APP_SHOW_HIDE:

REPORTING FORM

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ii. Tier 2 sites continued:

- b.** Check below as to whether or not the site meets Standard Conditions under Order R1-2015-0023, section I.A. If a standard condition is not yet met, please indicate the expected date of compliance as identified in the Water Resource Protection Plan. Upon initial enrollment, provide an estimated expected date of compliance.

<u>Standard Condition Met</u>	<u>If NO, expected date of compliance</u>
1. Site maintenance, erosion control, and drainage features Y ☐ / N ☒	10/31/2020
2. Stream crossing maintenance Y ☐ / N ☒	10/31/2020
3. Riparian and wetland protection and management Y ☐ / N ☒	10/31/2017
4. Spoils management Y ☒ / N ☐	
5. Water storage and use Y ☐ / N ☒	6/30/2017
6. Irrigation runoff Y ☒ / N ☐	
7. Fertilizers and soil amendments Y ☐ / N ☒	10/31/2017
8. Pesticides and herbicides Y ☒ / N ☐	
9. Petroleum products and other chemicals Y ☒ / N ☐	
10. Cultivation-related wastes Y ☐ / N ☒	10/31/2017
11. Refuse and human waste Y ☒ / N ☐	

- c.** All management measures are being implemented as part of the Water Resource Protection Plan? Y ☐ / N ☒

If YES, do management measures appear to be effective in preventing and minimizing discharges of waste to surface water? Y ☐ / N ☐

If management measures do not appear to be effective, are additional measures being implemented iteratively to prevent and minimize discharges of waste to surface water? Y ☐ / N ☐

If NO, describe management measures or practices that have not been effective in preventing and minimizing discharges of waste to surface water, if applicable. Describe plans for new or additional management measures to prevent and minimize discharges of waste, if applicable. Attach additional sheets as necessary.

The Water Resource Protection Plan is currently being developed. Monitoring will be conducted and reported in the annual MRP.

REPORTING FORM

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- d. Will work to bring site into compliance with Standard Conditions require disturbance to a stream or wetland over the coming year? Y ☐ / N ☒

If YES, indicate status of work authorization by Regional Water Board. Specifically, check one or more of the following and provide the date if/as applicable.

- ☐ I plan to submit my project plans to the Regional Water Board by the following date: _____
- ☐ I submitted my project plans to the Regional Water Board on the following date: _____
- ☐ The Regional Water Board Executive Officer authorized my project plans on the following date: _____
- ☐ I have elected to receive authorization for instream work under a different Regional Water Board permitting mechanism as follows:

- ☐ Instream work anticipated to occur between the following dates: _____

iii. Tier 2* sites:

Total cultivation area is less than 10,000 square feet? Y ☐ / N ☐

Water resource protection plan developed and fully implemented? Y ☐ / N ☐

All Standard Conditions met? Y ☐ / N ☐

Site was inspected and verified as Tier 2* by Regional Water Board staff

(NAME) _____ or approved third party program (NAME):
_____ on (DATE) _____.

iv. Tier 3 Sites:

- ☐ A Cleanup and Restoration Plan has been submitted to the Regional Water Board for approval.
- ☐ The Cleanup and Restoration Plan has been approved by the Regional Water Board.
- ☐ The timeline for the approved Cleanup and Restoration plan is being followed.
- Will restoration work require disturbance to a stream or wetland in the coming year?
Y ☐ / N ☐
- Instream work anticipated to occur between the following dates: _____
- ☐ Cannabis cultivation is occurring or will occur on the site over the coming year. (If this box is checked, ensure that Tier 2 portions of the reporting form are completed as well).

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v. For All Sites:

Annual Reporting Period (Calendar Year), or CHECK HERE ☒ if this is the report accompanying initial enrollment.

0	1	0	1	1	5	TO	1	2	3	1	1	5
Month/Day/Year							Month/Day/Year					

(See Order at page 6 for details regarding cultivation area and slope measurements, and watercourse definitions).

Total cultivation area (square feet)	9513																										
Distance to surface waters (feet) from nearest edge of each cultivation area or associated facility. Provide distance measurement for each cultivated area separately, as appropriate.	CA1- 25 ft CA2- 85 ft CA3- 5 ft																										
Average slope (percent slope) of each cultivated area List each cultivated area separately, as appropriate.	CA1- 28%; CA2- 24%; CA3- 27%																										
Total number of road crossings of surface waters Surface waters include wetlands and Class I, II, or III watercourses.	5																										
Annual soil amendment and chemical use (pounds or gallons). Total mass and/or volume of soil amendment and/or chemical usage by type, product name, and nutrient content such as N-P-K ratio, if applicable.*	See Attached																										
Total water storage capacity (gallons or acre feet)	46,325																										
Total surface water diversion by month (gallons or acre feet)*																											
<table border="1"> <tr> <th>Jan</th><th>Feb</th><th>Mar</th><th>April</th><th>May</th><th>June</th><th>July</th><th>Aug</th><th>Sept</th><th>Oct</th><th>Nov</th><th>Dec</th> </tr> <tr> <td>See</td><td>Attached</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	See	Attached													
Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec																
See	Attached																										
Water input to storage by source and month (gallons or acre-feet) Report water volume input to storage, listing each source separately. This may include inputs from rainfall catchment, surface water diversions, groundwater pumping, or water delivery. If water is delivered, list delivery date, delivery volume, and name and address of water purveyor.*																											
<table border="1"> <tr> <th>Source</th><th>Jan</th><th>Feb</th><th>Mar</th><th>April</th><th>May</th><th>June</th><th>July</th><th>Aug</th><th>Sept</th><th>Oct</th><th>Nov</th><th>Dec</th> </tr> <tr> <td>See</td><td>Attached</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	Source	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	See	Attached												
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See	Attached																										
Water use by source and month (gallons or acre feet) Report water volume used, listing each source separately. This may include use of stored water, immediate use of pumped groundwater, diverted surface water, or delivered water. If water is delivered, list delivery date, delivery volume, and name and address of water purveyor.*																											
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Source	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec															
See	Attached																										
* Upon initial enrollment only, a best estimate is acceptable for reporting annual soil amendment and chemical use, monthly water stored, and monthly water use. Attach additional sheets if more space is needed for your responses.																											

Fertilizer and Amendment Application Log Sheet				WD ID: <u>Hwy 36homestead, LLC</u> <u>1B16626CHUM</u>		PWA ID: <u>180101050703-52370</u>		Watershed: <u>Upper Van Duzen</u>		Year: <u>2015</u> Sheet #: <u> </u> of <u> </u>	
Product name	Fertilizer or Amendment (circle one)	Type (circle type)	Nutrient content (N-P-K ratio)	Recommended application amount from product label (e.g. # of ounces per application)	Application units (grams, ounces, liters, gallons, etc.)	Recommended application schedule (daily, weekly, etc.)	Actual amount applied in this application (same units)	Date applied (Mo/Day)	Location (Cultivation area #, Greenhouse #, Hoophouse #, etc.)	Initials	Comments
age old grow	Fert./Amend.	liquid/solid	12.6.6	1.2 per gal	16 cups	1 tsp - 2 tsp per gal	32 cups per 500 gal				Takes 2-500 gal (1.2 oz gal) of Fertilizer to water while Farm
age old Bloom	Fert./Amend.	liquid/solid	5.10.5	1-2 oz per gal	16 cups	1/2 tbl spoon per gal	32 cups 5				every 2 wks while Farm
sea pal	Fert./Amend.	liquid/solid	2.3.3	1 gal makes 60 gal	1/2 gal	every 2 wks	1 gal				
cal mag Butenitor	Fert./Amend.	liquid/solid	2.0.0	3-5 ml per gal	3 cups	every 2 wks	6 cups				
spare time soluble scum	Fert./Amend.	liquid/solid	1.0.12	1 tsp per 5 gal	2 cups	every 2 wks	4 cups				
sea blast Bloom	Fert./Amend.	liquid/solid	3.26.22	1/8 - 1/4 TSP per gal	6 cups	every 2-4 wks	12 cups				
pure Bloom pellets	Fert./Amend.	liquid/solid	1.5.4	1/2 - 1 oz per gal soil	1 cups	soil N/A	2 cups				
chicken manure	Fert./Amend.	liquid/solid			2 cups per 150 gal	soil N/A	4 cups				
molasses Hi Brit	Fert./Amend.	liquid/solid	1.0.1.3	1-2 tbl 5 pints	3 cups per 500 gal	1 time weekly	3 cups				
	Fert./Amend.	liquid/solid									
	Fert./Amend.	liquid/solid									
	Fert./Amend.	liquid/solid									
	Fert./Amend.	liquid/solid									
	Fert./Amend.	liquid/solid									
	Fert./Amend.	liquid/solid									

Pesticide and Herbicide Application Log Sheet			WD ID: 1B16626CHUM		PWA ID: 180101050703-52370		Watershed: Upper Van Duzen		
Location: Hwy 310 Homestead, LLC			Year: 2015		Sheet #: of				
Product name	Pesticide or Herbicide (circle one)	Product type (circle one)	Recommended application amount from product label (e.g. # of ounces per application)	Application units (grams, ounces, liters, gallons, etc.)	Recommended application schedule (daily, weekly, etc.)	Actual amount (in same units) used per application	Date applied (mo/day)	Initials	Comments
NEEM	☒ Herb.	liquid/solid	FUNGICIDE 7-14 days 2-4 tablespoons per gallon	6 - 2 gallon Application (12 gallons total)	EVERY 7-14 days	48 tablespoons per application	5-25 6-29 8-16		
TRIFECTA	☒ Herb.	liquid/solid	1/2 oz per gal up to 2 oz per gallon	SAME	EVERY OTHER DAY 3x weekly	18 oz per application	4-25 5-13 9-10 7-18 10-1 5-26 8-18		
MYCOTIZED SULFER	☒ Herb.	liquid/solid	1-2 tablespoons per gallon every 7-10 days	↓	EVERY 7-10 DAYS	48 tablespoons per application	4-10 4-1 8-10 4-25 6-28 9-15 5-5 7-15 10-1		
	☐ Herb.	liquid/solid							
	☐ Herb.	liquid/solid							
	☐ Herb.	liquid/solid							
	☐ Herb.	liquid/solid							
	☐ Herb.	liquid/solid							
	☐ Herb.	liquid/solid							
	☐ Herb.	liquid/solid							

Water Input to Storage Log Sheet		WD ID: 1B16626CHUM		PWA ID: 180101050703-52370		Watershed: Upper Van Duzen							
		Location: Hwy 36 Homestead				Sheet ___ of ___		Year: 2015					
Water Source (e.g., rainwater catchment, stream diversion, spring diversion, well, water delivery, etc.)	Water unit (gallons or acre feet)	Amount input to storage per month (gallons or acre feet), by source											
		January	February	March	April	May	June	July	August	September	October	November	December
SPRING BOX	GALLONS	4750	4660	44230	9420	11250	28320	29015	28760	30320	25400	9460	4230
Monthly Totals		4750	4660	44230	9420	11250	28320	29015	28760	30320	25400	9460	4230
Comments: As per NCRWQCB: "Report water volume input to storage, listing each source separately. This may include inputs from rainfall catchment, surface water diversions													

General Information		WD ID: 1B16626CHUM		PWA ID: 180101050703-52370		Watershed: Upper Van Duzen							
Location: Hwy 36 Homestead		Sheet: ___ of ___		Year: 2015									
Water Diversion Source (e.g., stream, in-stream pond, spring, etc.)	Water unit (gallons or acre feet)	Amount diverted per month (gallons or acre feet)											
		January	February	March	April	May	June	July	August	September	October	November	December
SPRING BOX		4750	4660	44230	9620	11250	28320	29615	28760	30320	25400	9460	4230
				✓									
				FILL TANKS 40,000									
Monthly Totals		4750	4660	44230	9620	11250	28320	29615	28760	30320	25400	9460	4230
Comments:													

Water Use by Source Log Sheet	WD ID: 1B16626CHUM		PWA ID: 180101050703-52370		Watershed: Upper Van Duzen	
	Location: Hwy 36 Homestead UC 2015				Sheet ___ of ___	Year: 2015

Water Source (circle gallons or acre feet)	Amount utilized from storage per month (gallons or acre feet), by type											
	January	February	March	April	May	June	July	August	Sept	October	November	December
Stream diversion 1 (gallons/acre feet)												
Stream diversion 2 (gallons/acre feet)												
Stream diversion 3 (gallons/acre feet)												
Spring 1 - (gallons/acre feet)	4750 gal	4660 gal	4230 gal	9162 gal	11250	28320	29015	28760	30320	25400	9460	4230
Spring 2 (gallons/acre feet)			✓ fill all tanks									
Spring 3 (gallons/acre feet)			40,000 gal									
Well (gallons/acre feet)												
Rainwater catchment (gallons/acre feet)												
Water truck hauling (gallons/acre feet)			44230									
Monthly Totals	4750 gal	4660 gal	9162 gal	11250	28320	29015	28760	30320	25400	9460	4230	

Comments: AVERAGE monthly house hold usage 4500 gal

Table 1. Features Needing Improvement or Action Items (Prioritized implementation schedule for corrective actions)

Standard Condition Requiring Action		Treatment Priority	Schedule	Summary of Corrective Actions/Recommendations (see more detailed listing of corrective actions in Section 4, above)	Monitoring Point and Photo #	Estimated Cost	Date Completed
1 – Site Maintenance, Erosion Control and Drainage Features	1a, b, d, e	High	October 15, 2019	- See Figure 2 for specific road drainage feature installation locations. - Vehicle use of the lower portion of Access Road #3 should be restricted to the dry season. - Install appropriate drainage features with adequate spacing intervals at any location where concentrated road runoff and gullying is observed. - Typical drawings included in Appendix H will provide guidance for proper road drainage feature construction.	MP #1, Photo 1a, 1b, 1c MP #2, Photo 2 MP #3, Photo 3a, 3b, 3c		
	1c	High	As needed	PWA recommends that the landslide north of the cabin be monitored periodically to determine if mitigation measures are necessary to protect water quality. Follow the monitoring schedule from the NCRWQCB in Appendix B.	MP #14, Photo 14		
2 – Stream Crossing Maintenance	2a	High	October 15, 2020	- PWA recommends upgrading the three culverted stream crossings with properly sized culverts that are designed to pass the expected 100-year peak stream flow, as well as the other stream crossing construction standards required by the Order (e.g., minimized hydrologic connectivity, correct orientation, no diversion potential, etc.). - Due to the minimal amount of road fill at SC #4 other alternatives to a round culvert, such as an arched or oval culvert, may be needed to avoid importing of fill to rebuild the crossing or significantly increasing elevation of the road bed. - An appropriately sized armored fill crossing should be installed at SC #1 where a small headcut has developed in the outboard fillslope. - A large headcut has developed downstream of SC #1 and, although it is not related to a stream crossing, PWA recommends laying back the headcut and installing rock armor to prevent the headcut from migrating upstream and potentially undermining SC #1. - The fill crossing at SC #2 acts as the spillway for the instream pond. This pond is not used as a source of water and should be properly decommissioned.	MP #1, Photo 1c, 1d MP #3, Photo 3d, 3e MP #4, Photo 4a MP #5, Photo 5 MP #6, Photo 6a, 6b MP #7, Photo 7a, 7b		

Table 1. Features Needing Improvement or Action Items (Prioritized implementation schedule for corrective actions)

Standard Condition Requiring Action		Treatment Priority	Schedule	Summary of Corrective Actions/Recommendations (see more detailed listing of corrective actions in Section 4, above)	Monitoring Point and Photo #	Estimated Cost	Date Completed
	2b	High	October 15, 2020	- PWA recommends upgrading the culverted stream crossings on the Project Site with properly sized culverts that are designed to address debris associated with the expected 100-year peak stream flow. - An appropriately sized armored fill crossing should be installed at SC #1 to address debris associated with the expected 100-year peak streamflow. - Properly decommission the pond spillway crossing (SC #2). - Due to the amount of woody debris and riparian vegetation observed upslope of the culverted crossings trash racks should be installed upstream of the culvert inlets to minimize plug potential. - Typical drawings included in Appendix H will provide guidance for proper trash rack installation.	MP #1, Photo 1c, 1d MP #3, Photo 3d, 3e MP #4, Photo 4a MP #5, Photo 5 MP #6, Photo 6a, 6b MP #7, Photo 7a, 7b		
	2c	High	October 15, 2020	Upgrade the crossing at SC #3 with an appropriately sized culvert installed at the natural channel grade with the outlet at the base of the fillslope.	MP #3, Photo 3e		
	2d	High	October 15, 2020	Monitor and perform adequate maintenance on all stream crossings mentioned above before and after upgrading or decommissioning activities to prevent or minimize erosion following appropriate BMPs listed in Appendix A.	MP #1, Photo 1c, 1d MP #3, Photo 3e MP #4, Photo 4a MP #5, No photo MP #6, Photo 6b		
	2e	High	October 15, 2020	Upgrade the culverted stream crossings with appropriately sized culverts installed at the natural channel grade and horizontally aligned with the natural stream channel.	MP #3, Photo 3e MP #5, No photo MP #6, Photo 6b		
	2f	High	October 15, 2020	- Install a critical dip on the left hinge line of SC #3 to prevent diversion potential. - Due to the close proximity of a road intersection on the left side of this stream crossing, there may not be enough space for installation of a critical dip. Alternatives to a critical dip may include increasing the culvert size to handle much more than the expected 100-year peak streamflow, installing a critical pipe or dipping the crossing if possible to eliminate diversion potential. These alternatives may be limited by the amount of road fill in the stream crossing, recommended culvert size and height relative to the natural stream channel, and feasible increases in the elevation of the road bed relative to the surrounding road approaches.	MP #3, Photo 3a		

Table 1. Features Needing Improvement or Action Items (Prioritized implementation schedule for corrective actions)

Standard Condition Requiring Action		Treatment Priority	Schedule	Summary of Corrective Actions/Recommendations (see more detailed listing of corrective actions in Section 4, above)	Monitoring Point and Photo #	Estimated Cost	Date Completed
	2	High	Prior to any stream crossing work	Obtain all necessary agreements and permits prior to commencing work in any watercourse or at any stream crossing. These may include, but not be limited to: California Department of Fish and Wildlife (CDFW) Lake and Streambed Alteration Agreement (LSAA) 1602 and Army Corps of Engineers (ACOE) 404 Permit.	--		
3 – Riparian and Wetland Protection and Management	3a, b, c, d	High	October 15, 2017	- Either (1) procure a variance from the NCRWQCB to allow for the portions of CA #1 to be within the 50-foot setback requirement. It is PWAs opinion, based on the landscape management, watering techniques, small scale, and adequate vegetative buffer that this cultivation area does not currently threaten water quality, or (2) relocate the areas within CA #1 that are within the 50-foot riparian buffer zone. - Due to the majority of the cultivation area at CA #3 being within the 50-foot riparian buffer zone, PWA recommends relocating the entire cultivation area to a more suitable location where the threat to the riparian buffer zone does not exist. A small portion of this cultivation area is located outside of the 50-foot riparian buffer zone and could be left in place if necessary. - Relocate the two 1,000 gallon water tanks downslope of the POD to stable locations outside of the 50-foot riparian buffer zone. - Implement appropriate BMPs to the areas at CA #1, CA #3, and the two 1,000 gallon water tanks to minimize surface erosion and sediment transport, to revegetate and restore the disturbed riparian areas, and to mitigate any potential impacts to the riparian area. - At the locations mentioned above where relocation has been recommended, all cultivation structures (hoop houses, raised beds, water tanks, etc.), spent potting soils, and soil amendments shall be removed to outside the 50-foot riparian buffer. - The disturbed areas shall then be seeded with grass, mulched with straw and planted with native riparian species (e.g., willow, cottonwood, etc.).	MP #8, Photo 8 MP #9, Photo 9a, 9b MP #10, Photo 10a, 10b		

Table 1. Features Needing Improvement or Action Items (Prioritized implementation schedule for corrective actions)

Standard Condition Requiring Action		Treatment Priority	Schedule	Summary of Corrective Actions/Recommendations (see more detailed listing of corrective actions in Section 4, above)	Monitoring Point and Photo #	Estimated Cost	Date Completed
	3b	High	October 15, 2017	After relocation of the cultivation areas and associated infrastructure mentioned in 4.3a, above, PWA recommends revegetating any disturbed areas with native plants. Also see Standard Condition 4.3a corrective actions, above.	MP #8, Photo 8 MP #9, Photo 9a, 9b MP #10, Photo 10a, 10b		
5 – Water Use	5a	Moderate	November 1, 2017	- A Water Budget should be developed to determine water use for irrigation and if sufficient water storage volumes are currently available on the Project Site during the dry season.	--		
	5a	Moderate	May 31, 2017 (or prior to irrigation activities)	- A Water Monitoring Plan will also need to be implemented in which surface water diversion, storage and use for irrigation and other purposes is closely monitored and recorded. This water data will help you refine the water budget and improve water conservation on the Project Site. - Install water monitoring meters on your surface water diversion and water storage vessels. - Monitor and record the timing and volume of surface water diversion, water storage and water use using the log sheets provided in Appendix D.	--		
	5b	Moderate	May 31, 2017	PWA recommends properly sealing the overflowing 1,000 gallon water tank downstream of the POD and installing water shut off float valves on this and any other tank or water vessel with the potential for overflow.	MP #10, Photo 10a		
	5b	Moderate	2017 and then annually	Additional water conservation measures should continue to be investigated and employed to minimize surface water diversion and use. These include timed or volume-limited drip irrigation systems, incorporating native soil during the initial soil preparation at the start of the season, surface mulching or planting in beds to minimize evaporation, and planting plants in the ground instead of above ground pots. Rainwater harvesting during the wet season should be evaluated and employed to limit or completely eliminate surface water diversion during the dry season.	--		
	5c	Moderate	November 1, 2017	Develop a Water Budget to determine if additional off-stream storage is needed on the Project Site to eliminate surface water diversion during the dry season.	--		

Table 1. Features Needing Improvement or Action Items (Prioritized implementation schedule for corrective actions)

Standard Condition Requiring Action	Treatment Priority	Schedule	Summary of Corrective Actions/Recommendations (see more detailed listing of corrective actions in Section 4, above)	Monitoring Point and Photo #	Estimated Cost	Date Completed
	5d	Moderate	May 31, 2017 (or prior to irrigation activities)	To verify conformance with this Standard Condition, start measuring and recording your water usage using flow meters on a per plant basis, based on type and size of plant pot, full term versus short season (light deprivation) plant, and type of irrigation. This data will help you refine a Water Budget for your operation and determine agronomic rates of watering.	--	
	5e	High	June 30, 2017	File an Initial Statement of Diversion and Use (ISDU) application with the State Water Resources Control Board (SWRCB).	--	
	5f	High	October 15, 2017	- Construct an engineered containment berm around the perimeter of the water bladder to prevent discharge into waters of the state in the event of a containment failure. PWA recommends having the secondary containment berm designed by a certified engineer to ensure stability. - If engineered berm construction is to occur, obtain all necessary permits prior to commencement of construction activities. - PWA recommends transitioning away from the use of water bladders and into more stable and secure water storage features, such as additional rigid plastic tanks and/or off-stream ponds.	MP #11, Photo 11	
	5	High	October 31, 2017	Submit a LSAA to the CDFW for the surface water diversion and prior to any stream crossing work.	--	
7 - Fertilizer and Amendment Use	7a	High	May 31, 2017 and then annually	- Potting soil stored at CA #1, #2 and #3, and at any other locations on the Project Site, should be tarped or have cover crops planted to prevent nutrient mobilization over the wet season. - Install straw wattles or implement other appropriate BMPs where necessary to contain any mobilized nutrients at the locations listed above. - Any fertilizers, potting soils and soil amendments on the Project Site shall continue to be stored under a roof or tarped during the wet season and equipped with adequate secondary containment where applicable.	MP #9, Photo 9a, 9b MP #12, Photo 12	

Table 1. Features Needing Improvement or Action Items (Prioritized implementation schedule for corrective actions)

Standard Condition Requiring Action		Treatment Priority	Schedule	Summary of Corrective Actions/Recommendations (see more detailed listing of corrective actions in Section 4, above)	Monitoring Point and Photo #	Estimated Cost	Date Completed
	7b	Moderate	2017 and then annually	- Keep detailed records of the timing and volume of fertilizers and/or other soil amendments you use in your operations on log sheets provided in Appendix E. - Observe and monitor soil moisture so watering, fertilizer and chemical applications are made only when necessary and overwatering and excess infiltration is avoided.	--		
	7c	Moderate	May 31, 2017 and then annually	- To prevent nutrient mobilization, you should: 1) keep new or spent potting soils and amendments inside or under a roof or 2) tarp any soils or amendments that are kept outside over the wet season to prevent mobilization or leaching of nutrients. - You should also plant cover crops in spent pots and potting soil piles to enrich soil and lock up nutrients over the wet season. Also see 4.7a corrective actions, above.	MP #9, Photo 9a, 9b MP #12, Photo 12		
8 – Pesticides and Herbicides	8	Moderate	2017 and then annually	- All pesticides, herbicides and related materials (e.g., fungicides) must be used and applied consistent with product labeling. - When present, these chemicals should be stored within enclosed buildings in such a way they cannot enter or be released into surface or ground waters. - To verify conformance with this Standard Condition, you are required to keep track of the type, timing and volume of pesticides, herbicides and related chemicals that are applied your operations. This can be done using a simple log form, such as the one included in Appendix F.	--		
9 – Petroleum Products and Other Chemicals	9	High	June 30, 2017	Obtain one or more spill prevention cleanup kits and keep readily available to clean up small spills. Spill kits should be located where fuel is stored and refueling occurs.	--		
10 – Cultivation-Related Wastes	10	High	May 31, 2017	- Collect and properly dispose of the pile of cultivation-related waste near Storage Shed #2. - Cover the cultivation-related waste pile to prevent potential mobilization or leaching until it can be removed. - Properly store all future cultivation-related waste material located on the Project Site and dispose of appropriately by either burning, shredding, composting or taking material to an appropriate waste disposal facility.	MP #13, Photo 13		



APPENDIX B: MONITORING PLAN AND PHOTO LOGS

Monitoring Plan – In general, the entire road network, cultivation area and associated facilities need to be monitored throughout the year to identify any problems that might arise and to monitor the effectiveness of corrective actions which are completed. Refer to Figure 2 for the general location of monitoring points that you are responsible for tracking. However, the entire Project Site needs to be monitored to ensure that the site achieves and maintains compliance with the 12 Standard Conditions. If additional deficiencies develop, or individual problems arise, then corrective actions must be implemented immediately and these problem areas will be further monitored according to the WRPP.

For this Project Site, 14 monitoring points have been identified. Most are related to inadequate road drainage, undersized and improperly designed stream crossings, riparian buffer zones, and fertilizer and potting soil storage. MP #1 - MP #6 show the effects of inadequate road drainage and undersized or improperly designed stream crossings. MP #8 - MP #10 show cultivation areas and water tanks that are partially located within riparian buffer zones. MP #11 shows a water bladder lacking a secondary containment berm. MP #12 shows uncovered potting soil at a cultivation area with the potential for leaching into groundwater. MP #13 shows uncovered and improperly stored cultivation-related waste. MP #14 shows a large landslide with potential for sediment delivery to a Class III watercourse.

The goal of the monitoring on this Project Site is to ensure the original problems or non-compliant features (concentrated road runoff, undersized culverts or improperly stored potting soil) have been effectively treated and that environmental problems or threats to water quality do not arise or are adequately mitigated during the year. Consult with PWA if a problem is detected at any of these monitoring locations or elsewhere on the property, or if you would like our assistance in monitoring or developing corrective actions (BMPs) for problems that develop. Please also report to PWA when one or more of the corrective actions in the WRPP have been implemented, and include photos and descriptions of the actions taken.

Site inspection schedule - According to the NCRWQCB, periodic inspections should include visual inspection of the site, including any management measures/practices, to ensure they are being implemented correctly and are functioning as expected. Inspections include photographic documentation of any controllable sediment discharge sites, as identified on the site map, and a visual inspection of those locations on the site where pollutants or wastes, if uncontained, could be transported into receiving waters, and those locations where runoff from roads or developed areas drains into or towards surface water.

At a minimum, sites shall be inspected at the following times to ensure timely identification of changed site conditions and to determine whether implementation of additional management measures is necessary to prevent or minimize discharges of waste or pollutants to surface water:

- 1) Before and after any significant alteration or upgrade to a given stream crossing, road segment, or other controllable sediment discharge site. Inspection should include photographic documentation, with photo records to be kept on-site.
- 2) Prior to October 15 to evaluate site preparedness for storm events and stormwater runoff.
- 3) Following the accumulation of 3 inches cumulative precipitation (starting September 1st) or by December 15th, whichever is sooner.
- 4) Following any rainfall event with an intensity of 3 inches precipitation in 24 hours. Precipitation data can be obtained from the National Weather Service by entering the site zip code at <http://www.srh.noaa.gov/forecast>; Pick the nearest or most relevant zip code and then select the 3 day history that will also show precipitation totals.

Photo Log of features of interest and monitoring points before, during, and/or after treatment					
Photo #	Monitoring Point	Feature	Date	Pre-, during, or post-treatment	Description
1a	MP #1	RSDP #1	4/21/16	Pre-treatment	View of surface erosion due to a lack of road drainage structures with sediment delivery to Stream Crossing #1. View is looking towards the crossing from the left road approach.
1b	MP #1	RSDP #1	4/21/16	Pre-treatment	View of surface erosion with sediment delivery to Stream Crossing #1 looking up the left road approach from the crossing. Note the top of the culvert in the roadbed, exposed by road surface erosion.
1c	MP #1	RSDP #1, Stream Crossing #1	4/21/16	Pre-treatment	View of surface erosion from the left road approach with sediment delivery to Stream Crossing #1. View is looking downstream from upslope of the unculverted stream crossing.
1d	MP #1	Stream Crossing #1	4/21/16	Pre-treatment	View of a headcut and erosion of the outboard fillslope of Stream Crossing #1; view looking upstream from below the crossing.
2	MP #2	RSDP #2	4/21/16	Pre-treatment	View of steep road, concentrated road runoff and cutbank spring flow with sediment delivery to surface waters near Cultivation Area (CA) #3. Unused pond in background.
3a	MP #3	RSDP #3, Stream Crossing #3	4/21/16	Pre-treatment	View of concentrated road runoff delivering to Stream Crossing #3 and lack of a critical dip to prevent stream diversion in the event of a plugged culvert or overtopping. View is looking down the steep right road approach to the crossing.
3b	MP #3	RSDP #3, Stream Crossing #3	4/21/16	Pre-treatment	Similar view as Photo 3a showing closeup of road surface erosion delivering to the outlet of Stream Crossing #3. The culverted crossing has a diversion potential to the left.
3c	MP #3	RSDP #3	4/21/16	Pre-treatment	View of concentrated road runoff delivering to Stream Crossing #3 looking up the right road approach from the crossing. There are no rolling dips or road drainage features to drain the road surface.

Photo Log of features of interest and monitoring points before, during, and/or after treatment					
Photo #	Monitoring Point	Feature	Date	Pre-, during, or post-treatment	Description
3d	MP #3	Stream Crossing #3	4/21/16	Pre-treatment	View of the undersized culvert inlet area from the right bank upslope of the crossing.
3e	MP #3	Stream Crossing #3	4/21/16	Pre-treatment	View of the undersized culvert outlet set high in the fillslope; photo taken from the left bank below the crossing.
4	MP #4	Stream Crossing #2	4/21/16	Pre-treatment	View of the pond spillway crossing lacking a formal drainage structure from the left road approach.
5	MP #5	Stream Crossing #4	4/21/16	Pre-treatment	View of the inlet area of an undersized 18-inch diameter culvert; photo taken from upstream of the crossing.
6a	MP #6	Stream Crossing #5	4/21/16	Pre-treatment	View of the inlet area of an undersized 24-inch diameter culvert; photo taken from upstream of the crossing.
6b	MP #6	Stream Crossing #5	4/21/16	Pre-treatment	View of the outlet of an undersized 24-inch diameter culvert installed slightly high in the fillslope; photo taken from the right bank below the crossing.
7a	MP #7	Headcut	4/21/16	Pre-treatment	View of a headcut in the stream channel with the potential to migrate upstream and undermine Stream Crossing #1. View looking downstream from SC #1.
7b	MP #7	Headcut	4/21/16	Pre-treatment	View of the same headcut in Photo 7a looking upstream toward Stream Crossing #1 (at person standing).
8	MP #8	Cultivation Area #1	4/21/16	Pre-treatment	View of a portion of CA #1 within the riparian buffer zone of a Class III stream. View looking upslope and upstream.
9a	MP #9	Riparian buffer zone, Potting soil	4/21/16	Pre-treatment	View of two hoop houses at CA #3 within the riparian buffer zone of a spring/wetland and a Class III stream. Note wetland plants and pile of potting soil with potential for leaching into groundwater if left uncovered over the wet season.

Photo Log of features of interest and monitoring points before, during, and/or after treatment					
Photo #	Monitoring Point	Feature	Date	Pre-, during, or post-treatment	Description
9b	MP #9	Riparian buffer zone, Potting soil	4/21/16	Pre-treatment	View of the outdoor cultivation area at CA #3 within the riparian buffer zone of a Class III watercourse and spent potting soil with potential for leaching into groundwater if left uncovered over the wet season.
10a	MP #10	Water tank in riparian buffer zone	4/21/16	Pre-treatment	View of a 1,000 gallon overflowing water tank downstream of the POD within the riparian buffer zone of a Class III stream.
10b	MP #10	Water tank in riparian buffer zone	4/21/16	Pre-treatment	View of a 1,000 gallon water tank downstream of the POD within the riparian buffer zone of a Class III stream.
11	MP #11	Water tank in riparian buffer zone	4/21/16	Pre-treatment	View of a 25,000 gallon water bladder lacking an adequate secondary containment berm to prevent discharge in the event of bladder rupture or failure.
12	MP #12	Potting soil	4/21/16	Pre-treatment	View of uncovered potting soil at CA #2 with the potential for leaching into groundwater when left uncovered over the wet season.
13	MP #13	Cultivation-related waste	4/21/16	Pre-treatment	View of improperly stored cultivation-related waste with the potential for leaching into groundwater when left uncovered over the wet season.
14	MP #14	Landslide	4/21/16	Pre-treatment	View from the top left edge of a previously failed landslide located downslope of the cabin. This feature should be regularly inspected and monitored to determine if mitigation measures are necessary to prevent sediment delivery to surface waters.