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Lead Agency (if different from above)
County of Humboldt
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Contact: Steve Lazar
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SUBJECT: Filing of Notice of Determination pursuant to Public Resources Code section 21108

State Clearinghouse Number: 2015102005

Project Title: HARDESTY WATER DIVERSION AND STREAM CROSSINGS (Lake or Streambed Alteration Agreement No. 1600-2019-0139-R1)

Project Location (include county): The projects to be completed are located in the Van Duzen River watershed at 1011 Tim Mullen Road, County of Humboldt, State of California. The projects are for Assessor's Parcel Numbers (APN) 314-321-031 and 314-156-009, but they are located on APN 314-311-009, and 314-151-010. The point of diversion (POD-1) is located at 40.709784 N, -123.951797 W, on an unnamed spring, tributary to Painter Gulch. Stream crossing 1, (STX-1) is located at 40.708057 N, -123.949305 W, on a class II stream. STX-2 is located at 40.707873 N, -123.947541 W on the same stream.

Project Description: The project is limited to 3 encroachments.

POD-1 is located on an un-named spring tributary to Painter Gulch which is a tributary to Yager Creek. The diversion is located on a neighboring parcel APN 314-311-009 and the landowner has deeded rights to use the spring. The intake consists of a wooden spring box emplaced in the ground. From the POD water is gravity fed to a 500-gallon holding tank via a 1-inch black poly line; then water is gravity fed to a 2,500-gallon water tank equipped with a float valve to stop diversion when full. From the 2,500-gallon tank, water is pumped through a 1.5-inch water line using a solar powered pump to the ~6-acre vineyard for irrigation using a pressurized drip irrigation system. Approximately 70,000 gallons is diverted each month for irrigation from May 15th through September 15th. The vineyard was recently planted and requires irrigation in the early years, while the roots are becoming established, eventually the irrigation from the POD will stop and the transition to dry farming will begin. The landowner anticipates that the vineyards will be primarily dry farmed by spring of 2023.

STX-1. A Class III stream with a 30-inch diameter steel culvert. The culvert is not sized to pass the 100-year peak streamflow and associated debris and is rusted through the bottom. Additionally, the culvert is installed high in the fill which is causing erosion at the outlet. The right and left road approaches are also hydrologically connected to the stream crossing, and no diversion potential exists. The culvert will be replaced with a 54-inch dia. x 40-foot long culvert sized for 100-year peak streamflow and associated debris, installed at channel grade, and at the base of fill. Additionally, the culvert will allow for the passage of aquatic organisms. At least one rolling dip will be installed along the right road approach and one on the left road approach to reduce hydrologic connectivity and prevent surface erosion.

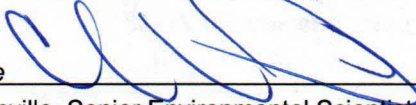
STX-2. A Class II stream with a 30-inch diameter steel culvert. The culvert is not sized to pass the 100-year peak streamflow and associated debris and is rusted through the bottom. Additionally, the culvert is installed high in the fill which is causing some minor erosion at the outlet, the right and left road approaches are also hydrologically connected to the stream crossing, and no diversion potential exists. The culvert will be replaced with a 60-inch dia. x 40-foot long culvert sized for 100-year peak streamflow and associated debris, installed at channel grade, and at the base of fill. Additionally, the culvert will allow for the passage of aquatic organisms. At least one rolling dip will be installed along the right road approach and one on the left road approach to reduce hydrologic connectivity and prevent surface erosion.

This is to advise that CDFW, acting as the Lead Agency / a Responsible Agency approved the above described project and has made the following determinations regarding the project pursuant to California Code of Regulations section 15096, subdivision (i):

1. The project will not have a significant effect on the environment. This determination is limited to effects within CDFW's permitting jurisdiction as a Responsible Agency.
2. A mitigated negative declaration / negative declaration was prepared for this project pursuant to the provisions of CEQA.
CDFW considered the mitigated negative declaration / negative declaration prepared by the Lead Agency for this project pursuant to California Code of Regulations section 15096, subdivision (f).
3. Mitigation measures were / were not made a condition of CDFW's approval of the project.
4. A mitigation reporting or monitoring plan was / was not adopted by CDFW for this project.
5. A Statement of Overriding Considerations was not adopted by CDFW for this project.
6. Findings were not made by CDFW pursuant to Public Resources Code section 21081, subdivision (a).

The mitigated negative declaration / negative declaration prepared for the project is available to the general public at the office location listed above for the Lead Agency. CDFW's record related to the Lake or Streambed Alteration Agreement is available to the public for review at CDFW's regional office.

Signature



Date:

7/2/19

Cheri Sanville, Senior Environmental Scientist Supervisor
Governor's Office of Planning & Research

Date Received for filing at OPR: **JULY 02 2019**

STATE CLEARINGHOUSE