

## Sample Water Resource Protection Plan

This document serves as the water resource protection plan for site<XXXXXX> pursuant to Order No. R1-2015-0023.

On August 13, 2015, the North Coast Regional Water Quality Control Board (Regional Water Board) adopted a General 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, Order No. R1-2015-0023. One of the requirements of the order is to prepare a water resource protection plan (WRPP) for all sites that are enrolled under Tier 2 of the order, including all of the elements listed below.

1. Legible map(s) of the property identifying the following items 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:
  - a. Site topography
  - b. Perimeter of land owned
  - c. Perimeter of land leased
  - d. Buildings with use identified
  - e. Storage locations of chemicals used, if any (i.e. fertilizer, pesticide, petroleum)
  - f. Production area(s) perimeter (e.g. Cultivation areas, greenhouses)
  - g. Cleared and developed areas
  - h. Surface watercourses and water conveyances (e.g. ditches, piping)
  - i. Drainage patterns & flow path directions
  - j. Roads, including specific markings for all stream crossings
  - k. Features scheduled for upgrade, cleanup, remediation, and restoration
  - l. Points of diversion of water sources
  - m. Locations of water pumps and associated facilities
  - n. Water storage type and location (storage tanks, ponds, bladders)
  - o. Unstable features
  - p. Human waste facilities (e.g. septic tanks and leach fields, privy, composting toilet)
  - q. Map legend

## Insert map here

2. Assess current conditions of the site (as applicable to the standard conditions of the order) and include any features, as indicated on the map, needing improvements in the table below or by using a list with similar information. Include a detailed list of specific management practices designed to meet standard conditions, incorporating applicable standard BMPs, and any improvement work needed to bring site features into compliance with the standard conditions. If site problems are identified, include a prioritization and implementation schedule for corrective action based on potential impacts to the beneficial uses of water. Management practices must address controllable sediment delivery sites,<sup>1</sup> riparian protection, road construction and maintenance, spoils storage and disposal, chemical handling and management, waste handling and disposal, irrigation runoff, and water storage and use<sup>2</sup>. Proposed work in streams and wetlands requires site-specific review to determine if the work requires a permit by the Army Corps of Engineers and a Water Quality Certification by the Water Board. Additionally, proposed work in streams and wetlands shall be designed by a qualified registered professional and shall incorporate applicable standard BMPs. Include the relevant permit information for coverage of proposed work in or near streams or wetlands.

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<sup>1</sup> Controllable sediment delivery sites are generally areas that are discharging or have the potential to discharge sediment to waters of the state, that are caused or affected by human activity, and may feasibly and reasonably respond to prevention and minimization management measures.

<sup>2</sup> This section combines Items I.B.3 and I.B.4 of the Order.



3. Applicable design drawings and schematics for watercourse structures, fish passages, roads, septic tanks, fill prisms, pads, ponds, or any other constructed feature that has been designed or engineered.
4. List of chemicals stored onsite, and information about use (e.g., quantities used and frequency applied).
5. Monitoring element to ensure that BMPs are being implemented and to evaluate their effectiveness. *Include a plan to inspect the site to evaluate the effectiveness of corrective action and identify where additional work may be needed.*
6. Water Use: Plan shall record water source, relevant water right documentation, and amount used monthly.<sup>3</sup> Plan must describe water conservation measures and document approach to ensure that the quantity and timing of water use is not impacting water quality objectives and beneficial uses (including cumulative impacts based on other operations using water in the same watershed). Water use will be presumed to not adversely impact water quality under one of the following scenarios:
  - No surface water diversions from May 15-Oct 31.
  - Water diversion pursuant to a local plan that is protective of instream beneficial uses.
  - Other options: (e.g., % of flow present in stream; riffle depth; gage at bottom of Class I stream; AB2121 equations; DFW flow recommendations; promulgated flow objective in Basin Plan).

Name of legally responsible person (LRP): \_\_\_\_\_

Title (owner, lessee, operator, etc.): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

WRPP prepared by (if different from LRP): \_\_\_\_\_

WRPP prepared on (Date): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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<sup>3</sup> All water sources shall be recorded, including alternative sources such as rain catchment and groundwater, and/or hauled water. Hauled water shall be documented as specified in the MRP.