

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

**MONITORING AND REPORTING PROGRAM NO. R9-2002-0115
for Order No. R9-2002-0115**

**WASTE DISCHARGE REQUIREMENTS
FOR
ROBERT & ELISABETH CROUCH, TRUSTEES of
ROBERT & ELISABETH CROUCH TRUST and
MOUNTAIN MEADOW MUSHROOM, INC.**

**MOUNTAIN MEADOW MUSHROOM FARM
SAN DIEGO COUNTY**

A. OBJECTIVES

The objectives of the monitoring program are to:

- a. Ensure that discharges are in compliance with this Order.
- b. Ensure practices at the facility to reduce or prevent pollutants in discharges are evaluated and revised to meet changing conditions.
- c. Aid in the implementation and revision of the waste management plan required by this Order.
- d. Measure the effectiveness of best management practices (BMPs) to prevent or reduce pollutants in storm water discharges and authorized non-storm water discharges.

B. MONITORING PROVISIONS

1. The discharger shall report all instances of noncompliance not reported under Reporting Requirement D.5 of Order No. R9-2002-0115 at the time monitoring reports are submitted. The reports shall contain the information listed in Reporting Requirement D.5.
 2. The monitoring reports shall be signed by an authorized person as required by Reporting Requirement E.8 of Order No. R9-2002-0115.
 3. All sampling and sample preservation shall be in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association). All monitoring instruments and equipment (including a discharger's own field instruments for measuring pH and Electro Conductivity) shall be calibrated and maintained in accordance with manufacturers' specifications to ensure accurate measurements. All laboratory analyses must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Order or by this Regional Board. With the exception of analysis conducted by facility operators, all laboratory analyses shall be conducted at a
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laboratory certified for such analyses by the State Department of Health Services. Facility operators may conduct their own sample analyses if the facility operator has sufficient capability (qualified employees, laboratory equipment, etc.) to adequately perform the test procedures.

4. Records of all storm water monitoring information and copies of all reports (including the Annual Reports) required by this Order shall be retained for a period of at least five years. These records shall include:
 - a. The date, place, and time of site inspections, sampling, visual observations, and/or measurements;
 - b. The individual(s) who performed the site inspections, sampling, visual observations, and or measurements;
 - c. The date and approximate time of analyses;
 - d. The individual(s) who performed the analyses;
 - e. Analytical results, method detection limits, and the analytical techniques or methods used;
 - f. Quality assurance/quality control records and results;
 - g. Non-storm water discharge inspections and visual observations and storm water discharge visual observation records;
 - h. Visual observation and sample collection exception records;
 - i. All calibration and maintenance records of on-site instruments used;
 - j. All Sampling and Analysis Exemption and Reduction certifications and supporting documentation;
 - k. The records of any corrective actions and follow-up activities that resulted from the visual observations.

C. ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION

The discharger shall conduct an annual comprehensive site compliance evaluation (evaluation) that include:

- a. A review of all visual observation records, inspection records, and sampling and analysis results.
- b. A visual inspection of all potential pollutant sources for evidence of, or the potential for, pollutants entering the drainage system.
- c. A review and evaluation of all BMPs (both structural and non-structural) to determine whether the BMPs are adequate, properly implemented and maintained, or whether additional BMPs are needed. A visual inspection of equipment needed to implement the waste management plan shall be included.
- d. An evaluation report that includes, (i) identification of personnel performing the evaluation, (ii) the date(s) of the evaluation, (iii) necessary waste management plan revisions, (iv) schedule, as required for implementing waste management

plan revisions, (v) any incidents of non-compliance and the corrective actions taken, and (vi) a certification that the facility operator is in compliance with Order No. R9-2002-0115. If the above certification cannot be provided, explain in the evaluation report why the facility is not in compliance with this Order. The evaluation report shall be submitted as part of the annual report, retained for at least five years, and signed and certified in accordance with Reporting Requirement E.8.c.

D. VISUAL OBSERVATIONS

1. The discharger shall visually observe all drainage areas within their facilities for the presence of unauthorized non-storm water discharges. Visual observations shall document the presence of any discolorations, stains, odors, floating materials, etc., as well as the source of any discharge. Records shall be maintained of the visual observation dates, locations observed, observations, and response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges. The waste management plan shall be revised, as necessary, and implemented in accordance with this Order.

2. The discharger shall visually observe storm water discharges from one storm event per month during the wet season (October 1- April 30). These visual observations shall occur during the first hour of discharge and at all discharge locations. Visual observations of stored or contained storm water shall occur at the time of release.

Visual observations are only required of storm water discharges that occur during daylight hours that are preceded by at least three (3) working days¹ without storm water discharges and that occur during scheduled facility operating hours.

Visual observations shall document the presence of any floating and suspended material, oil and grease, discolorations, turbidity, odor, and source of any pollutants. Records shall be maintained of observation dates, locations observed, observations, and response taken to reduce or prevent pollutants in storm water discharges. The waste management plan shall be revised, as necessary, and implemented in accordance with this Order.

¹ Three (3) working days may be separated by non-working days such as weekends and holidays provided that no storm water discharges occur during the three (3) working days and the non-working days.

E. STORM WATER MONITORING

1. The discharger shall collect storm water samples during the first hour of discharge from (1) the first storm event of the wet season, and (2) at least one other storm event in the wet season. All storm water discharge locations shall be sampled. Sampling of stored or contained storm water shall occur at the time the stored or contained storm water is released. Facility operators that do not collect samples from the first storm event of the wet season are still required to collect samples from two other storm events of the wet season and shall explain in the Annual Report why the first storm event was not sampled.
2. Sample collection is only required of storm water discharges that occur during scheduled facility operating hours and that are preceded by at least (3) three working days without storm water discharge.
3. The samples shall be analyzed for total suspended solids (TSS), pH, specific conductance, and nutrients (Nitrate-nitrogen, Nitrite, Ammonia -nitrogen, Total Kjeldahl nitrogen, Ortho-phosphate and Total-phosphate)
4. *Sample Storm Water Discharge Locations*
 - a. The discharger shall visually observe and collect samples of storm water discharges from all drainage areas that represent the quality and quantity of the facility's storm water discharges from the storm event.
 - b. If the facility's storm water discharges are commingled with run-on from surrounding areas, the discharger should identify other visual observation and sample collection locations that either: (a) have not been commingled by run-on and that represent the quality and quantity of the facility's storm water discharges from the storm event; or (b) establish sample collection locations immediately upstream of the facility to provide background water quality data and downstream of the facility to compare with background.
 - c. If visual observation and sample collection locations are difficult to observe or sample (e.g., sheet flow, submerged outfalls), the discharger shall identify and collect samples from other locations that represent the quality and quantity of the facility's storm water discharges from the storm event.

F. VISUAL OBSERVATION AND SAMPLE COLLECTION EXCEPTIONS

The discharger is required to be prepared to collect samples and conduct visual observations at the beginning of the wet season (October 1) and throughout the wet season until the minimum requirements of Sections D and E are completed with the following exceptions:

1. The discharger is not required to collect a sample and conduct visual observations in accordance with Section D and Section E due to dangerous weather conditions, such as flooding, electrical storm, etc., when storm water discharges begin after scheduled facility operating hours or when storm water discharges are not preceded by three

working days without discharge. Visual observations are only required during daylight hours. The discharger shall include an explanation in the Annual Report why the sampling or visual observations could not be conducted.

2. The discharger may conduct visual observations and sample collection more than one hour after discharge begins if the discharger determine that the objectives of this Section will be better satisfied. The discharger shall include an explanation in the Annual Report why the visual observations and sample collection should be conducted after the first hour of discharge.

G. SURFACE IMPOUNDMENTS

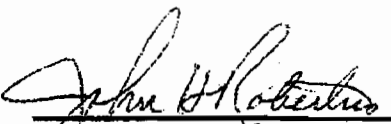
The discharger shall visually monitor and record the amount of freeboard in all surface impoundments monthly.

H. GROUNDWATER MONITORING

The discharger shall collect a sample from the on-site groundwater well prior to December 30, 2002 and every five years after that. The sample shall be analyzed for total dissolved solids and nitrates.

I. ANNUAL REPORT

The discharger shall submit an Annual Report by July 30th of each year that includes the Annual Comprehensive Site Compliance Evaluation Report required in Section C; the storm water sampling and analysis results and laboratory reports, ground water monitoring results when conducted; and monthly surface impoundment log. The Annual Report shall be signed and certified in accordance with Reporting Requirement E.8.c.



JOHN H. ROBERTUS
Executive Officer

May 8, 2002

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