

California Regional Water Quality Control Board  
North Coast Region

ORDER NO. R1-2001-40  
ID NO. 1B00059RHUM

WASTE DISCHARGE REQUIREMENTS

FOR

DR. IRA GRANAT  
3880 ROAD Z  
REDWAY, CALIFORNIA

Humboldt County

The California Regional Water Quality Control Board, North Coast Region, (hereinafter the Regional Water Board) finds that:

1. Dr. Ira Granat submitted a Report of Waste Discharge dated May 26, 2000, and the Regional Water Board issued Waste Discharge Requirements Order No. 2000-47 for the operation of a pump and treat system to remove contamination from surface and groundwater on his property near Redway, California. The contamination was caused by a diesel fuel spill from a 1,000 gallon storage tank owned by Dr. Granat. The fuel in the tank was supplied by Renner Petroleum.
2. The Regional Water Board issued Cleanup and Abatement Order No. R1-2000-43 to Dr. Granat and Michael Renner dba Renner Petroleum on June 22, 2000, requiring cleanup and abatement of the contamination. It was later determined that Michael Renner dba Renner Petroleum had no liability for cleanup and abatement of the contamination and was removed as a named party from Cleanup and Abatement Order No. R1-2000-43.
3. Since issuance of Waste Discharge Requirements Order No. 2000-47 and Cleanup and Abatement Order No. R1-2000-43, discharges of gasoline constituents have been discovered at or near Dr. Granat's property. This Order is being issued to rescind Waste Discharge Requirements Order No. 2000-47 and to issue new waste discharge requirements to Dr. Ira Granat (hereinafter, the discharger) for the pump and treat system described below.
4. The discharger owns and/or operates a pump and treat system designed to remove petroleum hydrocarbon contamination, including diesel fuel and gasoline, from surface and groundwater on the discharger's property in Redway, California. The treated effluent is disposed through spray irrigation on lands owned or controlled by the discharger within the watershed of Seely Creek, tributary to Redwood Creek, thence to the South Fork Eel River. The facilities are located at a

- property with the address 3880 Road Z (aka Perry Meadow Road) in Redway, California. The coordinates of the facility are 40° 08' 59" North latitude and 123° 53' 52" West longitude.
5. The treatment system is designed to treat surface water and groundwater that were contaminated by the unauthorized release of diesel fuel and gasoline at the site. Surface water is removed from Seely Creek and groundwater is removed from an extraction well constructed near the site of the diesel and gasoline release. The contaminated water is passed through an oil-water separator to remove separate phase petroleum product and then through an activated carbon filtration system to remove dissolved phase petroleum product. The system is designed to treat a maximum of 25 gallons per minute.
  6. The Regional Water Board's Water Quality Control Plan for the North Coast Region includes beneficial uses for surface and ground waters, and water quality objectives to protect those uses.
  7. The beneficial uses of Seely Creek and the Eel River include:
    - a. municipal and domestic supply (MUN)
    - b. agricultural supply (AGR)
    - c. industrial service supply (IND)
    - d. industrial process (PROC)
    - e. navigation (NAV)
    - f. water contact recreation (REC1)
    - g. commercial and sport fishing (COMM)
    - h. cold freshwater habitat (COLD)
    - i. wildlife habitat (WILD)
    - j. preservation of rare and endangered species (RARE)
    - k. migration of aquatic organisms (MIGR)
    - l. spawning, reproduction, and/or early development (SPWN)
  8. Beneficial uses of areal groundwaters include:
    - a. domestic water supply
    - b. agricultural water supply
    - c. industrial service supply
    - d. industrial process supply
  9. This project is exempt from provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) as a minor cleanup action to prevent, minimize, stabilize, mitigate or eliminate the release of Hazardous Substances (Title 14, California Code of Regulations, Section 15330).

10. The Regional Water Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity to submit their written comments and recommendations.
11. The Regional Water Board, in a public meeting, heard and considered all comments pertaining to the discharge.
12. The permitted discharge is consistent with State Water Resources Control Board (State Water Board) Resolution No. 68-16. The impact on existing water quality will be insignificant.
13. This Order rescinds Order No. R1-2000-47 that was adopted by the Regional Water board on June 22, 2000.

THEREFORE, IT IS HEREBY ORDERED that Order No. R1-2000-47 is hereby rescinded and that the discharger, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

**A. DISCHARGE PROHIBITIONS**

1. The discharge of any waste not specifically regulated by this Order is prohibited.
2. Creation of a pollution, contamination, or nuisance, as defined by Section 13050 of the California Water Code (CWC), is prohibited.
3. The discharge of waste to land that is not under the control of the discharger is prohibited, except as authorized under **C. SOLIDS DISPOSAL**.
4. The discharge of untreated waste from anywhere within the collection, treatment, or disposal facility is prohibited.
5. The discharge of waste or treated effluent from the pump and treat system to Seely Creek or its tributaries is prohibited.

**B. EFFLUENT LIMITATIONS**

1. The discharge from the treatment system shall not exceed 25 gallons per minute.
2. The discharge shall not contain concentrations of total petroleum hydrocarbons as diesel above the detection limit of 50 ug/l.

3. The discharge shall not contain concentrations of total petroleum hydrocarbons as gasoline above the detection limit of 50 ug/l.
4. The discharge shall not contain concentrations of benzene, toluene, ethylbenzene, or total xylenes above the detection limit of 0.5 ug/l.
5. The discharge shall not contain concentrations of Methyl *tertiary*-Butyl Ether (MTBE) or any other gasoline oxygenates above the detection limit of 0.5 ug/L.

### **C. SOLIDS DISPOSAL**

1. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the State Water Board promulgated provisions of Title 27, Division 2, of the California Code of Regulations.

### **D. GENERAL PROVISIONS**

1. A copy of this Order shall be maintained at the discharge facility and be available at all times to operating personnel.

2. Severability

Provisions of these waste discharge requirements are severable. If any provision of these requirements is found invalid, the remainder of these requirements shall not be affected.

3. Operation and Maintenance

The discharger must maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.

4. Change in Discharge

The discharger must promptly report to the Regional Water Board any material change in the character, location, or volume of the discharge.

5. Change in Ownership

In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger must notify the

succeeding owner or operator of the following items by letter, a copy of which must be forwarded to the Regional Water Board:

- a. existence of this Order, and
- b. the status of the dischargers' annual fee account

6. Vested Rights

This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, nor protect the discharger from his liability under federal, state, or local laws, nor create a vested right for the discharger to continue the waste discharge.

7. Monitoring

The discharger must comply with the Contingency Planning and Notification Requirements Order No. 74-151 and the Monitoring and Reporting Program No. R1-2001-40 and any modifications to these documents as specified by the Executive Officer. Such documents are attached to this Order and incorporated herein. Chemical, bacteriological, and bioassay analyses must be conducted at a laboratory certified for such analyses by the State Department of Health Services.

8. Inspections

The discharger shall permit authorized staff of the Regional Water Board:

- a. entry upon premises in which an effluent source is located or in which any required records are kept;
- b. access to copy any records required to be kept under terms and conditions of this Order;
- c. inspection of monitoring equipment or records; and
- d. sampling of any discharge.

9. Noncompliance

In the event the discharger is unable to comply with any of the conditions of this Order due to:

- a. breakdown of waste treatment equipment;
- b. accidents caused by human error or negligence; or
- c. other causes such as acts of nature;

The discharger must notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the noncompliance and shall indicate the steps taken to correct the problem and the dates thereof, and the steps being taken to prevent the problem from recurring.

10. Revision of Requirements

This Regional Water Board requires the discharger to file a report of waste discharge at least 120 days before making any material change or proposed change in the character, location, or volume of the discharge.

Certification

I, Lee A. Michlin, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, North Coast Region, on April 26, 2001.

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Lee A. Michlin  
Executive Officer