GIVAUDAN-ROURE

CERTIFIED MAIL P-395-159-482
RETURN RECEIPT REQUESTED

December 22, 1992

Ms. Brenda Jogan, Chief
New Jersey Department of
Environmental Protection & Energy
Wastewater Facilities Regulation
Bureau of Operational Ground Water Permits
401 East State Street
CN-029
Trenton, New Jersey 08625

RECEIVED
#004
DEC 23 1992
State of New Jersey
Department of Environmental Protection
Division of Water Resources
~~Office of the Deputy Director~~
GW

Re: DGW-I NJPDES Permit No. 0088374
GIVAUDAN-ROURE CORPORATION
Clifton, New Jersey 07015-5034

Dear Ms. Jogan:

Givaudan-Roure respectfully submits the attached proposed emergency repair plan for the infiltration/percolation (I/P) lagoon for the Department's review and approval. The proposed plan is submitted in accordance with General Condition II B.1., Contingency Requirements of the referenced permit.

Givaudan-Roure has decided at this time to continue to utilize the I/P lagoon for stormwater run off. This decision was based on the State of New Jersey Department of Environmental Protection and Energy philosophy which emphasizes storm-water pollution prevention and source reduction within the framework of a general permit.

If you have any questions regarding the proposed plan please contact Mr. Frank Slaby at (201)365-8523.

Sincerely,

GIVAUDAN-ROURE CORPORATION

Harold G. Thompson

Harold G. Thompson
Sr.Vice-President-Operations

Enclosures
HGT: cj
NJPDES.D22
cc Mr. A. Aroneanu

GIVAUDAN-ROURE INFILTRATION/PERCOLATION LAGOON

INDUSTRIAL CONTINGENCY REQUIREMENTS/

PROPOSED EMERGENCY REPAIR PLAN

Re: Permit NJ 0088374 Condition II. B.1. - Part II - DGW-I, Page 2 of 3

Description of the Infiltration/Percolation Lagoon

The stormwater infiltration/percolation (I/P) lagoon is an unlined, in-ground stormwater impoundment, approximately 90 feet in length , approximately 60 feet in width and having a maximum depth of approximately 13 feet. The capacity of the I/P lagoon is approximately 235,000 gallons. Since the lagoon has been in service more than 50 years, there has been no reporting of a side bank failure. This is primarily attributed to the soil characteristics of the area and the type of grasses and vegetation surrounding the lagoon, i.e. course grained soil with large stones, cobbles and pebbles; lawn grass, golden rod and broom sedge.

Periodical inspections of the lagoon have shown thus far that the banks are structurally sound and there has been no evidence of any severe erosion of the banks. Since the lagoon is an in-ground impoundment, continuing the present use of the system is not expected to result in a collapse of the banks. Furthermore, the routine inspection of the lagoon provides us with an early warning system that would indicate the potential for a collapse of the banks.

During rainfall events which exceed 2 inches, the pond will fill and result in an overflow condition. The runoff continues to a swale finally discharging to the Department of Tranportation (DOT) stormwater system at River Road.

Proposed Emergency Repair Plan

In the event of a worst-case emergency scenario, the contingency plan would necessitate removal of the contents (water and sediment) of the lagoon. The proposed plan would include the following activities:

- Dewater the lagoon by pumping the stormwater to the existing storm sewer system, i.e., to the stormwater swale and ultimately discharging to the existing DOT stormwater system located on River Road.

- Excavate and dispose of the sediment in accordance with permit general condition II.A.3. (see attachment)

- Any severe deterioration or erosion of the banks will be repaired with appropriate backfill material, top soil and seed.

- In case rainfall occurs during the time of the repair work, the existing stormwater sewer inlets to the lagoon will be plugged and portable pumps used to pump excess rainfall from strategically located manholes to the existing stormwater swale. The resulting stormwater from the swale will discharge as it normally does to the DOT stormwater system.

- In case minor changes are required such as altering the slope of the banks, etc., the Department of Environmental Protection and Energy will be notified in writing of the change. General Condition II.A.4. would necessarily apply. Givaudan-Roure would, therefore, correct minor bank slope or defects only after notifying the Department in writing of the change(s). Such notification will include the submittal of plans for the proposed change and an estimated time schedule for completion. It is noted that written Departmental approval may not be required in most instances covering these minor changes.

ATTACHMENT

RE: Permit General Condition II.A.3.

"Prior to removal and disposal of any sludge from a lagoon, the permittee shall contact the Bureau of Regulation, Classification and Technical Assistance (phone: (609)292-8341) to determine the Department requirements for classification of the sludge. Based upon the results of the analytical tests performed, the permittee shall dispose of the sludge in a manner approved by the Department. Fine sands, muds, clays, aggregates, are the result of mining/quarrying operations or are accumulated in stormwater basis not associated with industrial activity are not considered to be sludge."

State of New Jersey
Department of Environmental Protection and Energy
Environmental Regulation
Wastewater Facilities Regulation Program
CN 029
Trenton, NJ 08625-0029

Scott A. Weiner
Commissioner

Dennis Hart
Administrator

Harold G. Thompson
Givaudan-Roure Corporation
70 Delawanna Ave
Clifton, NJ 07015-5034

JAN 26 1993

Re: Lagoon emergency repair plan NJ0088374

Mr. Thompson,

The Department has reviewed your proposed emergency repair plan for the on-site stormwater lagoon as submitted in conformance with conditions outlined in Part II B.1 of the NJPDES permit. The Department approves of your plan as proposed and acknowledges, as outlined in previous cooresponsdance, that Givaudan-Roure will not be closing the existing lagoon to construct a surface impoundment at this time. If you have any questions, please contact June Gazek at (609) 292-0407.

Sincerely,

Brenda Jogan, Chief
Bureau of Operational Ground Water Permits

WFM:370:jg
Enclosures
c:
Northern Bureau of Water and Hazardous Waste Enforcement