



ENVIRONMENT DEPARTMENT
 and Water Protection and Remediation Bureau
 Harold Runnels Building
 1190 St. Francis Drive, P.O. Box 26110
 Santa Fe, New Mexico 87502
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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

September 6, 1995

Dr. Jim Hartman
 USAADACENFB
 Directorate of Environment
 Attn: ATVC-DOE-M
 Fort Bliss, TX 79916-6816

Re: Discharge Plan Required & Notice of Non-Compliance

Dear Dr. Hartman:

The New Mexico Environment Department (NMED) records indicate that the four sewage ponds in New Mexico at McGregor, Myer Range, Oro Grande, and Dona Ana are currently discharging without approved discharge plans, which is in violation of Section 3-104 "Discharge Plan Required" of the Water Quality Control Commission (WQCC) Regulations, copy enclosed. The NMED originally requested discharge plans in a letter dated July 1, 1992 to Fazlur Rab, the environmental engineer. In a letter dated April 11, 1994, Sheri Bone, Acting Director of the Environment stated that NMED would receive the required discharge plans no later than September 1994.

Currently, NMED has not received the required discharge plans. Fort Bliss is hereby notified the required discharge plans must be received by NMED within 30 days. Enclosed are the necessary materials for the preparation of a discharge plan application. In addition, the filing of plans and specifications is required under WQCC Reg. 1-202. A \$50.00 filing fee is required with the submittal of each discharge plan. Please mail three copies of each completed discharge plan and plans and specifications to the Program Manager, Ground Water Section, at the address listed below.

Plans and specifications should include a plot plan of the property which shows all buildings on the property, the location and size of all septic tanks and leach fields or other systems used for the treatment and discharge of waste water, and the location and size of all pipelines used for the conveyance and distribution of effluent with valves and distribution boxes as appropriate.

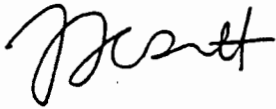
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Dr. Hartman
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This letter is NMED's attempt to gain your voluntary compliance. Failure to comply with this deadline may subject you to enforcement actions such as of a formal notice of violation, a compliance order, assessment of penalties, or filing of a district court action.

If you have any questions, please contact either Marchell Schuman of the Ground Water Section staff at 505-827-2996 or the Program Manager at 827-2900.

Sincerely,



Marcy Leavitt, Chief
Ground Water Protection &
Remediation Bureau

ML:MMS/mms

Enclosures: WQCC Regulations
Discharge plan application

xc: Ken Smith, District Manager, NMED Dist. III
Gunther Diehl, HPM, Alamogordo Field Office

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2850

**GUIDELINES FOR APPLYING FOR A
GROUND WATER DISCHARGE PERMIT**

Enclosed is a Ground Water Discharge Permit Application Form (Form) and attachment(s). Section 3-104 of the NM Water Quality Control Commission (WQCC) Regulations requires that any person, unless a specific exemption is provided for in the WQCC Regulations, proposing to discharge effluent or leachate so that it may move directly or indirectly into ground water, must have an approved discharge permit. The enclosed Form is a general guideline which may be used by applicants. Close adherence to the Form will assure that an application is complete and generally will expedite the processing of a discharge permit.

Please mail three complete copies of your application with your check made out to the New Mexico Environment Department for the \$50 filing to the address below:

Dale Doremus, Program Manager
Ground Water Section
NM Environment Department
P. O. Box 26110
Santa Fe, NM 87502

WQCC Reg. 3-108 requires that the NMED, upon receipt of an (complete) application, publish a public notice and allow 30 days for public comment before taking final action on a discharge permit. A public hearing will be held if one is requested and the NMED finds that there is significant public interest.

All applications must be accompanied by a filing fee of \$50. An additional fee will be assessed prior to approval to cover the estimated cost to the NMED for investigation and issuance of the approval. The fee amounts for investigation and issuance are listed in the Water Quality Control Commission Regulations (WQCC Reg. 3-114) on page 33.1.

The following items as applicable need to be addressed or included with each application.

CHECKLIST

- All portions of the Ground Water Discharge Permit Application Form must be addressed. The application will not be considered complete, if there are any omissions, and publication of the public notice will be delayed.
- For all applications, plans and specifications for the entire effluent or leachate handling system must be included. For septic tank, leachfield systems, please use NMED's guidelines for plans and specifications for septic tank and leachfield systems.
- The application must be signed by the responsible party, generally the owner or lessee.
- If your facility site includes an archeological site on the State Register of Cultural Properties or National Register of Historic Places, the State Historic Preservation Office has the authority to require an archeological or historical study prior to NMED taking final action on your discharge plan.
- Please assure that three copies of all required items are enclosed.
- Include a check in the amount of \$50, as a filing fee, made payable to the NM Environment Department.

If you have any questions, you may phone the Ground Water Section at 505-827-2900.

New Mexico Environment Department
Ground Water Discharge Permit Application Form

Name of facility: _____

Name, title, and address of
person(s) legally responsible
for discharge:

Owner of Facility
Owner's address:

Telephone no.: _____
FAX no.: _____

Telephone no.: _____
FAX no.: _____

Name, title and address of local representative or contact person at the facility (if different than the responsible person), and consultant if consultant used:

Facility Representative

Consultant

Telephone no.: _____
FAX no.: _____

Telephone no.: _____
FAX no.: _____

1. Type of facility or operation (dairy, municipality, mining, etc.): _____

2. Proposed method(s) of treatment, storage, and/or disposal of effluent or leachate (Package plant-lagoon-leachfield, wetlands-infiltration gallery, air stripper-injection well, etc.): _____

Discharge Characteristics

3. Quantity:

- a. Design discharge rate in gallons per day (gpd): _____
- b. Gallons per day computed on an annual basis: _____
- c. Number of days per year facility will be discharging: _____

4. Method used to meter or calculate the discharge rate: _____

5. Flow characteristics. Describe if flow is:

- a. Daily (five or seven days per week) or seasonal (give months): _____
- b. Continuous or intermittent: _____

6. Discharge Quality. List the concentrations of contaminants and toxic pollutants generally associated with the type of facility or operation. The contaminants of concern are those listed in Section 3-103 of the NM Water Quality Control Commission (WQCC) Regulations and total nitrogen (nitrate + total Kjeldahl nitrogen). The toxic pollutants are listed in WQCC Regulation 1-101-1.UU.

Contaminant	Concentration (mg/l)
_____	_____
_____	_____
_____	_____

Location Information

7. Location of discharge site (see Attachment A):
 County: _____
 Township: _____ Range: _____ Section: _____
 Latitude/Longitude: _____

Please provide a copy of a State of New Mexico road map with the property clearly outlined.

8. Location of any water supply wells, injection wells, seeps, springs, bodies of water or water courses within one mile of the outside perimeter of the discharge site. These items must be plotted on a copy of the pertinent USGS topographic map(s) or an aerial photograph. Include the name(s) of the USGS topographic map(s).
9. Give the location of any proposed or existing wells to be used for monitoring the ground water quality.

Well ID	Township	Range	Section
_____	_____	_____	_____
_____	_____	_____	_____

The wells must be located on USGS topographic map(s) or aerial photograph from Item 8.

Ground Water Conditions

10. a. The depth (feet) to ground water below the discharge site:

- b. The flow direction of ground water below the site:

- c. The gradient of the ground water below the site:

- d. Reference or source of information for 10. a, b, c, above:

11. a. The Total Dissolved Solids (TDS) concentration (mg/l) of the ground water: _____
- b. Reference or source of information: _____

Flooding Potential

12. Describe the flooding potential of the discharge site based on the latest Federal Emergency Management Agency flood plain information or site specific analysis: _____
- _____
- _____
13. Describe the methods used to control flooding of the discharge site (berms, diversion channel, etc.): _____
- _____
- _____

Soil and Geologic Information

14. Attach a copy of the USDA Soil Conservation Service soil survey map and descriptive information for soil(s) associated with the discharge site.
15. Describe the lithology and thickness of each geologic unit below the discharge site. Please indicate which units are water bearing. This information may be obtained from driller's logs or geologic reports.

<u>Thickness (feet)</u>	<u>Description</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Operational Plan

16. An operational plan must be attached which describes how the system(s) for the collection, treatment, distribution and disposal of waste waters or other discharges will be operated and maintained.

Contingency Plan

17. A contingency plan must be attached which describes actions to be taken in the event that spills or failures occur or ground water standards are threatened.

Monitoring Plan

18. A monitoring plan must be attached which outlines the proposed sampling point locations (monitoring wells, outfalls, etc.), sampling protocols (bailers, pumps, etc.), sampling frequency (monthly, yearly, etc.), chemical parameters to be analyzed for (TDS, nitrate, etc.), static water levels, discharge rates (gpd), etc.

Closure Plan

19. A closure plan must be attached for system components that are likely to be discontinued during the term of the permit. The closure plan must address the reclamation and post-operational monitoring of ground water at the site, as appropriate. Also the plan shall provide for plugging and abandonment of all monitor wells, after ground water quality meets the WQCC Regulations.

Signature(s)

20. a. I certify that I am the legal owner of the property in which all discharges will occur.

Signature Date

OR b. Enclose a signed copy of the lease agreement between you and the owner of the property on which the proposed discharge will occur. Lease agreement should be valid for the duration of the discharge plan or until the discharge plan is modified.

21. I certify that I am familiar with the information contained in the application and that to the best of my knowledge and belief such information is true, complete and accurate.

Signature of person legally responsible for the discharge Title Date

ATTACHMENT A DETERMINING WELL AND SITE LOCATIONS

USING TOWNSHIP, RANGE AND SECTION

