



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE HOUSE STATION 17 AUGUSTA, MAINE 04333

DEPARTMENT ORDER

IN THE MATTER OF

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| GREAT NORTHERN PAPER INC. |) | SOLID WASTE ORDER |
| MILLINOCKET, PENOBSCOT COUNTY, MAINE |) | PROGRAM APPROVAL |
| SLUDGE UTILIZATION |) | |
| #S-021545-SB-B-M (APPROVAL WITH CONDITIONS) |) | MINOR REVISION |

Pursuant to the provisions of 38 M.R.S.A. Section 1301 et seq. and 06-096 CMR Chapter 567, Rules for Land Application of Sludge and Residuals (effective December 23, 1989), the Department of Environmental Protection (DEP) has considered the application of GREAT NORTHERN PAPER INC. with its supportive data and other related materials on file and FINDS THE FOLLOWING FACTS:

1. APPLICATION SUMMARY

- A. Application: The applicant has applied for a minor revision to Department Order #S-021545-SB-A-N dated August 24, 1995 which approved the utilization of primary and recycled papermill sludge as a soil amendment.
- B. Summary of Revision: The Order included restrictions from stockpiling and storing the sludge for periods of time longer than seven days. At the time of licensing, the applicant anticipated possible odor and/or health effects from sulfur compounds in the sludge. The applicant requests that restriction be changed to allow stockpiling for periods up to 180 days as specified in Chapter 567.

The Order also specified that sludge analysis frequencies would be quarterly or once per 4000 cubic yards utilized for each residual. The applicant requests the frequency be quarterly for each residual.

2. STORAGE

The applicant requests that the period allowed for papermill sludge storage be 180 days as specified in Chapter 567. The applicant has performed several stockpiling trials and monitoring results have shown that no hydrogen sulfide or related problems are created by stockpiling the sludge for long periods. The Department finds that increasing the allowed period for sludge storage to 180 will not cause nuisance or health problems.

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3. MONITORING

The applicant requests that monitoring frequency for nutrients and specified heavy metals (B-1.a parameters) be made quarterly rather than once for each 4000 cubic yards of material utilized. The applicant performed seventeen analyses in 1995 and anticipates the frequency to double with the increase in volume of sludge to be utilized in 1996. Analyses show the primary and recycle sludges are low in pollutants and nutrients and do not vary considerably. The Department finds that quarterly monitoring for nutrients and metals as specified in Chapter 567, Section B-1.a will be adequate to protect ground and surface water and health and welfare.

BASED on the above Findings of Fact, and subject to the Conditions listed below, the Department makes the following CONCLUSION:

As proposed the project will not pollute any water of the state, contaminate the ambient air, constitute a hazard for health or welfare, or create a nuisance.

THEREFORE, the Department APPROVES the above noted application of GREAT NORTHERN PAPER, INC. SUBJECT TO THE ATTACHED CONDITIONS, and all applicable standards and regulations:

1. The Standard conditions of approval, a copy attached as Appendix A.

GREAT NORTHERN PAPER INC. 3 SOLID WASTE ORDER
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2. All other Findings of Fact, Conclusions and Conditions remain as approved in Department Order #S-021545-SB-A-N and are incorporated herein.

DONE AND DATED AT AUGUSTA, MAINE, THIS Twenty First DAY
OF April 1996.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

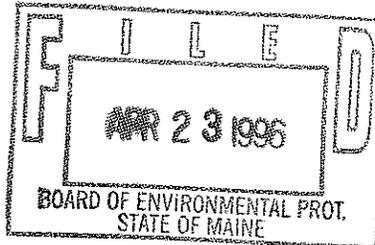
BY: [Signature]
for Edward O. Sullivan, Commissioner

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES.

Date of initial receipt of application: 3/18/96

Date of application acceptance: 3/18/96

Date filed with Board of Environmental Protection:



This Order prepared by Bill Sheehan, Bureau of Remedation & Waste Management.

XBS27333/bs/lhg

Appendix A

SOLID WASTE LICENSE STANDARD CONDITIONS

STRICT CONFORMANCE WITH THE STANDARD AND SPECIAL CONDITIONS OF THIS APPROVAL IS NECESSARY FOR THE PROJECT TO MEET THE STATUTORY CRITERIA FOR APPROVAL. VIOLATIONS OF THE CONDITIONS UNDER WHICH A LICENSE IS ISSUED SHALL CONSTITUTE A VIOLATION OF THAT LICENSE, AGAINST WHICH ENFORCEMENT ACTION MAY BE TAKEN, INCLUDING REVOCATION.

1. This order is dependent upon and limited to the proposals and plans contained in the application and supporting documents submitted and affirmed to by the applicant. Any variation from the plans, proposals and supporting documents is subject to the review and approval of the Board or the Commissioner prior to implementation.
2. The applicant shall secure and comply with all applicable Federal, State and local licenses, permits, authorizations, conditions, agreements, and orders, prior to or during construction and operation as appropriate.
3. The applicant shall submit all reports and information requested by the Board or Department demonstrating that the applicant has complied or will comply with all conditions of this approval. All preconstruction terms and conditions must be met before construction begins.
4. Advertising relating to matters included in this application shall refer to this approval only if it notes that the approval has been granted WITH CONDITIONS, and indicates where copies of those conditions may be obtained.
5. No person shall transfer a license for a solid waste disposal facility without first obtaining Board approval for the transfer of the ownership of the solid waste disposal facility. For a solid waste disposal facility, the Board, at its discretion, may require that the proposed new owner of the facility apply for a new license or may approve the transfer of the existing license upon a satisfactory showing that the new owner can abide by its terms and conditions and comply with the provisions of 38 M.R.S.A. Section 1310-Q. Public notice shall be provided in accordance with Chapter 400.4.D of the Solid Waste Management Rules.
6. If the construction or operation of the activity is not begun within two years, this approval shall lapse and the applicant shall reapply to the Board for a new approval. The applicant may not begin construction or operation of the development until a new approval is granted. Reapplications for approval shall state the reasons why the development was not begun within two years from the granting of the initial approval and the reasons why the applicant will be able to begin the activity within two years from the granting of a new approval, if granted. Reapplications for approval may include information submitted in the initial application by reference.

7. If the approved development is not completed within five years from the date of the granting of approval, the Board may reexamine its approval and impose additional terms or conditions or prescribe other necessary corrective action to respond to significant changes in circumstances which may have occurred during the five-year period.
8. A copy of this approval must be included in or attached to all contract bid specifications for the development.
9. Work done by a contractor pursuant to this approval shall not begin before the contractor has been shown by the developer a copy of this approval.
10. All solid waste disposal facilities are required to accept only solid waste which is subject to recycling and source reduction programs at least as effective as those imposed by State law.
11. No solid waste facility licensee shall knowingly hire as an officer, director or key employee, or knowingly allow to acquire as equity interest or debt liability interest, any person having been found guilty of a felony or of a violation of environmental law or rules without first obtaining the approval of the Board.
12. Whenever any lot of land for solid waste disposal facilities is transferred by deed, the following shall be expressly stated in the deed:
 - a. The type of facility located on the lot and the dates of its establishment and closure.
 - b. A description of the location and the composition, extent, and depth of the waste deposited.

If asbestos-containing waste or asbestos-contaminated waste has been disposed on a site, the location coordinates must be identified (refer to Chapter 405).