

**PULP AND PAPER MILL SLUDGE ANNUAL UTILIZATION REPORT
YEAR _____**

GENERATOR INFORMATION

(Please print clearly)

Name of Generator: _____ Program Approval License: S- _____
Address: _____ e-mail _____
Contact Person: _____ Phone#: _____

SLUDGE PRODUCTION AND UTILIZATION SUMMARY

Complete ALL the following items. If the amount of any item is zero, please write 0.

REPORT AMOUNTS IN	WET TONS,	DRY TONS,	CUBIC YARDS-- PLEASE SPECIFY
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1. Total sludge land applied on agricultural fields in Report Year, in Maine, from sludge produced in Report Year _____
2. Total sludge used in topsoil manufacturing in Report Year, in Maine, from sludge produced in Report Year _____
3. Total sludge delivered to compost facility in Report Year, in Maine, from sludge produced in Report Year _____
NAME/LOC. OF COMPOST FACILITY _____
4. Total sludge used as fuel in Report Year, in Maine, from sludge produced in Report Year _____
5. Total sludge landfilled in Report Year, in Maine, from sludge produced in Report Year _____
6. Total sludge stockpiled in Report Year, in Maine, from sludge produced in Report Year and **not** land applied in Report Year _____
7. Total sludge shipped out-of-state in Report Year from sludge produced in Report Year
OUT-OF-STATE LOCATION _____ USE _____
8. Total sludge for other use in Report Year, in Maine, from sludge produced in Report Year
SPECIFY USE _____
9. **Total sludge produced in Report Year (TOTAL ITEMS 1 through 8, above)** _____
10. Total sludge land applied in Report Year, in Maine, from sludge stockpiled in prior year _____
11. Total sludge used in topsoil manufacturing in Report Year in Maine, from sludge stockpiled in prior year _____
12. Total sludge delivered to compost facility in Report Year, in Maine, from sludge stockpiled in prior year
NAME/LOC. OF COMPOST FACILITY _____
13. Total sludge used as fuel in Report Year, in Maine, from sludge stockpiled in prior year _____
14. Total sludge landfilled in Report Year, in Maine, from sludge stockpiled in prior year _____
15. Total sludge stockpiled in Report Year, in Maine, from sludge stockpiled in prior year _____
16. Total sludge shipped out-of-state in Report Year from sludge stockpiled in prior year
OUT-OF-STATE LOCATION _____ USE _____
17. Total sludge for other use in Report Year, in Maine, from sludge stockpiled in prior year
SPECIFY USE _____

18. **Soil nutrient analysis information:** Prior to land application, soil nutrient analysis must be performed for each individually-licensed site upon which sludge is to be land applied. Complete the attached soil analysis tabulation worksheet for each licensed site upon which sludge was land applied in Report Year. This data must be tabulated for each soil sample unit. Use additional sheets if necessary.

() Check here if question 18 is not applicable. Explain why not applicable _____

19. **Sludge analysis summary:** Complete the attached sludge analysis summary for all analyses performed in Report Year. Use additional sheets if necessary

() Check here if question 19 is not applicable. Explain why not applicable _____

20. **Loading rate:** What is the land application loading rate of your sludge? _____ per acre.
 (Please attach loading rate calculations)

() Check here if question 20 is not applicable. Explain why not applicable _____

21. **Restrictions:** Sites upon which sludges with PCDD/PCDF content in excess of 27 ppt TCDD equivalents are applied have special operation and management restrictions. Do these restrictions apply to any of your sites? Yes _____ No _____

If yes, please explain _____

22. **Site monitoring information:** Do you have the following site monitoring information available for any of your licensed sites, which was not reported on previous annual reports?:

Plant tissue analysis	site _____	year(s) _____
Soil metal analysis	site _____	year(s) _____
Ground water analysis	site _____	year(s) _____
Other (specify) _____	site _____	year(s) _____

23. **Storage information:** Attach a list of sites, amounts and dates for sludge stored at temporary storage sites in Report Year but not land applied in Report Year.

24. **Other Analyses:** Please attach any other analyses obtained, but not sent to the Department, in Report Year.

25. **Analyses Certified.** Maine law, 22 MRSA §567, requires that sample analysis and reporting for Department of Environmental Protection programs must be performed by a Maine-certified laboratory.

Were all sample analyses performed by a Maine-certified laboratory? () Yes () No >>>> Attach explanation.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature: _____

Date: _____

SLUDGE SAMPLE ANALYSES TABULATION - Tgr qt v[gct

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	AVG.
pH													
T.S. %													
TVS %													
TKN													
NH ₄ N %													
NO ₃ N %													
Org. N													
Total Carbon %													
Ca (mg/kg dw)													
Cl (mg/kg dw)													
Mg (mg/kg dw)													
K (mg/kg dw)													
Na (mg/kg dw)													
Avail. P (mg/kg dw)													
Total P (mg/kg dw)													
Aluminum (mg/kg dw)													
Antimony (mg/kg dw)													
Arsenic (mg/kg dw)													
Barium (mg/kg dw)													
Beryllium (mg/kg dw)													
Boron (mg/kg dw)													
Cadmium (mg/kg dw)													
Chromium ((mg/kg dw)													
Cobalt (mg/kg dw)													
Copper (mg/kg dw)													
Cyanide (mg/kg dw)													
Iron (mg/kg dw)													
Lead (mg/kg dw)													
Mercury (mg/kg dw)													
Manganese (mg/kg dw)													
Molybdenum (mg/kg dw)													
Nickel (mg/kg dw)													
Selenium (mg/kg dw)													
Silver (mg/kg dw)													
Thallium (mg/kg dw)													
Vanadium (mg/kg dw)													
Zinc(mg/kg dw)													

