



# Minnesota Pollution Control Agency

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December 14, 1993

Mr. Steve Weimert  
Blue Earth County Ponderosa Landfill  
P.O. Box 3202  
Mankato, Minnesota 56001

Dear Mr. Weimert:

The enclosed May 26, 1993, and October 1, 1993, letters were previously sent to you. The May 26, 1993, letter defined the minor modifications that will be made to existing mixed municipal solid waste landfill permits to bring them into compliance with Federal Rule 40 CFR Part 258. The October 1, 1993, letter provided the effective dates for this rule. The Minnesota Pollution Control Agency (MPCA) has been fully approved to administer this rule by the U.S. Environmental Protection Agency (EPA).

Federal Rule 40 CFR Part 258, is effective on October 9, 1993, for landfills that accept over 100 tons per day and facilities on the national priority list. This equals 120,450 cubic yards per year based on 365 days and 3.3 cubic yards/ton. Your facility received greater than 120,450 cubic yards per year between October 9, 1991, and October 9, 1992, and therefore the effective date for your facility is October 9, 1993.

The following additional requirements are being added to your permit as a minor modification to bring your facility into compliance with Federal Rule 40 CFR Part 258, unless a formal objection is received within the next 14 calendar days.

1. Solid waste must be covered with six inches of earthen material or approved alternate material at the end of each day.
2. Quarterly methane monitoring must be conducted in and around facility structures and on the facility property boundary and the results must be reported in the annual report.
3. There must be a run-on control system for peak discharge from a 25 year storm and run-off control system for a 24 hour, 25 year storm. A facility drainage plan must be submitted by February 1, 1994, which demonstrates compliance with this requirement or identifies a schedule for construction of run-on/run-off control structures.

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4. Routine ground water monitoring must continue in accordance with Minn. Rules pt. 7035.2815 and existing permits. Field filtering of ground water samples is still being evaluated by EPA. The MPCA application and EPA approval will not address this issue until a final decision is made by EPA.
5. When one or more routine monitoring parameters exceed intervention limits at the MPCA compliance boundary, the owner or operator must take actions listed in Minn. Rules pt. 7035.2815, subp. 4.G. If the exceedances are verified, the owner or operator must also initiate assessment monitoring as defined in 40 CFR Part 258.55, based on the following procedures:
  - a. A landfill can initiate assessment monitoring using existing wells at the MPCA compliance boundary or undergo additional expense to install new wells at the 40 CFR Part 258.40 compliance boundary (150 meters from fill area but not outside property boundary). If the 40 CFR Part 258 compliance boundary is used, at least three additional downgradient wells must be proposed in a work plan. At least four rounds of sampling must be conducted at these new wells within six months after well construction, using the MPCA existing routine monitoring parameters, to establish background concentrations. If these new wells exceed intervention limits, assessment monitoring must be conducted on these new wells.
  - b. Assessment monitoring parameters will consist of monitoring the parameters identified in appendix II and parameters not already sampled in appendix I of Federal Rule 40 CFR Part 258, at the upgradient well and at downgradient wells on the compliance boundary. The initial monitoring can be conducted during a routine monitoring event. Assessment sampling must continue once per year until approval is obtained to reduce or delete this additional monitoring. All compounds that are detected during this assessment sampling, based on the practical quantitation limits (PQL) in appendix II, must be sampled during the next four routine monitoring events. An evaluation of this data must be submitted at the completion of this monitoring and further evaluation will be in accordance with 40 CFR Part 258.55.
  - c. Landfills with liners will be allowed to sample the leachate rather than monitoring wells for the appendix I and II parameters to determine which parameters are present in the leachate. This sampling must continue once per year or until approval is obtained to reduce or delete this additional monitoring.

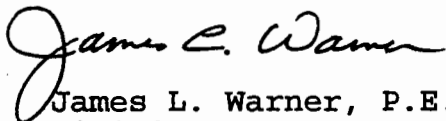
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Those parameters measured above the PQL must then be sampled during the next four routine monitoring events at the upgradient well and at the monitoring wells at the compliance boundary. An evaluation of this data must be submitted at the completion of this monitoring and further evaluation will be in accordance with 40 CFR Part 258.55. A landfill will only qualify for this alternative if the liner is completely covered with mixed municipal waste and the leachate collected accurately represents leachate from mixed municipal waste.

6. When parameters are found exceeding the intervention limits at the compliance boundary, assessment and implementation of corrective actions must be initiated in accordance with Minn. Rules pts. 7035.2615 and 7035.2815, subp. 15 and 40 CFR Part 258.56 to 40 CFR Part 258.58. A public meeting must be held prior to the selection of a corrective action.
7. Within 180 days following completion of a fill area, the final cover must be completed. The MPCA will be able to authorize extensions because of weather conditions.
8. Postclosure care and monitoring must continue for 30 years unless a decreased period can be approved by the MPCA. This requirement must be added to closure plans of landfills that must comply with 40 CFR Part 258.
9. The hardship provision allowed under Minn. Rules pt. 7035.2705, subp. D. will no longer be allowed after April 9, 1995.

If you have any questions on these minor modifications, please contact Lanny Peissig at 612/297-1781.

Sincerely,



James L. Warner, P.E.  
Division Manager  
Ground Water and Solid Waste Division

JLW/dh

Enclosures