

1 Columbus Co. 24-02
1994

1994

041081994

24-02
columns

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary



April 19, 1994

MEMORANDUM

TO: Landfill Operators

FROM: Dexter R. Matthews, Chief
Solid Waste Section

SUBJECT: Recordkeeping Requirements for MSWLFS

This is to remind all MSWLF facility operators that certain elements of transition plans for existing facilities are included in required recordkeeping effective April 9, 1994. These elements and other required records must be kept at the facility and available for inspection by section personnel.

For your convenience, I am enclosing a list of the record keeping requirements for MSW Landfills.

OPERATING RECORD INCLUDES:

1. Outline of waste screening program for detecting and preventing disposal of hazardous waste, liquid waste, P.C.B. waste, and banned items.
2. Records of screening inspections.
3. Outline of training of facility personnel to recognize liquid waste, hazardous waste, P.C.B. waste and banned items.
4. Waste determination records.
5. Amounts by weight of solid waste received at the facility to include source of generation.
6. Gas monitoring results and any remediation plans required. (Recommend written description of monitoring program.)
7. Any demonstration, certification, finding, monitoring, testing, or analytical data required by rules .1630 through .1637 of this section. (see attachment)
8. Any monitoring, testing, or analytical data as required by rule .1627 of this section.
9. Any cost estimates and financial assurance documentation required by Rule .1628 of this section. (see attachment)
10. Any demonstration that a site located within 5,000 ft. of an airport used by only piston powered aircraft or within 10,000 ft. of a runway used by turbine powered aircraft does not pose bird hazard to aircraft as required by rule .1622(1)(C) of this section.

OTHER REQUIRED RECORDKEEPING

1. Contingency Plan.
2. Records required by 40 CFR 61 (asbestos rules).
3. Scrap Tire Certification Forms (scrap tire collection, processing and disposal sites).
4. Operation Plan.
5. Leachate Management Plan .1626(12) (sites with leachate collection system only).

6. Inspection reports of above ground leachate storage tanks (if applicable) .1680(C)(5).
7. Inspection reports of underground leachate storage tanks (if applicable) .1680(D)(5).
8. Records of all monitoring information required by the Permit .1604(2)(K)(ii).

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director



February 18, 1994

Inspection Checklist For Rules .1630 - .1637

- .1631(b)(1) Documentation from the Division of approval for the design, installation, development, and decommission of any monitoring well or piezometer.
- *.1631(d)(2) A copy of the approved monitoring plan, including information on the number, spacing, location, and design of the monitoring wells.
- *.1632(a) A copy of the approved ground-water sampling and analysis plan, including procedures and techniques for: sample collection, sample preservation and shipment, analytical procedures, chain of custody, and quality assurance and quality control.
- *.1632(j) For each sampling event, a report that includes all information from each sampling event, including: field observations, field data, laboratory data, statistical analysis, sampling methodologies, QA/QC data, ground-water flow directions and rates for each monitoring well, and for each well any constituents that exceed groundwater standards or show a statistically significant increase over background levels.
- .1633(c)(1) A notice indicating which constituents have shown statistically significant changes from background levels.
- .1633(c)(3) A report documenting any demonstration that statistically significant increases resulted from error in sampling, analysis, statistical evaluation, or natural variation in ground-water quality or that a source other than a MSWLF unit caused the contamination.

- .1634(d)(1) A notice identifying the Appendix II constituents that have been detected.
- .1634(d)(2) A report from each sampling event.
- .1634(g) A notice if one or more Appendix II constituents are detected at statistically significant levels above the approved ground-water protection standards in any sampling event.
- .1634(g)(2) A report documenting any demonstration that statistically significant increases resulted from error in sampling, analysis, statistical evaluation, or natural variation in ground-water quality or that a source other than a MSWLF unit caused the contamination.
- .1636(a) Any permit modification necessary to document the selection of remedy based on the results of the corrective measures assessment.
- .1637(c)(4) Any report justifying alternative (corrective) measures.
- .1637(f) A report documenting that the (corrective action) remedy has been completed.

NOTE: The need for most of this information is based upon different stages of ground-water investigation and will not be required for all facilities. Initially, all facilities will be responsible for having an approved monitoring plan, .1631(d)(2), an approved sampling and analysis plan, .1632(a), and reports for each sampling event, .1632(j). The monitoring plan and sampling and analysis plan are part of the Transition Plan due by April 9, 1994. The initial sampling report is due by October 9, 1994.

* Initially required

FINANCIAL ASSURANCE CHECKLIST

Cost Estimate For Closure [.1628(b)(1)]

Financial Assurance For Closure (one of the following)

- Trust Fund [.1628(e)(1)(A)]
- Surety Bond [.1628(e)(1)(B)]
- Letter of Credit [.1628(e)(1)(C)]
- Insurance [.1628(e)(1)(D)]
- Local Government Financial Test [.1628(e)(1)(F)]
- Capital Reserve Fund [.1628(e)(1)(I)]

Cost Estimate For Post-Closure Care [.1628(c)(1)]

Financial Assurance For Post-Closure Care (one of the following)

- Trust Fund [.1628(e)(1)(A)]
- Surety Bond [.1628(e)(1)(B)]
- Letter of Credit [.1628(e)(1)(C)]
- Insurance [.1628(e)(1)(D)]
- Local Government Financial Test [.1628(e)(1)(F)]
- Capital Reserve Fund [.1628(e)(1)(I)]