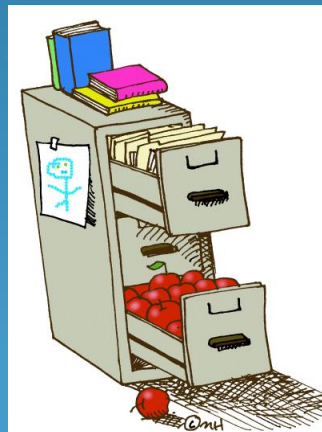


Record Keeping & Reporting

Waste Management & Radiation Control





RECORD KEEPING & REPORTING FOR LANDFILLS

- Required by Law, North Dakota Century Code (NDCC) 23-29 and
- North Dakota Administrative Code (NDAC) 33-20
- Informs Citizens, Regulated Entities, and the Government, so that we may promote environmentally acceptable and economical solid waste management



REPORTING FOR LANDFILLS

- Applicant Shall Publish a Public Notice Indicating that an Application has been Submitted to the Department
- The Public Notice must indicate the type and location of the Unit or Facility and must be made by two separate publications in the Official County Newspaper in which the site or operation is located



REPORTING FOR LANDFILLS

- NDAC 33-20-02.1-04. Record of notice. States in part:
- 1. Within sixty days of the issuance of a permit for any landfill, surface impoundment or land treatment unit if not already completed, the owner or operator shall record a notarized affidavit with the county register of deeds. The affidavit must specify that this facility, as noted in the legal description, is permitted to accept solid waste for disposal.....



REPORTING FOR LANDFILLS

- 2. Within sixty days of completion of final closure of any landfill, surface impoundment or land treatment facility and prior to sale or lease of the property on which the facility is located, the owner shall comply with North Dakota Century Code section 23-29-13. The record or plat shall, in perpetuity, notify any person conducting a title search that the land has been used as a solid waste disposal facility. The record or plat must indicate the types and quantities of solid waste placed in the site and details on the site's construction, operation, or closure (including precautions against any building, earth moving, or tillage on the closed site) that are necessary to ensure the long-term maintenance and integrity of the closed facility....



REPORTING FOR LANDFILLS ACCEPTING TENORM

- NDAC 33-20-11-07*. Record of notice. The records of notice required by section 33-20-02.1-04 shall specify that the landfill is approved to accept TENORM waste. The final record of notice shall indicate the total quantity of TENORM waste disposed in the landfill.
- * - New Requirement



RECORD KEEPING FOR LANDFILLS

- Solid Waste Management Facility may not accept solid waste until the Department has received and approved a report which includes narrative, drawings, and test results to certify that the facility has been constructed in accordance with the approved plans and specifications and as required by the permit



RECORD KEEPING FOR LANDFILLS

- Operating Record – All facilities shall keep an operating record consisting of:
- Permit Preapplication, Permit Application, Amended Permit Application, Site Characterization Plan, Site Demonstrations, Documentation of Training, Plan of Operation, Facility Inspection Logs, Records of Notice, As-built drawings and Certifications, Groundwater Monitoring Plan, all Monitoring Data, and Statistical Interpretations. Records of the Weight or volume of Waste, Closure Plan, Postclosure Plan, Financial Assurance Instruments, Gas Monitoring and Remediation, Annual Reports, Notices of Intent to Close and Completion of Postclosure, Permit and any Modifications



OPERATING RECORD

“The Comprehensive written record of the facility site investigation, design, operation, monitoring and closure.”



OPERATING RECORD

LOCATION

- ❖ Kept at or near ND licensed Facility
- ❖ Reviewed & approved by Health Dept.
- ❖ Should be accessible to all staff



REPORTING FOR LANDFILLS

- Annual Report - includes:
- Name of Facility
- Calendar period covered by the Report
- Annual Quantity for each Category of Solid Waste in Tons or Volume
- Identification of Occurrences and Conditions that Prevented Compliance with the Permit and this Article
- Other items identified in the Facility Plans and Permit

REPORTING FOR LANDFILLS ACCEPTING TENORM

- 33-20-11-05.* Reporting.
- Landfills approved for the disposal of TENORM waste shall file with the department a quarterly summary report stating the date, type, and total quantity by weight in tons, generator, and final disposal facility of each TENORM transferred. Each report shall be filed within thirty days of the end of each quarter. If no transfers of TENORM have been made during the reporting period, the report must so indicate.
- * - New Requirement



REPORTING FOR LANDFILLS

- 33-20-11-02. Prohibition.
- If prohibited TENORM waste is delivered to a landfill for disposal, the waste must be rejected. The owner or operator of the landfill shall note the source, amount, generator, and other identifying information about the rejected waste and shall notify the department within five days of the rejection of such material.

RECORD KEEPING FOR LANDFILLS ACCEPTING TENORM

- 33-20-11-04.* Monitoring. The leachate collection system and groundwater monitoring network shall be analyzed for background concentration of radionuclide parameters prior to receipt of any TENORM waste. Leachate shall be analyzed for radionuclides at the same frequency as groundwater samples are collected. If radionuclides are detected in the leachate at a concentration greater than the concentrations listed below, then the groundwater monitoring network must begin analysis for radionuclide parameters. Radon: 4,000 picocuries per liter (pCi/L). Combined radium-226 and radium-228: 5 pCi/L. Alpha particle activity (including radium-226, excluding radon and uranium): 15 pCi/L. Uranium: 30 micrograms per liter (ug/L).
- * - New Requirement



Reporting

- Operating Report Requirements: In addition to the reports required by rule, the Permittee shall submit progress reports bi-monthly or monthly that include any other information necessary to keep the Department apprised of the facility's operation and compliance with state law and rules, the approved plans and the permit. The reports shall address any additional issues contained in *Guideline 4A – Recordkeeping and Reporting by Owners or Operators of Solid Waste Facilities*.



REPORTING FOR LANDFILLS

- Electronic Reports – Preapplications, Applications, Groundwater Monitoring Reports, Operational Reports, etc.
- * New - Electronic reporting of Sample Results for Waste Characterization data, for Leachate data and related surface water sampling data -
- Electronic format such as excel or CSV or possibly XML



Radioactive Materials Record Keeping & Reporting

- Landfills

- Record Keeping

- Annual Audits of the Radiation Safety Program.
 - Area radiation surveys.
 - Personnel dosimetry records.
 - Records of spills/contamination in or around the facility.
 - Sampling Records.



Radioactive Materials Record Keeping & Reporting

- Landfills

- Reporting

- Quarterly TENORM Waste reports

- http://www.ndhealth.gov/AQ/RAD/Forms/Quarterly_TENORM_Transport_Report.xlsx

- Transfer of control
 - Notification of bankruptcy
 - Notification of site or area closure



Radioactive Materials Record Keeping & Reporting

- Waste Processors/Treating Facilities & Decontamination Facilities
 - Record Keeping
 - Annual Audits of the Radiation Safety Program.
 - Area radiation surveys.
 - Personnel dosimetry records.
 - Records of spills/contamination in or around the facility.
 - Sampling Records.



Radioactive Materials Record Keeping & Reporting

- Waste Processors/Treating Facilities & Decontamination Facilities
 - Reporting
 - Transfer of Control
 - Notification of bankruptcy
 - Notification of site or area closure



Radioactive Materials Record Keeping & Reporting

- TENORM Haulers

- Record Keeping

- Waste Manifests

- Reporting

- Quarterly TENORM waste reports

http://www.ndhealth.gov/AQ/RAD/Forms/Quarterly_TENORM_Transport_Report.xlsx