

## Michigan DEQ NPDES Permit MIGo19000 Record Keeping Requirements

Inspections and Activities	Minimum Frequency	Kept In	Record Form
Emergency volume level reporting	Each event	DEQ	Discharge Reporting Form
Field assessments	Prior to land application	Log/ CNMP	Completed (current)
Soil fertility	Every 3 years	Log/ CNMP	Soil Samples
Field inspections prior	0-48 hours before Application	Log	Field Inspection Sheets
Tile outlets	Prior and after application	Log	
Tiled field inspections after	After 0.5 inch rain	Log	
Land application equipment	Daily during use	Log	Equipment Inspections
Technical standard demos	Prior to land application	Log/ CNMP	MARI & Topographic Maps
Time, date, quantity, method, location and application rate	Kept to date	Log	MSUNM (or paper records)
Expected crop yield	Annually	Log	
Total nitrogen and phosphorus calculations for each field	Annually	Log	
Total nitrogen and phosphorus applied to each field	Kept to date	Log	
Land application weather conditions	Each occurrence	Log	
Printout of weather forecasts (may use electronic storage)	Prior to application	Log	GFSX MOS Forecasts NWS.NOAA.GOV
Waste nutrient levels, analytical methods, basis for land application rates	Annually	Log	Manure Samples
Waste storage structures	Weekly	CNMP	Weekly Storage Inspections
Minimum 6 months operational volume	Once per year in November - December	CNMP	Weekly Storage Inspections
Waste handling equipment	Daily during use	CNMP	Equipment Inspections
Manifest	Prior to transfer of waste	CNMP	CAFO Waste Manifest
Mortality management	Kept to date	CNMP	
Water line inspections	Daily	CNMP	Daily water-line inspection
Clean storm water and floodwater diversions	Weekly	CNMP	Clean water diversion inspections

### Records Only

Waste storage design volume	Kept up to date with any storage changes and/or modifications	CNMP& Farm	Waste Storage Structure As-Built Plans & Operations and Maintenance Program
Waste storage structural design		CNMP& Farm	
Storage structure O & M		CNMP& Farm	
CNMP	Reviewed Annually and Updated every three years	DEQ	
Annual report	April 1 of each year	DEQ	
CNMP revisions	Within 90 days of revision	DEQ	
All discharges to surface waters	Each discharge	DEQ	Discharge Reporting Form
Closing structures	Not Applicable	DEQ	
Facility contact	Within 10 days of change	DEQ	
Authorized discharge monitoring	4 times daily during discharge	DEQ	Discharge Reporting Form