

**Biosolids Land Application Facility Annual Report**

**Section 1**  
**Owner/ Facility Information**

**Biosolids Source:**

POTW Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

County: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Tel: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Land Application Site:**

Owner: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

County: \_\_\_\_\_

DEC Region ( 1-9 ): \_\_\_\_\_ DEC Facility Code ( e.g. 99L12 ): \_\_\_\_\_

Permit Expiration Date: \_\_\_\_\_

**This report covers the period from \_\_\_\_\_ to \_\_\_\_\_**

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### Section 2 Biosolids Analyses

Copies of original laboratory results must be attached.  
All results, except pH and Total Solids, must be on a dry weight basis.

Analysis Date ==>>>							Avg.
Arsenic (mg/kg)							
Cadmium (mg/kg)							
Chromium (mg/kg)							
Copper (mg/kg)							
Lead (mg/kg)							
Mercury (mg/kg)							
Molybdenum (mg/kg)							
Nickel (mg/kg)							
Selenium (mg/kg)							
Zinc (mg/kg)							
TKN (mg/kg)							
Ammonia Nitrogen (mg/kg)							
Nitrate (mg/kg)							
Total Phosphorus (mg/kg)							
Total Potassium (mg/kg)							
pH (s.u.)							
Total Solids( %)							
Total Volatile Solids (%)							

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**Section 3**  
**Soil Analyses**

**Site Name and Field Number:** \_\_\_\_\_

Copies of original laboratory results must be attached.  
All results, except pH and Total Solids, must be on a dry weight basis.

<b>Analysis Date ==&gt;</b>							<b>Avg.</b>
Arsenic (mg/kg)							
Cadmium (mg/kg)							
Chromium (mg/kg)							
Copper (mg/kg)							
Lead (mg/kg)							
Mercury (mg/kg)							
Molybdenum (mg/kg)							
Nickel (mg/kg)							
Selenium (mg/kg)							
Zinc (mg/kg)							
pH (s.u.)							

**Section 4**  
**Summary of Application Information**

Total Biosolids Land Applied This Year: \_\_\_\_\_ dry tons  
Total Acres Land Applied: \_\_\_\_\_ acres  
Total Biosolids Landfilled This Year: \_\_\_\_\_ dry tons

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### Section 5

#### Field Application Rates

( Complete one copy for each field used )

Site Owner: \_\_\_\_\_ Field Number: \_\_\_\_\_ Field Size: \_\_\_\_\_ Acres

Biosolids Applied: \_\_\_\_\_ dry tons Application Rate: \_\_\_\_\_ dry tons/acre

Crop Grown: \_\_\_\_\_ Remaining Site Life: \_\_\_\_\_ years

Dates Applied (List All Applications)	Biosolids Applied (dry tons)	Application Rate (dry tons/acre)

Loading Parameters	Loading Rates *	
	Current Year	Cumulative
Hydraulic (gals/acre)		
Available Nitrogen (lbs/acre)		
Phosphorus (lbs/acre)		
Potassium (lbs/acre)		
Cadmium (lbs/acre)		
Chromium (lbs/acre)		
Copper (lbs/acre)		
Lead (lbs/acre)		
Nickel (lbs/acre)		
Zinc (lbs/acre)		

\* Attach calculations to support values in the table.

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**Section 6**

**Next Year's Proposed Quantities and Application Rates**

(Complete one copy for each field that will be used)

Site Owner: \_\_\_\_\_ Field Number: \_\_\_\_\_ Field Size: \_\_\_\_\_ Acres

Biosolids to be Applied: \_\_\_\_\_ dry tons

Proposed Application Rate: \_\_\_\_\_ dry tons/acre

Crop To Be Grown: \_\_\_\_\_

Attach calculations to support proposed application rate.

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**Section 7**

**Pathogen Reduction / Vector Attraction Reduction**

Check one method for each:

**Pathogen Reduction**  
**Class B**

- Anaerobic Digestion 15 days 35 °C  
or 60 days 20-35 °C
- Aerobic Digestion 40 days 20 °C  
or 60 days 15-20 °C
- Fecal Coliform < 2,000,000 MPN
- Air Drying
- Composting 5 days 40 °C
- pH raised to 12 for 2 hours
- Other: \_\_\_\_\_

**Vector Attraction Reduction**

- 38 % Volatile Solids Reduction
- Incorporation within 6 hrs
- Subsurface injection
- pH raised to 12 for 2 hours,  
11.5 for 22 hours
- Aerobic Process 14 days 40 °C,  
average 45 °C
- 75 % solids
- 90 % solids (untreated solids)
- Other: \_\_\_\_\_

**Attach operating and monitoring data to show compliance with methods chosen.**

