**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

NOTIFICATION OF CERTAIN CLASS A or CLASS AB LAND APPLICATION ACTIVITIES

1. Name of Biosolids Generator if in state or Name of Operator : enter generator name here
2. Mailing Address: enter mailing address here

City, State, and Zip Code: enter city, state, and zip code here

1. Telephone Number: enter telephone number here
2. For corporations:
3. Provide the Charter or Certificate Number on file with the Texas Secretary of State: enter charter or certificate number here
4. Provide the Tax Identification Number: enter tax I.D. here
5. List all points of generation and wastewater treatment facility identification including name, location, and TCEQ permit number. Enter generator name, location, and permit number here
6. Provide a general description of the end uses proposed by persons who will be receiving the biosolids: enter description of end uses here
7. Provide the methods of distribution, marketing, handling, and transportation of the biosolids: enter methods of distribution, handling, marketing, and transportation here
8. Provide a reasonable estimate of the expected annual quantity of biosolids to be generated or handled by the generator: enter estimated quantity here
9. Describe the methods of Class A or Class AB Pathogen Reduction Requirements used in 30 TAC 312.82(a): enter method of pathogen reduction here
10. Describe the method of Vector Attraction Reduction Requirement used in 30 TAC 312.83(b)(1-8): enter method of vector attraction reduction here
11. Attachments: Provide the following attachments to this application.
	1. Analysis reports. Attach wastewater treatment plant biosolids analysis reports per guidelines in Appendix A of this application form. Provide all laboratory reports for all required tests including the Laboratory Quality Assurance/Quality Control (QA/QC) sheets.
	2. Provide a Toxicity Characteristic Leaching Procedure analysis that is conducted within five years which follows the methods specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (See Appendix B). Another method, which receives the prior approval of the TCEQ for the contaminants listed in Table 1 of 40 CFR Section 261.24 is also acceptable.
	3. Provide lab analysis verifying pathogen reduction, including the frequency of testing.
	4. Provide lab analysis verifying vector reduction criteria have been met, including the frequency of testing.
	5. Out of State generators. For each biosolids source that is generated out of state, attach a copy of the permit.
	6. Recipients. For each person who is going to receive the biosolids directly from the generator, provide the name, address, telephone number, county name, the longitude and latitude, the number of acres for each site.
	7. Adverse Weather and Alternative Plan. Describe in detail the procedures to address times when the biosolids cannot be applied to the land application site due to adverse weather or other conditions such as wind, precipitation, field preparation delays, and access road limitations.
	8. If biosolids are planned to be stored at a land application site, provide all items required in 30 TAC 312.50.

**I certify that all laboratory tests submitted with this application meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.**

Printed Name: enter printed name here

This is the end of the application form. Instructions begin on the next page, followed by Appendix A and Appendix B.

Signature (use blue ink): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Attachment 1**

**Individual Information**

Complete this attachment if the s generator or operator is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): Click here to enter text.

Full Legal Name, including middle name: Click here to enter text.

Driver's License or State Identification Number: Click here to enter text.

State that Issued the License or Identification Number: Click here to enter text.

Date of Birth: Click here to enter text.

Mailing Address: Click here to enter text.

City, State, and Zip Code: Click here to enter text.

Phone Number: Click here to enter text. Fax Number: Click here to enter text.

E-mail Address: Click here to enter text.

For TCEQ Use Only

Customer Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Regulated Entity Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Permit Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

INSTRUCTIONS FOR NOTIFICATION OF CERTAIN CLASS A OR CLASS AB LAND APPLICATION ACTIVITIES

# GENERAL INFORMATION

1. This form must be used by persons to notify the TCEQ of certain land application activities of Class A or Class AB biosolids under the provisions of 30 Texas Administrative Code (TAC) Chapter 312. This application must be submitted by the generator of biosolids, in accordance with 30 TAC 312.4(b) before activities may be conducted under these rules regarding land application of Class A or Class AB biosolids.
2. This application form has been designed to solicit specific information, with reports to be attached. A response must be provided for each informational request in the instructions and each item in the application form. All information included in the application must be listed by the format of the application. For example, if a technical report is attached to the application, then each subsection of the technical report must correlate with the corresponding subsection in the application form. Each report should be attached behind the summary form for the report and submitted as one document. Maps and blueprints that cannot be folded to 8 1/2" x 11" may be submitted as separate documents. Each application is an independent document and must include all supporting information exclusive of any prior application. Falsification of any information is justification for denial of the application, fine or imprisonment in accordance with 30 TAC 305.44.
3. The original application and attachments, plus two complete copies shall be mailed to:

Texas Commission on Environmental Quality

Water Quality Applications Review and Processing Team (MC 148)

P.O. Box 13087

Austin, Texas 78711-3087

1. Type or print legibly and complete all sections that apply or indicate not applicable for items that don't apply to your application and explain. Failure to submit the required number of originals or copies, or to provide complete information, will delay processing the application.

# PROCEDURAL INFORMATION

1. The Executive Director's staff will review the application for completeness of information. An applicant may be requested to submit additional information to complete or clarify questions concerning the applicant's submittal. The failure of an applicant to complete an application may result in the return of the application. Following review of the application and comments received in response to the application, staff will forward the application to the Water Quality Assessment Section Manager of the Water Quality Division for review and action.

2. Action Following Filing of an Application with the Texas Commission on Environmental Quality:

Thirty days after the notification has occurred, the activities applicable to this notification may commence unless the Executive Director determines that the proposed activities do not meet the requirements.

All inquiries and requests for assistance should be directed to the TCEQ Land Application Team at 512-239-4671.

This is the end of the instructions. Appendix A

Appendix A

Biosolids Testing Information

Testing Parameters must be conducted on a dry weight basis.

For each facility listed as a biosolids source, the biosolids must be analyzed for Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, and Zinc. These tests are used to verify that the biosolids do not exceed the maximum concentrations listed below. All tests shall be conducted in accordance with Test Method SW - 846 (in Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Second and Third Editions or most recent revisions).

Test parameters and maximum concentrations:

* Arsenic: 41 mg/kg
* Cadmium: 39 mg/kg
* Chromium: 1200 mg/kg
* Copper: 1500 mg/kg
* Lead: 300 mg/kg
* Mercury 17 mg/kg
* Molybdenum: Monitor only
* Nickel: 420 mg/kg
* Selenium: 36 mg/kg
* Zinc: 2800 mg/kg

All laboratory tests performed must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification with the following general exemptions:

1. The laboratory is an in-house laboratory and is:
* periodically inspected by the TCEQ; or
* located in another state and is accredited or inspected by that state; or
* performing work for another company with a unit located in the same site; or
* performing pro bono work for a governmental agency or charitable organization.
1. The laboratory is accredited under federal law.
2. The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
3. The laboratory supplies data for which the TCEQ does not offer accreditation.

This is the end of Appendix A. Appendix B

**APPENDIX B**

**Toxicity Characteristic Leaching Procedure (TCLP) Regulatory Levels**

|  |  |  |  |
| --- | --- | --- | --- |
| **METALS** | **TCLP Regulatory Level, mg/L** | **EPA Hazardous Waste Number** | **Recommended Test Method** |
| Arsenic | 5.0 | D004 | 7061 |
| Barium | 100.0 | D005 | 7080 |
| Cadmium | 1.0 | D006 | 7130 |
| Chromium | 5.0 | D007 | 7190 |
| Lead | 5.0 | D008 | 7420 |
| Mercury | 0.2 | D009 | 7471 |
| Selenium | 1.0 | D010 | 7741 |
| Silver | 5.0 | D011 | 7760 |

|  |  |  |  |
| --- | --- | --- | --- |
| **VOLATILE ORGANICS** | **TCLP Regulatory Level, mg/L** | **EPA Hazardous Waste Number** | **Recommended Test Method** |
| Benzene | 0.5 | D018 | 8260B |
| Carbon Tetrachloride | 0.5 | D019 | 8260B |
| Chlorobenzene | 100.0 | D021 | 8260B |
| Chloroform | 6.0 | D022 | 8260B |
| 1,4-Dichlorobenzene | 7.5 | D027 | 8260B |
| 1,2-Dichloroethane | 0.5 | D028 | 8260B |
| 1,1-Dichloroethylene | 0.7 | D029 | 8260B |
| Methyl Ethyl Ketone | 200.0 | D035 | 8260B |
| Tetrachloroethylene | 0.7 | D039 | 8260B |
| Trichloroethylene | 0.5 | D040 | 8260B |
| Vinyl Chloride | 0.2 | D043 | 8260B |

|  |  |  |  |
| --- | --- | --- | --- |
| **SEMIVOLATILE ORGANICS** | **TCLP Regulatory Level, mg/L** | **EPA Hazardous Waste Number** | **Recommended Test Method** |
| o-Cresol \* | 200 | D023 | 8270C |
| m-Cresol \* | 200 | D024 | 8270C |
| p-Cresol \* | 200 | D025 | 8270C |
| Cresol \* | 200 | D026 | 8270C |
| 2,4-Dinitrotoluene | 0.13 | D030 | 8270C |
| Hexachlorobenzene | 0.13 | D032 | 8270C |
| Hexachlorobutadiene | 0.5 | D033 | 8270C |
| Hexachloroethane | 3.0 | D034 | 8270C |
| Nitrobenzene | 2.0 | D036 | 8270C |
| Pentachlorophenol | 100.0 | D037 | 8270C |
| Pyridine | 5.0 | D038 | 8270C |
| 2,4,5-Trichlorophenol | 400.0 | D041 | 8270C |
| 2,4,6-Trichlorophenol | 2.0 | D042 | 8270C |

|  |  |  |  |
| --- | --- | --- | --- |
| **ORGANOCHLORINE PESTICIDES** | **TCLP Regulatory Level, mg/L** | **EPA Hazardous Waste Number** | **Recommended Test Method** |
| Chlordane | 0.03 | D020 | 8081A |
| Endrin | 0.02 | D012 | 8081A |
| Heptachlor (and its Epoxide) | 0.008 | D031 | 8081A |
| Lindane | 0.4 | D013 | 8081A |
| Methoxychlor | 10.0 | D014 | 8081A |
| Toxaphene | 0.5 | D015 | 8081A |

|  |  |  |  |
| --- | --- | --- | --- |
| **CHLOROPHENOXY ACID HERBICIDES** | **TCLP Regulatory Level, mg/L** | **EPA Hazardous Waste Number** | **Recommended Test Method** |
| 2,4-D | 10.0 | D016 | 8150 |
| 2,4,5-TP (Silvex) | 1.0 | D017 | 8150 |

\* If o-, m-, and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used.

Reference: 40 CFR 261, Appendix II, 1993 ed., as amended by 58 FR 46040, August 31, 1993.