Iowa Department of Natural Resources

Solid Waste Land Application Individual Permit Application Form

Land application of waste at a rate that does not exceed two dry tons per acre per year and that meets the requirements of 567—102.103(455B), 567—102.104(455B), and 567—102.105(455B) may be land applied in accordance with 567-102.106(455B). Before the initial land application, the applicator must notify the department in writing.

Solid Waste Generator Name: _____ Phone: _____

Address: _____ City, State, Zip: _____

Email: _____

Physical Location of Generating Facility:

Address: _____ City, State, Zip: _____

Responsible Official Name: _____ Phone: _____

Address: _____ City, State, Zip: _____

Email: _____

Consultant Name (if any): _____ Phone: _____

Address: _____ City, State, Zip: _____

Email: _____

Landowner Name: _____ Phone: _____

Address: _____ City, State, Zip: _____

Email: _____

Legal description of the application site including township and county: _____

Number of acres _____

Does the material to be land applied contain free liquids[1]? ☐ Yes ☐ No

If the material is a sludge, is it generated by a:

- ☐ Commercial or industrial wastewater treatment facility
- ☐ Water supply treatment facility
- ☐ Air pollution control facility
- ☐ Other; Please elaborate: _____

Expected weight (tons) of solid waste or industrial sludge to be land applied per year at this site: _____

Expected application rate (dry tons/acre): _____

[1] The presence of free liquids is determined by the paint filter test. The paint filter test is done by placing a 100-milliliter or 100-gram representative sample of the material into a standard mesh number 60 (fine mesh size) conical paint filter for five minutes. Any free liquid visible below the funnel indicates sample failure.

The following items must be attached. If the permit is being renewed and there is no change from what was submitted with previous applications, the Doc Id# may be listed in lieu of resubmitting the document. Analytical results and a cost closure estimate (for facilities storing material at the application sites) must be submitted with each renewal. Checking the appropriate boxes below certifies that the documents submitted in conjunction with this application form are complete and in compliance with the applicable chapters of Iowa Administrative Code. If an application is found by the DNR to be incomplete, it may be denied and returned to the applicant.

Required Documents		Attached or Doc Id#	
Executive Summary *(permit renewals only)* • Summary of each special provision of the current permit to determine if it is to remain the same, be revised or be removed. • Summary of each permit amendment, if any, that occurred during the current permit cycle to determine if it shall be included with the renewed permit, be revised or be removed. • Provide documentation and certification as required for new permit amendment requests and new variance requests from Iowa Administrative Code, if any.			NA
Description of the material including source, quantity and method of treatment prior to land application	567 IAC 102.107(1)"b"	☐	
Description of the land application process, including method of application, when application will take place, and equipment to be used	567 IAC 102.107(1)"e"	☐	
Analytical results	567 IAC 102.107(1)"d"	☐	NA
Site Closure Plan	567 IAC 100.10	☐	
Proof of financial assurance and closure cost estimate (only if material will be stored at application sites or at a consolidation point)	567 IAC 102.108	☐	NA
Table of land application sites. Include the following for each application site: • Site ID • County and township • Legal description of site • Acres eligible for land application • Name of landowner	567 IAC 102.107(1)"f"	☐	
For each <u>new</u> application site, include the following:	567 IAC 102.107(1)"g"		
Aerial photo of each site showing the following: • The specific area where the material will be applied • Buildings, lakes, ponds, watercourses, wetlands, dry runs, rock outcroppings, roads, and other applicable details. • location of wells within 500 feet of the site		☐	NA
Soil map		☐	NA
Water table levels		☐	NA
Proof of ownership or legal entitlement to use the site (agreement with the land owner)		☐	NA

Notification Checklist

Attach the following items:

- ☐ A description of the waste including the process to generate it.
- ☐ Chemical analysis showing compliance with 102.103(2).
- ☐ Aerial photo with the site outlined and any areas ineligible for land application marked off.

Certification

I certify under penalty of law that I am the owner, operator, or authorized representative of the owner or operator and that I have examined and am familiar with the information reported above, and that I believe the information is true, accurate and complete.

Signature of Responsible Official: _____ Date: _____

Printed Name: _____ Title: _____

Send completed notification with attached information to Becky.Jolly@dnr.iowa.gov, or:

Iowa Department of Natural Resources
Solid Waste and Contaminated Sites Section
6200 Park Ave Ste 200
Des Moines, IA 50321

For questions concerning this application please contact Theresa Stiner at 515-721-7979 or Theresa.Stiner@dnr.iowa.gov.