FOR OHIO EPA USE
FACILITY ID: _____

EMISSIONS ACTIVITY CATEGORY FORM
FLY/BOTTOM ASH DISPOSAL

This form is to be completed for each fly ash or bottom ash disposal operation. State/Federal regulations which may apply to fly ash or bottom ash disposal operations are listed in the instructions. Note that there may be other regulations which apply to this emissions unit which are not included in this list.

Note: this emissions activity category (EAC) form does not include roadways and parking areas and storage piles which may also be associated with a fly ash or bottom ash disposal facility. Therefore, additional EAC forms for those emissions units may need to be submitted.

1. Reason this form is being submitted (Check one)

❒ New Permit ❒ Renewal or Modification of Air Permit Number(s) (e.g. F001)_____

2. Maximum Operating Schedule: _____hours per day; _____days per year

If the schedule is less than 24 hours/day or 365 days/year, what limits the schedule to less than maximum? See instructions for examples. _____

3. Identify the maximum quantity of each type of ash to be disposed of per year.

❒ Bottom ash (other than from municipal waste burning) _____ tons/yr

❒ Fly ash _____ tons/yr

❒ Bottom ash (from municipal waste burning) _____ tons/yr

❒ Other, specify _____ tons/yr

4. Method of transfer of fly ash and bottom ash to the disposal site:

❒ Slurried with water and pumped to disposal pond

❒ Collected dry and trucked to a disposal area

❒ Other, specify: _____

_____

5. Maximum total quantity of ash proposed to be disposed of per year (only for dry ash handling systems): _____ tons/yr

6. ASH TRANSFER TO DISPOSAL SITE: CONTROL METHODS

Enclosure and/or Operating Practices (describe)	Chemical Stabilization	Application Frequency	Overall Control Eff. (%)	Basis for Overall Load-in Control Efficiency
	❒ water ❒ dust suppressant ❒ other:			
	❒ water ❒ dust suppressant ❒ other:			

7. WIND EROSION AT DISPOSAL SITE: CONTROL METHODS

Enclosure and/or Operating Practices (describe)	Chemical Stabilization (check one or more)	Application Frequency	Overall Control Eff. (%)	Basis for Overall Wind Erosion Control Efficiency
	❒ water ❒ crusting agents ❒ other:			
	❒ water ❒ crusting agents ❒ other:			

8. ASH REMOVAL FROM DISPOSAL SITE: CONTROL METHODS

Enclosure and/or Operating Practices (describe)	Chemical Stabilization	Application Frequency	Overall Control Eff. (%)	Basis for Overall Load-out Control Efficiency
	❒ water ❒ dust suppressant ❒ other:			
	❒ water ❒ dust suppressant ❒ other:			

INSTRUCTIONS FOR COMPLETION OF THE EMISSIONS ACTIVITY CATEGORY FORM FOR FLY/BOTTOM ASH DISPOSAL

GENERAL INSTRUCTIONS:

Complete this form for ash disposal activities which include load-in to the disposal area, wind erosion from the surface of the disposal area, and load-out from the disposal area. Vehicular traffic associated with these activities should be covered by the form "Roadways and Parking Areas." Also, any transfer of material prior to loading into the pile or after loading out of the pile should be covered by the form "Material Handling."

Provide complete responses to all applicable questions. If an item does not apply to the emissions unit, write in "Not Applicable" or "NA." If the answer is not known, write in "Not Known" or "NK." If you need assistance in understanding a question after reading the instructions below, contact your Ohio EPA District Office or Local Air Agency for assistance. Submittal of an incomplete application will delay application review and processing. In addition, the application may be returned as incomplete if all applicable questions are not answered appropriately.

APPLICABLE REGULATIONS:

The following State and Federal Regulations may be applicable to fly and bottom ash disposal. Note that there may be other regulations which apply to this emissions unit which are not included in this list.

Federal: 40 CFR 60, (NSPS) Subparts A, WWW
40 CFR 63, (MACT) Subparts A, AAAA

State: Ohio Administrative Code (OAC) 3745-31-02 (Permit to Install)
3745-35-02 (Permit to Operate)
3745-17-07 (Visible particulate emissions from stationary sources)
3745-17-08 (Fugitive dust)

If you would like a copy of these regulations, contact your Ohio EPA District Office or Local Air Agency. State regulations may also be viewed and downloaded from the Ohio EPA website at http://www.epa.state.oh.us/dapc/regs/regs.html. Federal regulations may be viewed and downloaded at http://www.epa.gov/docs/epacfr40/chapt-I.info/subch-C.htm.

CALCULATING EMISSIONS:

The emissions from the storage pile activities may be estimated using the information from sections 13.2.4 and 13.2.5 of AP-42, Compilation of Air Pollutant Emission Factors, Fifth Edition, Volume I, available from the following website: http://www.epa.gov/ttn/chief/ap42/index.html.

SPECIFIC INSTRUCTIONS:

1. Indicate whether this is an application for a new permit or an application for permit renewal. If applying for a permit renewal, provide the 4-character OEPA emissions unit identification number.

2. Provide the maximum number of hours per day and days per year the storage pile activities are expected to operate. The following are examples of why the maximum number of hours per day may be less than 24 or the maximum number of days per year may be less than 365 (this list is not all-inclusive):

- The facility can only operate during daylight hours.
- The process can only operate within a certain range of ambient temperatures.
- The process is limited by another operation (i.e., a bottleneck).

3. Enter the maximum quantity of ash by category to be disposed of (in tons per year) at the disposal site.

4. Identify the method of transfer to the disposal site.

5. Provide the maximum total quantity of ash proposed to be disposed of per year that originates from any dry ash handling system.

6.-8. Control Methods for ash transfer to disposal site, wind erosion at disposal site, and ash removal from disposal site: For each type of activity, describe any enclosure and/or operating practice used to minimize fugitive dust emissions. Identify the appropriate control methods, control efficiencies and the basis (e.g., AP-42, Ohio EPA RACM guide, or other source) for the efficiencies. Complete the remainder of the control method section with details of control methods used, as requested.

If further assistance in completing this form is needed, contact the Ohio EPA District Office or Local Air Agency with jurisdiction in the area the emissions unit will be or is operating.