PSD APPLICATION CHECKLIST

(Review and submit with each PSD application)

I. Pre-Application Submittal Requirements

- ☐ **Initial call made to Department to schedule Pre-Application Meeting and discuss application requirements**
- ☐ **Form AF: Construction Permit Application Fee**
  - ☐ Form AF signed by applicant
- ☐ **Dispersion modeling protocol was submitted to the Department**
  - ☐ Dispersion Modeling Protocol accepted by Department
- ☐ **Pre-construction monitoring was submitted to the Department**
  - ☐ Pre-construction monitoring accepted by Department
  - ☐ Request made to waive pre-construction monitoring, if applicable (Pre-construction monitoring may only be waived if predicted concentrations are below the applicable monitoring de minimus levels)
- ☐ **Determined if any support facilities and/or facilities under common control are associated with the facility where project is proposed**
  - ☐ Documentation to support decision was provided
- ☐ **Soils and Vegetation Inventory Completed**
- ☐ **PSD Pre-Application Meeting with Department Representatives**

II. Required Application Forms

Fill out all application forms as directed by the individual form instructions

- ☐ **FI: Facility Information**
  - ☐ Form FI signed by responsible official
- ☐ **AF: Construction Permit Application Fee (only submit if not submitted at time of Pre-Application Meeting Request)**
  - ☐ Form AF signed by applicant
- ☐ **CP: Application Cover Page**
- ☐ **EU through EU5: Emission Unit Information (one form required for each emission unit)**
  - ☐ Include all new and modified emission units. Remember to include ancillary units, such as emergency generators and fire pumps, blackstart engines, cooling towers, painting and solvent cleaning, VOC storage containers, storage piles, material handling, haul roads, etc.
- ☐ **CE, through CE6: Control Equipment (one form required for each emission point or indoor venting emission unit)**
- ☐ **EP: Emission Point (Stack/Vent Information) include all emissions including fugitive sources, exempt units, and indoor venting**
- ☐ **EC: Emission Calculations (one form required for each emission point or indoor venting emission unit)**

- ☐ **EI: Facility Emission Inventory (includes all emissions from fugitive sources, exempt units, indoor venting emission units and new and/or modified emissions units within the previous five years)**
- ☐ **MI-1: Modeling Information Plot Plan**
- ☐ **MI-2: Modeling Information Emission Point Characteristics (include all emissions from fugitive sources, exempt units, indoor venting units and new and modified emissions units)**
- ☐ **GHG: Greenhouse Gas Information**

III. Emission Increases for the Project

- ☐ **All associated emission increases were included in the calculated net emissions increases for each pollutant including emission increases due to:**
  - ☐ Debottlenecked emission units
  - ☐ Increased utilization of emission units
  - ☐ Fugitive emissions
- ☐ **All emission increases at any support facilities and/or facilities under common control were included in the project's net emissions increase**
- ☐ **Documentation supporting emission calculations (e.g. engineering estimates, stack test results, etc.) were included with the application**

Check the pollutants that have a "significant" net emission increase, for this project:

	Pollutant	**"Significant" Net Emission Increase**
☐	Particulate matter (PM)	> 24.4 tpy
☐	PM_{10}	> 14.4 tpy
☐	$PM_{2.5}$	>9.4 tpy
☐	Sulfur dioxide (SO_2)	> 39.4 tpy
☐	Nitrogen oxides (NO_X)	> 39.4 tpy
☐	Ozone (Volatile organic compounds [VOC])	> 39.4 tpy
☐	Carbon Monoxide (CO)	> 99.4 tpy
☐	Lead (elemental)	> 0.54 tpy
☐	Fluorides	> 2.4 tpy
☐	Sulfuric acid mist	> 6.4 tpy
☐	Total reduced sulfur compounds (including H_2S)	> 9.4 tpy
☐	Stratospheric Ozone Protection Class I substances (See Appendix A 40 CFR 82)	> 0 tpy
☐	Stratospheric Ozone Protection Class II substances (See Appendix B 40 CFR 82)	> 0 tpy
☐	Municipal Waste Combustor (MWC) acid gases	> 39.4 tpy
☐	MWC metals	> 14.4 tpy
☐	MWC Organics	> 3.44×10^{-6} tpy
☐	Opacity – Visible Emissions	

IV. BACT Analysis

- ☐ **A "top-down" BACT analysis was performed for each new or modified emission unit that is a source of each pollutant that has a "significant" net emission increase.**

- ☐ Submitted documentation supporting each BACT analysis

V. Dispersion Modeling Analysis

- ☐ **Potential ozone plumes were evaluated for projects with VOC emissions over 100 tons per year.**
- ☐ **Determined if modeled concentrations of any PSD pollutant were above the applicable modeling significance level (MSL).**
  - ☐ If yes, full impact analyses were conducted to evaluate compliance with the NAAQS and PSD Increment values.
  - ☐ Documentation for the source inventories used for NAAQS and PSD increment in the full impact analyses was provided.
- ☐ **Electronic files associated with all applicable modeling analyses (including modeling significance levels and full impact analyses) on appropriate media (i.e. CD or other means as arranged `).**

VI. Additional Impacts Analysis

- ☐ **A Class I visibility impacts analysis was completed.**
- ☐ **Potential impacts on endangered or sensitive species located in Class I areas that may be affected by the proposed project were evaluated if applicable, and all necessary documentation is included with the application.**
- ☐ **A Class II visibility impacts analysis was completed.**
  - ☐ A hard copy of the VISCREEN output is included with the application.
  - ☐ VISCREEN input and output files are provided on appropriate media (i.e. CD or diskette).
- ☐ **Impacts on soils and vegetation were considered, including impacts of NOx over short-term periods and the combined impact of NOx in conjunction with SO2.**
  - ☐ Soils and Vegetation Inventory was submitted for vegetation of both commercial and recreational value.
  - ☐ Impacts on Soils and Vegetation was submitted for vegetation of both commercial and recreational value.
- ☐ **An air quality analysis for associated growth from the proposed project was conducted, if applicable, and all necessary documentation is included with the application**

VII. Proposed Permit Conditions

Is the facility proposing any of the following permit conditions:

- ☐ **Emission limits (including applicable averaging periods)**
- ☐ **Test methods**
- ☐ **Compliance demonstration methods**
- ☐ **Monitoring requirements for all averaging periods**
- ☐ **Recordkeeping requirements for all averaging periods**

VIII. Miscellaneous

- ☐ **Submitted four copies of the entire application (five copies of the entire application are necessary if the facility is locating in Linn or Polk County)**