

SUPPLEMENTAL INFORMATION: GRAIN PROCESSING

Submit the following information with your application for an Authority to Construct:

1. DESCRIPTION OF PROCESS AND PROCESS EQUIPMENT

- a. Specify the grain(s) to be processed.
- b. Specify the maximum and average process rates (in tons/hour) for each of the following processes: Receiving, cleaning, drying (including average number of passes), turning (including turning schedule), and shipping.
- c. Specify the drying fuel to be used and the maximum and average fuel consumption rates (in gallons/hr, therms/hr).
- d. Specify the normal facility operating schedule (in hours/day, days/week, and weeks/yr).
- e. Show the flow of materials either on a separate flow diagram or on the drawings accompanying the application.
- f. Specify type, size, capacity, make, model, and location of each piece of process equipment - i.e., receiving pits, conveyors, cleaners, elevators, dryers (burners), aspirators, bins (for storage, transfer, and drying), milling, etc.
- g. Submit a manufacturer's brochure or specifications describing each piece of process equipment installed. Include any vendor-supplied data on emissions performance.

2. ESTIMATE OF EMISSIONS

- a. Provide estimates of pollutant concentrations and mass emission rates for pollutants listed in c. below.
- b. State any combustion modifications or control devices employed to reduce emissions. State estimated reduction.
- c. Best Available Control Technology (BACT) is required if the potential to emit exceeds one or more of the following limitations on a daily basis:

Particulate Matter (PM-10)	80 lb/day
Nitrogen Oxides	25 lb/day
Sulfur Oxides	80 lb/day
Reactive Organic Compounds	25 lb/day
Carbon Monoxide	500 lb/day

3. EMISSION CONTROL EQUIPMENT

- a. Complete attached supplemental forms regarding emission control equipment.

After an Authority to Construct is granted for any equipment, alterations from the approved plans are not permissible without first securing additional approval for the changes from the Air Pollution Control Officer.

Further information or clarification concerning permits can be obtained by calling (530) 891-2882.