



Natural Resources Conservation Service  
United States Department of Agriculture

# Conservation Security Program Enhancement Job Sheets

Air Resource Management Enhancement Minnesota, 2005

## ***Improve air quality by controlling concentrated animal odors through the use of bio-filters for curtained barns***

### **Definition**

Bio Filters are an air bio-filtration system comprised of mechanical ventilation, ductwork and a bed of organic material that supports a microbial population.

### **Purpose**

To prevent or minimize the odor emissions from livestock and poultry production facilities and manure storage areas.

### **Where Used**

This applies where odors are emitted from a confined livestock or poultry production building or a covered manure storage area.

### **Operation and Maintenance**

The operation and maintenance plan shall address the physical integrity, moisture content, weed growth, rodents, assessment of pressure drop and health and safety concerns as outlined in the NRCS interim 795 practice standard.

### **Payment Rate**

A payment per year.

### **Documentation Required**

A map of the location of the barns and bio-filters and records showing the size of the filter must be provided.

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_