POLLUTION PREVENTION

FORM AQ301
INSTRUCTIONS

This form is OPTIONAL. You should complete it if you want LRAPA to be aware of pollution prevention measures undertaken at this facility. LRAPA encourages the regulated community to undertake pollution prevention wherever possible to reduce environmental impacts. LRAPA rules encourage the owner/operator of a facility to take into account the overall impacts on risk when selecting a control method. In doing so, the owner/operator should consider risks to all environmental media and from all products and processes. LRAPA encourages the owner/operator to use the following behavior hierarchy to control emissions of regulated air pollutants: (1) Modify the process, raw materials, or product to reduce the toxicity and/or the quantity of air contaminants generated. (2) Capture and reuse air contaminants. (3) Treat to reduce the toxicity and/or quantity of air contaminants released. (4) Otherwise control emissions of air contaminants.

1. Provide the Process Device ID for the pollutant-emitting device or process for which this form is being completed.

2. Provide a complete description of the pollution prevention measures adopted, including any modifications in the process, raw materials used, or product produced that reduce the toxicity and/or quantity of emissions.

3. Provide any information that you want considered regarding the overall impact of the pollution *prevention* measures compared to pollution *control* alternatives. Lesser impacts on other environmental media may be achieved even though air quality impacts may not be reduced significantly.

4. Describe how the pollution prevention measures help to achieve compliance with the applicable requirement(s) associated with the device/process. If the requirement is a specified mass emission rate per unit of input and the pollution prevention measure is to substitute a less polluting input, provide calculations showing the mass emission rate per unit of the less polluting input. If the requirement is a percent reduction in emissions and the pollution prevention measure is a modification of the process which reduces the amount of emissions generated, provide calculations showing the percent reduction in emissions generated as compared to the amount generated from the process as normally configured.

5. Describe how compliance with the applicable requirement, through use of the pollution prevention measures, will be demonstrated. This may include monitoring, testing, inspection, recordkeeping, or other activities that enable compliance to be verified.

6. Explain whether or not you intend for the reduction in emissions resulting from the pollution prevention measures to be used by another pollutant-emitting device/process at this facility. If so, you should identify that device/process and the quantity of emission to be reallocated.

7. It is possible that certain pollution prevention measures will affect LRAPA's determination of applicable technology-based or performance-based emission standards such a BACT, LAER, or destruction efficiency. These emission standards may be based on a percent reduction from uncontrolled emissions that in turn are proposed to be reduced by pollution prevention. If you believe that the pollution prevention measures should affect LRAPA's determination of applicable technology-based or performance-based emission standards for the pollutant-emitting device/process in question, then provide the following information:

a. specify the applicable requirement and;

b. describe how the pollution prevention measures affect the determination of the requirement.

LRAPA
Lane Regional Air Protection Agency

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POLLUTION PREVENTION **ANSWER SHEET**

Facility Name: _____ Permit Number: _____

1. Process Device ID: _____

NOTE: For the following questions, please attach additional information sheets as needed.

2. Description of pollution prevention measures(s):

3. Description of impacts:

4. Description of achievement of compliance with applicable requirement(s):

5. Description of compliance demonstration:

6. Description of proposed reallocation:

7. Performance – and – technology – based standard determination

   a. Applicable requirement affected:

   b. Effect of pollution prevention: