



POLLUTION PREVENTION (P2) AWARD - 2011

POLLUTION PREVENTION

Pollution prevention is any in-plant practice that reduces or eliminates the amount and/or toxicity of pollutants which would have entered any waste stream or would have otherwise been released into the environment prior to management techniques such as pollution control, recycling, treatment or disposal. The Pollution Prevention Act of 1990 was created, establishing pollution prevention (P2) as a National Objective. The Act established the P2 Hierarchy as a National Policy, declaring that:

- Pollution should be prevented or reduced at the source whenever possible.
- Pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible.
- Pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible.
- Disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

In other words, pollution prevention is reducing the amount and toxicity of waste produced at the source through methods such as raw material substitution, installing clean manufacturing technologies, in-process recycling, as well as preventive maintenance and spill prevention.

ELIGIBILITY

Any HRSD permitted industrial or commercial user is eligible. (Pollution prevention initiatives mentioned in previous applications may **not** be used unless a significant improvement has been made concerning those initiatives, in addition, minor modifications to previous award winning will not be considered.) Multimedia pollution prevention activities may include, but are not limited to:

- Changes in production processes or raw materials that reduce the volume and/or toxicity of the waste produced.
- Methods that recover and reuse materials or energy within production processes that otherwise may be considered waste.
- Improved operations and/or maintenance of existing process equipment and methods that reduce or prevent waste generation or reduce waste toxicity.
- Technology/product development that results in reduced waste being generated from a facility.
- Employee outreach and educational efforts to promote pollution prevention.

End-of-pipe environmental management techniques (e.g., off-site recycling, waste treatment, incineration, and disposal) do not qualify as pollution prevention and therefore will not be considered for awards for this program. However, recycling accomplishments may be included in the application as supplementary material to demonstrate commitment to good environmental practices.

QUALIFICATIONS AND SELECTION

Submitted projects must be completed or near completion by the end of calendar year 2011.

HRSD staff as well as other qualified, non-regulatory reviewers will judge applications. Some companies may be visited for verification of pollution prevention activities. A review of the applicant's environmental compliance records for the calendar year of 2011 will be performed during the application review process. Significant violations in 2011 (based on the number or severity of violations), as determined by HRSD, may result in disqualification.

STANDARD CATEGORIES

Awards of recognition for pollution prevention may be presented in the following categories based on the daily maximum (as indicated in your HRSD Industrial Wastewater Discharge Permit, Page II) wastewater discharge flow in gallons per day (gpd):

- ◆ Greater than 400,000 gpd
- ◆ 25,000 gpd – 400,000 gpd
- ◆ Less than 25,000 gpd

APPLICATIONS

Applicants should respond to each of the items on the enclosed application form. Applications should be limited to five pages in response to the questions. Supporting documentation to substantiate the effectiveness of pollution prevention activities may be submitted with the application. If a particular question does not apply to your organization, please indicate and explain why. Materials submitted will not be returned to the applicant. The deadline for application submissions is **Tuesday, February 28, 2012**. Completed applications can be returned to HRSD via email: p3data@hrsd.com. If the application is not submitted by email, **five copies** of the completed application must be mailed (no faxes) to:

**HRSD Pollution Prevention Award
Pretreatment and Pollution Prevention Division
P.O. Box 5902
Virginia Beach, VA 23471-0902**

For more information regarding the HRSD P2 Award, or this application, contact Shawn Maxfield of this office at (757) 460-7051, or e-mail: smaxfield@hrsd.com



Cleaning wastewater every day for a better Bay.

**Application Form – 2011
Pollution Prevention (P2) Award**

Company Name

Mailing Address

Facility Address

(if different from above)

Contact Name

Contact Title

Phone

Email

Number of Employees

Category – Check One (based on permitted calendar day maximum flow):

- Greater than 400,000 gallons per day
- 25,000 gallons per day - 400,000 gallons per day
- Less than 25,000 gallons per day

- Please address all four questions on Page 4.
- Applicants may use up to five (5) pages to respond to these questions.
- Supporting documentation to substantiate the effectiveness of pollution prevention activities may be attached.
- *If application is mailed, attach a copy of this completed form to each of the five copies submitted.*



1. Description of the project, program and/or technology

Describe in detail the pollution prevention project(s), program and/or technologies. Explain how it differs from past environmental practices. Explain any improvements in process efficiency, product quality, etc. Discuss any multimedia reductions achieved (e.g., solid, water and/or air). Explain any innovative efforts that the facility has successfully implemented that have been ineffectual by others.

2. Waste volume/toxicity reduction

Explain the reductions in volume and/or toxicity of waste. Was a waste stream reduced or eliminated? Was a hazardous waste made non-hazardous or less hazardous?

3. Management commitment and employee participation

Describe management's commitment to pollution prevention. Is there an official company policy statement on pollution prevention? Are employees directly involved in pollution prevention? If so, how? Has a pollution prevention assessment been made? Are other environmental programs undertaken by the industry? (i.e. recent ISO 9000 or ISO 14000 certification etc.)

4. Economic savings and other benefits

Explain any economic, worker, community, or environmental benefits realized by implementing pollution prevention. Consider not only disposal cost savings, but also raw material, labor etc. What were the paybacks, return on investment, improvement in worker safety, community relations, etc.? How were these benefits determined?