



POLLUTION PREVENTION (P2) AWARD - 2021

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, projects resulting from HRSD issued Administrative Order (AO) or minor modifications to projects from previous years 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.



QUALIFICATIONS AND SELECTION

Submitted projects must have been completed by the end of calendar year 2021; projects from previous years will result in disqualification. **Only one project will be reviewed per facility.**

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 2021 will be performed during the application review process. Compliance history based on the number of violations will result in disqualification.

STANDARD CATEGORIES

Awards of recognition for pollution prevention will be presented in the following four (4) categories:

- **Permitted facilities** (based on the number of full-time employees):
 - ◆ Greater than 1,000 Employees
 - ◆ 101-1,000 Employees
 - ◆ up to 100 Employees
- **Alcohol Beverage Manufacturing BMP holder**

APPLICATIONS

Applicants should respond to each of the items on the enclosed application form. If a question does not apply to your organization, please indicate and explain why. Materials submitted will not be returned to the applicant. **Applications submissions must be no more than five pages.** Completed applications must be submitted separately per facility to p3data@hrsd.com. Make sure to include the industry name, permit number (if applicable), and P2 application in the email subject line. The deadline for application submissions is **Friday, April 1, 2022.**

If any of the guidelines described in this application are not met the application will not be considered and the industry will not be recognized as a pollution prevention partner.

For more information regarding the HRSD P2 Award, or this application, contact Kaitlyn Stone of this office at (757) 460-7050, e-mail: kstone@hrsd.com



**Application Form – 2021
Pollution Prevention (P2) Award**

Permit Number
(If applicable)

Company Name

Mailing Address

Facility Address

Address
(if different from above)

Contact Name

Contact Title

Phone

Email

Number of Employees
(If applicable)

Pollution Prevention Award Category – Check One:

- **Permitted facilities (based on the number of full-time employees)**
 - Greater than 1,000 Employees**
 - 101-1,000 Employees**
 - Up to 100 Employees**
 - Alcohol Beverage Manufacturer BMP (No restriction of employee number)**

- **Please address all four questions on Page 4.**
- **The applicant must respond to the questions and be no more than five (5) pages long.**
- **Previously submitted projects and/or projects that were not implemented during the calendar year will be disqualified.**
- **The applications must be submitted via e-mail to p3data@hrsd.com. Make sure the company name, permit number (if applicable), and P2 Award Application is included in the subject line of the e-mail.**
- **Applications must be submitted separately per permit number.**



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

Describe in detail the pollution prevention project, 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?