



POLLUTION PREVENTION (P2) AWARD – For Projects Completed in 2022

POLLUTION PREVENTION

Pollution prevention (P2) 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](#) established P2 as a national policy and developed the P2 Hierarchy, 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.

The EPA defines P2 as reducing the amount and toxicity of waste produced at the source, otherwise known as source reduction. This is achieved through methods such as raw material substitution, installing clean manufacturing technologies, in-process recycling, as well as preventive maintenance and spill prevention. The P2 Awards recognize industrial and commercial dischargers for their outstanding multimedia P2 efforts.

ELIGIBILITY

Any HRSD permitted industrial or commercial user is eligible, as well as those users regulated under the Alcohol Beverage Manufacturing Best Management Practice (BMP). 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 Orders (AO) will not be considered. End-of-pipe environmental management techniques (e.g., off-site recycling, waste treatment, incineration, and disposal) do not qualify as P2 and therefore will not be considered.

Multimedia P2 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 P2.



QUALIFICATIONS AND SELECTION

Submitted projects must have been completed by the end of calendar year 2022. Projects from previous years will result in disqualification and only one project will be reviewed per facility. Applicants should select **one** P2 initiative to focus on.

HRSD staff as well as other qualified reviewers will judge applications. Some industries may be visited for verification of P2 activities. A review of the applicant's environmental compliance records for the calendar year of 2022 will be performed during the application review process. Applicants may be disqualified based on compliance history.

STANDARD CATEGORIES

Awards of recognition for P2 will be presented in the following four (4) categories:

1. Permitted facilities – Greater than 1,000 Employees
2. Permitted facilities – 101 to 1,000 Employees
3. Permitted facilities – up to 100 Employees
4. Alcohol Beverage Manufacturing BMP holder

APPLICATIONS

Applicants must respond to each of the items on the enclosed application form **using the boxes provided below**. If a question does not apply to your organization, please indicate and explain why. Materials submitted will not be returned to the applicant.

Completed applications must be submitted separately per facility to p3data@hrsd.com. Submissions should include **the industry name, permit number (if applicable), and "P2 Award Application"** in the **email subject line**. The deadline for application submissions is **Wednesday, March 1, 2023**.

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 P2 partner.

For more information regarding the HRSD P2 Awards or this application, please contact Micaela Griffin (757-833-1756, magriffin@hrsd.com) or Lenzie Ward (757-910-3702, lward@hrsd.com).

RESOURCES

<https://www.deq.virginia.gov/get-involved/pollution-prevention>
<https://www.epa.gov/p2/learn-about-pollution-prevention>
<https://www.epa.gov/p2/pollution-prevention-act-1990>
<https://www.epa.gov/sites/default/files/2014-09/documents/pollprev.pdf>
<https://www.epa.gov/p2/p2-resources-business>
<https://www.hrsd.com/non-residential-customer>
<https://www.hrsd.com/pollution-prevention-p2-awards>



**Application Form – For Projects Completed in 2022
Pollution Prevention (P2) Award**

Permit Number
(If applicable)

Company Name

Mailing Address

Facility Address
(if different from above)

Contact Name

Contact Title

Phone

Email

Number of Employees
(If applicable)

Pollution Prevention Award Category – Check One:

- Permitted facility - Greater than 1,000 Employees
- Permitted facility - 101 to 1,000 Employees
- Permitted facility - Up to 100 Employees
- Alcohol Beverage Manufacturer BMP (No restriction of employee number)

- Please respond to all four questions using the boxes provided below.
- Additional documents outside of the pages provided below will not be reviewed, however applicants may attach relevant photos or images.
- Projects that do not meet the eligibility requirements above will be disqualified.
- The applications must be submitted via e-mail to p3data@hrsd.com with the following subject line: Company Name, Permit number (if applicable), P2 Award Application.
- Applications must be submitted separately per permit number.
- Only one project will be reviewed per facility. Applicants should select one P2 initiative to focus on.



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?



5. Supplemental information (1 page maximum)