

Pollution Prevention & Best Management Practices



Pollution Prevention Pays!

P2 & BMPs

This presentation will focus on these areas:

- ▶ Pollution Prevention also known as P2
- ▶ Best Management Practices or BMPs
- ▶ Green Business Program
- ▶ Pollution Prevention Awards

Pollution Prevention Act of 1990

- ▶ Establishes the Pollution Prevention Hierarchy:
 - ▶ Source Reduction - waste (hazardous substance, pollutant, or contaminants) should be prevented at the source (i.e. prior to recycling, treatment, or disposal)
 - ▶ Recycling - waste generated should be reused either in the process that created it or in another process
 - ▶ Treatment - waste that cannot be recycled should be treated to reduce its hazard
 - ▶ Disposal - waste that is not treated should be disposed of in an environmentally safe manner

Pollution Prevention at Work and at Home

- ▶ P2 information for Businesses

- ▶ <https://www centralsan.org/businesses-pollution-prevention-programs>

- ▶ P2 information for Residents

- ▶ <https://www centralsan.org/residents-pollution-prevention>

P2 Case Studies

- ▶ The EPA encourages businesses to generate less waste and has a collection of case studies that illustrate how business in various sectors have made changes to prevent pollution that have resulted in real savings.
- ▶ Find examples of what others in your industry are doing by clicking here: <https://www.epa.gov/p2/pollution-prevention-case-studies>
- ▶ We recommend reviewing: Case Studies on Safer Alternatives for Solvent Degreasing Applications <https://www.epa.gov/p2/case-studies-safer-alternatives-solvent-degreasing-applications>

Best Management Practices

- ▶ The most efficient (least amount of effort) and effective (best results) way of accomplishing a task, based on repeatable procedures that have proven themselves over time for large numbers of people. ~from Wikipedia.com
- ▶ Proactive, practical techniques that help industries reduce pollution at the source.

Best Management Practices

- ▶ Links to industry specific BMP Fact Sheets can be found at <https://www.centrialsan.org/post/best-management-practices>
- ▶ Find your industry's Fact Sheet. Can you find some new ideas to implement at your business?
- ▶ Pollution Prevention Pays! \$\$\$\$\$

Contra Costa County Green Business Program

- ▶ A partnership of environmental agencies and utilities
- ▶ The Green Business Program promotes businesses that operate in an environmentally responsible way
- ▶ Businesses participate on a volunteer basis
- ▶ For more information, and how to participate go to: [https://www.centernalsan.org/post/shop-green-businesses](https://www centralsan.org/post/shop-green-businesses)

CCCCSD

Pollution Prevention Awards

- ▶ The P2 Award program promotes business that:
 - ▶ Commit to pollution prevention
 - ▶ Reduce pollutants discharged to the sewer and/or storm drain
 - ▶ Educate employees and the public
- ▶ Awards are presented by the Central San Board of Directors
- ▶ Recognition is also given to Permitted Industrial Users that maintain compliance with their permit for consecutive years.
- ▶ Businesses receive recognition on the Central San Website and in Central San's newsletters
- ▶ Annual award program
 - ▶ View 2017 Businesses who were recognized here <https://www.centrialsan.org/post/pollution-prevention-awards>

2018 P2 Award Winners

▶ 2018 Annual Pollution Prevention Award Winners:

- ▶ **PowerHouse Designz, Concord**
- ▶ **Surfside Kids Dental, Pleasant Hill**

2018 POLLUTION PREVENTION AWARD WINNERS



Congratulations to this year's winners of our annual Pollution Prevention Awards! These local businesses are leaders in environmental protection and we're proud to commend their commitment to preventing pollution in our community.



PowerHouse Designz

2655 Monument Boulevard, Suite H, Concord

PowerHouse Designz practices Pollution Prevention by installing brake pads with less hazardous compounds, using organic coolant, storing new vehicle fluids in cardboard instead of plastic containers, and using 2 different mop buckets to capture oil and coolant spills separately (which then are transferred to their respective storage drums). Due to these practices, there is no discharge to the sewer.

Surfside Kids Dental

675 Contra Costa Blvd, Pleasant Hill

Surfside Kids Dental practices pollution prevention by rarely placing amalgam (a liquid mercury and metal alloy), properly disposing of all amalgam waste, maintaining their amalgam separator on a routine schedule and using only digital x-rays. All staff are well trained in Best Management Practices (BMPs) for water pollution.



Pollution Prevention & BMPs

- ▶ Do you have a unique pollution prevention technique that you would like to share with us?
- ▶ We would enjoy hearing about what you do to prevent pollution.
- ▶ Email us at chenry@centralsan.org

THANK YOU!