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## Coming Soon: Environmental Management System (EMS) Interactive Virtual Workshop

Since 2014, Pollution Prevention Services has hosted various *EMS In Depth* workshops for Iowa environmental professionals that offers expert support in the development and continuous improvement of your EMS. This year due to COVID -19 we are conducting a webinar series that in four 4-hour segments will walk you through the steps to implementing an EMS for your facility.



This interactive webinar series, "How to Implement An EMS" will help you implement an EMS. During the webinar the presenters will discuss issues faced by many organizations that are implementing an EMS as well as the associated best practices for addressing them. The facilitators will share real-world examples and engage the audience to share experiences both on the challenges and solutions. The focus will be on the various elements of EMS (ISO 14001:2015), such as environmental policy, compliance, training and management review. Exercises will be facilitated to reinforce the content and allow for audience participation and discovery.

Leading the workshop will be Christine Mayo and Tara Vollenweider McCullen of Burns & McDonnell. Both of our presenters have conducted a successful previous workshop we've hosted in our *EMS In Depth* series and have extensive experience developing, implementing, and maintaining ISO 14001 systems and other EMS for numerous organizations.

## Make the most of your planned facility shutdown

Many facilities have planned shutdowns throughout the year. The winter holidays are a common time to shutdown production and give employees a well-deserved break, as well as doing planned maintenance or equipment upgrades throughout the facility. Here are a few things to consider as your planned shutdown approaches:

- **Plan ahead.** This might seem obvious, but having a structured, prioritized plan going into a known shutdown can help eliminate downtime and allow you to get more done. Having a plan also helps maintenance and others be informed of what is going on in the facility.
- **Be flexible.** Go with the flow of things and as situations arise take care of them. Allow time in your plan for mishaps or issues and adjust the timeline as needed.
- **Do it correctly the first time.** Sometimes there are 'quick fixes' that will be operational in the short term, however, looking at the bigger picture, it is most often better to put in, potentially, more money and effort up front to have a longer lasting fix to the problem. This type of approach, generally, saves more money in the long term.

- **Be aware of other potential issues.** You won't be able to get to everything in one planned shutdown. As you go through the facility be on the lookout for other potential problems that need to be addressed and make a list to fix them. Then, during the next planned shutdown, there's a list to work from and can make your job that much easier.

These are just a few things to keep in mind as you prepare for a plant shutdown. As the holidays approach and a shutdown is in sight, reach out to P2 Services for assistance or other advice on how to efficiently conduct a shutdown at [P2Services@dnr.iowa.gov](mailto:P2Services@dnr.iowa.gov).

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## Deadline Approaching: Project slots still available for 2021 P2 Internship Program



Project slots are still available for the 2021 P2 internship program. The deadline to submit a request for a 2021 project is Tuesday, December 1, 2020.

In this nationally recognized internship program, Iowa companies and institutions submit potential P2 projects for consideration and P2 Services matches upper-level engineering students with specific projects based on each student's coursework, academic performance, experience, technical, and communication skills.

After one week of comprehensive training with P2 program staff the intern serves at the host facility, where they analyze the current processes, research strategies, calculate cost comparisons, and implement improvements. After writing a final report documenting results and recommendations, the intern presents this information to host company management and writes a case summary of the project. Internships begin in May 2021.

P2 technical staff is available to assist with project development. For more information on the program, visit [www.iowap2interns.com](http://www.iowap2interns.com) or email [P2Services@dnr.iowa.gov](mailto:P2Services@dnr.iowa.gov).

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## Upcoming Events

**November 5-December 9** [Thermal Process Intensification](#) virtual workshop

**December 1** [National Zero Waste Virtual Conference](#) virtual workshop

**December 1-4** [2020 Virtual Energy Conference](#) virtual workshop

**December 7-10** [Conference on Behavior, Energy, & Climate Change](#) virtual

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Learn more about our program at [www.iowap2services.com](http://www.iowap2services.com).

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Please send questions, comments, or suggestions regarding newsletter content to [P2Services@dnr.iowa.gov](mailto:P2Services@dnr.iowa.gov).



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