

June 2004
GLRPPR Online Survey Open-Ended Responses

Q8 Other: How did you find out about the Great Lakes Regional Pollution Prevention Roundtable (GLRPPR)? (Check all that apply)

1. From EPA Region 5 member the DoD/Indiana P2 Partnership
2. Longtime, perhaps original member
3. Member of GLRPPR
4. Attended meeting
5. By working with the IL Waste Mgmt & Research Center
6. Health Care Without Harm Nurses Group
7. Involved for years
8. Fellow employee
9. Meetings with USEPA in Chicago
10. From its inception
11. I'm a member
12. Annual Meetings
13. P2 Roundtables
14. In the advertisement for my job in the newspaper
15. Word of mouth.

Q9 Other: Where do you usually get Pollution Prevention (P2) or waste reduction information? (Check all that apply)

1. State website
2. Canadian Center for Pollution Prevention
3. DoD & Air Force Web Pages
4. State P2 efforts
5. State website
6. SME resources
7. Canadian Pollution Prevention Information Clearinghouse
8. P2 programs, associations, vendors
9. PNEAC
10. Environment Canada resources
11. Meetings
12. Conferences/workshops
13. P2 publications (P2 Review, etc.)
14. C2P2, Pojasek,
15. Chlorine Free Products Assoc
16. Books and journals
17. Books and journals

Q13 Other (please specify) How often do you use the materials or information you received from GLRPPR for the following actions?

1. Monthly
2. GLRPPR is my main source of Pollution Prevention information.
3. Getting a handle on P2 has been compared to putting your arms around a bear. GLRPPR does a good job of trying to organize and provide information on an exceptionally broad and ever changing topic
4. Roundtables every now and then

Q16. Do you have any comments or suggestions about our resources?

1. Keep up the good work!
2. I didn't know the RFP d-base existed nor the Homes Across America.

3. More easily identified p2 efforts that are industry specific. If I'm working with a client from say a metal fabricator - here are some p2 options to avoid a permit or at least reduce emissions.
4. The GLRPPR site has been a beneficial resource for use when working with teachers as well as "clients"
5. But what if you're not a member of the national or regional database? The ones that require password entry can be difficult.
6. Not sure where many of these resources are on your Web site. I did a spot check on the program directory and did not easily find it. The presentations that are posted have annoying, slowing animation.
7. It's good to know they are there and that the GLRPPR web site provides links to other sources of information.
8. Not at this time. We are currently at the initial set-up stage in Michigan and just beginning to work with Michigan Industries.
9. I have used the web search assistance available and think it is a great resource.
10. You are doing excellent work!

Q19. Are there other types of P2 information that would be useful to you?

1. Current status relating to purchase of alternative energy. Regular updates of Regional P2 activity in the GL. Cutting edge product research and development that promotes alternatives, chemical substitutions or green design.
2. GLRPPR responses/searches to requests for assistance appear limited to resources available through the website. I sympathize with the difficulty in this service but may not be worth providing if adequate resources are not truly available

[We refer folks to relevant information available on the GLRPPR site, in case they didn't notice it or weren't aware of it, but we do not limit our responses to such information. In fact most of the links we provide are to external sources. Laura, our librarian who does most of this research would focus on hard copy material if someone specified that this was what he or she wanted.](#)

3. University studies.

Q20. What P2 or waste reduction information do you need?

1. Material data exchange information. Air Emission credits (in future).
2. Specific resources on P2 technologies

[GLRPPR provides these types of resources sorted by sector or topic within the Sector Resources section or the Topic Hub section of the web site.](#)

3. Cadmium reduction alternatives in paint that meet military aircraft technical orders.
4. Source Reduction - Land and related issues Toxic
5. TRAINING - due to salaries, we're hiring a lot of people right out of school with no experience with industry, assessments, etc. More basic training on how to do P2 assessments, specific training on what to look for when doing an assessment at various industries, more communication among states on how to get companies interested in P2, whose having luck getting in the door and why. More resource sharing and possibly cooperative projects/grants.
[We provide links to training and conferences within the calendar section of our web site. We have offered training at GLRPPR programs in the past and will keep this in mind when planning agendas. We will actively seek out and share information through the web site and listserv regarding on-line and webcast training.](#)

6. Nothing specific at this time. Spent 10 years in recycling (industrial, commercial and residential) waste handling options and composting. Search now on an as-needed basis, relative to specific projects and Tribal needs.

7. More technology diffusion case studies!

We are adding them as we identify them/receive them. Please send existing documents and resources to us and please write more!

8. Examples of industry specific P2 options.

We have created and expanded the sector resource category and the topic hubs.

9. Regulatory info, what am I required to do ideas of successful programs that I could duplicate

We link to various compliance assistance centers where appropriate, but our mission and funding is focused on P2 efforts. While all topic hubs tend to include information and links to regulations, the more recently developed ones (Auto Salvage and the education related hubs) have subsections specifically focused on relevant regulations to make that information easier to find. Also, some of the responses to this question suggested folks weren't entirely aware of all that is available on the GLRPPR web site. This suggests we need to do a better job of highlighting/marketing some of the information that already exists on GLRPPR from time to time (via the email web site updates, LINK, and other avenues).

10. Plastics

We have created a sector resource collection dedicated to plastics on the GLRPPR web page.

11. Printer related information

We link to the Printers National Environmental Assistance Center for compliance information and we have created the lithographic and flexographic topic hubs.

12. Access to in-plant information. We have plenty of external resources.

13. Water usage reduction, process chemical recycling

16. Wastewater treatment/reuse from production of additives (accelerators, antioxidants) in the rubber, lubricant and plastics industries. VOM reduction in the pharmaceutical industry (process or chemical changes). VOM reduction in industries that use adhesives, solvents, stains, paints, and resin coatings. [Equipment changes that generate fewer VOMs, and low-VOM substitute materials.]

17. One page, hard hitting fact sheets Up to date vendor lists Technical assistance providers actually willing to accept requests and provide answers

18. VOC air emission reduction

19. Economics with respect to positive-impact-index relative to the dollar.

20. Mercury reduction

21. All

22. All of the above. More on p2 in manufacturing and less on the non-manufacturing aspects of our economy.

23. Case studies that can be easily replicated in other locations either within the same industry sector or for other sectors that are dealing with similar pollution issues.

24. Hazardous Waste disposal TSD facilities located in Michigan.

We link to various compliance assistance centers where appropriate, but our mission and funding is focused on P2 efforts.

25. The information I need is largely already available on the GLRPPR website and others, through P2RX.

26. Case studies and fact sheets

We continuously seek out new documents and encourage you to send us ones that you are aware of. We also would invite our members to help identify gaps and needs for case studies that we can then share with appropriate experts to respond to this need/request. Please e-mail us your thoughts and suggestions.

- 27. Laboratory Waste management programs with an overview of the mechanics of what works and what doesn't. Including material management; i.e., central stores, vs. each lab or project on its own.
- 28. Multi-media: air, water, and land
- 29. Eliminating lime in process water
- 30. Recycling electronics recycling construction waste
- 31. Information pertaining to upcoming changes being considered relative to my business. Also changes being considered over seas that may or may not make it in the US
- 32. In process recycling of etchants in printed wiring board (PWB) facilities. Copper reduction options in wastewater streams for PWBs
- 33. Information on pollution prevention for k-12 schools.

Q21. Are there other places (internet or published) where GLRPPR information should be linked or published?

- 1. Canadian Centre for Pollution Prevention (www.c2p2online.com)
- 2. Are you linked to Purdue CMTI website?
- 3. Toxic Release Inventory (TRI) The Explorer
- 4. Since I am not familiar with all of the places you are currently involved with this is not a question I can readily answer. Just don't EVER get into the pop-up mode of advertising.
- 5. Environmental Resources Center website
- 6. Automotive recyclers association website
- 7. IEPA, USEPA, Pollution Engineering Magazine, Environmental Protection Magazine, Illinois Pollution Control Board Website: <http://ipcb.state.il.us> (Contact Connie Newman 217/782-7630 or Bill Wilson 217/524-8513).
- 8. Earth 911, Local Government Environmental Assistance Network, National and Regional Environmental Education Associations
- 9. Yes - better link with the Canadian Pollution Prevention Information Clearinghouse
- 10. I think that GLRPPR is doing an excellent job of linking with other pertinent sites already.
- 11. OCETA
- 12. Greenbiz.com, World Business Council for Sustainable Development-www.wbcsd.org
- 13. Internet seems to be the venue of choice
- 14. In popular magazines related to environmental protection and in relevant journals. GLRPPR should do more press release and articles about its products and subjects of interest in the Great Lakes region.

Q22. What other comments or suggestions do you have to improve GLRPPR, its website, or the exchange of pollution prevention information?

[A lot of suggestions for improvement pertain to making the web site look better or easier to navigate. Tyler has begun addressing these issues. He has set up a "dummy" site with some revisions to the home page \(to make the Sector Resources and Topic Hubs more prominent\) and some revisions to the way the lists of Sector Resources and Topic Hubs are displayed \(on separate pages, with letter ranges for easier navigation of the ever-growing Sector Resource list\).](#)

[Tyler has also made some aesthetic improvements to the news and calendar pages since the survey was completed. Our recent review \(1/06\) of the Sector Resources list and plans to make revisions to that list also speak to the request to make information easier to find or more readily available on the web site. For example "Green Building" is now its own Sector Resource so that type of information isn't as "buried" within the "Construction & Demolition" and "Smart](#)

Growth" Sector Resources. Some of the new Sector Resources being developed coincide with the topics mentioned in response to the question about "what other types of P2 information would be useful to you?" Also, Tyler has started work on the "synonym" function as part of our revisions to the Sector Resources. This will allow Joy to insert statements into the web page that would direct users to the Sector Resource containing the information they seek. For example, Joy could insert the following "Green Procurement--See [Environmentally Preferable Purchasing \(EPP\)](#)" into the list so someone not using exactly the same term we chose to use could still find what they're looking for. We will be keeping this feedback in mind to provide insight into future ideas for improvements that we can implement.

Again, we realize that we need to do a better job of highlighting/marketing some of the information that already exists on GLRPPR from time to time (via the email web site updates, LINK, and other avenues). We will be acting on this.

1. The home page is a bit overwhelming. It takes awhile for me to figure out where to go to find what I'm looking for and I generally just go to the search button then. Would GLRPPR consider changing the format of their conferences from a typical conference to possibly an annual workshop with a specific goal in mind to accomplish at the end of the workshop? For instance, 3 days on measurement, with a smaller group of GLRPPR members assigning tasks and going home to work on them?

We will be hosting a training program on how to use the regional/national measurement database tool in the near future. Details have not yet been determined yet, but this may be a webcast program.

2. Liven-up the website. Use better graphics, animation if needed, increase use of images. Make links available without use of a second key.

3. You do a great job with exchange of P2 information.

4. I like to use GLRPPR as my one stop shop for P2 information, considering state funding for P2 programs has disappeared or is nonexistent.

5. The main page has a lot of info, a bit too cluttered.

6. The website is useful, but not very attractive or user friendly. The text is small and the page is very compact, making it hard on the eyes to browse. Maybe you could try using one of the professional web site software packages to improve the appearance and appeal. Larger and varied text sizes & fonts, colored backgrounds, and graphics would help to encourage first time users to return to the site. Also, a better explanation of the purpose of the site would help to better identify it to the first time user.

7. More mercury reduction topic hubs. I noticed schools and medical facilities but there are many more places mercury is used such as households, automobiles, thermostats, etc.

8. Lots of content seems to be buried in the site. The site should be redesigned to bring that information forward.

9. The web site has grown considerably. I am very glad I have stayed connected to you. The recent publications email was extremely beneficial. You may want to look at some subtopic groups. I have recently been involved with starting up a Women in Environmental Management group out of Chicago. It is still new but we are working on improving it. for contacts: Linda Hiser: hiserl@eorm.com or myself, Mary Prisby at mprisby@decode.com. Thanks

10. Have you collaborated with any chemical companies such as Spartan Chemical or Ecolab? Or companies that deal with chemicals that pollute on a daily basis.

11. Get a better idea of who might really be using your info. Are there really many individuals from P2 TAPs who use this info regularly?

12. Let us know that a survey is going to be coming out, so we can at least look at the website to answer some of your inquiries.

13. The site needs to be redesigned to look more current and to ease the navigational structure a bit.