Suggested Topics for Workshop in Inadvertent PCBs
Sponsored by SRRTTF, NGC, and WA DOE
DRAFT ONLY

Next steps: Comments on revision by Lauren, Doug, Lisa, and Ken.
Doug is planning to get feedback from David Wawer and will confirm whether CPMA is a sponsor.
INVITE SPEAKERS – Make initial contact with save the date.
SAVE THE DATE – SRRTTF and interested parties
ID Speakers for Agenda Sections II and III

General notes:

1. Logistics:
    a. Two day meeting, likely around October 8/9.
    b. Location: tbd (Ecology ERO to find venue)
    c. Remote:
        i. Definitely plan to have a remote option.
        ii. Minimum: Webex with staff monitoring for questions in chat. Ecology will host Webex. Note EWU does not seem to be able to support WebEx
2. General thoughts:
    a. Discussion and solution focused, integrate silos.
    b. Outcomes should include workgroups with plans on when to reconvene (likely via conference call) and next steps.
    c. Audience:
        i. Manufacturers of pigments (consider drivers who can encourage manufacturers to reformulate the process).
        ii. Manufacturers who use pigments (supply stream)
        iii. Procurement specialists (gov't, business)
        iv. SRRTTF will be there as well
    d. Topic will include iPCBs in pigments in general, not limiting to a single color.
    e. Lead facilitator: Lisa Dally Wilson. Each section will have additional moderators/chairpeople.

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DAY ONE:

I. Background: Scoping the Problem

Purpose: Get everyone on the same page about what the problem is (global, US, local), challenges faced and the mission of the Spokane River Regional Toxics Task Force.
Presentation oriented. Plan for Q&A after each speaker.
Session time: 2.5 hours.

- Welcome and Frame the Issue (45 minutes)
  - Welcome: Elected official (Mayor, Senator?) (brief introductory speaker) – 10 min
  - FRAME the Issue: USA/Globally - Define the history of legacy PCBs, ongoing contamination from inadvertent PCBs (iPCBs). Congener breakdown in Spokane River water column – how much are inadvertent?, Inadvertent vs. legacy: relative toxicity, potential to bioaccumulate in fish. Source attribution (research update on sources of iPCBs to Spokane River); Why it's a national and global problem; not just Spokane; How are iPCBs impacting society; compare regulatory requirements across the country – 30 min
    - Suggested speakers
      - First choice: Lisa Rodenberg
      - If Dr. Rodenberg is not available, ask her for suggestions. Possibly Keri Hornbuckle?
  - Q&A
- Short break (10 m)
- Pacific Northwest: Water quality standards and Fish
  - Ecology speaker: Washington State: Water Quality Limits, Fish driven - 20-30 m
    - Why PCB limits are considered this way
    - Ability to measure and achieve standards
    - Include general regulatory overview
  - Tribal standards – Fish consumption and water quality: 15m
    - Suggested speakers – Diane Barton or invite member of Spokane Tribe of Indians
  - Q&A
- Case Studies:
  - Inland Empire Paper (IEP) – Recycled paper and the Waste Stream - 15m
    - Doug Krapas
  - Municipal (pathway to environment via cosmetics, other consumer products) 15m
    - Spokane County or City of Spokane
  - Q&A

LUNCH (consider lunch speaker)

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II. Industry Supply Chain, Technical Requirements, and Solutions

Purpose: Understand the complexity of the supply, the steps involved. Introduce discussion on alternatives/solutions.

Timing: 1h20m of speakers, take a 20 minutes break, then break into workgroups to discuss. Maybe discuss for ~40 minutes, then have a lead moderator step in with some questions/clarification/redirection, then discuss another 20 or so. Then 30 minutes to report back/summarize.

- Pigment solutions. 20 minutes. (Maybe 2x20m talks)
    - Alternative pigments that are low iPCBs
    - Process controls / method changes that decrease or eliminate iPCB generation in existing pigments.
    - Suggested speakers
        - Pigment manufacturer (CPMA)
        - NGC presents research summary
- Supply chain- high level, one speaker. 20 minutes.
    - Newsprint
    - Paper and paperboard packaging
    - Suggested speakers:
        - NAPIM – National Association of Printing Ink Manufacturers
- Technical requirements for different applications (industry experts). 20 minutes.
    - Newsprint
    - Paper and paperboard packaging
    - Suggested speakers:
        - SGIA – Specialty Graphic Imaging Association
        - SGPP – Susainable Green Printing Partnership
        - Spokesman Review
- Brief break.
- Breakout groups and discuss: Technical Solutions. 40 minutes.
    - Can iPCB levels in existing pigments be decreased sufficiently through process controls?
        - What process controls are important?
        - How could methods be changed (e.g. different solvents)?
        - How could these be shared?
        - What are the challenges and how can these be addressed?
    - Could alternative pigments with low/no iPCBs be used?
        - What are the practical challenges with switching pigments?
        - How can those be addressed?
        - What research is necessary?
        - Could pilot tests be set up with alternative pigments?
    - How can procurement align best with technical solutions?
    - Who needs to be involved to accomplish this?
- Be sure to save sufficient time to have each group report back. 20 minutes.

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DAY 2

III. Moving towards iPCB-free pigments: Drivers

Purpose: Discuss drivers that encourage voluntary adoption of no/low iPCB pigments.

- Procurement
  - Procurement panel discussion (30 minutes). Speakers introduce themselves and some information about their procurement policy/perspective. 3-5m each. Limit slides - they can have 1-2 each, but must be provided in advance and made part of a single slide deck controlled by the moderator. Focus on how program is working as opposed to what the program is.
    - WA DES procurement- DES
    - Would a practical quantitation limit (PQL) be helpful for implementation? Suggested speaker Kathy Brewer from HP
    - WS DOT Road paint case study
  - Suggested speakers?
- Market drivers, environmental responsibility and sustainability practices (45 minutes). Speakers introduce themselves and some information about their policies. 5-10 m each. Limit slides – they can have 1-2 each, but must be provided in advance and made part of a single slide deck controlled by the moderator. Include how program is working as well as what the program is.
  - HP specifications; how are they applied; in the inks? Printed packaging?
    - Alternative: Apple, possibly Dell?
  - Product stewardship – have 1-2 speakers from this group
    - Color pigments industry
    - Printing inks industry
    - Graphics industry
    - Printing industry
    - Paper industry
  - Suggested speakers?
- Break. 20 m.
- Breakout groups: Drivers. Similar format to before. Allow to talk for ~40 minutes, moderator breaks in with some redirection/clarification, speak another 20 minutes, and plan 30 minutes for reporting back. Ideas for topics/questions:
  - Procurement
    - Developing an iPCB procurement policy for your organization. Practical aspects of developing and implementing the policy. Supply chain management. What makes a good iPCB procurement policy?
    - Create an "iPCB procurement commitment" to develop and implement an iPCB procurement policy to minimize and eventually eliminate iPCBs in their products. Sample procurement language we are recommending to discuss.
    - Best practices for procurement, how to incorporate technical difficulties discussion in the morning, how to address those difficulties to comply.
  - Market drivers

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        - How can iPCBs in pigments be addressed with product stewardship? What barriers prevent this from happening and how could they be addressed?
        - How will a business procurement policy differ from a governmental one?
        - How can businesses maintain good supplier relationships while requesting this information?
    - Regulatory opportunities
        - How could regulations address the issue of iPCBs in pigments? What level would this need to take place at (e.g. state, federal, int'l)?
- Be sure to save sufficient time to have each group report back

IV. WRAP-UP AND NEXT STEPS

Purpose: Summarize Key Outcomes and Identify action steps necessary to move the effort forward. Brainstorm ideas for ongoing engagement, possible workgroup topics.

Request participation in ongoing workgroup to move the effort forward. Determine what is needed to implement solutions.

- Technical Solutions
- Drivers
- Outreach Plan
- Research needs

ADJOURN

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