

Toxic Contaminants Workgroup Meeting

March 10, 2021

Why the “PCBs in Schools” Issue?

- ERG report from TCW-sponsored GIT funding project – Voluntary Programs Feasibility Study – June 2019
 - Report focus on transformers, FLBs with pre-1980 T12 ballasts, paints / caulks
- Big picture estimate - see Table 8. Estimates of the Number of Pre-1980 Buildings That May Contain PCB FLBs, and Number of FLBs (2012)
 - 1,699,255 buildings in watershed
 - Estimated total Number of FLBs - 1,012,710,266 – 10-24 grams PCBs / FLB fixture
 - Estimate for schools only – 650,000 FLBs with estimated range 14,842 - 31,434 lbs PCBs

Cross - GIT Advantages

- Toxic Contaminants Workgroup (Water Quality GIT)
 - Voluntary Programs Management Approach 3.0
 - Explore the feasibility of a fluorescent light ballast (FLB) removal program in schools and other building types.
- Performance Targets 3.11 and 3.12
 - 3.1.1 Work with the Sustainable Schools outcome team to develop an approach that will allow CBP to conduct an open and targeted program to direct funds (source TBD) to school systems for controlled removal of FLBs.
 - 3.1.2 Engage at least two school systems (or other industry-type partner) in FLB removal program.

Cross - GIT Advantages (cont.)

- Sustainable Schools Outcome (Fostering Chesapeake Stewardship GIT)
 - “Continually increase the number of schools in the region that reduce the impact of their buildings and grounds on their local watershed, environment and human health through best practices, including student-led protection and restoration projects.”
- Maintain Healthy Watershed GIT
 - Land-use mapping results late summer – pre-1980 schools inventory
- Supportive of DEIJ Initiatives

How Might We Address This Issue?

Jurisdictional Input Needed

for Round-robin at 4/14 TCW meeting

- Please supply jurisdictional contacts that might have an interest in this issue, **and that would be willing to present (5 minutes) and discuss at the April 14th TCW meeting**
 - Names and numbers to Hilary **by COB Wednesday March 17th**
 - **With your OK**, I will call them to scope out their interest level
 - Let's not pre-judge any way forward, keep it open
 - Include “whole schools” outlook – paints / caulks

Role of TCW

- Provide technical rationale for any project, i.e., what are we trying to accomplish?
 - FLBs – potential direct health impacts (leaks, fires and “smoking” FLBs)
 - Paints / caulks – bioavailability to environment (off-gassing, degradation products)
- Put boundaries on scope of effort
 - Actual projects?
 - Education / outreach?
 - Timeline?
 - GIT-funding opportunity?

TCW Meeting – April 14th

PCBs in Schools Work Session

- 15-minute presentation on what other state jurisdictions have done (Doug Austin, CBPO)
- 15-minute presentation on what other EPA regions have done (Erin Sullivan, Region 3)
- 45-minute round robin – 5 minutes each
- 30-minute open discussion for immediate feedback, path forward