

**Peterborough Community Liaison Committee (CLC)  
Meeting Record**

**Meeting Date:** June 22, 2023

**BWXT NEC:** Monifa Miller, Senior Director, Corporate Affairs  
David Snopek, Director, Environment, Health, Safety and Regulatory  
Jordan Brown, Engineering Manager, Fuel Shop Engineering  
Carlos Reyes, Communications and Community Relations Specialist

**CLC Members:** Bruce Roxburgh (Co-Chair), Jake Wadland, Julian Aherne

**CLC Absent:** Dikuse Mulumba, Andrew Gartenburg, Christa Lemelin, Deirdre McGahern, Julie Ingram

**Guests:** Not Applicable

**Action Items:**

Action Item	Status
1. BWXT to share information about uranium and beryllium soil sampling with CLC and the public once available.	Open
2. BWXT to share CLC best practices from industry chats.	Open
3. CNSC independent study – BWXT beryllium air sampling report.	Open
4. BWXT to provide CLC members with more time to contribute to the agenda.	Closed
5. CLC would like more information about GE Plant's future plans.	Open

**Discussion Notes:**

Miller commenced the meeting by welcoming CLC members. She then reviewed the meeting agenda and shared a land acknowledgement. Reyes shared a Safety Moment. No alarm was scheduled or planned for the evening. Miller then reviewed the actions register.

Miller provided an overview of recent and upcoming community engagement activities. She noted that, in May, BWXT Peterborough was visited by a group of grade nine Indigenous female students, part of the 2023 CNSC-NEA International Workshop, and BWXT Medical in Kanata was visited by members of the Algonquins of Pikwakanagan First Nation in June. The visit to BWXT Peterborough by Chief Keith Knott of Curve Lake First Nation, initially scheduled in June, was postponed to later in the summer. This visit will be Chief Knott's first visit to our facilities.

Miller shared that during the month of June, BWXT has been celebrating National Indigenous History Month, including the National Indigenous People Day, by sharing Indigenous cultural information with employees and recognizing the annual observance online.

Miller provided an update on BWXT NEC's charitable giving and volunteerism. She highlighted that the Xtreme Paddlers, employee volunteers who participated in the annual Peterborough Dragon Boat Festival helped to raise over \$1,000 for the Breast Assessment Centre at the Peterborough Regional Health Centre. BWXT was also a Bronze sponsor for this event.

Miller added that BWXT continues to support local food banks in communities near all BWXT locations.

As for our community communications, Miller informed the CLC that BWXT NEC continues to share updates on our website, and in our digital and print newsletters and printed newsletter.

Miller notified the CLC that BWXT NEC would be conducting annual soil sampling in the summer. Snopek informed everyone that the date still needs to be determined.

Reyes informed the CLC that they would receive an email notification and an advance copy of the annual soil sampling media release before informing the general public. He shared that community members can download previous soil sampling reports from the BWXT NEC website at [www.nec.bwxt.com](http://www.nec.bwxt.com).

Miller added that Curve Lake First Nation are routinely invited to shadow the annual soil sampling process.

Miller informed the CLC that a special information meeting to discuss BWXT NEC's air monitoring program would be held on September 14. In addition to BWXT staff and CLC members, representatives from the Canadian Nuclear Safety Commission (CNSC) and Ministry of Environment, Conservation and Parks (MECP) would also be in attendance.

Miller recognized CLC Wadland for requesting this meeting on behalf of the CLC. She shared that BWXT management appreciated the need for this meeting and anticipated that it will create greater understanding among all parties.

CLC Wadland thanked Miller and management for supporting this requested special meeting. He asked if participants would be able to speak candidly about BWXT decision to not conduct independent ambient air monitoring at BWXT NEC's Peterborough facility. Miller encouraged open dialogue.

CLC Aherne asked if the data from the 2023 soil sampling would be available by the September meeting.

Snopek answered that the data might be available; however, the full report might not be available until later in the year.

Reyes reminded the CLC that the 2022 report is available for download on the BWXT website: [www.nec.bwxt.com](http://www.nec.bwxt.com).

Miller asked the CLC if there was anything else that they wanted to share before the September 14 meeting. She reminded the CLC that they could send any questions or suggestions via email directly to her or Reyes.

CLC Aherne asked about the process and standards BWXT follows to control emission?

Snopek shared that BWXT has well-established processes that are in compliance with CNSC and CSA standards. These standards outline what BWXT must do to manage and control emissions and what sampling needs to be carried out.

Wadland said that he was satisfied with BWXT's efforts in preparation for September 14. He said he is looking forward to an in-depth discussion at the meeting.

Miller asked CLC if there was anything BWXT should be aware of in the community.

The CLC had no questions or comments.

Snopek presented the BWXT NEC 2022 Annual Compliance Report (ACR). He explained that this report is prepared for the one-year monitoring cycle and prepared for delivery around mid-March each year.

The 2022 ACR is available for download on the BWXT NEC website at <https://www.bwxt.com/bwxt-nec/safety/our-compliance-record>.

Snopek added that BWXT sends this report to the CNSC staff to review. CNSC then puts together a Regulatory Oversight Report (ROR) based on our submission and their regulatory oversight over that year. Once completed, the CNSC pulls together a presentation, which will be presented during the annual ROR meeting in December.

During the presentation, the CLC asked the following questions:

CLC Aherne: Does the public attend to ask questions?

Snopek: The general public and First Nations can submit questions or intervene in writing.

CLC Wadland: When does the CNSC report become available to the general public?

Snopek: It is usually ready in the fall, October.

Snopek informed that BWXT uses a Thermo Luminescent Dosimeter (TLD) installed on the perimeter fence at the BWXT Peterborough facilities. TLDs are used to calculate public and employees radiation doses.

CLC Aherne: How many of TLDs are used to monitor the BWXT Peterborough perimeter?

Snopek: We have six of them installed on the fence line.

Brown offered to get his TLD monitor from downstairs. The CLC declined.

CLC Wadland: Do you have a radiation monitor installed at private residences?

Snopek: No.

Snopek noted that background radiation reads higher than what BWXT emits.

Snopek continued his presentation and informed the CLC about the soil sampling history at BWXT.

CLC Wadland: How many pounds of beryllium does BWXT process annually?

Snopek: We process 50 lbs. per year.

CLC Aherne: Are the HEPA filters efficient enough to filter the gasses emitted by the beryllium process at BWXT?

Snopek: The beryllium emitted by BWXT manufacturing is not in gas form; it is in particulate form. HEPA filters do a great job capturing these particles and preventing them from exiting the stacks.

Brown added that the vaporization of beryllium happens in a vacuum-sealed chamber. Once it exits the chamber, mixed with air, the condition is no longer ideal to be in a gaseous state.

CLC Wadland: Where are the beryllium stacks located?

Snopek: They are located on the building's northwest side.

CLC Wadland: Does BWXT have an obligation to report a higher quantity of beryllium and uranium to the general public?

Snopek answered that BWXT has a process put in place. Once a higher number is verified, BWXT will immediately report it to the CNSC, triggering an investigation by CNSC. Through the company's Public Information Disclosure Protocol (PIDP), BWXT NEC will inform the community via a media release and corporate website.

Snopek concluded his presentation by thanking everyone for their attention and asking the CLC if they had any more questions about the 2022 ACR.

The CLC had no further questions.

Miller noted that they were at the conclusion of the meeting agenda. She asked if there were any general questions or comments before adjournment.

The CLC had no questions or comments.

Miller thanked everyone for attending and adjourned the meeting.