

OHS Case ID: 4482DLVSMML  
Field Visit no: 4482DLVSMML-4482-FV002

Visit Date: 2025-JUL-03

Field Visit Type: FOLLOW-UP

Workplace Identification: FLEMING COLLEGE - CAWT MINDEN FACILITY  
73 ORDE ST, MINDEN, ON CA K0M 2K0

Notice ID:

Telephone: - JHSC Status: Active Work Force #: 4 Completed %:

Persons Contacted: Marriah Wickert - Manager, Health & Safety  
Mary Lou McLean - Executive Director of Applied Research  
Cayla Austin - Research Technician (by TEAMS meeting)  
Mike Benedict - JHSC Co-Chair (by phone)

Visit Purpose: To audit compliance with the Occupational Health and Safety Act and its applicable regulations

Visit Location: The Farmhouse - 599 Brealey Dr. Peterborough

Visit Summary: No orders issued

Detailed Narrative:

The purpose of this visit was to follow on field visit #4482DLVSMML-4482-FV001 on June 25 2025.

DISCUSSION BY MINISTRY OF LABOUR, IMMIGRATION, TRAINING AND SKILLS DEVELOPMENT

Accompanied by Dana Lean - MJTSD Hygienist

The workplace parties provided an electronic copy of the Investigation of Indoor Air Quality and Mould Growth. Main Lab Sea Can. Water Pollution Control Plant, Orde Street, Minden Ontario dated June 25 2025.




Discussions were held with the workplace parties regarding the content and results of the reports as well as plans for moving forward to make the sea can safe for re-entry. The workplace parties noted that Pinchin would continue to be the Project Manager for all remediation and re-testing of indoor air quality and mould growth. The sea can is still under restricted access until interim remediation and re-testing has been completed. A span of approximately 16 weeks of research will continue following the interim remediation. A full remediation will be completed following the completion of the research project.

A health and safety audit was conducted at the Minden location in May. Results of the audit indicated that some SOPs (standard operating procedures) need to be reviewed and revised. The employer has committed to revising the following SOPs within the next couple of weeks:

- Emergency Procedures vs First Aid Assistance
- Working Alone
- Spill Response and Reporting (environmental and worker exposure)
- Bump testing and logging
- Alarm response protocol and reporting
- Respirator Protection Program (if needed), fit testing is completed in-house if needed.

HYGIENIST COMMENTS

We discussed the actions conducted following a large spill of sewage water at the research facility which occurred at the end of April.

Recipient	Inspector Data	Worker Representative
Name <u>Marriah Wickert</u>	Suzanne Platt O.H.S.A. & B.O.S.T.A. INSPECTOR PROVINCIAL OFFENCES OFFICER	Name <u>Cayla Austin</u>
Title <u>H&amp;S Manager</u>	300 Water St 3rd Fl, Peterborough ON K9J 8M5 HSPeterboroughDistrict@ontario.ca Tel: (705) 991-1728 Fax: (705) 755-4724	Title <u>Research Technologist</u>
Signature 	Signature 	Signature 

You are required under the Occupational Health and Safety Act to post a copy of this report in a conspicuous place at the workplace and provide a copy to the health and safety representative or the joint health and safety committee if any. Failure to comply with an order, decision or requirement of an Inspector is an offence under Section 86 of the Occupational Health and Safety Act. You have the right to appeal any order or decision within 30 days of the date of the order issued and to request suspension of the order or decision by filing your appeal and request in writing on the appropriate forms with the Ontario Labour Relations Board, 300 University Ave., 2nd Floor, Toronto, Ontario M5G 2P1. You may also contact the Board by phone at (416) 326-7500 or 1-877-337-3335 (toll free), mail or by website at <http://www.olrb.gov.on.ca/> for more information.

The Government of Ontario wants to hear from you. You can provide feedback on this visit at 1-888-745-8888

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Air quality testing was conducted in the lab by Pinchin environmental and looked at CO2, CO, Mould, Bacteria, Temperature, TVOC, PM2.5, PM10, H2S, NH3 and O2. All levels for CO2, CO, PM10, H2S and NH3 were reported below occupational exposure limits as set out in Ontario regulation 833.

Levels for H2S were reported to reach close to the 8 hour limit, though because these are point in time measurements they cannot be directly related to a workers 8 hour occupational exposure to H2S. Workers in the research lab wear H2S meters that alarm at 5ppm and 10 ppm. The Employer is advised to put into place a procedure for workers to report to management when the monitor alarms. Ventilation constructed in the lab should be the control for removing contaminants in the air, the monitor should be used as a secondary warning system to warn of a potential issue that is causing an increase in H2S levels.

The Employer has indicated that they will be looking at improving the heat in the lab so that fresh air can be on for longer and keeping the air warm during the colder months.

END OF HYGIENIST COMMENTS

A copy of this report shall be posted in a conspicuous location for all workers to read.

Recipient	Inspector Data	Worker Representative
Name _____	Suzanne Platt O.H.S.A. & B.O.S.I.A. INSPECTOR PROVINCIAL OFFENCES OFFICER	Name <u>Cayla Austin</u>
Title _____	300 Water St 3rd Fl, Peterborough ON K9J 8M5 HSPeterboroughDistrict1@ontario.ca Tel: (705) 991-1728 Fax: (705) 755-4724	Title <u>Research Technologist</u>
Signature <u>MW</u>	Signature <u>[Signature]</u>	Signature <u>[Signature]</u>

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