

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

October 17, 2024

Sean Homuth
Chief Executive Officer
KWESST Micro Systems Inc.
155 Terence Matthews Crescent, Unit #1
Ottawa, Ontario, K2M 2A8

Re: KWESST Micro Systems Inc. Registration Statement on Form F-1 Filed October 15, 2024 File No. 333-282626

Dear Sean Homuth:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Alexandra Barone at 202-551-8816 with any questions.

Sincerely,

Division of Corporation Finance Office of Technology

cc: Richard Raymer, Esq.