IN THE MATTER OF THE *PROFESSIONAL GOVERNANCE ACT*, S.B.C. 2018, CHAPTER 47

AND

IN THE MATTER OF ANDREW RICHARD JACKSON, P.ENG., P.GEO. (LICENCE #: 38270)

ENGINEERS AND GEOSCIENTISTS BC FILE NO. T24-022

CONSENT ORDER

Background

1. On March 18, 2026, pursuant to section 66(1) of the *Professional Governance Act,* S.B.C. 2018, c. 47 (the "*PGA*"), the appointed Investigators of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, doing business as Engineers and Geoscientists BC, issued an investigation report (the "Report") regarding Mr. Andrew Richard Jackson, P.Eng., P.Geo. The Report was provided to the Investigation Committee pursuant to section 9.7.6(1) of the Bylaws of Engineers and Geoscientists BC (the "Bylaws").

2. The Report concerns Mr. Jackson's engineering work on three dams at the [redacted] near Parksville, BC (the "[redacted] Dams") and the [redacted] Pond Dam located in Victoria, BC.

3. Regarding the [redacted] Dams, Mr. Jackson authenticated a dam safety review report dated January 5, 2022 (the "[redacted] DSR") and a technical letter titled "Proposed Downstream Improvements – Spillway and Berm Construction" dated May 19, 2023 (the "[redacted] Technical Letter").

4. At the time Mr. Jackson authenticated the [redacted] DSR and the [redacted] Technical Letter, Mr. Jackson held a professional licensee engineering (P.L.Eng.) with Engineers and Geoscientists BC. Mr. Jackson's P.L.Eng. stipulated that his field of practice was "geotechnical", that his engineering practice excluded permanent dewatering, and was limited to:

    a. provisions of temporary and permanent Schedule B and C-B for single family housing excavations less than four meters and limited to Competent Rock sites only;

    b. storm water management design for single family residences; and

    c. pavement structure design.

5. For the [redacted] Pond Dam, Mr. Jackson prepared and authenticated a report titled "Downstream Consequences Assessment for [redacted] Dam – D730105-01", dated August 20, 2024 (the "[redacted] Report"). By the time Mr. Jackson authenticated the [redacted] Report, he had obtained his Professional Engineering License (P.Eng.) from Engineers and Geoscientists BC and no longer held a P.L.Eng.

6. On March 26, 2026, the Investigation Committee appointed a Resolution Subcommittee to attempt to resolve Mr. Jackson's matter by means of a Consent Order.

7. Engineers and Geoscientists BC and Mr. Jackson wish to resolve this matter by consent pursuant to section 73(2) of the *PGA* to avoid the need for a disciplinary hearing.

8. Mr. Jackson consents to the disposition set out below.

Admissions

9. Mr. Jackson admits that he committed professional misconduct contrary to the *PGA* in relation to the engineering services he provided on the [redacted] DSR. In particular, Mr. Jackson admits that he:

    a. authenticated the [redacted] DSR without adequate professional experience to undertake legislated dam safety reviews ("Dam Safety Reviews");

    b. engaged in dam safety engineering work that fell outside the scope of the limited license he held with Engineers and Geoscientists BC, including by supervising an Engineer-in-Training in areas outside the scope of his P.L.Eng.;

c. provided inadequate technical analysis in the [redacted] DSR, including by failing to include:

   i. clear discussion and rationale of the potential consequences of failure categories related to the [redacted] Dams;

   ii. the appropriate inflow design flood;

   iii. complete hydrotechnical, geotechnical, and seismic analyses in accordance with applicable guidelines; and

   iv. sufficient discussion of the potential for internal erosion, including consideration of the presence of mature vegetation on the [redacted] Dams;

d. failed to thoroughly investigate the soil conditions present at the project site and used inappropriate soil testing methodologies and screening tools for the investigation that was completed;

e. applied his professional seal to a document that was also authenticated by another registrant without specifying the extent of his responsibility for the work completed;

f. failed to complete and document a risk assessment of the [redacted] DSR, contrary to section 7.3.6 of the Bylaws;

g. failed to obtain an independent review of the [redacted] DSR, contrary to section 7.3.6 of the Bylaws;

h. failed to create and retain appropriate project documentation, including documentation related to any checks completed, contrary to section 7.3.2 of the Bylaws;

10. Regarding the [redacted] Technical Letter, Mr. Jackson admits that he committed professional misconduct, including by:

a. engaging in engineering work that fell outside the scope of the P.L.Eng. held with Engineers and Geoscientists BC;

b. submitting an incomplete conceptual proposal to the regulator that was marked as “Issued for Construction”; and

c. failing to:

   i. include a discussion of the underlying methodology and sample calculations utilized in sizing the spillway;

ii. include a Construction Supervision Plan, Environmental Management Plan, and draft Operation, Management and Surveillance Plan as required by the applicable guidelines;

iii. complete and document a risk assessment for the project, contrary to section 7.3.6 of the Bylaws;

iv. obtain an independent review of the [redacted] Technical Letter, contrary to section 7.3.6 of the Bylaws; and

v. create and retain adequate and appropriate project documentation, contrary to section 7.3.2 of the Bylaws.

11. Mr. Jackson admits that the conduct set out at paragraphs 9 and 10 is contrary to section 7.3.1 of the Bylaws, which states that a professional registrant must have regard for applicable standards, policies, plans and practices established by the government or by Engineers and Geoscientists BC.

12. The conduct set out at paragraphs 9 and 10 is also contrary to certain principles of the Engineers and Geoscientists BC Code of Ethics, attached as Schedule A to the Bylaws (the "Code of Ethics"), namely:

a. Principle 1, which requires that registrants must hold paramount the safety, health and welfare of the public, the protection of the environment and the promotion of health and safety in the workplace.

b. Principle 2, which requires that registrants must practice only in those fields where training and ability make the registrant professionally competent.

c. Principle 3, which requires registrants to have regard for the common law and any applicable enactments, federal enactments or enactments of another province.

d. Principle 4, which requires that registrants must have regard for applicable standards, policies, plans and practices established by the government or Engineers and Geoscientists BC.

e. Principle 11, which requires that registrants clearly identify each registrant who has contribute professional work, including recommendations, reports, statements or opinions.

f. Principle 12, which requires that registrants undertake work and documentation with due diligence and in accordance with any guidance developed to standardize professional documentation for the applicable profession.

13. Mr. Jackson also admits he demonstrated professional misconduct in relation to the engineering services he provided for the [redacted] Report. In particular, Mr. Jackson admits he:

    a. submitted incomplete documentation to the regulator that lacked adequate discussion of the dam structure, breach calculations, and catchment area;

    b. incorrectly estimated the inflow flood design;

    c. improperly based the loss of life calculations on a risk-based approach;

    d. failed to complete a risk assessment for the [redacted] Report, contrary to section 7.3.4 of the Bylaws; and

    e. failed to create and retain appropriate project documentation, contrary to section 7.3.2 of the Bylaws.

14. Mr. Jackson admits that the conduct set out at paragraph 13 is contrary to section 7.3.1 of the Bylaws, which states that a professional registrant must have regard for applicable standards, policies, plans and practices established by the government or by Engineers and Geoscientists BC.

15. The conduct set out at paragraph 13 is also contrary to certain principles of the Code of Ethics, namely:

    a. Principle 1, which requires that registrants must hold paramount the safety, health and welfare of the public, the protection of the environment and the promotion of health and safety in the workplace.

    b. Principle 3, which requires registrants to have regard for the common law and any applicable enactments, federal enactments or enactments of another province.

    c. Principle 4, which requires that registrants must have regard for applicable standards, policies, plans and practices established by the government or Engineers and Geoscientists BC.

    d. Principle 12, which requires registrants to undertake work and documentation with due diligence and in accordance with any guidance developed to standardize professional documentation for the applicable profession.

Disposition

16. By consent, this Consent Order is made pursuant to section 73 of the *PGA*.

17. Mr. Jackson's registration with Engineers and Geoscientists BC is suspended for a period of four months commencing on November 6, 2026 (the "Suspension Period").

18. Prior to the end of the Suspension Period, Mr. Jackson must provide confirmation to Engineers and Geoscientists BC that he has, at his own expense, completed the following educational courses:

    a. The Professional Engineering and Geoscience Practice in BC Online Seminar, as amended from time to time; and

    b. The Engineers and Geoscientists BC Retaining Project Documentation Webinar.

19. Upon his return to professional engineering practice following the Suspension Period and the completion of the requirements set out at paragraph 18, Mr. Jackson is prohibited from performing engineering work in relation to Dam Safety Reviews (the "Practice Restriction"), except under the direct supervision of a professional engineer who is suitably experienced in dam engineering and who is a registrant of Engineers and Geoscientists BC in good standing (the "Supervising Professional"). The Supervising Professional must be approved in writing and in advance by the Registrar of Engineers and Geoscientists BC. The Supervising Professional must provide "direct supervision" as that term is defined in the Quality Management Guides – Guide to the Standard for Direct Supervision, which may be amended from time to time (the "Direct Supervision"). If the Supervising Professional is unable to continue to provide the Direct Supervision at any time in the future, a different Supervising Professional may be appointed upon written approval of the Registrar of Engineers and Geoscientists BC. The Supervising Professional must provide to Engineers and Geoscientists BC a written report regarding Mr. Jackson's performance every time Mr. Jackson performs engineering work in relation to Dam Safety Reviews during the period of Direct Supervision.

20. The Practice Restriction and the Direct Supervision requirement will remain operative until Engineers and Geoscientists BC confirms in writing receipt and satisfaction of the following:

    a. written confirmation that Mr. Jackson has completed, at his own expense, the Canadian Dam Association Dam Safety Review Workshop or equivalent coursework pertaining to Dam Safety Reviews as approved in writing by Engineers and Geoscientists BC; and

    b. a report from the Supervising Professional that Mr. Jackson has obtained the minimum experiential qualifications for a Qualified Professional Engineer carrying out Dam Safety Reviews as set out in sections 5.2.1 and 5.2.2 of Engineers and Geoscientists BC's *Professional Practice*

Guidelines for Legislated Dam Safety Reviews in BC as may be amended from time to time.

21. Twelve months after the conclusion of the Suspension Period, Mr. Jackson agrees to undergo a practice review conducted by the Audit and Practice Review Committee of Engineers and Geoscientists BC (the "Practice Review") at his own expense. The precise timing and process of the Practice Review will be determined by the Audit and Practice Review Committee.

22. Mr. Jackson will pay $6,000 to Engineers and Geoscientists BC contemporaneous with the execution of this Consent Order as a contribution towards the legal and investigative costs incurred in this matter.

23. In the event that Mr. Jackson fails to comply with any of the terms of this Consent Order, his registration with Engineers and Geoscientists BC will be, or will remain, suspended until every default has been remedied in accordance with the terms of this Consent Order.

Consequences of this Consent Order

24. The full text of this Consent Order will be published on the website of Engineers and Geoscientists BC, and a summary will be published in print and electronic publications, including in public communications.

25. This Consent Order has the same force and effect as an Order made under section 75 of the *PGA.*

26. Mr. Jackson agrees that Engineers and Geoscientists BC has recommended that he receive independent legal advice regarding this Consent Order and that Engineers and Geoscientists BC has given him the opportunity to obtain independent legal advice.

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27. Mr. Jackson and Engineers and Geoscientists BC agree that this Consent Order may be executed in counterparts and delivered as an electronic document.

This Consent Order is approved and accepted by Mr. Jackson and the Investigation Committee this 5th day of November, 2026.

<original signed by>

Andrew Richard Jackson, P.Eng., P.Geo.

<original signed by>

Name of Witness

<original signed by>

Signature of Witness

The Investigation Committee of the Association
of Professional Engineers and Geoscientists
of the Province of British Columbia

<original signed by>

Per: Allan Dakin, P.Eng.,
Vice-Chair, Investigation Committee