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August 30, 2021

To:

Alberta Securities Commission
Autorité des marchés financiers (Quebec)
British Columbia Securities Commission
Financial and Consumer Affairs Authority of Saskatchewan
Financial and Consumer Services Commission (New Brunswick)
Nova Scotia Securities Commission
Office of the Superintendent of Securities (Prince Edward Island)
Office of the Superintendent of Securities Service Newfoundland and Labrador
Ontario Securities Commission
The Manitoba Securities Commission
Nunavut Securities Office
Office of the Superintendent of Securities (Northwest Territories)
Office of the Yukon Superintendent of Securities

Dear Sirs/Mesdames:

Re: Organigram Holdings Inc. (the "Company")

We refer to the short form base shelf prospectus of the Company dated August 30, 2021 relating to the offer and issue, from time to time of common shares, preferred shares, debt securities, subscription receipts, warrants, and/or units, or any combination thereof, up to an aggregate offering price of \$500,000,000 of the Company (the "Prospectus").

We, Deloitte LLP, consent to being named and to the use, through incorporation by reference in the Prospectus, of our report dated November 29, 2020 to the shareholders and the board of directors of the Company on the following financial statements:

Consolidated statements of financial position as of August 31, 2020 and 2019;

Consolidated statements of loss and comprehensive loss, consolidated statements of changes in equity, and consolidated statements of cash flows, for each of the two years in the period ended August 31, 2020, and the related notes.

We report that we have read the Prospectus and all information specifically incorporated by reference therein and have no reason to believe that there are any misrepresentations in the information contained therein that are derived from the financial statements upon which we have reported or that are within our knowledge as a result of our audit of such financial statements. We have complied with Canadian generally accepted standards for an auditor's consent to the use of a report of the auditor included in an offering document, which does not constitute an audit or review of the Prospectus as these terms are described in the CPA Canada Handbook – Assurance.

Yours truly,

/s/ Deloitte LLP

Chartered Professional Accountants