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September 16, 2025

Kevin Kehl  
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**Re: Proposed Site Plan Amendment to Licenses #3514 and #607841**  
**Duntroon Quarry and Duntroon Quarry Extension – Environmental Air Quality Review**  
**RWDI Reference No. 2409751**

Dear Mr. Kehl,

RWDI was retained by Walker Aggregates Inc. ("WAI") to review a proposed amendment to Aggregate Resources Act ("ARA") Licences 3514 and 607841 for their Duntroon Quarry and Duntroon Quarry Extension (the "Subject Site").

WAI is looking to deepen portions of the Subject Site and requested that RWDI examine whether there were potential concerns with the deepening from an air quality perspective and to ensure that appropriate mitigation is in place. Currently, extraction is permitted to 490 metres above sea level ("masl") in certain portions of the operation and to a depth of 500 masl in other locations. The proposed amendment would allow for extraction between 485 and 490 masl across the entire site. There are no changes proposed to the existing plant locations and equipment operating on site.

RWDI reviewed the Site Plans for both the Duntroon Quarry and Duntroon Quarry Extension and confirmed that there are indeed no proposed changes to the existing plant locations and equipment operating on site. Therefore, the only change to potential sources of air emissions at the Subject Site will be the base elevations.

Further to this review, RWDI recently prepared an Emission Summary and Dispersion Modelling (ESDM) report in support of an annual update for Environmental Compliance Approval (ECA) with Limited Operational Flexibility #9861-A8AK4Z, dated July 25, 2016, which was issued to WAI for operations at the Subject Site. The ESDM Report continues to demonstrate that operations at the Subject Site are expected to comply with the requirements of O. Reg. 419/05.



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Reducing the base elevations for relevant air quality sources from 500 masl to between 485 and 490 masl will not materially change the outcomes of the ESDM Report. All the key sources of air emissions at the Subject Site are ground level fugitive sources, and therefore reducing the base elevations will only result in greater vertical separation from potential receptor locations. No additional mitigation measures are required to ensure that the Subject Site continues to comply with the requirements of O. Reg. 419/05.

Therefore, based on my review, there is appropriate mitigation already in place to meet the relevant provincial standards and that the Subject Site can continue to operate with the change in permitted extraction depth. No changes are recommended to Licenses No. 3514 and 607841 and the measures existing on the ARA Site Plans, are sufficient.

Please do not hesitate to contact me if you have any questions.

Yours truly,

**RWDI AIR Inc.**

A handwritten signature in black ink, appearing to read "B. Sulley".

Brian G. Sulley, B.A.Sc., P.Eng.  
Technical Director, Principal

BGS/AUV/kta

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## STATEMENT OF LIMITATIONS

This report entitled *"Proposed Amendment to Licenses #3514 and #607841 – Duntroon Quarry and Duntroon Quarry Extension"* was prepared by RWDI AIR Inc. ("RWDI") for Walker Aggregates Inc., ("Client"). The findings and conclusions presented in this report have been prepared for the Client and are specific to the project described herein ("Project"). The conclusions and recommendations contained in this report are based on the information available to RWDI when this report was prepared. Because the contents of this report may not reflect the final design of the Project or subsequent changes made after the date of this report, RWDI recommends that it be retained by Client during the final stages of the project to verify that the results and recommendations provided in this report have been correctly interpreted in the final design of the Project.

The conclusions and recommendations contained in this report have also been made for the specific purpose(s) set out herein. Should the Client or any other third party utilize the report and/or implement the conclusions and recommendations contained therein for any other purpose or project without the involvement of RWDI, the Client or such third party assumes any and all risk of any and all consequences arising from such use and RWDI accepts no responsibility for any liability, loss, or damage of any kind suffered by Client or any other third party arising therefrom.

Finally, it is imperative that the Client and/or any party relying on the conclusions and recommendations in this report carefully review the stated assumptions contained herein and to understand the different factors which may impact the conclusions and recommendations provided.