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Water Supply Mitigation Plan

Dufferin Aggregates, a CRH Company
Flamboro Quarry

865 Brock Road, Dundas, ON L9H 5E4
Part of Lots 4, 5 & 6, Concession 4
Geographic Township of West Flamborough, City of Hamilton



1.0 INTRODUCTION

The Water Supply Mitigation Plan has been developed for the Dufferin Aggregates Flamboro Quarry (Quarry), located on Brock Road in Dundas, Ontario. Dufferin Aggregates is a division of CRH Canada Group Inc.

This document was created to satisfy Note 31.H.I of the Operational Plan of the Quarry Site Plans to post the Water Supply Mitigation Plan on the Dufferin Aggregates website prior to extraction commencing below the elevation of 230 masl.

2.0 WATER SUPPLY MITIGATION PLAN

As per MECP permits, the Licensee shall implement a Water Supply Mitigation Plan:

- I. Prior to extraction commencing below the elevation of 230 masl the following Well Supply Mitigation Plan shall be posted and maintained on Dufferin's website with the Licensee's and MECP's contact information.
- II. This procedure applies to private water supply wells such as domestic (private wells) and farm water supplies located within the water supply well survey zone completed in 2011 by Dufferin as well as to complaints received by the Licensee regarding potential quarry related impacts on water supply wells outside this zone.
- III. Any water supply interference complaint will be promptly directed to the Licensee.
- IV. Upon the receipt of any water supply interference/disruption complaint (quantity or quality) from a resident, the Licensee shall advise MNR and MECP that a complaint has been received.
- V. In the event that the water supply is disrupted and/or the quality of the water is adversely affected such that the supply is no longer available for typical use and then operation of the Quarry cannot obviously and definitively be excluded as the cause, the Licensee shall supply the resident with a temporary water supply within 24 hours and thereafter until such a time as the cause of the disturbance can be determined and the situation addressed.
- VI. The Licensee shall have a qualified professional (ie. Qualified geoscientist, engineer or water well technician) investigate the nature and cause of the water supply disturbance. The result of the investigations will be reported to the resident, MNR and MECP. In the event that the resident did not previously provide access for a baseline survey or limits access for the complaint investigation, there may be inherent limitations on the efforts of the Licensee (and the qualified professional); however the Licensee will still make every practical effort to evaluate the water supply complaint and address any disturbances likely caused by the operation of the Quarry.
- VII. Where the results of the investigation determine that the operation of the Quarry has caused a private water supply to be adversely affected, the Licensee shall, in consultation with the affected resident and at the Licensee's expense, either restore



or replace the water supply, or take such other mitigative steps as may be necessary to ensure that water supply (water quantity and quality) for such resident.

- VIII. Where the results of the investigation determine that the operation of the Quarry has not caused any water supply to be adversely affected, the Licensee shall, in consultation with the affected resident, maintain the temporary water supply for an additional 24 hours to allow the resident to make alternate water supply arrangements.
- IX. Where the results of the above steps do not resolve the complaint to the satisfaction of any party, the Licensee shall take any corrective actions required by the MECP in accordance with the Ontario Water Resources Act (OWRA). The Licensee shall continue to provide a temporary water supply until the complaint is resolved to the satisfaction of the MECP.

3.0 CONTACT INFORMATION

Owner Information	Dufferin Aggregates, a CRH Company 2300 Steeles Avenue West, 4 th Floor Concord, Ontario L4K 5X6 Phone: 905-761-7100
Facility Information	Dufferin Aggregates Flamboro Quarry 865 Brock Road Dundas, Ontario L9H 5E4 Phone: 905-627-7711
Site Manager	Name: Odette Palis Phone: 416-271-8137
Backup person responsible for activating Mitigation Plan	Name: Mohamed Mousa Phone: 647-287-8987
MECP Information – Wells Help Desk	Phone: 1-888-396-9355 Email: wellshelpdesk@ontario.ca