

6.9 (a) (1)

# Licensees Compliance Assessment Report - Aggregate Resources Act

<b>Background Information</b>			<b>Year: 2013</b>
Licensee: Lafarge Canada Inc.		Licence ID #: 5514 (Guelph Plant)	MNR District/Area Office: Guelph
Lot: Pt 4-9/Pt. 7-11	Conc.: 1, 2 & 3/5&6	Geographic Twp.: Guelph & Puslinch	Municipality: Guelph-Eramosa & Puslinch

## Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
<b>A - Site Access</b>					
A1 Boundaries (clearly marked)	X			Boundaries are fenced and signed, demarcated with painted marker posts & signs or the remains of fences (see B5).	Y
A2 Entrance and Exits (location/closed)	X			Gates are either closed or can be closed and locked. Main gates are located at entrance/exit along the north boundary (Highway #24).	
A3 Lease/Ownership/Extraction Agreement: Lands are owned by licensee.					
<b>B - Site Protection</b>					
B4 Fencing	X			The majority of the boundaries are fenced, except as noted in site plan overrides. See general comments.	
B5 Fencing (site plan variation or temporary relief granted)	X			A site plan override is noted on the site plans for +/- 2982 m of the south boundary adjacent to the Speed River and floodplain.	
B6 Screening (trees/berms)	X			Existing berms and vegetation screen the pit from the adjacent land uses as shown on the site plans (see page 2, note #8).	
B7 Setbacks (15m / 30m or other)	X			Extraction setbacks are maintained as shown on the site plans. The west face in Area 3 has been backfilled to the 15 m width.	
<b>C - Operational Details</b>					
C8 Operating Sequence	X			Extraction is proceeding north in Area 3 as shown on the site plans.	
C9 Stripping (overburden)	X			Stripped topsoil and overburden has been stripped and stored separately in berms and stockpiles on site and are available for rehabilitation of site. See comments.	
C10 Overburden Seeded	X			Established berms and stockpiles are well vegetated.	
C11 Extraction Depth	X			Maximum depth allowed – 280 m asl Lowest floor elevation +/- 296 m	
C12 Buildings/Scales (location)	X			See site plan for buildings on site. Processing plant was dismantled and removed. An office/scale house and a redi-mix plant are shown on amended site plans.	
C13 Equipment (any specific conditions or restrictions)	X			There are loaders and trucks operating on site (see page 2, note #9 on site plans).	
C14 Plant (location/any specific conditions or restrictions)	X			There are asphalt, redi-mix and portable plants currently operating on the site. Processing is permitted on site (see page 2, note #9 on site plans).	
C15 Scrap (location/removal)	X			Scrap is collected and stored within the processing area on site. Scrap removal was ongoing in 2013 (see page 2, note #12 on site plans).	
C16 Stockpiles (location)	X			Product stockpiles are located on the pit floor greater than 30 metres from the licensed boundaries of the site (see page 2, note #9 on site plans).	
C17 Topsoil (location/seeded)	X			Topsoil is stored in the berms and stockpiles on site (see plan for locations).	
C18 Excavation Faces	X			Face heights generally vary from approximately 6-8 metres. No extraction of bedrock as permitted by the licence and site plans has occurred to date (refer to site plans).	
C19 Ponds (location/depth)	X			There are dug ponds on the site. Wash ponds are located in the south part of the site. Extraction below the water table is permitted (see page 2, note #9).	
C20 Internal Roads (any specific conditions or restrictions)	X			As shown on the site plan. Internal roads to be developed as required.	
C21 Haul Routes (external/any specific conditions or restrictions)	X			No conditions on licence or site plan. Access is along the north boundary at former Highway #24.	
C22 Blast Monitoring Report (quarries only)			X	No blasting on site at this time. Extraction of bedrock is permitted on this licensed pit & quarry site.	
C23 Dust Suppression	X			Haul road into the site has been paved. MOE approved dust suppressant applied on other internal haul roads, as required.	
C24 Hours of Operation (any specific conditions or restrictions)	X			No restrictions on licence or site plans.	
C25 Well Monitoring Reports			X	No requirements on the licence or site plan.	
C26 Identification Sign (as per Sect. 5.22 of Provincial Standards)	X			Required sign on the main gates at entrance/exit of pit (A2 – former Highway #24). Sign is maintained.	
C27 Orderly Conditions	X			Site is orderly.	
C28 Blasting Hours (quarries only)			X	No blasting on site at this time.	

*Note: Any ("No") requires completion of Page 3*

**Observations (continued)**

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
<b>D – Rehabilitation</b>					<b>Y</b>
D29 Disturbed Heclarage	x			Current year - # of hectares 0      Total # of hectares +/- 79.2	
D30 Progressive rehabilitation	x			Current year - # of hectares 0      Total # of hectares +/- 37.3	
D31 Sloping of Faces	x			Sloping of pit faces have occurred in various parts of the site (see sketch). The area east of Stonehenge was sloped in 2007/08 (+/- 2.3 ha) and is vegetated.	
D32 Grades/Contours/Elevations	x			As shown on the site plan with some minor variations on the pit floor.	
D33 Importation of Material (inert)	x			Off-site materials have been brought into the site for rehabilitation purposes (see page 2, amended note #9). Licensee to ensure only clean inert fill is used for rehabilitation.	
D34 Vegetation	x			Rehabilitated areas are well vegetated.	
D35 Final Rehabilitation	x			Site is still active. Progressive rehabilitation has occurred on site.	
<b>E - Prescribed Conditions (For Licences issued after June 27, 1997)</b>					
E36 Other Monitoring Reports			x	None required at this time.	
E37 Requirements of C of A's			x	Approvals are obtained, as required.	
E38 Noise Mitigation			x	Acoustical berms were constructed along the setback areas to mitigate noise on site and visually screen the site from the surrounding lands (see page 2, note #8).	
E39 Fuel Storage Tanks			x	Fuel is currently stored in above ground containers in the processing area on site (see page 3, note #11). See revised ops note on amended site plans.	
E40 Spills Plan			x	Corporate policy in place.	
E41 Permit to Take Water			x	Washing is permitted on site (see page 2, note #9 on site plans). Permit no. 72-P-0103 in place.	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			x	As required.	
<b>F - Other Conditions (As Indicated on either Site Plan or Licence)</b>					
F43 Tonnage Condition	x			Class "A" licence – 2,000,000 tonnes annually	
F44					
F45					
<b>General Comments:</b>					
Site plan amendment approved by MNR in 2007 regarding updating on-site buildings and fuel storage note.					
Relief (site plan override) granted for fencing and setback requirements around small expansion property. 1) No fencing required on the narrow strip east of the factory.					
B4 – Fencing was constructed along the southern perimeter of the extraction area to restrict access into the site (see site plan override for area adjacent to river). Repairs completed on licensed perimeter in 2013 to remove fallen trees, sections in poor repair or that had been cut.					
C9 - Trees have been cleared a minimum of 5 m from any active pit face.					
<b>Licence ID#: 5514</b>					

*Note: Any ("No") requires completion of Page 3*

**THIS SECTION MUST BE COMPLETED WHEN REMEDIAL ACTION IS REQUIRED**

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>June 15 / 99</i>	

**SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES**

OPERATING STANDARDS from Pg. 1 (e.g. B4 – Fencing)	Remedial Action Required	Deadline Date	MNR Direction (for MNR use only)

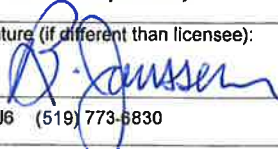
Sketch Included? (see note below)          Licence ID #: 5514           Additional Detailed Information Attached

**You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.**

**In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.**

Date Submitted to MNR: Y / M / D	2013 / 09 / 18	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:  (by September 30th)	County/Regional Municipality <input checked="" type="checkbox"/> YES	Local Municipality <input checked="" type="checkbox"/> YES	Ministry of Natural Resources <input checked="" type="checkbox"/> YES
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TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2013 / 05 / 13	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainslie St. North, 2 <sup>nd</sup> Floor, Cambridge, Ontario. N1R 3J6 (519) 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

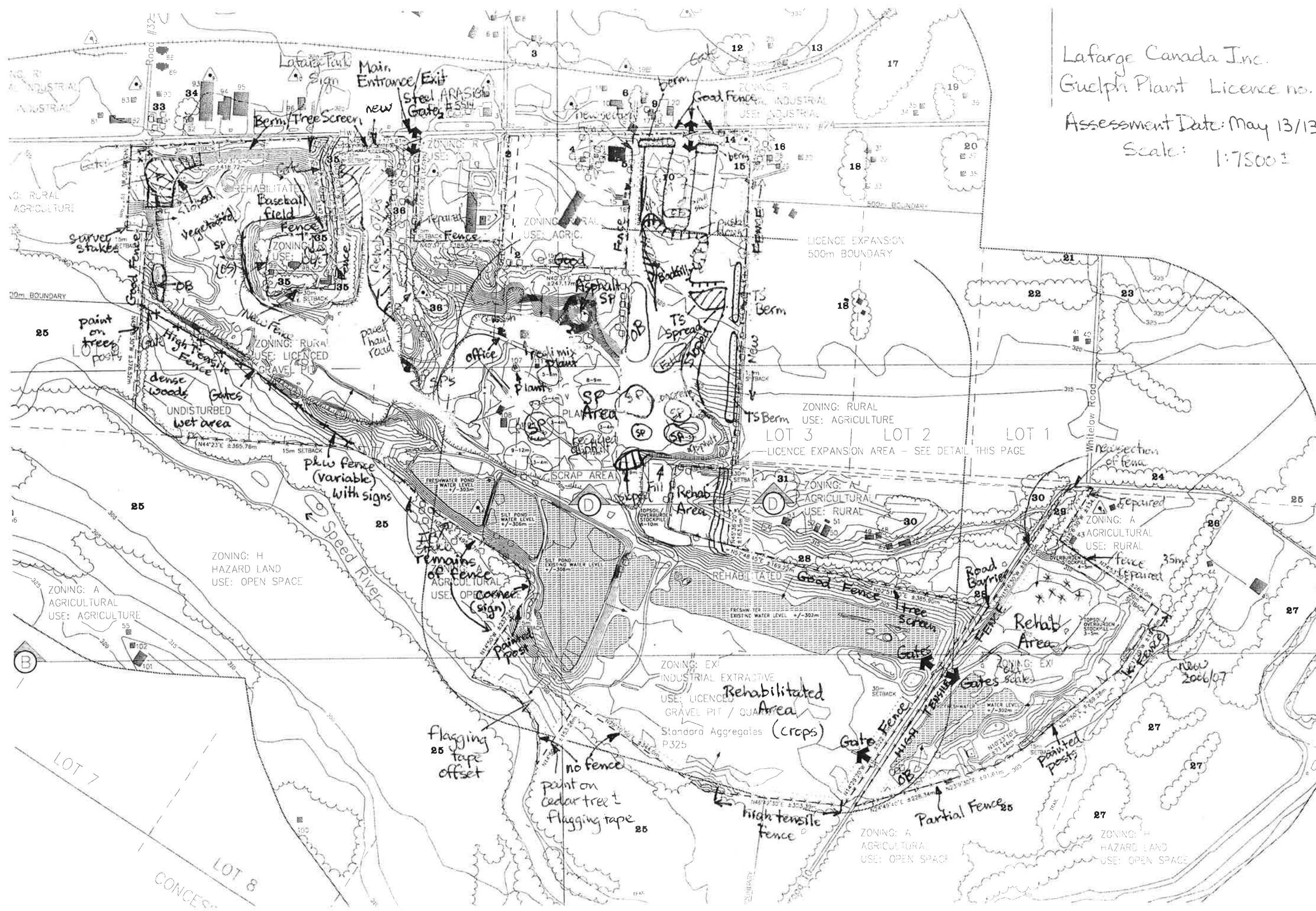
Signature of Licensee or Authorized Official: 
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FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 5514		

- Pursuant to Subsection 57(4) of the ARA, it is an offence to furnish false information.
- You must provide a sketch if remedial action is required or progressive rehabilitation has been performed.
- In order to extend the 90-day remedial action deadline date, you must obtain the Aggregate Inspector's approval (in writing) prior to filing the report with the Inspector or local MNR office.
- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

**(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)**

Lafarge Canada Inc.  
 Guelph Plant Licence no. 5514  
 Assessment Date: May 13/13  
 Scale: 1:7500 ±





6.9(a)(ii)

## Licensees Compliance Assessment Report - Aggregate Resources Act

<b>Background Information</b>			<b>Year: 2013</b>
Licensee: (Warren Bitulithic Limited) The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc.		Licence ID #: 10671 (McMillan pit)	MNR District/Area Office: Guelph
Lot: Part N1/2 23	Conc.: 1	Geographic Twp.: Puslinch	Municipality: Township of Puslinch

### Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
<b>A - Site Access</b>					
A1	X			Majority of boundaries are either fenced and signed or demarcated with hedgerows and the remains of various types of fences (see B5). See general comments.	Y
A2	X			Gates at the main entrance/exit along the north boundary are either closed or can be closed and locked. Conveyor access through adjacent Dufferin pit, discussed with MNR.	
A3 Lease/Ownership/Extraction Agreement: Lands are owned by licensee.					
<b>B - Site Protection</b>					
B4	X			Fence is maintained along the south and north boundaries of site. The west and east boundaries are partially fenced (see sketch) and shared with adjacent pits. See comments.	
B5	X			Site plan override is noted on the site plans for the west boundary shared with the adjacent CBM pit. See general comments.	
B6	X			Existing berms, vegetation and topography screen the pit from the adjacent uses shown on the site plans. Berm constructed in northeast part of site. See comments.	
B7	X			East setback area has been staked at 15 m. Removal of setback area between this pit and the adjacent licensed pits is conditional of approvals (page 2, note #1). See comments.	
<b>C - Operational Details</b>					
C8	X			Stripping and extraction proceeding south in parts of phases 1-3 as shown on the site plan. See note #18 on page 2 regarding the blending of materials.	
C9	X			Stripped topsoil and overburden stored in berms and stockpiles located on site and are available for rehabilitation of site (see page 3, note #5 on site plans). See comments.	
C10	X			Established berms are well vegetated. Stockpile has been placed north of the woodlot has been shaped and seeded.	
C11	X			Maximum depth allowed – +/- 301 m asl Lowest floor elevation +/- 307 m asl	
C12	X			There is a small wooden shed located at the north end of the site.	
C13	X			There is a dragline and loader currently operating on site (see page 2, notes #2, 8, 9, 10 and 15 on site plans).	
C14	X			No portable processing plant currently operating on the site (see page 2, notes #15 and 16iv on site plans).	
C15	X			Minimal amount of scrap currently stored on site. Scrap removal has been ongoing in 2013, as required (see page 2, note #12 on site plans).	
C16	X			Product stockpiles are located on the pit floor > 30 metres from the licensed boundaries, except along the common boundaries (see note #8 and site plan overrides on page 2).	
C17	X			Topsoil has been stripped in the eastern part of the site and stored in the berms and stockpiles on site (see page 2, note #5 on site plans).	
C18	X			Extraction occurred above the water table (see site plans). Existing pit faces vary from approximately 3 to 6 metres in height.	
C19	X			Below water extraction has started in the eastern parts of Areas 1 and 2. Below water extraction is permitted on site (see site plans).	
C20	X			Internal roads to be developed as required. Haul road at pit entrance/exit is paved for a distance of about 30 m from the road. See general comments.	
C21	X			Access to the site is from Puslinch Concession Road 2, a paved and designated haul road.	
C22		X		Licensed pit. No blasting to occur on site.	
C23	X			Water is applied on internal haul roads to control dust (see page 2, note #16 on site plans).	
C24	X			No restrictions on licence or site plans. Complies with local by-laws.	
C25	X			Groundwater monitoring is ongoing (see page 2, note #16ii).	
C26	X			Sign at the main entrance/exit of pit located at Concession Road #2 and is maintained.	
C27	X			Site is orderly.	
C28		X		Licensed pit. No blasting on site.	

*Note: Any ("No") requires completion of Page 3*

**Observations (continued)**

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
<b>D – Rehabilitation</b>					<b>Y</b>
D29 Disturbed Hectarage	X			Current year - # of hectares +/- 2.8	Total # of hectares +/- 20.8
D30 Progressive rehabilitation	X			Current year - # of hectares 0	Total # of hectares 0
D31 Sloping of Faces	X			Rehabilitation previously completed for wayside pit on site.	
D32 Grades/Contours/Elevations	X			As shown on the site plan. Extraction limits or maximum extraction depths have not been reached.	
D33 Importation of Material (inert)	X			Importation of fill is permitted (see note #14). Off-site materials have not been brought into the site for rehabilitation purposes. Some asphalt and concrete has been stockpiled on pit floor for recycling purposes.	
D34 Vegetation	X			Vegetation has been established in the northwest part of the site.	
D35 Final Rehabilitation	X			Only a small part of the site has been extracted below water table to date, in the initial phase of extraction. See comments.	
<b>E - Prescribed Conditions (For Licences issued after June 27, 1997)</b>					
E36 Other Monitoring Reports			X	None required at this time.	
E37 Requirements of C of A's			X	None required at this time.	
E38 Noise Mitigation			X	Noise to be mitigated on site as required (see page 2, note #16iv). Noise levels to be monitored annually during active extraction to determine whether additional mitigation measures are required.	
E39 Fuel Storage Tanks			X	No fuel is currently stored on site (see page 2, note #13 on site plans).	
E40 Spills Plan			X	Corporate policy in place (see page 2, notes #13 and #16iii & 16v regarding refuelling pad to be built when site becomes active).	
E41 Permit to Take Water			X	Extraction below the water table is permitted on the site but not dewatering (see site plans).	
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			X	As required (see page 2, note #16i).	
<b>F - Other Conditions (As indicated on either Site Plan or Licence)</b>					
F43 Tonnage Condition	X			Class "A" licence – 400,000 tonnes annually	
F44					
F45					
<b>General Comments:</b> A site plan amendment has been approved by MNR to address the following: a) site plan override for not fencing the mutual boundary(ies) shared with the adjacent west pit and b) proposed tree screen planting within the north setback area as shown on the site plans.					
Minor site plan amendment request approved in 2009 to allow flexible phasing and importation of clean fill into site for rehabilitation.					
Relief (site plan override) granted for stockpiling aggregate within 30 metres of the west and east licensed boundaries shared with the adjacent pits.					
A1 – Licensed boundaries are clearly demarcated with fences, signs, hedgerows, rock piles, painted trees or the remains of cedar, wire or stone fences (west and east boundaries). Steel posts and wooden stakes installed along east boundary.					
B4 – Repairs completed in 2013 for damaged and cut sections along north and south boundaries.					
B5 – Site plan variance approved for not fencing west boundary and there are discussions with adjacent operator regarding the east boundary.					
B6 – Topsoil and overburden placed along the west boundary (central), has been re-graded and shaped in 2013.					
B7 – No extraction permitted within the south woodlot (see page 2, note #4 regarding extraction setback from dripline of trees). East face was stabilized with aggregate and staked at 15 metres from marker posts. Extraction has reached large overburden pile adjacent to woodlot.					
C9 – Trees within the extraction area are removed once the active face is within 5 m of the tree(s).					
C20 - As shown on the operational plan, recycled asphalt was placed on the haul road into the pit for a distance of about 70 m from the gates (ie total distance of hard surface of > 85 m) and is maintained. Refer to MNR letter of 2004.					
D35 – See page 2, note #6 regarding the removal of surplus topsoil/subsoil from the site after final rehabilitation of the pond has been completed.					
<b>Licence ID#: 10671</b>					

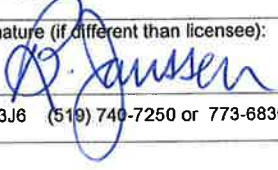
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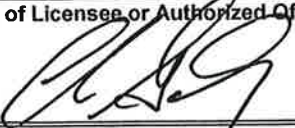




Date Submitted to MNR: Y / M / D	2013 / 09 / 18	Please ensure that the site plan you have is the most current, approved plan and is the same as the one MNR has on file.
Is the site held in reserve? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO		

Copies of Report Sent to:  (by September 30th)	County/Regional Municipality  <input checked="" type="checkbox"/> YES	Local Municipality  <input checked="" type="checkbox"/> YES	Ministry of Natural Resources  <input checked="" type="checkbox"/> YES
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TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2013 / 05 / 13	Review Conducted by: B. Janssen (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Harrington McAvan Ltd 55 Ainslie St. North, 2 <sup>nd</sup> Floor, Cambridge, Ontario. N1R 3J6 (519) 740-7250 or 773-6830			
Position with Company: Consultant hired by licensee to complete compliance assessment.			

Signature of Licensee or Authorized Official:  


FOR MNR OFFICE USE ONLY				
Accepted by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Accepted: Y / M / D	/ /	MNR Signature:
Field Audit by MNR: (✓ one)	YES <input type="checkbox"/> NO <input type="checkbox"/>	Date Inspected: Y / M / D	/ /	MNR Signature:
Follow up Notice Required?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Licence ID #: 10671		

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- Please submit this report to the local Aggregate Inspector who administers your site, or the local MNR office.

(NOTE: ALL INFORMATION IN RESPECT OF THIS REPORT IS AVAILABLE FOR PUBLIC REVIEW)

Warren Bitulithic  
MACMILLAN PIT  
ID 10671

Scale: 1:5300 ±  
Concrete Stockpiles

Assessment Date:  
May 13/13



see site plans for  
**Fence** variance  
on this  
mutual boundary

