

THE CORPORATION OF THE TOWNSHIP OF PUSLINCH

NOTICE OF PUBLIC MEETING

**APPLICATION TO AMEND THE TOWNSHIP ZONING BY-LAW
Barry and Jane Lee – D14-LEE**

TAKE NOTICE that the Council of the Corporation of the Township of Puslinch will hold a public meeting on Wednesday, October 16, 2013 at 6:00 p.m. in the Council Chambers of the Puslinch Municipal Complex at 7404 Wellington Road 34 in Aberfoyle to consider a proposed amendment to Zoning By-law 19/85 pursuant to the requirements of the Planning Act, R.S.O. 1990, as amended.

Location of Subject Land

The property subject to the proposed amendment is described as Part of Lot 16, Concession 10 in the Township of Puslinch, with a municipal address of 7751 Maltby Rd, and as illustrated on the key map below.

The Purpose and Effect of Application

The purpose of the proposed amendment is to rezone the subject property to satisfy conditions of severance application B117/12 which would create a vacant rural residential lot. The rezoning would remove provisions for farm help from the new lot and address Minimum Distance Separation 1 (MDS1) requirements from the barn on the property. The Natural Environment Zone is to remain unchanged.

Oral or Written Submissions

Any person may attend the public meeting and make an oral submission either in support of or in opposition to the proposed Zoning By-law amendment. Written submissions are also invited and should be directed to the Township Clerk at the address shown below. All those present at the public meeting will be given the opportunity to make an oral submission. However, we would request that those wishing to address Council at the public meeting notify the Township Clerk in advance of the public meeting.

Power of OMB to Dismiss Appeals

If a person or public body does not make oral submissions at a public meeting or make written submissions to the Township of Puslinch before the zoning by-law is passed, the person or public body is not entitled to appeal the decision of the Council of the Township to the Ontario Municipal Board.

If a person or public body does not make oral submissions at a public meeting, or make written submissions to the Township of Puslinch before the zoning by-law is passed, the person or public body may not be added as a party to the hearing of an appeal before the Ontario Municipal Board unless, in the opinion of the Board, there are reasonable grounds to do so.

Request for Notice of Decision

If you wish to be notified of the decision of the Township of Puslinch regarding a Zoning By-law amendment, you must make a written request to the Clerk at the address shown below.

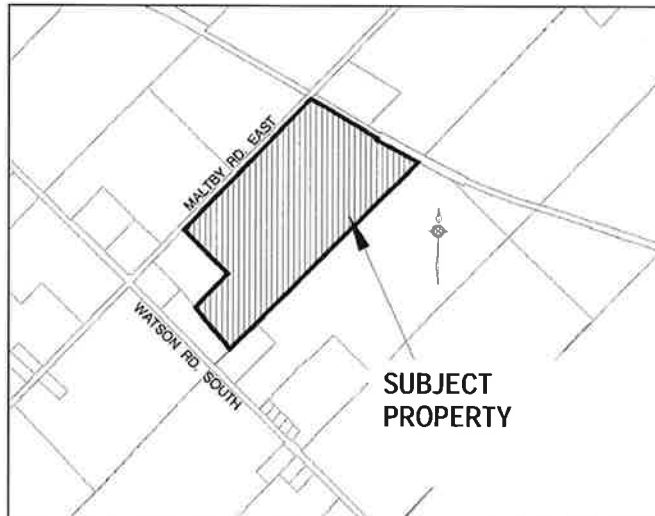
Additional Information

Additional information regarding this application is available at the Township municipal office at the address shown below.

Dated at the Township of Puslinch on this 20th day of September, 2013.

Karen Landry,
C.A.O/ Clerk
Township of Puslinch
R.R. 3 (Aberfoyle)
Guelph, Ontario
N1H 6H9

Phone: (519) 763-1226
klandry@puslinch.ca



5.2(1)

THE CORPORATION OF THE TOWNSHIP OF PUSLINCH

NOTICE OF PUBLIC MEETING

**APPLICATION TO AMEND THE TOWNSHIP ZONING BY-LAW
Cox Construction – D14-COX**

TAKE NOTICE that the Council of the Corporation of the Township of Puslinch will hold a public meeting on **Wednesday, October 16, 2013 at 6:15 p.m.** in the Council Chambers of the Puslinch Municipal Complex at 7404 Wellington Road 34 in Aberfoyle to consider a proposed amendment to Zoning By-law 19/85 pursuant to the requirements of the Planning Act, R.S.O. 1990, as amended.

Location of Subject Land

The property subject to the proposed amendment is described as Part of Lot 13, Concession 4 in the Township of Puslinch, with a municipal address of 6803 Laird Road, and as illustrated on the key map below.

The Purpose and Effect of Application

The purpose of the proposed amendment is to rezone the subject property to an appropriate aggregate extractive zone category to permit the expansion of the existing Puslinch Pit operated by Cox Construction Limited.

Oral or Written Submissions

Any person may attend the public meeting and make an oral submission either in support of or in opposition to the proposed Zoning By-law amendment. Written submissions are also invited and should be directed to the Township Clerk at the address shown below. All those present at the public meeting will be given the opportunity to make an oral submission. However, we would request that those wishing to address Council at the public meeting notify the Township Clerk in advance of the public meeting.

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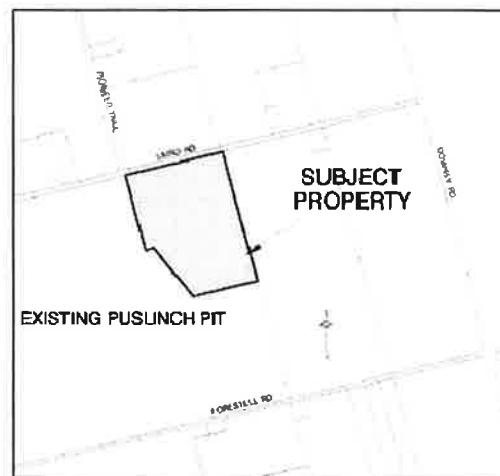
Additional Information

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Dated at the Township of Puslinch on this 20th day of September, 2013.

Karen Landry,
C.A.O/ Clerk
Township of Puslinch
R.R. 3 (Aberfoyle)
Guelph, Ontario
N1H 6H9

Phone: (519) 763-1226
klandry@puslinch.ca



6.1(a)



COUNTY OF WELLINGTON

PLANNING AND DEVELOPMENT DEPARTMENT
GARY A. COUSINS, M.C.I.P., DIRECTOR
TEL: (519) 837-2600
FAX: (519) 823-1694
1-800-663-0750

ADMINISTRATION CENTRE
74 WOOLWICH STREET
GUELPH, ONTARIO
N1H 3T9

October 7, 2013

Mrs. Karen Landry
C.A.O./Clerk
Township of Puslinch
R. R. 3 (Aberfoyle)
Guelph, Ontario
N1H 6H9

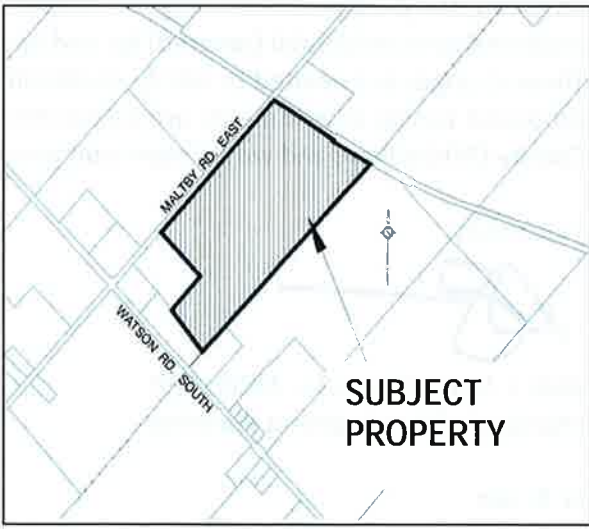
Dear Mrs. Landry,

Re: Proposed Zoning By-law Amendment - D14-LEE (P4/2013)
Pt. Lot 16, Concession 10, Township of Puslinch
7751 Maltby Road East
Barry and Jane Lee

This office has reviewed the above-referenced rezoning application and we provide Council with the following comments.

Location and Purpose of Rezoning

The land subject to the proposed rezoning application is located on the east side of the Township with frontage and access on Maltby Road (as identified in the key map to the right). The Guelph Junction Railway right of way is the eastern property limit. The rezoning application is necessary to satisfy conditions of severance application B117/12. The consent application would sever a 0.4 hectare (1 ac) vacant lot with a retained parcel of 30.8 hectare (76 ac). The property contains residential and farm buildings including a barn.



Matters to be Addressed through Rezoning

Provisional consent was granted by the Land Division Committee subject to various conditions. One of the Township's conditions relates to the current A-45 Zone on the property (i.e. second dwelling for farm help). This zoning is to remain on the retained parcel (agricultural lot), but to be removed from the proposed severed parcel.

It is the owner's intent to utilize the existing barn for livestock purposes. Based on MDS1 calculations, the barn would be impacted by the establishment of a new dwelling on the severed lot. In order to address this conflict, staff is recommending that an increased rear yard setback be applied to the severed lot (from 7.6 m to 20 m) and that the existing barn be capped in size to its current size. This provision would provide another 12.4 m setback from dwelling to barn. In our view, this approach would better serve agriculture by keeping a viable livestock building on a working farm while maintaining separation between a barn and a new residential dwelling.

Review of Agency Comments

The subject lands are designated SECONDARY AGRICULTURAL, CORE GREENLANDS and GREENLANDS. There is a small area of Core Greenlands along Maltby Road at the frontage of the proposed severed lot. In reviewing the consent application, the Grand River Conservation Authority advised that the subject property contains lands associated with the Arkell-Corwhin Provincially Significant Wetland Complex and other natural heritage features. As a condition of consent approval, the Authority requested additional environmental review and the submission of a development concept for the proposed severed lot.

In their letter to the Township dated July 23, 2013 regarding the proposed rezoning application, the Conservation Authority had no concerns but wanted to remind the land owner that the subject property falls within the GRCA's regulated area (Ontario Regulation 150/06). As such, any future development on the severed parcel will be subject to the Authority's development permit process. In terms of the amending by-law, we would recommend that the current Natural Environmental (NE) Zone on the property remain unchanged.

Conclusions

As noted, the purpose of rezoning the subject land is to remove the provision for farm help from the proposed new residential (severed) lot and to address the MDS1 requirements from the existing barn. These changes are needed to satisfy conditions of severance application B117/12. In our opinion, the proposed zoning amendments are consistent with the Provincial Policy Statement, conform to the County Official Plan, and would represent good planning.

Yours truly,



Aldo L. Salis, BES, M.Sc., MCIP, RPP
Manager of Development Planning

cc B. Lee



COUNTY OF WELLINGTON

PLANNING AND DEVELOPMENT DEPARTMENT
 GARY A. COUSINS, M.C.I.P., DIRECTOR
 TEL: (519) 837-2600
 FAX: (519) 823-1694
 1-800-663-0750

ADMINISTRATION CENTRE
 74 WOOLWICH STREET
 GUELPH, ONTARIO
 N1H 3T9

October 9, 2013

Mrs. Karen Landry
 C.A.O./Clerk
 Township of Puslinch
 R. R. 3 (Aberfoyle)
 Guelph, Ontario
 N1H 6H9

Dear Mrs. Landry,

**Re: Proposed Zoning By-law Amendment – D14-COX (P1/2012)
 Part of Lot 13, Concession 4, Township of Puslinch
 6803 Laird Road (West of Wellington Road 35)
 To permit the expansion of an aggregate extraction operation
 Puslinch Pit – Cox Construction Limited**

In response to the Notice of Public Meeting for the above-referenced rezoning application, we provide Council with the following comments.

Purpose of Rezoning

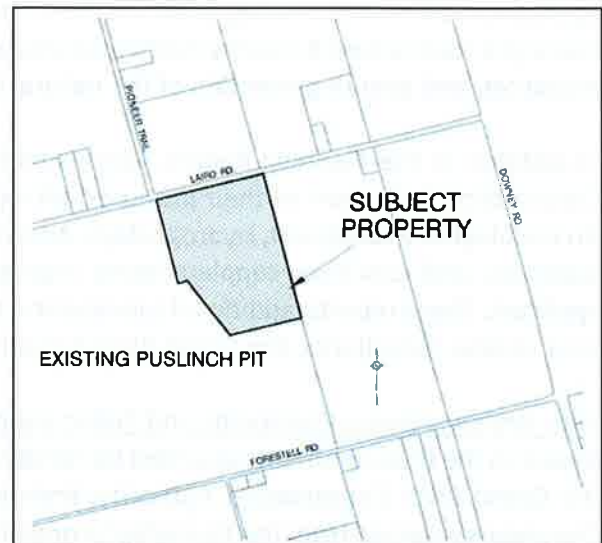
The applicant wishes to rezone a 19.5 ha (48 ac) portion of their property to permit the expansion of the Puslinch Pit. The subject land is part of the larger property owned by Cox Construction Limited that is currently licenced and zoned for aggregate extraction uses.

Location of Subject Property

The land subject to the proposed zoning by-law amendment is identified as Part of Lot 13, Concession 4 in the Township of Puslinch. The property is situated on the south side of Laird Road, west of Wellington Road 35 (Downey Road), east of Pioneer Trail, and west side of the City of Guelph (see key map).

Subject Property and Surrounding Lands

The subject property is currently used for agricultural purposes (field crops). Within this area of the Township there are other properties licenced for mineral aggregate extraction. In addition to the Puslinch Pit, Cox Construction owns and operates



aggregate sites west of Side Road 10. To the east of the subject land is the licenced Mast/Snyder Pit owned by CBM/St. Marys Cement (see Area Map attached). There are residential properties on the north side of Laird Road to the east and west of the subject land. In addition, there are large farm and non-farm properties situated to the north, including the Crooked Links golf course found to the northwest along Pioneer Trail.

Need for Zone Change

The site of the proposed pit expansion is to be used for mineral aggregate extraction, crushing, material stockpiling, berm construction, internal haulage of aggregate material, and ancillary uses. Below water table extraction is permitted on the Puslinch Pit and is proposed for the expansion land. The current zoning of the surrounding licenced areas, including the Mast/Snyder Pit immediately to the east, also permits extraction below the water table. A zone change from the current Agricultural (A) Zone to Extractive (EXI) Zone is required in order to permit the proposed aggregate uses.

Aggregate Licence Application

Cox Construction Limited has recently filed an application with the Ministry of Natural Resources for an aggregate licence for the subject land. Prior to approval of an aggregate licence, the Ministry requires confirmation that appropriate municipal zoning is in place.

Applicable Planning Policies

The current Official Plan designation of the subject land is Prime Agricultural. This land is within the Mineral Aggregate Area overlay and therefore the proposed rezoning would not require an amendment to the County Official Plan. In the Planning Report prepared by Stovel & Associates (November 2011), the proponent's consultant addressed the relevant planning policies regarding an application for aggregate extraction in a Prime Agricultural Area. The report refers to the applicable policies of the Provincial Policy Statement (PPS 2005) and the County Official Plan.

Technical Assessments and Additional Information

In order to address Provincial and County policies regarding the proposed change in land use, the applicant must assess, among other matters, that the pit expansion would not negatively impact the municipal road network, nearby residential and agricultural land uses, water supplies and groundwater resources, and ensure protection of the natural heritage features and ecological functions in the area.

In addition to the Planning Report, various technical studies were completed and submitted by Cox Construction in support of their proposed pit expansion. Those reports include: Summary Statement, Archaeological Assessment, Hydrogeologic Assessment, and Natural Environment Report. In response to questions and concerns, supplementary reports and revised site plans were later provided by the applicant. These reports, additional submissions, and revised site plans were reviewed by the Township's peer review consultants, the Grand River Conservation Authority, and others.

Peer Review, Agency Comments and Public Input

Based on the final comments provided by Harden Environmental Services, GWS Ecological Services, and the Grand River Conservation Authority, their initial comments and concerns have been addressed. Comments received from the Township's consulting engineers indicated no concerns with the proposed

zone change application. Revised aggregate site plans (amended to reflect comments raised by the Township's peer review consultants) have also been deemed satisfactory by the peer review consultants.

Comments regarding the proposed pit expansion were submitted to the Township from area residents. One of the main concerns related to water supply and water quality. Responses to those concerns were provided by the applicants planning and hydrogeological consultants. Matters related to potential surface and groundwater impacts of the proposed pit expansion were reviewed and addressed in the hydrogeologic report prepared by Groundwater Science Corp. As noted, Harden Environmental and the GRCA were satisfied with the proponent's assessment, site mitigation measures, and the recommended groundwater monitoring program proposed for the site. Additional comments on this matter are provided below.

The City of Guelph provided an initial response to the notice of application, but so far has not provided any detailed comments or concerns.

Groundwater Protection

The subject land is identified as a Well Head Protection Area 3 on Schedule B7 of the County Official Plan (medium to low aquifer vulnerability). The applicant's hydrogeologist (Groundwater Science Corp.) has reviewed the relevant of the Official Plan (Section 4.9.5.8) to ensure conformity with the objective of the County's groundwater protection policies. To address the applicable policies, Cox Construction will limit activities on the subject land and will also incorporate best management practices through the site operations plan. More specifically, the proponent has agreed that at this site there will be:

- no asphalt plants;
- no concrete batching plants;
- no bulk fuel or bulk oil storage or related dispensing facilities;
- no above or below ground stationary fuel storage tanks;
- no use or storage of recyclable or imported materials for blending purposes;
- no outdoor bulk storage of road salt; and
- no collection/dumping of waste snow.

Further, as contained on the most recent Operational Plan, the proponent will only apply pesticides and herbicides to control infestations and such treatment will only be carried out by certified professionals with prior notice to the Township. The Operational Plan also contains a detailed Spills Contingency and Response Program.

The proposed Grand River Source Protection Plan (SPP) is currently before the Ministry of the Environment for approval. The use of land for aggregate extraction is not deemed a significant drinking water threat pursuant to the Clean Water Act. However, some activities that could be associated with an aggregate use, such as fuel storage and the storage and handling of organic solvents, are potential threats in some cases and will need to be appropriately restricted or managed in accordance with the requirements of an approved Source Protection Plan. When the Grand River Source Protection Plan is approved, the applicant may be required to address the applicable SPP policies and provisions on current licenced sites and any approved expansion areas.

Rehabilitation of Existing Licenced Areas

As previously reported to the Township, in response to concerns regarding the rehabilitation of the extracted areas of the Puslinch Pit, late last year Cox Construction arranged a tour of their existing operations. At that time, the proponent with their consultant reviewed the areas of active extraction, aggregate processing, as well as progressive rehabilitation. The Township was advised that approximately 100 acres of the Puslinch Pit (east of Side Road 10) was rehabilitated or was undergoing rehabilitation.

Upcoming Public Meeting

There appear to be no outstanding technical concerns from the Township's peer reviewers or other review agencies regarding the proposed zoning application. The upcoming Statutory Public Meeting will provide an opportunity for the community to provide input in the review of this application.

We trust that these comments are of assistance to the Township.

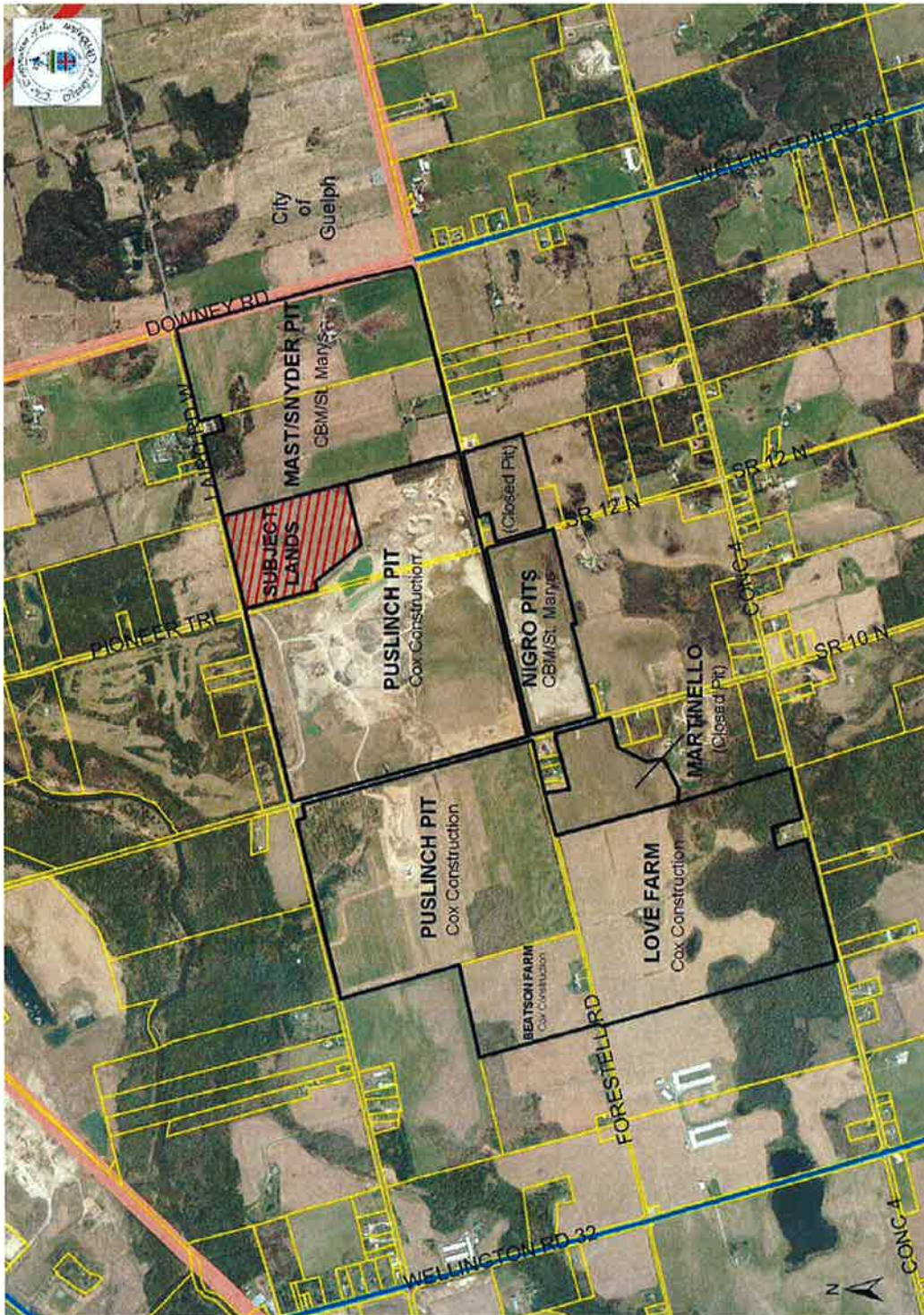
Yours truly,



Aldo L. Salis, BES, M.Sc., MCIP, RPP
Manager of Development Planning

Attach. – Area Map (1 page)

AREA MAP



6.3(a)

RECEIVED

JUL 16 2013

Township of Puslinch



Harden Environmental

4622 Nassagaweya-Puslinch Townline R.R. 1 Moffat Ontario Canada L0P 1J0
Phone: 519.826.0099 fax: 519.826.9099 www.hardenenv.com

- Groundwater Studies
- Geochemistry
- Phase I / II
- Regional Flow Studies
- Contaminant Investigations
- OMB Hearings
- Water Quality Sampling
- Monitoring
- Groundwater Protection Studies
- Groundwater Modelling
- Groundwater Mapping

Our File: 0004

July 16, 2013

Township of Puslinch
R.R. 3
Guelph, ON
N1H 6H9

Attention: Karen Landry
CAO



CLERK'S DEPARTMENT	
Copy	
Please Handle	
For Your Information	✓ No
Council Agenda	✓ Comments
File	✓ Oct 16 113

Dear Mrs. Landry:

Re: Review of 2012 Mill Creek Aggregates Pit Report

We are pleased to submit a review of groundwater and surface water conditions at Mill Creek Aggregates site as presented in the 2011 Monitoring Report.

Genivar Response to Observed Changes to the Groundwater Flow System

The 2012 report includes a response to Harden Environmental's request for an interpretation of the observed water level changes at the site. In 2010 and 2011 Harden commented on the decrease in seasonal water level change observed in wetland monitors adjacent to the extraction area. The response by Genivar states that despite the change in magnitude, the seasonal water level change is within historical range and that recent biological investigations do not find that the change in the water level pattern is affecting plant growth or health. We are satisfied with the response provided and trust that future monitoring reports will comment on this issue.

Genivar Response to Stream Flow Measurement Issue

Historical streamflow measurements have included data that indicated less streamflow downstream of the Mill Creek Aggregates site than upstream. There should naturally be more flow downstream than upstream because of the increased watershed contribution area measured

at the downstream station. The Genivar response discusses limitations to the accuracy of streamflow measurements ($\pm 20\%$) and issues with ice-dams. We appreciate these limitations to stream flow measurements however, this does not provide any assurance that historical measurements or future measurements are meaningful.

Water levels 2012

Water levels obtained at SW2 and DP5A/DP5B/C record a significant low water level event in 2012. These stations are downgradient of the site within Mill Creek. Historic low water levels occur in several places at the site including groundwater monitors DP19, 92-15, BH7, 92-14 and 92-12. Historic low values can be expected within the pit as a result of the lake leveling effect within Phase 3. However, low values found at SW2 and DP5A/5B/C are not easily explained considering that groundwater levels west of Phase 3 are generally higher than historically observed. The growing body of water in Phase 3 should moderate water level changes in Mill Creek; however, this does not appear to be the case in 2012. We note that Silt Pond 1 was constructed between stations SW2, DP5A and the Phase 3 pond. We recognize that 2012 was a dry year; however, the observations of historically low water levels in Mill Creek downgradient of the site should be reviewed in case site activities are complicit.

Water Temperatures 2012

Groundwater temperatures are changing west of the Phase 3 Pond. Water moving from the Phase 3 pond towards Mill Creek is heated during the summer and cooled in the winter. The temperatures measured in groundwater monitors west of the Phase 3 pond clearly show the influence of thermal storage in the summer months and heat loss in the winter months. The temperature change is measured in groundwater monitors within 30 metres of the pond. The same temperature change is not observed in groundwater monitors approximately 100 metres from the pond. To date, temperature changes have not been observed in drive points within Mill Creek.

Streamflow

The streamflow monitoring station at SW2 was modified in 2012 and thus improvements to streamflow may not be apparent until the 2013 report is released.

Summary

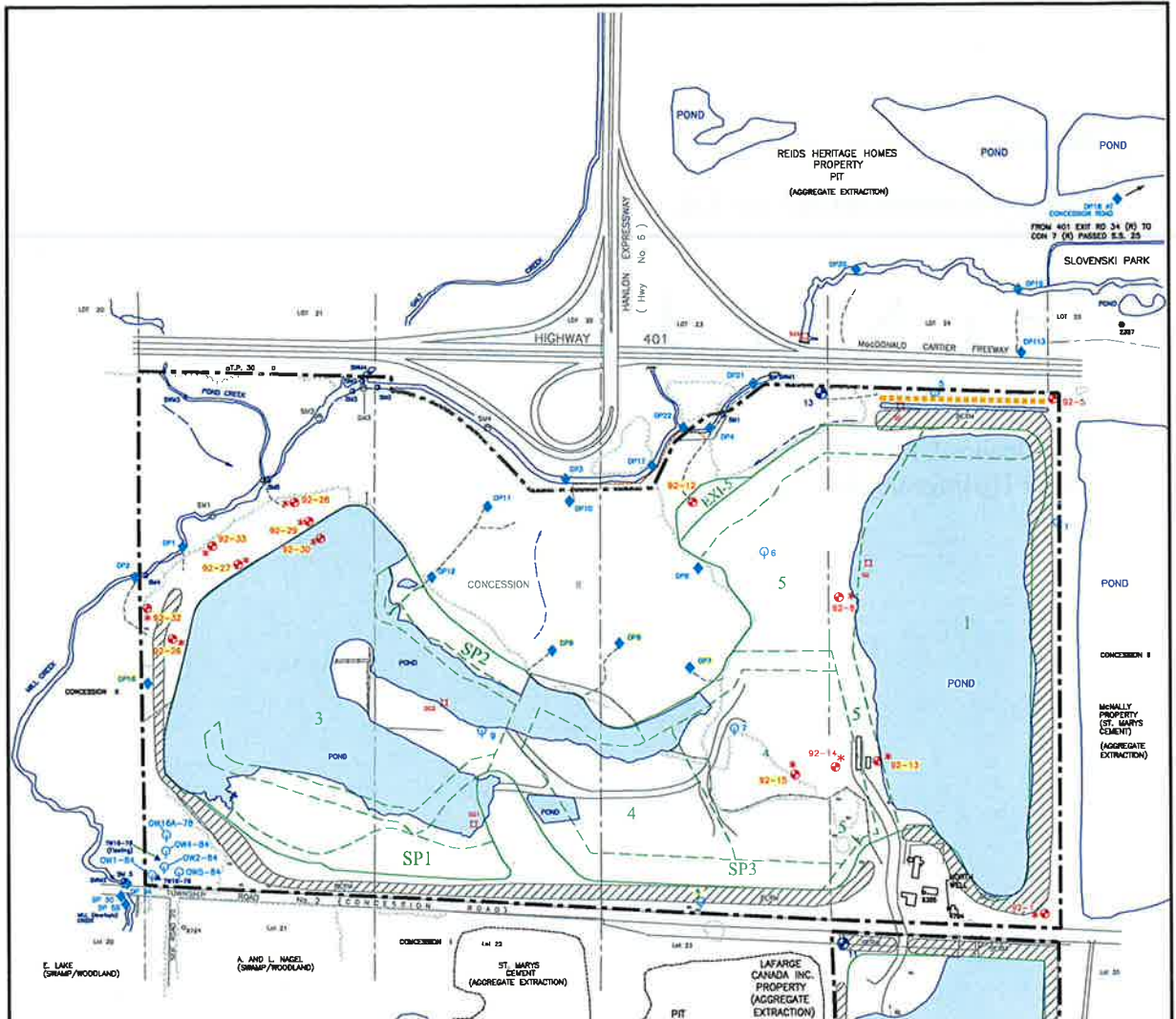
The amount of data collected for this site is unprecedented with respect to aggregate sites in Ontario. The data collected in 2012 confirms that the volume of groundwater flow to Mill Creek is not diminishing and that a thermal impact to the creek has not occurred. The occurrence of historical low water levels at SW2 and DP5A should be evaluated for possible interference by Silt Pond 1.



Sincerely,

Harden Environmental Services Ltd.

Stan Denhoed, P.Eng., M.Sc.
Senior Hydrogeologist

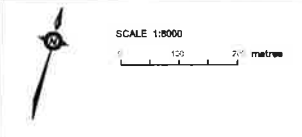


GROUNDWATER MONITOR LOCATIONS

FIGURE
2

2012 ANNUAL GROUNDWATER MONITORING REPORT MILL CREEK AGGREGATES PIT Township Of Puslinch for Dufferin Aggregates

- LEGEND
- SP1 SALT POND AND DESIGNATION
 - WETLANDS
 - POND
 - NATURAL DRAINAGE
 - WATER WELL WITH MOE IDENTIFICATION NUMBER
 - CREEK
 - GATE
 - WOODLANDS/CREST (MIXED)
 - BOUNDARY OF LICENCED PROPERTY
 - SEEPAGE METER DESIGNATION AND APPROXIMATE LOCATION (BY J. FITZGERALD/NO LONGER OPERATIVE)
 - RECHARGE TRENCH
 - APPROVED PHASING
- SP3 (E.P. PIT)
 - BOREHOLE
 - HYDROTELEPHONE LINE
 - POST AND WIRE FENCE
 - BUILDING
 - TEST WELLS
 - GROUNDWATER MONITOR INSTALLATION
 - SURFACE WATER MONITORING STATION
 - RESOURCE BOREHOLE (1982)
 - GROUNDWATER MONITOR (2002)
 - DEPOSITS STAND-PIE MONITOR INSTALLED
 - DEPOSITS DATALOGGER INSTALLED
 - STREAM QUALITY AND FISHERIES MONITORING STATIONS (WATER QUALITY BIOLOGICAL/FISHERIES AS PER FAUN AQUATICS REPORT)
 - DRIVE POINT
 - STAFF GAUGE AND DESIGNATION



NOTES:
BASE MAPPING BY PLANNING INITIATIVES LTD. DATED AUGUST 1987, DRAWING NUMBERS 1A AND 1B OF 4.

PROJECT: 111-52058-00
DATE: MARCH 2013
REF. NO.: 111-52058-00 105 P2-SP



6.3 (b).

Environment & Properties



Dufferin Aggregates
2300 Steeles Ave W, 4th Floor
Concord, ON L4K 5X6
Canada

Phone +1 905 878 6051 ext 632
Fax +1 905 761 7505
kevin.mitchell@holcim.com
Mobile +1 416 788 0015
www.holcim.ca

RECEIVED

OCT 02 2013

Township of Puslinch

Ministry of Natural Resources
Guelph District Office
1 Stone Road West
Guelph, ON
N1G 4Y2

Attention: Ms. Sarah deBortoli, Aggregates Technical Specialist

September 26, 2013

Subject: Dufferin Aggregates 2013 Compliance Assessment Report Mill Creek Pit

Dear Ms. deBortoli,

Please find enclosed the Dufferin Aggregates 2013 Compliance Assessment Report for Mill Creek Pit, Licence ID No. 5738.

Please do not hesitate to contact our office should you have any questions.

Yours truly,

Kevin Mitchell
Manager Environment & Properties

cc: Clerk - County of Wellington
Philip Wong - University of Guelph
CAO, Clerk-Treasurer - Township of Puslinch

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information

Year: 2013

Licensee: University of Guelph		Licence ID #: 5738 (Mill Creek Pit)		MNR District/Area: Guelph
Lot: 21 - 24 24	Conc.: 2 1	Geographic Twp.: Puslinch Township		Municipality: County of Wellington

CLERK'S DEPARTMENT
TO COUNCIL
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00-10p HB

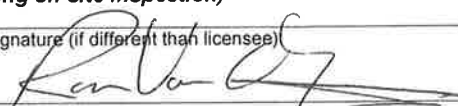
Observations


OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1 Boundaries (clearly marked)	X			Boundaries marked. Relief for fencing along west boundary. Required signage is in place.	
A2 Entrance and Exits (location/closed)	X				
A3 Lease/Ownership/Extraction Agreement	X			Site is owned by the University of Guelph, Holcim (Canada) Inc, operates the site as per an extraction agreement.	
B - Site Protection					
B4 Fencing	X				
B5 Fencing (site plan variation or temporary relief granted)	X			Details for relief on fencing on site plans. Fences along Concession 2 have been vandalized and damaged on numerous occasions in the past. Fences were repaired in 2012 and continue to be closely monitored. Appropriate signage is in place.	
B6 Screening (trees/berms)	X			Berms are in place as required.	
B7 Setbacks (15m / 30m or other)	X				
C - Operational Details					
C8 Operating Sequence	X			Extraction is occurring in phase 2, phase 3, and the extension of silt pond 3. Extraction in phase 4 will begin once silt barrier is in place to separate the phase 3 and phase 4 ponds.	
C9 Stripping (overburden)	X			Remaining overburden from phase 3 was placed on silt pond 3. Stripping in Phase 4 is to be completed in winter of 2014 and resulting overburden will be used to continue the rehabilitation of silt pond 3.	
C10 Overburden Seeded	X			Overburden seeding will be completed when the stripping indicated in C9 is complete and silt pond 3 has been fully shaped. Also, shoreline rehabilitation will continue along silt ponds 1 and phase 3 pond after the phase 3 pond is separated from the phase 4 pond. This will include shoreline shaping and seeding.	
C11 Extraction Depth	X			Below water extraction is approx. 4-10 m below the floor elevation in Phase 3, 10m in Phase 2. Lowest floor elevation: ± 290 m asl	
C12 Buildings/Scales (location)	X			Buildings are located as illustrated on site plans.	
C13 Equipment (any specific conditions or restrictions)	X				
C14 Plant (location/any specific conditions or restrictions)	X			As per site plan	
C15 Scrap (location/removal)	X			Removed on an on-going basis.	
C16 Stockpiles (location)	X				
C17 Topsoil (location/seeded)	X			Some of the topsoil that was stockpiled in phase 4 is being placed on silt pond 3 to continue with progressive rehab efforts. This began in the summer of 2013 (June/July) and will continue in 2014.	
C18 Excavation Faces	X				
C19 Ponds (location/depth)	X				
C20 Internal Roads (any specific conditions or restrictions)	X				
C21 Haul Routes (external/any specific conditions or restrictions)	X			Followed as per licence conditions and dust control measures implemented as required.	
C22 Blast Monitoring Report (quarries only)			X		
C23 Dust Suppression	X			Paved entrance, liquid calcium chloride (June 8 th 2013) and water as required. Entrance sweeping as required.	
C24 Hours of Operation (any specific conditions or restrictions)	X			Operations: 7 am to 7 pm Mon - Fri, 7 am - noon Sat Shipping: 6 am to 7 pm Mon - Fri, 7 am - noon Sat.	
C25 Well Monitoring Reports	X			Submitted monthly and annually as required to MNR, MOE, GRCA, & Township.	
C26 Identification Sign (as per Sect. 5.22 of Provincial Standards)	X			Located at entrance to both Phase 1 and Phase 2	
C27 Orderly Conditions	X				
C28 Blasting Hours (quarries only)			X		

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

Date Submitted to MNR: Y / M / D	2013 / 09 / 26	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	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2013/07/31	Review Conducted by: Ron Van Ooteghem (Please Print)	Signature (if different than licensee) 
Name of Company and Address: Dufferin Aggregates - A division of Holcim (Canada) Inc., 2300 Steeles Avenue West, 4 th Floor, Concord, Ontario L4K 5X6			
Position with Company: Site Manager			

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 #:		

- 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)

6.4-(a)

Environment & Properties



Dufferin Aggregates
2300 Steeles Ave W, 4th Floor
Concord, ON L4K 5X6
Canada

Phone +1 905 878 6051 ext 632
Fax +1 905 761 7505
kevin.mitchell@holcim.com
Mobile +1 416 788 0015
www.holcim.ca

RECEIVED

OCT 02 2013

Ms. Sarah deBortoli
Aggregates Technical Specialist
Ministry of Natural Resources - Guelph District Office
1 Stone Road West, 1st Floor
Guelph, ON N1G 4Y2

Township of Puslinch

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September 26, 2013

Subject: Dufferin Aggregates 2013 Compliance Assessment Reports – Aberfoyle Pits

Dear Ms. deBortoli,

Please find enclosed the 2013 Compliance Assessment Reports for the following Dufferin Aggregates licensed properties in the Township of Puslinch, County of Wellington:

1. Aberfoyle Pit#1 Licence #5483
2. Aberfoyle Pit #2 Licence #5609

Please do not hesitate to contact our office should you have any questions.

Yours truly,

Kevin Mitchell
Manager Environment & Properties

cc: Clerk - County of Wellington
CAO, Clerk-Treasurer - Township of Puslinch

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information

Year: 2013

Licensee: Dufferin Aggregates, a division of Holcim (Canada) Inc.

Licence ID # 5609
(Aberfoyle Pit #2)

MNR District/Area Office: Guelph

Lol. 22 and 23

Conc.: 9

Geographic Twp.: Puslinch Township

Municipality: County of Wellington

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1 Boundaries (clearly marked)	X			Setbacks between Dufferin and CBM along north boundary have been approved for removal. This boundary is currently marked with stakes	
A2 Entrance and Exits (location/closed)	X			Site is currently not in operation and there has been no activity to date at this location in 2013	
A3 Lease/Ownership/Extraction Agreement	X			Owned by Holcim (Canada) Inc.	
B - Site Protection					
B4 Fencing	X			Relief for fencing along north boundary between Dufferin Aggregates and CBM	
B5 Fencing (site plan variation or temporary relief granted)	X			Refer to site plans for relief on fencing	
B6 Screening (trees/berms)	X				
B7 Setbacks (15m / 30m or other)	X			Refer to site plans for detail on relief from setback details. Setbacks between Dufferin and CBM along north boundary have been approved for removal	
C - Operational Details					
C8 Operating Sequence	X			No extraction occurred in 2013	
C9 Stripping (overburden)	X				
C10 Overburden Seeded	X				
C11 Extraction Depth	X			Below water extraction is approx. 10 m below the floor elevation Lowest floor elevation: ±312 m asl	
C12 Buildings/Scales (location)	X			None on site	
C13 Equipment (any specific conditions or restrictions)	X			No mobile equipment or plant equipment on site, no fuel on site, fuel tank has been removed.	
C14 Plant (location/any specific conditions or restrictions)	X			No plant equipment on site	
C15 Scrap (location/removal)	X			All scrap has been removed	
C16 Stockpiles (location)	X			No stockpiles	
C17 Topsoil (location/seeded)	X				
C18 Excavation Faces	X				
C19 Ponds (location/depth)	X			Ponds created by below water extraction as illustrated on site plans	
C20 Internal Roads (any specific conditions or restrictions)	X				
C21 Haul Routes (external/any specific conditions or restrictions)	X			No material shipped in 2013	
C22 Blast Monitoring Report (quarries only)			X		
C23 Dust Suppression	X			Liquid calcium chloride, applied as necessary. No application in 2013 as site is not in operation	
C24 Hours of Operation (any specific conditions or restrictions)	X			No restrictions as per the ARA. Township of Puslinch bylaw being adhered to – 8 am to 6 pm Monday to Friday. Pit is not operating in 2013	
C25 Well Monitoring Reports	X			Submitted as required	
C26 Identification Sign (as per Sect. 5.22 of Provincial Standards)	X			Sign is located at entrance	
C27 Orderly Conditions	X				
C28 Blasting Hours (quarries only)			X		

CLERK'S DEPARTMENT

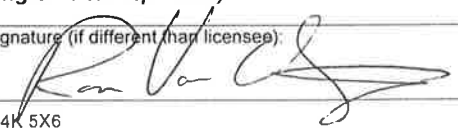
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Note: Any ("No") requires completion of Page 3

Date Submitted to MNR: Y / M / D	2013 / 09 / 26	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 checked="" type="checkbox"/> YES or <input type="checkbox"/> NO		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2013/07/22	Review Conducted by: Ron VanOoteghem (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Dufferin Aggregates, 2300 Steeles Avenue West, 4 th Floor, Concord, Ontario L4K 5X6			
Position with Company: Site Manager			

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 #:		

- 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)

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information			Year: 2013
Licensee: Dufferin Aggregates, a division of Holcim (Canada) Inc.		Licence ID #: 5483 (Aberfoyle Pit #1)	MNR District/Area Office: Guelph
Lot: 23 and 24	Conc: 7	Geographic Twp.: Puslinch Township	Municipality: County of Wellington

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					Y
A1	Boundaries (clearly marked)	X		Fences are signed. The south and west boundary between Dufferin Aggregates and CBM is marked with stakes due to override for fencing along this boundary.	
A2	Entrance and Exits (location/closed)	X			
A3	Lease/Ownership/Extraction Agreement	X		Owned by Holcim (Canada) Inc.	
B - Site Protection					
B4	Fencing	X			
B5	Fencing (site plan variation or temporary relief granted)	X		Refer to site plans for details on site plan override for fencing requirements	
B6	Screening (trees/berms)	X			
B7	Setbacks (15m / 30m or other)	X			
C - Operational Details					
C8	Operating Sequence	X		Site is not currently in operation. No processing of aggregate is occurring at this time.	
C9	Stripping (overburden)	X			
C10	Overburden Seeded	X			
C11	Extraction Depth	X		No extraction currently occurring.	Lowest floor elevation ± 303 m asl
C12	Buildings/Scales (location)	X			
C13	Equipment (any specific conditions or restrictions)	X			
C14	Plant (location/any specific conditions or restrictions)	X		Material can be imported from other licensed sites for processing. No processing in 2013.	
C15	Scrap (location/removal)	X		Scrap & remaining plant equipment is being removed on an on-going basis. Some components are being stored on site for future use.	
C16	Stockpiles (location)	X		Site is not operating however existing inventory is being depleted as dictated by sales demands.	
C17	Topsoil (location/seeded)	X			
C18	Excavation Faces	X		No excavation faces.	
C19	Ponds (location/depth)	X			
C20	Internal Roads (any specific conditions or restrictions)	X			
C21	Haul Routes (external/any specific conditions or restrictions)	X		None specified	
C22	Blast Monitoring Report (quarries only)		X		
C23	Dust Suppression	X		Paved entrance, use of water truck as required. Entrance sweeping as required. Due to low activity, no dust suppressant (liquid calcium chloride) was required in 2013.	
C24	Hours of Operation (any specific conditions or restrictions)	X		No restrictions, plant not in operation in 2013.	
C25	Well Monitoring Reports		X		
C26	Identification Sign (as per Sect. 5.22 of Provincial Standards)	X			
C27	Orderly Conditions	X			
C28	Blasting Hours (quarries only)		X		

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

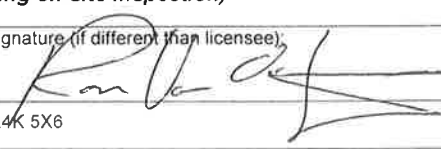
Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares : 0 Total # of hectares : 29.46	
D30 Progressive rehabilitation	X			Current year - # of hectares : 0 Total # of hectares : 2.37	
D31 Sloping of Faces	X				
D32 Grades/Contours/Elevations	X				
D33 Importation of Material (inert)	X				
D34 Vegetation	X				
D35 Final Rehabilitation	X				
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			X		
E37 Requirements of C of A's			X		
E38 Noise Mitigation			X		
E39 Fuel Storage Tanks			X		
E40 Spills Plan			X		
E41 Permit to Take Water			X		
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			X		
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 - Tonnage	X			Maximum annual limit of 500,000 tonnes	
F44					
F45					
General Comments:					
Licence ID#: 5483					

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

Date Submitted to MNR: Y / M / D	2013 / 09 / 26	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 checked="" type="checkbox"/> YES or <input type="checkbox"/> NO Operating as a plant site		

Copies of Report Sent to: (by September 30th)	County/Regional Municipality	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	2013/07/15	Review Conducted by: Ron Van Ooteghem (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Dufferin Aggregates, 2300 Steeles Avenue West, 4 th Floor, Concord, Ontario L4K 5X6			
Position with Company: Site Manager			

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 #:		

- 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)

6.5(a)



Groundwater Science Corp.

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SEP 11 2013

Township of Puslinch

328 Daleview Place, Waterloo, ON N2L 5M5 Phone: (519) 746-6916 Email: apentney@rogers.com

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Email Report

To: Colin Evans, CBM From: Andrew Penney
 Email: CREvans@vcsmc.com Pages: 2
 Phone: (416) 423-1300 Date: September 11, 2013
 Re: Puslinch Pit – Licence No. 17600 August 2013 Monitoring Report CC: MNR, Township of Puslinch, Harrington McAvan Ltd.

This Report summarizes the results of the groundwater monitoring program for the CBM Puslinch Pit as per the Hydrogeological Recommendations of the current Pit Licence.

Below Water Table Extraction

CBM reports that no below water gravel extraction occurred at the site in August of 2013.

Water Level Monitoring and Threshold Status

During non-extraction periods water level measurements are obtained by CBM on a monthly basis. The reported April to August water level measurements, compared to threshold values, are summarized as follows:

Location	Threshold (mAMSL)	Measured Water Level Elevation (mAMSL)					
		Apr 3	Apr 16	May 15	June 19	July 23	Aug 28
MP1	-	306.68	306.82	306.94	306.96	306.97	306.85
MP2	-	306.16	306.29	306.45	306.47	306.50	306.39
MP3	305.27	306.12	306.34	306.42	306.44	306.46	306.33
MP4	305.27	306.15	306.25	306.45	306.48	306.49	306.39
MP7	-	306.34	306.49	306.70	306.71	306.71	306.58
North Pond	305.64	306.84	306.89	307.04	307.05	307.07	306.96
South Pond	305.34	306.29	306.39	306.58	306.61	306.63	306.52

As indicated by the weekly measurements, there were no threshold exceedances observed and no Action Response in August 2013.

There is no current “Declared Low Water Condition” reported for Mill Creek and streamflow rates are currently shown to be within “Normal Summer Lowflow”, as shown on the GRCA Low Water Response web site.

The monitoring program is proceeding as per the Licence requirements, and monthly summaries will continue to be provided during the operational season.

September 11, 2013

If you have any questions or require further information please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "Andrew Pentney". The signature is written in a cursive style with a long, sweeping tail on the final letter.

Andrew Pentney, P.Geo.
Hydrogeologist

6.6(a)

ROBERT GIBSON CONSULTING SERVICES INC.

15 IDLEWOOD DRIVE
KITCHENER, ONTARIO
N2A 1H9

Phone (519) 894-0273
Fax (519) 894-9526
Email gibsonr@rogers.com

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OCT 02 2013
Township of Puslinch

September 25, 2013

Ministry of Natural Resources
Guelph District Office
1 Stone Road W., 1st Floor
Guelph, Ontario
N1G 4Y2

Attention: Sarah deBortoli, Aggregate Resource Technician Intern

Dear Sarah;

SUBJECT: Annual Compliance Assessment Report for 2013
Licence # 5654 (Martini Pit)
North 1/2 Lot 4, Concession 4
Township of Puslinch
Licensee: Preston Sand & Gravel Company Limited

Enclosed is the Compliance Assessment Report for the gravel pit licensed to Preston Sand & Gravel Company Limited at the above noted location. Copies of the report have been filed with the Township of Puslinch and the County of Wellington.

If you have any questions regarding the report, please contact me at my office.

Yours truly,



Robert J. Gibson

Encl.

cc: Preston Sand & Gravel Company Limited
Township of Puslinch
County of Wellington

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Licenses Compliance Assessment Report - Aggregate Resources Act

Martini Pit

Background Information

Year: 2013

Licensee: Preston Sand & Gravel Company Limited

Licence ID #: 5654

MNR District/Area Office: Guelph District

Lot: N.1/2 4

Conc.: 4

Geographic Twp.: Puslinch

Municipality: Wellington County

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1 Boundaries (clearly marked)	x			Boundaries along former Cox pit and Twp Rd. 4A are identified by post and wire fencing. Marker posts between former Capital pit (Dolime)	
A2 Entrance and Exits (location/closed)	x			Gate located at entrance/exit controls access from Twp. Rd. 5. Gate not located as shown on Oper. Plan.	
A3 Lease/Ownership/Extraction Agreement				Licensee owns property	
B - Site Protection					
B4 Fencing	x			Required boundary fencing is in good shape.	
B5 Fencing (site plan variation or temporary relief granted)	x			West boundary common to Dolime site runs through agricultural lands and is staked with wood marker posts	
B6 Screening (trees/berms)	x				
B7 Setbacks (15m / 30m or other)	x			Variance/overrides approved for common boundaries with Dolime site and former Cox pit. Override approved for S. 30m setback along Rd. 4A.	
C - Operational Details					
C8 Operating Sequence	x			Pit was not active at time of inspection, site is mainly depleted	
C9 Stripping (overburden)	x			Topsoil and overburden has been stripped and stored in stockpiles and/or used in progressive rehabilitation of pit.	
C10 Overburden Seeded	x			Stockpiles are vegetated with self sustaining growth.	
C11 Extraction Depth	x			Lowest floor elevation: 296.5+/-	
C12 Buildings/Scales (location)	x			Scale and scale house located on the main internal haul road.	
C13 Equipment (any specific conditions or restrictions)	x			There was no equipment on site at time of inspection.	
C14 Plant (location/any specific conditions or restrictions)	x			Portable processing equipment proposed to be used on site. None on site at time of inspection	
C15 Scrap (location/removal)	x			No scarp noted on site at time of inspection.	
C16 Stockpiles (location)	x				
C17 Topsoil (location/seeded)	x			Same as C10 above. Material in stockpiles is vegetated and self sustaining.	
C18 Excavation Faces	x				
C19 Ponds (location/depth)			x		
C20 Internal Roads (any specific conditions or restrictions)	x			Well maintained road	
C21 Haul Routes (external/any specific conditions or restrictions)	x				
C22 Blast Monitoring Report (quarries only)			x		
C23 Dust Suppression	x			Dust suppressants to be used when required.	
C24 Hours of Operation (any specific conditions or restrictions)	x				
C25 Well Monitoring Reports	x				
C26 Identification Sign (as per Sect. 5.22 of Provincial Standards)	x			Identification sign is located near County Road 32 access.	
C27 Orderly Conditions	x				
C28 Blasting Hours (quarries only)			x		

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

Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares <u>NIL</u> Total # of hectares <u>3.0+/-</u>	
D30 Progressive rehabilitation	X			Current year - # of hectares <u>NIL</u> Total # of hectares <u>19.0+/-</u>	
D31 Sloping of Faces	X			Pit faces have been sloped and rehabilitated along the north part of west licensed limits, common setbacks graded and rehabilitated.	
D32 Grades/Contours/Elevations	X			Grading and contouring of pit faces and elevations of the pit floor are generally established during the extraction operations.	
D33 Importation of Material (inert)	X			It is not proposed to import material for rehabilitation purposes.	
D34 Vegetation	X			Rehabilitated area and slopes are well established and majority are in agricultural use.	
D35 Final Rehabilitation	X			Rehabilitated areas are being used for agricultural use as proposed.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			X		
E37 Requirements of C of A's			X		
E38 Noise Mitigation			X		
E39 Fuel Storage Tanks			X		
E40 Spills Plan			X		
E41 Permit to Take Water			X		
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			X		
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition	X			It is not anticipated to exceed the annual tonnage condition.	
F44					
F45					
General Comments:					
Licence ID#: 5654					

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)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>ex. June 15 13</i>	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES

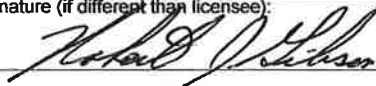
Sketch Included (see note below)	Licence ID #: 5654	<input type="checkbox"/> Additional Detailed Information Attached
----------------------------------	--------------------	---


- 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	13/09/25	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	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)

Date Inspected: Y / M / D	13/08/01	Review Conducted by: Bob Gibson (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Robert Gibson Consulting Services Inc., 15 Idlewood Drive, Kitchener, ON, N2A 1H9			
Position with Company: President			

Signature of Licensee or Authorized Official:	 Bill Millar, President, Preston Sand & Gravel Company Limited
---	--

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 #: 5654		

- 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)

6.6(b)

ROBERT GIBSON CONSULTING SERVICES INC.

15 IDLEWOOD DRIVE
KITCHENER, ONTARIO
N2A 1H9

Phone (519) 894-0273
Fax (519) 894-9526
Email gibsonr@rogers.com

RECEIVED September 25, 2013

OCT 02 2013

Township of Puslinch

Ministry of Natural Resources
Guelph District Office
1 Stone Road W., 1st Floor
Guelph, Ontario
N1G 4Y2

Attention: Sarah deBortoli, Aggregate Resource Technician Intern

Dear Sarah,

SUBJECT: Annual Compliance Assessment Report for 2013
Licence # 5610 (Philips Pit)
Part Lots 4 & 5, Concession 5
Township of Puslinch
Licensee: Preston Sand & Gravel Company Limited

Enclosed is the Compliance Assessment Report for the gravel pit licensed to Preston Sand & Gravel Company Limited at the above noted location. Copies of the report have been filed with the Township of Puslinch and the County of Wellington.

If you have any questions regarding the report, please contact me at my office.

Yours truly,



Robert J. Gibson

Encl.

cc: Preston Sand & Gravel Company Limited
Township of Puslinch
County of Wellington

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Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	x			Current year - # of hectares <u> NIL </u> Total # of hectares <u> NIL 1.0+/- </u>	
D30 Progressive rehabilitation	x			Current year - # of hectares <u> NIL </u> Total # of hectares <u> 15.0+/- </u>	
D31 Sloping of Faces	x			Pit faces have been sloped, graded and rehabilitated.	
D32 Grades/Contours/Elevations	x				
D33 Importation of Material (inert)	x			Inert material was imported for rehabilitation purposes and for the enhancement of the agricultural rehabilitation.	
D34 Vegetation	x			Vegetation on portions of pit floor and all of the slopes are well established and in agricultural use.	
D35 Final Rehabilitation	x			Rehabilitated areas conform to site plan requirements.	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			x		
E37 Requirements of C of A's			x		
E38 Noise Mitigation			x		
E39 Fuel Storage Tanks			x		
E40 Spills Plan			x		
E41 Permit to Take Water			x		
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			x		
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition	x			Pit is depleted.	
F44 Importation of asphalt, concrete for recycling	x			No material proposed to be imported.	
F45					
General Comments:					
Majority of the site has been rehabilitated to agricultural cropping.					
Licence ID#: 5610					

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)
<i>EXAMPLE B4 - Fencing</i>	<i>200 ft of West boundary to be fenced</i>	<i>ex. June 15/13</i>	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES

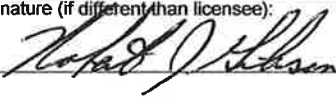
	There were no violations noted at the time of inspection		

Sketch Included (see note below)	Licence ID #: 5610	<input type="checkbox"/> 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	13/09/25	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	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	13/07/01	Review Conducted by: Bob Gibson (Please Print)	Signature (if different than licensee): 
Name of Company and Address: Robert Gibson Consulting Services Inc., 15 Idlewood Drive, Kitchener, ON, N2A 1H9			
Position with Company: President			

Signature of Licensee or Authorized Official:	 Bill Millar, President, Preston Sand & Gravel Company Limited
---	--

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 #:5610		

- 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)

ROBERT GIBSON CONSULTING SERVICES INC.

6.7(a)

15 IDLEWOOD DRIVE
KITCHENER, ONTARIO
N2A 1H9

Phone (519) 894-0273
Fax (519) 894-9526
Email gibscon@rogers.com

September 25, 2013

Ministry of Natural Resources
Guelph District Office
1 Stone Road W., 1st Floor
Guelph, Ontario
N1G 4Y2

RECEIVED
OCT 02 2013
Township of Puslinch

Attention: Sarah deBortoli, Aggregate Resource Technician Intern

Dear Sarah:

Subject: Annual Compliance Assessment Report for 2013
McKenzie Brothers (Guelph) Limited
Part Lot 3, Concession 9
Township of Puslinch
License ID # 15338

Enclosed is the Compliance Assessment Reports for the above noted licensed pit operated by McKenzie Brothers (Guelph) Limited. Copies of the report have been filed with the lower and upper tier municipalities which the property is situated, as required under the Aggregate Resources Act.

If you have any questions regarding the report, please give me a call.

Yours truly,



Robert J. Gibson

CLERK'S DEPARTMENT	
TO	Council
Copy	
Please Handle	
For Your Information	
Council Agenda	✓ Oct 16/13
File	

Enclosures

cc: Dave McKenzie, McKenzie Brothers (Guelph) Limited
Township of Puslinch
County of Wellington

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information

Year: 2013

Licensee: McKenzie Brothers (Guelph) Limited Licence ID #: 15338 MNR District/Area Office: Guelph District
 Lot: Pt. 3 Conc.: 9 Geographic Twp.: Puslinch Municipality: Wellington County

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1 Boundaries (clearly marked)	x			Licensed boundaries are identified by post and wire fences and marker posts along south boundary.	
A2 Entrance and Exits (location/closed)	x			The entrance is located off site exiting onto County Road 41. Locked gate restricts inadvertent public access.	
A3 Lease/Ownership/Extraction Agreement				Licensee owns and operates property	
B - Site Protection					
B4 Fencing	x			Fencing is in good condition, west boundary fence is overgrown with significant amount of vines which effectively restricts access to the pit.	
B5 Fencing (site plan variation or temporary relief granted)	x			Steel marker posts identify the south licensed boundary along the top of bank. West fenceline is offset 5m from actual licensed boundary.	
B6 Screening (trees/berms)	x			The pit is well screened using a combination of berming and tree screen along Cty Rd. 41 and the surrounding woodlands/vegetation.	
B7 Setbacks (15m / 30m or other)	x			An approved site plan variance allowed reduction of the east setback adjacent to County Rd. 41 from 30m to 15m. which is now backfilled.	
C - Operational Details					
C8 Operating Sequence	x			Excavation is proceeding as noted on site plan.	
C9 Stripping (overburden)	x			Soil material is either stripped and stockpiled separately or used directly in the progressive backfilling of south and east pit faces.	
C10 Overburden Seeded	x			Backfilled areas of the pit are well vegetated. Existing stockpiles are vegetated and are self sustaining.	
C11 Extraction Depth	x			Depth varies widely due to the depth of bedrock formation in various locations. Lowest floor elevation: 314+/-	
C12 Buildings/Scales (location)	x			There are no buildings located within the pit.	
C13 Equipment (any specific conditions or restrictions)	x				
C14 Plant (location/any specific conditions or restrictions)	x			Portable processing equipment is used on site on an intermittent basis.	
C15 Scrap (location/removal)	x			Scrap is collected in a central area and removed from the site on a regular basis.	
C16 Stockpiles (location)	x			Aggregate stockpiles are located on the pit floor below surrounding grade.	
C17 Topsoil (location/seeded)	x			Same as C10 above.	
C18 Excavation Faces	x			All pit faces comply with site plan and MOL requirements.	
C19 Ponds (location/depth)			x	Above water table extraction operation only.	
C20 Internal Roads (any specific conditions or restrictions)	x				
C21 Haul Routes (external/any specific conditions or restrictions)	x				
C22 Blast Monitoring Report (quarries only)			x		
C23 Dust Suppression	x			Dust suppressants/water is used when conditions are necessary. No dust concerns were observed at the time of the inspection.	
C24 Hours of Operation (any specific conditions or restrictions)	x				
C25 Well Monitoring Reports			x	City of Guelph conducts independent monitoring.	
C26 Identification Sign (as per Sect. 5.22 of Provincial Standards)	x			Sign is located off-site at the entrance/exit onto County Road 41.	
C27 Orderly Conditions	x			Pit is managed and maintained in a very orderly manner.	
C28 Blasting Hours (quarries only)			x		

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

Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares <u> NIL </u> Total # of hectares <u> 3.3+/- </u>	
D30 Progressive rehabilitation	X			Current year - # of hectares <u> NIL </u> Total # of hectares <u> 1.8+/- </u>	
D31 Sloping of Faces	x			East and north pit faces are being progressively backfilled and sloped.	
D32 Grades/Contours/Elevations	x			Grading, contouring and pit floor elevations are established during the extraction operations. (see General Comments)	
D33 Importation of Material (inert)	x			Material has been imported for enhancement of rehabilitation and sloping of backfilled pit faces – Note 14, Operational Plan.	
D34 Vegetation	x			North slopes are well vegetated with self sustaining growth.	
D35 Final Rehabilitation	x			Material has been stockpiled on west side of pit to use for grading of pit floor in preparation of final rehabilitation	
E - Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			x		
E37 Requirements of C of A's			x		
E38 Noise Mitigation			x		
E39 Fuel Storage Tanks			x		
E40 Spills Plan			x		
E41 Permit to Take Water			x		
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			x		
F - Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition (100,000 tonnes)	x			It is not anticipated to exceed the annual tonnage limit this year.	
F44					
F45					
General Comments:					
<p>The licensee continuing to progressive rehabilitate along the southerly and easterly limits of extraction by backfilling and establishing slopes that are greater than 3:1 which will be better suited for the proposed agricultural after use for the site.</p> <p>Portions of the pit floor that extends to bedrock continue to be backfilled and levelled in order to prepare grades that will be suitable for final agricultural rehabilitation.</p>					
Licence ID#: 15338					

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>ex. June 15/13</i>	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES


	There were no violations observed during the inspection.		

No Sketch Included (see note below) Licence ID #: 15338 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	13/09/25	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	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	13/08/27	Review Conducted by: (Please Print) Bob Gibson	Signature (if different than licensee): 
Name of Company and Address: Robert Gibson Consulting Services Inc., 15 Idlewood Drive, Kitchener, ON, N2A 1H9			
Position with Company: President			

Signature of Licensee or Authorized Official:  Dave McKenzie, McKenzie Brothers (Guelph) Limited

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 #: 15338

- 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)

6.7(b)

ROBERT GIBSON CONSULTING SERVICES INC.

15 IDLEWOOD DRIVE
KITCHENER, ONTARIO
N2A 1H9

Phone (519) 894-0273
Fax (519) 894-9526
Email gibscon@rogers.com

September 25, 2013

Ministry of Natural Resources
Guelph District Office
1 Stone Road W., 1st Floor
Guelph, Ontario
N1G 4Y2

RECEIVED
OCT 02 2013
Township of Puslinch

Attention: Sarah deBortoli, Aggregate Resource Technician Intern

Dear Sarah:

Subject: Annual Compliance Assessment Report for 2013
McKenzie Brothers (Guelph) Limited
Part Lots 3 – 5, Concession 9
Township of Puslinch
License ID # 5709

Enclosed is the Compliance Assessment Reports for the above noted licensed pit operated by McKenzie Brothers (Guelph) Limited. Copies of the report have been filed with the lower and upper tier municipalities which the property is situated, as required under the Aggregate Resources Act.

If you have any questions regarding the report, please give me a call.

Yours truly,



Robert J. Gibson

Enclosures

cc: Dave McKenzie, McKenzie Brothers (Guelph) Limited
Township of Puslinch
County of Wellington

CLERK'S DEPARTMENT	
TO	Council
Copy	
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Council Agenda	OCT 16/13
File	

Licensees Compliance Assessment Report - Aggregate Resources Act

Background Information				Year: 2013
Licensee: McKenzie Brothers (Guelph) Limited		Licence ID #: 5709		MNR District/Area Office: Guelph District
Lot: Pt. 3, 4, 5	Conc.: 9	Geographic Twp.: Puslinch		Municipality: Wellington County

Observations

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
A - Site Access					
A1 Boundaries (clearly marked)	x			The licensed boundaries are identified by post and wire fencing.	
A2 Entrance and Exits (location/closed)	x			Entrance to the pit is located off site and public access to the pit is controlled by a lockable gate.	
A3 Lease/Ownership/Extraction Agreement				Licensee owns property	
B - Site Protection					
B4 Fencing	x			Fencing is in good condition with some locations that are becoming heavily overgrown with vines which also restricts inadvertent access.	
B5 Fencing (site plan variation or temporary relief granted)	x			No fencing necessary between the common boundaries between the licensee's adjacent pit	
B6 Screening (trees/berms)	x			Site is in a visually remote area and effectively screened by offsite woodlands and the surrounding topography.	
B7 Setbacks (15m / 30m or other)	x			A site plan variance is approved to allow for the removal of the common setback between the licensee's adjacent pit Lic. #15338.	
C - Operational Details					
C8 Operating Sequence	x			Pit is being utilized for processing imported material for recycling and resale purposes. Stockpiled material on site.	
C9 Stripping (overburden)	x			Overburden has been used for rehabilitation purposes (sloping of pit faces) or stored in berms or stockpiles.	
C10 Overburden Seeded	x			Stockpiles of overburden are well vegetated with self sustaining growth. No erosion noted of soil noted.	
C11 Extraction Depth	x			Complies with site plan requirements	Lowest floor elevation: 316+/-
C12 Buildings/Scales (location)	x			Weigh scales and office are located on site.	
C13 Equipment (any specific conditions or restrictions)	x			No special restrictions concerning internal haul roads	
C14 Plant (location/any specific conditions or restrictions)	x			Portable crushing and screening equipment used intermittently.	
C15 Scrap (location/removal)	x			Site is very well maintained and scrap is collected in central location.	
C16 Stockpiles (location)	x			Aggregate stockpiles are located on the pit floor below grade.	
C17 Topsoil (location/seeded)	x			Same as C10 above	
C18 Excavation Faces	x			All pit faces have been sloped and are vegetated with excellent cover.	
C19 Ponds (location/depth)			x	Small pond on site used as a water source for dust control	
C20 Internal Roads (any specific conditions or restrictions)	x				
C21 Haul Routes (external/any specific conditions or restrictions)	x				
C22 Blast Monitoring Report (quarries only)			x		
C23 Dust Suppression	x			Dust suppressant/water used when required. No dust concerns were observed during the inspection.	
C24 Hours of Operation (any specific conditions or restrictions)	x				
C25 Well Monitoring Reports			x	City of Guelph monitors wells for their purposes.	
C26 Identification Sign (as per Sect. 5.22 of Provincial Standards)	x			Identification sign is located off site at the main entrance/exit onto County Rd. 41.	
C27 Orderly Conditions	x			Site is maintained in a very orderly manner.	
C28 Blasting Hours (quarries only)			x		

Note: Any "No" requires completion of Page 2

Observations (continued)

OPERATING STANDARDS	IN COMPLIANCE?			COMMENTS	Remedial Action?
	Yes	No	N/A		
D – Rehabilitation					Y
D29 Disturbed Hectarage	X			Current year - # of hectares <u> NIL </u> Total # of hectares <u> 7.0+/- </u>	
D30 Progressive rehabilitation	X			Current year - # of hectares <u> NIL </u> Total # of hectares <u> 3.5+/- </u>	
D31 Sloping of Faces	X			Pit faces have been sloped and graded for rehabilitation. Material brought in to enhance sloping.	
D32 Grades/Contours/Elevations	X			Pit floor is generally graded to meet site plan requirements	
D33 Importation of Material (inert)	X			Topsoil is allowed to be imported for rehabilitation purposes.	
D34 Vegetation	X			Sloped areas are well vegetated and growth is self sustaining.	
D35 Final Rehabilitation	X			Side slopes meet final rehabilitation conditions.	
E – Prescribed Conditions (For Licences issued after June 27, 1997)					
E36 Other Monitoring Reports			X		
E37 Requirements of C of A's			X		
E38 Noise Mitigation			X		
E39 Fuel Storage Tanks			X		
E40 Spills Plan			X		
E41 Permit to Take Water			X		
E42 Dust Suppression Measures Req'd. (Haul routes, equip, etc.)			X		
F – Other Conditions (As indicated on either Site Plan or Licence)					
F43 Tonnage Condition (45,000 tonnes)	X			It is not anticipated to exceed the annual tonnage limit.	
F44					
F45					
General Comments:					
Licence ID#: 5709					

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>ex. June 15/13</i>	

SEE NOTES BELOW REGARDING REMEDIAL ACTION DEADLINE DATES


	No violations were noted at the time of the site inspection		


Sketch Included (see note below) Licence ID #: 5709 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	13/09/25	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	Local Municipality	Ministry of Natural Resources
	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> YES

TO BE COMPLETED BY PERSON CONDUCTING REVIEW (including on-site inspection)			
Date Inspected: Y / M / D	13/08/27	Review Conducted by: (Please Print)	Signature (if different than licensee):
		Bob Gibson	
Name of Company and Address: Robert Gibson Consulting Services Inc., 15 Idlewood Drive, Kitchener, ON, N2A 1H9			
Position with Company: President			

Signature of Licensee or Authorized Official:
 Dave McKenzie, McKenzie Brothers (Guelph) Limited

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 #:5709		

- 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)



Harden Environmental Services Ltd.
R.R. 1, Moffat, Ontario, L0P 1J0
Phone: (519) 826-0099 Fax: (519) 826-9099

- Groundwater Studies
- Geochemistry
- Phase I / II
- Regional Flow Studies
- Contaminant Investigations
- OMB Hearings
- Water Quality Sampling
- Monitoring
- Groundwater Protection Studies
- Groundwater Modelling
- Groundwater Mapping

File: 0929

July 25, 2013

Township of Puslinch
R.R. 3
Guelph, ON
N1H 6H9

Attention: Karen Landry,
Clerk-Treasurer

Re: Neubauer Pit – 2012 Monitoring Report

We have reviewed the documentation received regarding the 2012 groundwater monitoring at the Neubauer Pit. Below water table extraction has not commenced at the site and the summary acknowledges the requirement for two years of monitoring prior to commencement of below water table extraction.

Groundwater monitoring data show that water levels in the fall of 2012 were the lowest levels measured since 2004. These low water levels are consistent with the very low precipitation in the summer of 2012. These variations are consistent with seasonal and annual recharge patterns.

Groundwater monitors BH4 and BH5 were installed, surveyed and monitored in 2012. The report acknowledges that the other monitoring requirements that have not been implemented will be completed as the timeline for extraction progresses. We agree that the licence conditions appear to be satisfied and monitoring will continue in 2013.

Sincerely,

Harden Environmental Services Ltd.

Stan Denhoed, P.Eng., M.Sc.
Senior Hydrogeologist



January 16, 2013

Colin Evans
Lands Manager,
CBM Aggregates
55 Industrial Street
Toronto, ON
M4G 3W9

Dear Mr. Evans:

**RE: 2012 Groundwater Monitoring Summary,
CBM Neubauer Pit, Licence No. 625284
Part Lot 27, Concession 1, Puslinch Township**

This letter is a summary of the results of the 2012 groundwater monitoring program completed for the above reference property. The pit Licence was issued in December 2011. Site details and monitoring well locations are shown on **Figure 1** (attached).

1.0 Monitoring Program Requirements

The Licence conditions as listed on the Site Plan are summarized as follows:

The following monitoring, mitigation and contingency plan is recommended for the site:

- 1. No subaqueous placement of fine grained material (i.e. silt or clay) shall occur on-site without additional hydrogeological investigation, as outlined in the Mitigation and Contingency Plan.*
- 2. Prior to below water table extraction at the site two new water table monitoring wells shall be installed, one at the east property boundary and one at the south property boundary (BH4 and BH5 respectively).*
- 3. The water level monitoring program shall consist of monthly measurements at BH1, BH2 (until destroyed), BH3 (until destroyed), BH4, BH5, the McNally East monitor "East 1", the Puslinch Pit monitor "MP7", and, the Neubauer Pond monitor (after installation) as accessible. If any of the perimeter monitors are destroyed or damaged they shall be replaced or repaired.*
- 4. During the first year of below water table extraction water level monitoring at perimeter wells shall be completed every two weeks during the extraction period.*
- 5. Monthly monitoring of temperature profiles at the perimeter monitoring wells shall occur for two years prior to below water extraction, with measurements taken at 1 m depth intervals. Once below water table extraction has begun quarterly monitoring of temperature profiles (temperatures obtained at 1 m intervals) in the perimeter monitoring wells shall be completed.*

6. *The monitoring results, and any Mitigation or Contingency Plan measures undertaken during each operational year, shall be summarized in an annual report provided to the Township of Puslinch, GRCA and MNR.*
7. *Trigger Levels, considering existing cross-site hydraulic gradients, shall be developed to the satisfaction of MNR, in consultation with GRCA and the Township of Puslinch as needed, prior to below water table extraction.*
8. *The following Mitigation and Contingency Plan shall be adopted:*
 - ***Initial Trigger Level** exceeded – the Township, GRCA and MNR shall be notified immediately and daily monitoring shall be undertaken.*
 - ***Intermediate Trigger Level** exceeded for seven (7) consecutive days – the Township, GRCA and MNR shall be notified immediately and extraction below the water table shall be reduced 50% until the Neubauer Pond surface water elevation is greater than the **Intermediate Trigger Level** for seven (7) consecutive days.*
 - ***Final Trigger Level** exceeded – the Township, GRCA and MNR shall be notified immediately and extraction below the water table shall cease until the Neubauer Pond surface water elevation is greater than the **Intermediate Trigger Level** for seven (7) consecutive days.*
 - *Additional mitigation measures, such as below water placement of fine-grained material (silt or clay) along the perimeter of the pond, will be evaluated as needed in response to threshold exceedances. No mitigation measures (beyond ceasing below water table extraction) shall be undertaken prior to approval from MNR, in consultation with GRCA and The Township of Puslinch as needed.*

2.0 Site Operations and Monitoring Completed

To date no extraction has occurred at the site. In addition, CBM has indicated that no below water extraction can be expected at the site in the next two years. Monitors BH4 and BH5 were installed and surveyed in July, 2012, copies of the borehole logs are attached to this report. CBM intends to complete the balance of the specific monitoring required prior to, and during, below water table extraction (for example: temperature profile measurements; staff gauge installation; bi-weekly monitoring; and, trigger level development) at the appropriate time with respect to site extraction operations. Monitor installation details are provided in **Table 1**. Note that McNally East monitor “East 1” is also referenced as “HH1” by CBM.

Monitor	Elevations (mAMSL)			
	Ground	Top of Well	Top of Screen	Bottom of Well
BH1	322.29	322.69	300.92	299.40
BH2	327.60	328.15	301.54	300.02
BH3	328.75	329.37	296.17	294.65
BH4	320.03	320.74	308.80	304.23
BH5	317.90	318.69	306.67	302.10
MP7	324.11	325.02	306.51	303.51
East 1 / HH1	309.96	310.76	306.25	303.25

mAMSL = metres above mean sea level (Van Harten Survey July 2007, July 2012)

Table 1: Monitor Installation Details

Water level data has been collected at the site since 2001. The water level monitoring data collected to date at the site, and as available from adjacent sites, is presented in **Table 2** (attached). Hydrographs of the water level data, showing historical trends since 2001, and the 2012 monitoring results, are also included with this letter.

3.0 Discussion of Monitoring Results

Based on the considerable monitoring record available, baseline conditions are well established for the site. As noted for other monitoring programs in the area, the water table at the site fluctuates in response to seasonal and annual recharge patterns related to climate variation.

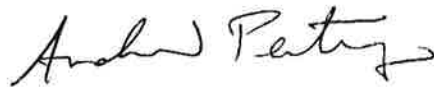
Development of Trigger Levels at the site should be based on data collected at both the existing monitors (long-term records) and the future perimeter wells BH4 and BH5 (2 or more years of data).

4.0 Recommendations

The monitoring program as listed on the Site Plan should continue in 2013.

If you have any questions or require further assistance please do not hesitate to contact me.

Sincerely,

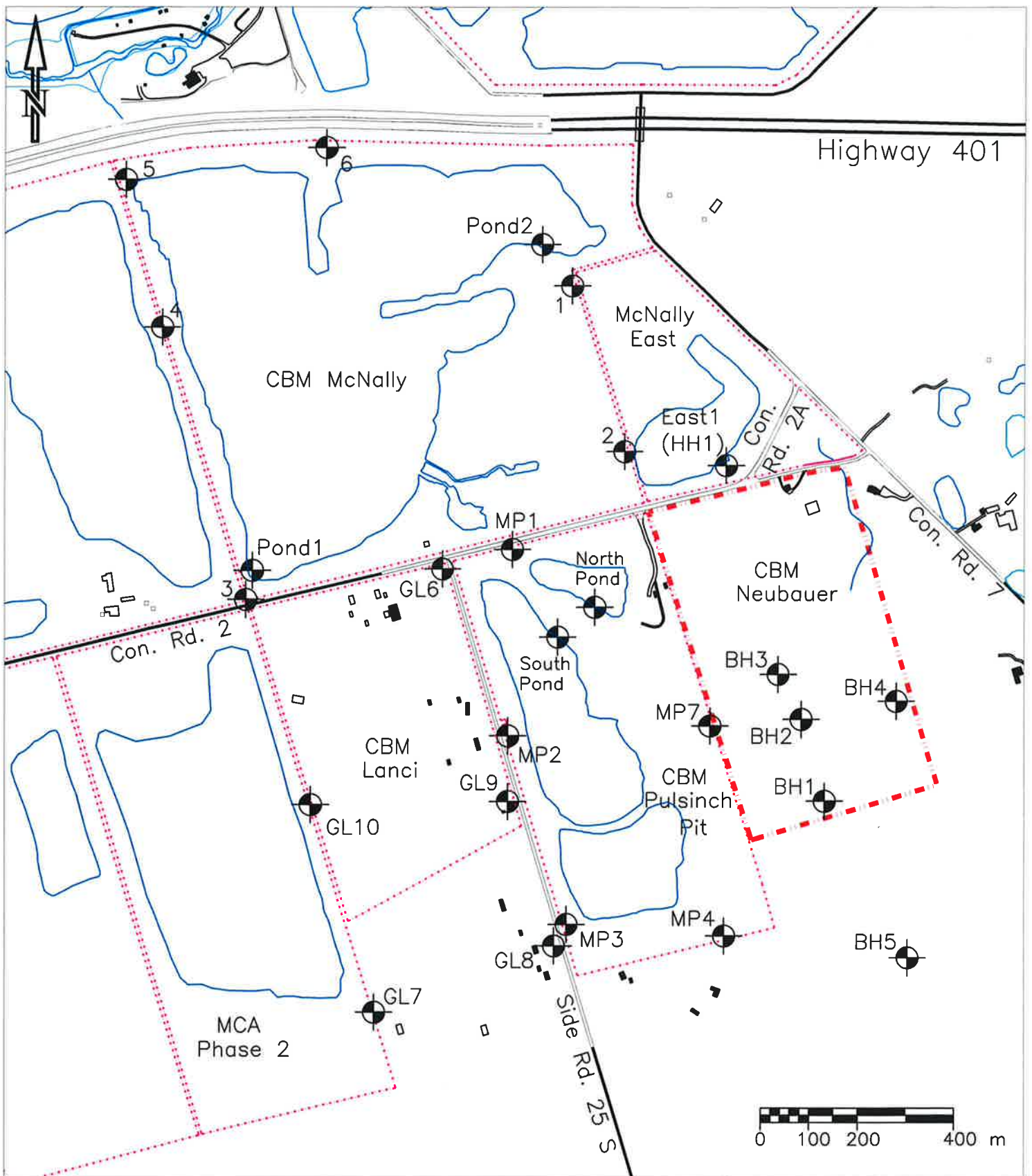


Andrew Pentney, P.Geo.
Hydrogeologist



Cc: Bernie Janssen, Harrington McAvan Ltd.
MNR, GRCA, Township of Puslinch

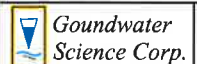
Attached: Figure 1 Monitoring Locations
Table 2 Water Level Measurements
Hydrograph – Historical Data
Hydrograph – 2012 Data
BH Logs



- CBM Neubauer Pit Licence Boundary (approximate)
- existing Licence boundaries (approximate)
- surface water: pond (approximate), creek or swale
- wetland (OBM mapping)

modified from :
 1) OBM mapping UNDER LICENSE, WITHOUT PREJUDICE OR ENDORSEMENT, FROM THE QUEEN'S PRINTER OF ONTARIO
 2) Site Plans, Harrington and Hoyle Ltd.
 3) 2010 Air Photo, GRCA

Figure 1: Local Monitoring Locations
 CBM Neubauer Pit
 Groundwater Monitoring Program
 2012 Annual Report



Scale: as shown
 Date: Jan. 2013