



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

## Meeting Minutes

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Event:	Community Advisory Panel (CAP) Paris Pit CAP # 11 Technical Services
Date & Time:	Tuesday March 18, 2014 7:00 - 9:00 PM
Place:	Paris Golf Country Club, Oak Hall
Chair:	Linda Smith, Facilitator
Participants:	Jeff Broomfield, Neighbour Michael H Fox, Neighbour Gary Strauss, Neighbour Elizabeth Norris, Neighbour Murray Powell, Councilor Dale Lukas, Neighbour Alex Faux, Neighbour Kevin Mitchell, Dufferin Aggregates Bill Galloway, Dufferin Aggregates Richard Erdmann, Dufferin Aggregates
Guests:	Ron Eddy, Mayor of Brant County Ashley Graham, Grand River Conservation Authority
Minutes:	Courtney Somers, Facilitator
Regrets:	Shirley Simons, Councilor Steve Schmitt, Councillor Cyril Parsons, Neighbour Bill Telfer, Neighbour John McAllister, Neighbour Marilyn Sewell, Neighbour Jake Vandenburg, Neighbour Fred Natolochny, Grand River Conservation Authority Ross Moore, Neighbour Robb Edwards, Neighbour

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### Minutes

Linda Smith brought the meeting to order and reviewed the CAP meeting agenda for the evening.

The CAP reviewed the minutes from November and they were approved.

### **Update: Paris Pit PTTW & ECA Applications**

Kevin Mitchell provided an update on the Paris Pit applications:

- MOE is processing the PTTW and ECA applications. The MOE asked Dufferin Aggregates to conduct the well inventory and they had some technical questions for Conestoga Rovers and Associates (CRA).
- All of the site neighbour visits have been completed for the well inventory, however the report has not been finalized. When the report is finalized it will be posted on the Paris Pit website.
  - A future CAP can be dedicated to a CRA review of the report.
- MOE has indicated they will review the additional information Dufferin Aggregates is providing.
- Once reviewed, the MOE will hold a technical agency meeting and make a decision on the applications.
  - MOE will invite the County of Brant, First Nations, MNR, GRCA, Brant County Health Unit and CCOB.

### **Update: Well Inventory**

Kevin Mitchell provided information on the well inventory Dufferin Aggregate conducted:

- The MOE requires the well inventory to be done for all properties within a 500 m radius of the proposed water taking. The inventory conducted by CRA and Dufferin Aggregates included 61 houses surrounding the Paris Pit, which is all of the properties that abut or are across the street from the Paris Pit, much further than the MOE requirement
- Primary purpose of the inventory was to determine which properties are on private wells and those that have municipal water. Many homeowners were not familiar with their wells or its history which is not uncommon
- Conestoga Rovers & Associates (CRA) is pulling together other information on the wells in the area in order to provide more information and supplement the information the homeowner was unable to provide.

Question One: What did the inventory include?

- Kevin Mitchell explained that the inventory focused on questions regarding the well. For example, if the well water is treated, where the pump is located, where the well is located, the depth of the well etc.
- Kevin Mitchell said it was also an opportunity to speak to homeowners in the area one-on-one to address any questions they may have about Dufferin Aggregates or the Paris Pit

Question Two: Do you measure the depth of the wells?

- Kevin Mitchell responded no, in order to access a well, you are required to be a licensed contractor to measure the wells.

Question Three: CRA has been taken over by a large Australian company, will that have any impact on their reports and how they conduct business here in Paris?

- Kevin Mitchell said no, the CRA is now a larger company and still has the same people working on the same projects.

Question Four: How many homes were on wells out of the 61 homes?

- Kevin Mitchell explained that he does not have the exact numbers but would estimate that about +/- 25 homes were on municipal water.

### **Update: Road Design on Watts Pond Road**

Kevin Mitchell provided an update on the road design work:

- Topography was taken before winter
- The engineers will use MTO or other engineering standards to complete the road design ensure safety

### **Paris Pit Timeline: 2014**

Richard Erdmann provided the 2014 timeline of the Paris Pit:

- June – September
  - Install fencing
  - Construct Paris Pit entrance (gravel)
  - Strip topsoil and overburden the internal haul road and the area to be extracted
  - The material that is stripped will be placed in berms around the perimeter of the site
- September – December
  - Potentially process material using portable equipment

Question Five: Will you be fencing the north side in 2014?

- Richard Erdmann said that the entire south lands of the pit will be fenced and may do some frontage on the north side

Question Six: How tall will the fencing be?

- Kevin Mitchell said the fences will be 1.2 metres high

Richard Erdmann showed a map (slide 7) and explained where the extraction will take place, where the haul road will be and the location of the berms.

Question Seven: What will the haul route be made out of?

- Richard Erdmann said the route will be made by removing the topsoil and overburden to expose the sand and gravel

Question Eight: Could there be a potential dust problem from the haul route within the site?

- Richard Erdmann said no, it will be a hard surface like asphalt so it can be swept and easily kept clean.

### **Paris Pit Timeline: 2015**

Richard Erdmann reviewed the 2015 timeline for the Paris Pit:

- January – March
  - Prepare to open site
- April – June
  - Complete reconstruction of Watts Pond Road
  - Install scale & scale house/offices
  - Processing material using portable equipment
  - Commence shipping when Watts Pond Road complete
- September – December
  - Shipping continues



- Tree removal and stripping (if required)
- Processing of material using portable equipment

## Awards

Richard Erdman outlined the awards some Dufferin Aggregate sites have received:

### National Stone Sand & Gravel Association (US)

- Environmental Award – Milton Quarry (Silver)
- Community Relations Award – Acton Quarry (Silver), Ogden Point Quarry (Bronze)

### Ontario Stone Sand & Gravel Association (CAN.)

- Community Relations – Acton Quarry, Cayuga Quarry, Flamboro Quarry, Milton Quarry, Mosport Pit, Ogden Point Quarry
- Progressive Rehabilitation – Brown Pit, Mosport Pit
- Environmental Achievement – Acton Quarry
- Individual Safety Awards received by Rick Baynton, Millcreek Pit and Mike Nelson, DFA Milton Quarry.

Kevin Mitchell outlined that Dufferin Aggregates' Brown Pit has won the OSSGA Progressive Rehabilitation Award for 2013. Kevin Mitchell highlights the pictures from the pit that show the creation of a wetland and the wildlife that now live in it.

## Aggregate Facts

Kevin Mitchell gave a high level summary of sand and gravel geology in the GTA. The map (slide 11) shows the locations of sand and gravel. Kevin Mitchell indicates that these areas are identified as areas that have the material but it does not mean it's available for extraction. The map shows that the County of Brant is an attractive area to extract sand and gravel.

Kevin Mitchell asks the CAP how many tonnes of aggregate are produced annually in Toronto.

- 150 million tonnes

Kevin Mitchell provides a table of the aggregate produced annually as well as the County of Brant production tonnage (slide 13).

Kevin Mitchell outlines the Places to Grow initiative:

- Places to Grow is the Provincial initiative to plan for growth in Ontario in a way that supports economic prosperity and achieves a high quality of life. Planning for growth:
  - Sustains a robust economy
  - Builds complete and strong communities that use land, resources and existing infrastructure efficiently, with amenities and community infrastructure to support a good quality of life
  - Promotes a healthy environment and a culture of conservation
- Current population in County of Brant is +36,000.



## Health & Safety and Silica

Kevin Mitchell and Bill Galloway provide a summary of the health and safety practices at Dufferin Aggregates sites as well silica testing:

- Dufferin Aggregates overall goal on Occupational Health & Safety (OH&S) is “Zero Harm to People”.
- Dufferin Aggregates conducts their business with respect for this core value.
- In southern Ontario silica is not an issue because almost none of the sand and gravel contains silica.
- The Ministry of Labour requires silica testing at sand and gravel pits every two years.
- Testing of employees is done at all Dufferin Aggregates sites by a third party.

To date, there have been NO silica related health issues at any Dufferin Aggregates site.

Kevin Mitchell explained that southwestern Ontario does not contain the amount of silica that would be a concern for Dufferin Aggregates sites.

Bill Galloway explained that there has been over 20 years of monitoring that confirms silica is not a concern and says there has never been an issue at a Dufferin Aggregates pit in regards to silica.

Kevin Mitchell explained that there is stone in the Ottawa area that does contain silica but it is not an issue in sand and gravel production.

Question Nine: Are there any other major health issues the Ministry of Labour wants you to test for?

- Kevin Mitchell explains that their primary concern is the health and safety of employees and that air/dust is monitored and reviewed by the MOE.

Jeff Broomfield presented a report from Golder Associates for a the proposed Preston Sand & Gravel Henning Pit in North Dumfries Township, near Paris that he believes says 17% of the material contains silica.

Bill Galloway explained that the data Dufferin Aggregates have collected concludes that silica is not an issue in Paris.

Jeff Broomfield expressed that he would like to see the reports and the science that supports that there is no silica in Paris.

Question 10: Is there testing at the Blair Pit?

- Kevin Mitchell explained that Dufferin Aggregates looks at the petrography of the area, which tells them it is primarily limestone.

Elizabeth Norris explained that it is not just some CAP members and the Concerned Citizens of Brant (CCOB) that are concerned about silica.

Kevin Mitchell explained that there is limestone at the Blair Pit which can contain silica. The amount is not enough to be a concern.

Elizabeth Norris explains that many statements have been made by Dufferin Aggregates regarding silica but the CCOB and the public would like to see the data to support it. Elizabeth Norris pointed out that Jeff Broomfield has asked for the science but has not seen anything to support Dufferin Aggregates claims.

Kevin Mitchell explains that when the petrography is done and examined it showed Dufferin Aggregate that the amount of stone that could contain silica is very minimal in the Paris area.

Richard Erdmann explained the geology in Paris simply does not support the presence of silica and therefore it is not a concern.

Jeff Broomfield explained that dust clouds can be seen from the Lafarge Pit and he is concerned because no testing is done on that dust.

Question Eleven: Does the report Jeff Broomfield has say that that particular pit shouldn't be open? What does it conclude?

- Jeff Broomfield explained that he is not sure how much of the material is dangerous but the report outlines the amount of silica in the material.

Question Twelve: How much silica does the Paris Pit have? Has testing been done?

- Kevin Mitchell explained that testing could only be done once the pit is open when there is an exposed face to get a representative sample.
- Kevin explained that the report Jeff Broomfield brought was likely done to test the quality of aggregate for specific end products.

Jeff Broomfield reviewed the report and read out loud "the overall silica and quartz content of the sand and gravel sample from the vicinity of the proposed Henning Pit was determined to be 15.7%."

Question Thirteen: When the Paris site is reviewed for materials, what information do you have?

- Kevin Mitchell explained that all Dufferin Aggregates sites are reviewed and tested for silica. An amount for silica doesn't register because it is no minimal.

Question Fourteen: Wouldn't the petrography need to be done at the Paris Pit before it opens?

- Kevin Mitchell explained that they do not have the petrography tests for the Paris Pit but Dufferin Aggregates knows what material is present and what it would be used for.
- Bill Galloway said if silica were a problem at the Paris Pit, Dufferin Aggregates would not operate.

Jeff Broomfield expressed that if the science they have requested was made public there would be no problem.

Bill Galloway explained that the MOE, MNR and Ministry of Labour are satisfied with the silica testing and the conclusion that there is no concern.

Bill Galloway said, "If I gave you the science, you probably wouldn't believe it anyway."

A CAP member pointed out that any material that contains small amounts of silica, like the material used to make roads, would be an issue and we would see concentrations of silica on all roads.

Question Fifteen: Does the washing process remove the silica?

- Kevin Mitchell responded no, the washing eliminates air born dust. Stone is separated based on its size to determine if it needs to be crushed.

A CAP member asked Kevin Mitchell to review the report Jeff Broomfield brought.

Kevin Mitchell reviewed the report and pointed out that an individual stone (sample size piece of granite) contained 17% silica but that the bulk sample (the entire deposit) contains less than 1% silica which is similar to all other sites in southern Ontario

Question Sixteen: Is there required testing for silica? Does a third party do it?

- Kevin Mitchell responded yes, testing is required and a third party does it.

Elizabeth Norris said it is clear there are concerns about silica from health officials and experts. Elizabeth Norris asked Kevin Mitchell to prove that there is no silica issue.

Jeff Broomfield said he wanted to pursue further expert opinion on topic of silica and report back.

Kevin Mitchell responded saying the report Jeff Broomfield brought proves there is no silica issue.

Elizabeth Norris asked that it be noted in the minutes that the information she has received does not satisfy her concerns about silica. She also says she would like more information on the testing done at the Paris Pit once it is complete.

### **Earth Week Event**

Kevin Mitchell explained that the Paris Pit will be hosting an Earth Week event in early May. This will include planting wildflowers, trees and building mason bee homes.

Question Seventeen: Is the ecological report done?

- Kevin Mitchell explained that the person responsible for the report was injured in a car accident and recently returned to work.

Question Eighteen: Can we get an update on Ministry agency meeting?

- Kevin Mitchell said an update would be incorporated into the next CAP meeting.

Question Nineteen: Since there are 3-4 other proposed pits in the area, is there going to be an affect on the timing of the Ministry making a decision on the PTTW due to Ministry staff in the area because of the volume of applications?

- Kevin Mitchell said that the MNR is responsible for licensing while the MOE is responsible for approving the PTTW.

Question Twenty: The production numbers provided in the presentation are from 2012; can we see 2013 numbers?

- Kevin Mitchell said the 2013 numbers are likely still being process and will be available closer to May/June, one could check the Ontario Aggregate Resources website



- Updated numbers can be included in the presentation at the next CAP meeting.

**Dufferin Aggregates Next Steps:**

- PTTW/ECA decision
- Road design work will continue
- Entrance construction

**Next Meeting:**

- April/May – Update on Ministry agency meeting
  - Kevin Mitchell will inform Courtney of the agency meeting and she will coordinate the CAP meeting to happen approximately 2 weeks after.
- June – last meeting before summer
  - Well inventory report
  - Operations update
  - Ecological report

Adjourn