

## Meeting Minutes

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Event:	Community Advisory Panel (CAP) Paris Pit CAP # 5 Site plan review
Date & Time:	Tuesday, October 30, 2012 7:00- 9:00 PM
Place:	Paris Golf Country Club, River House
Chair:	Joanne Kearney, Facilitator
Participants:	Bill Telfer, Neighbour John McAllister, Neighbour Robb Edwards, Neighbour Elizabeth Norris, Neighbour Shirley Simons, Councilor Michael H Fox, Neighbour Bill Galloway, Dufferin Aggregates Kevin Mitchell, Dufferin Aggregates Richard Erdmann, Dufferin Aggregates

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Guests:	Helen Dinel, CCOB member and neighbor Sandra Parsons, Neighbour, in place of Cyril Parsons Jeff Broomfield, CCOB member and neighbor Alan Kelley, Neighbour, in place of Marilyn Sewell
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Minutes:	Courtney Somers, Facilitator
Regrets:	Alex Faux, Neighbour Steve Schmitt, Councillor Ross Moore, Neighbour Murray Powell, Councilor Dale Lukas, Neighbour Gary Strauss, Neighbour Fred Natolochny, Grand River Conservation Authority Jake Vanderburg, Neighbour Marilyn Sewell, Neighbour Cyril Parsons, Neighbour

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### Minutes

### Introduction

Joanne Kearney introduces the CAP and explains that the meeting will focus on a detailed Paris site plan review.

### **Update since last CAP meeting**

Bill Galloway provides an update on the operations since the last CAP. These updates include:

- The new site entrance has been approved by the MNR. The approval happened on Oct. 29<sup>th</sup>
- MOE requested a site visit and it was granted. Purpose was to review the pit license and gain understanding of the site features

Question One: Will there be anymore site meetings?

- At this time, the MOE has not asked Dufferin Aggregates to host them at the Paris Pit.
- Once we enter our PTTW pre-consultation meetings, there will likely be other site visits from a range of agencies, including the MOE.

### **The Paris Pit License**

Richard Erdmann outlines the license approval process in 1974 and explains that in 1990 the Pits and Quarries Control Act was changed to the Aggregate Resources Act. At this time, every pit and quarry in the province had to then update their site plans and comply with the new standards established by the Province.

Richard Erdmann outlines the laws and regulations that the Pit must abide by to be in operation today.

Richard Erdmann outlines the current provincial standards that the company must illustrate on the site plans. These requirements are outlined in the Aggregate Resources Act. These details include:

- Existing features
- Operations
- Progressive and Final Rehabilitation
- Cross Sections

Richard Erdmann provides an overview of the MNR approved site plans. The site plans are provided to the CAP to review during the presentation. Richard provides guidance on how to read the site plans.

Question Two: How old are the aerial photos (referring to first page of site plan)?

- 2010

Question Three: How much distance is between the boundary and the actual extraction?

- For areas adjacent to agricultural land, the limit of extraction is 15 metres from the licence boundary and for areas adjacent to residential property or a road allowance it is 30 metres

Richard explains how the legend outlines the various aspects of the site plan. Richard outlines the different aspects of the map, which include:

- Licence boundary
- Entrance and exit of the pit
- Municipal boundaries
- Existing field entrance

Richard Erdmann explains the well levels, which are apart of the existing features of the site.

Kevin Mitchell explains that the Existing Feature page reflects how the site looked when the site plans were updated in 1990.

Questions Four: When are these photos taken, what is this a shot of?

- This is how the site looked in 1990. It is like a snap shot in time

Richard Erdmann explains the phasing of the operations (Phase 1 to Phase 7/8). Richard provides details on how each phase will be operated by Dufferin, and explains that trucks and conveyors will be used to move the material. Richard explains that the below water extraction will be part of the last phases of extraction.

Question Five: Where are you going to take the material out?

- All the material will be trucked or conveyed to the plant site and exit the site via the truck route and head west on Watts Pond Road

Question Six: Why is the plant so far away from the truck route to remove the aggregate?

- In order to operate in the safest manner possible, it is important that the plant sits outside of the WHPA's

### **Phases of Extraction and Rehabilitation**

Richard Erdmann provides an overview of the phases of extraction and progressive rehabilitation. Richard explains that noise and visual screens or berms will be put in place and that Phase 1 will be when the footprint is set for the site.

Question Seven: What about the pond?

- We have to stay a metre above the water table at all times in that location so the pond will be unaffected

Question Eight: What is the time frame for Phase 1?

- The timing has to do with the size of area and the state of economy
- When we determine the size, it will dictate how long it will take to prepare

Question Nine: How long will it take to make the berms?

- The berms may take about a month to create as it depends on the amount of overburden in the topsoil and the size of the area being prepared for extraction

Questions Ten: What is the size on the berms?

- The berms will be approximately 3 metres high, with a 2 metre flat landing on top. The berm detail on the site plans also indicates for the berms to be between 2 and 4 metres high

Question Eleven: How long would you be operating in Phase 1

- About 4 to 5 years for extraction however the central processing plant and stockpile area will be used throughout the life of the operation

Richard Erdmann provides details on the progressive rehabilitation that will occur during extraction and will be completed once areas are done being extracted. He explains that earth movements, from stripping to rehabilitation, only happen once and will increase the speed of the rehabilitation.

Question Twelve: What if your wash pond is not enough?

- It will be enough. We are confident that based on our experience at other operations and the design by the hydrogeologist, that the proposed plan for the pond size is enough
- The wash pond system is like a bathtub and water will be re-circulated
- Water is pumped from the source pond to the plant. The wash water from the plant is pumped to a settling pond. The natural occurring fine material washed from the aggregate products settles by gravity in the settling pond which is above grade. The clear water drains back into the source pond to be recycled. From time to time the settling pond will have the fines removed and they will be incorporated into the progressive rehabilitation of sideslopes

Question Thirteen: Have you ever used more than one pond at your operations?

- This depends on the operations. At a typical site, there will only be a need for one pond

Richard Erdmann continues with outlining the phases of extraction and provides details on the legend for CAP members to follow.

Question Fourteen: How do you rehabilitate an area that you will continue to be driving on?

- The internal truck route will be paved and will be a very narrow footprint

Question Fifteen: Will the road be very steep during certain extraction phases?

- No, the road will be lowered and recessed below grade as we proceed through extraction

Question Sixteen: Has the county been in contact with Dufferin about how they would like the site to be rehabilitated?

- The current plan is to rehabilitate back to agriculture
- If the CAP, council, or the community want something different, we are willing to listen and work with those groups to amend the site plans

Question Seventeen: Who owns the land once the extraction is complete?

- It depends on the area of the pit. In some cases we have donated the land to conservation areas or, like in Mill Creek, we are doing rehabilitation to what the landowner has requested

A CAP member brings up concerns about how the pit should be rehabilitated and that it is the community's responsibility to provide ideas about what Paris would like the area to become after extraction. The member explains that they would like the community to have a big part in how the area is rehabilitated

Question Eighteen: If the site goes back to agriculture, do you still own the land or rent it out?

- During the life of the operation, areas that are progressively rehabilitated back to agriculture would be rented.
- When extraction is complete, as we are not land developers, we normally sell the property

Question Nineteen: Do aggregate companies ever just leave a dead pit?

- Bill Galloway explains this is certainly not the practice of Dufferin Aggregates
- Bill mentions that Council can get in touch with the Ontario Aggregate Resources Corporation (TOARC) to get funds to rehabilitate any abandoned pits in Paris. The County can apply to TOARC to get prioritized and be included in getting sites rehabilitated. Kevin will send this information to Shirley Simons
- Kevin Mitchell explains that TOARC will go to a site and look at the site to identify how to work with existing area to rehabilitate it without bringing in any new material

Richard Erdmann explains the berm detail within the site plan. He outlines that berms are very well constructed and must be maintained. Details of the berm include:

- Must be 3 metres from the pit boundary
- Height will range from 2 to 4 metres with an average height of 3 metres
- The slope on the berm will range from 2:1 to 4:1 with a 2 metre flat area at the top

Richard Erdmann explains the various processing plant examples and how the processing plant works. Richard explains that the material is moved using a conveyor and is transferred to various piles within the site and the trucks will pick up the aggregate from these stockpiles.

Richard Erdmann outlines phases 5 through 8 and explains how the land will change. He notes that the entire area, other than the plant and road, will be progressively rehabilitated by the time the company reaches phase 5. He explains that 7 and 8 will continue in a northerly direction.

### **Below Water Table Extraction**

Question Twenty: What happens with the existing pipeline on site? If there were a problem, what would happen?

- We will leave it alone. The pipeline is controlled by an external company we have no intention of affecting it

Question Twenty-One: Does Dufferin Aggregates know what material flows through the existing pipeline? Is it currently active?

- We will find out if it is active or not and what it carries

Richard Erdmann explains the below water table extraction and outlines that:

- Extraction will not occur for another  $\pm 20$  years
- Ground water monitoring will continue
- Source water protection plans are being prepared and will have been approved by the MOE
- There will be ongoing third party monitoring that will be reviewed by the MOE, County and GRCA

Question Twenty-Two: You are going below the water table for your pond, correct?

- Yes. We will excavate the area at that time

Question Twenty-Three: When you build your wash pond, is there another permit to get?

- Our PTTW application covers all of the below water extraction

Question Twenty-Four: Have any studies been done to alleviate the fear of what happens when you dig below the water table?

- All the hydrogeology work has been done and it will be released when we go into pre-consultation and apply for our PTTW
- There has been monitoring wells on site since 1988

Richard Erdmann explains the progressive and final rehabilitation.

Question Twenty-Five: How did you determine where you would extract?

- Boreholes and test pits have been put down across the site to establish where the aggregate was

Question Twenty-Six: What happens to the berms once you have rehabilitated?

- The berms will be reused in the rehabilitation and incorporated into the final rehabilitation

Richard Erdmann reviews the steps in the rehabilitation (slide 21):

- Strip topsoil
- Strip subsoil
- Extract aggregate
- Ripping
- Stone picking
- Replace sub and top soil
- Plant cover crops
- Plant legumes

Question Twenty-Seven: When you're done, what is the depth of the soil?

- It will be the same depth as it was when we took it off, whatever mother nature gave us

- In the creation of the site slopes, some more material will be used

Question Twenty-Eight: The rehabilitation, is that legislated by the province?

- Yes. We have to abide by the legislation that the province has in place and we have to make sure the rehabilitation is incorporated into our site plans

Question Twenty-Nine: Are you looking to enlarge this area more than 600 acres?

- No, not at this time. We have no plans in the current time frame to buy land in the area
- Aggregate is a non-renewable resource, so we will be looking for other deposits throughout the province to meet customer demands

Question Thirty: Has more land been designated?

- The area of Paris has a very large aggregate deposit.

Question Thirty-One: Could you show us on the map the original land depth profile and where it will be by the final stage of extraction?

- The original land profile is on page two of the site plan and the final is on page five

Question Thirty-Two: How much will you be going down?

- We will extract 8-9 metres above the water table, 6 metres below the water table for the wash pond and 8 metres below the water table in phase 8

Question Thirty-Three: Where will the topsoil go? On top of the well?

- No, topsoil will not be removed near the well. Material will only be extracted within the extraction limits

Question – can we have a copy of the site plans

Kevin Mitchell will provide a copy of the site plans to Sandra Parsons.

Question Thirty-Four: What data has been collected on the water over the years? And is there some way to get access to that data?

- CCOB was provided a copy of the data that has been collected, which reflects data from 1988 to 2010.
- The data measures 6 wells on the Paris Pit property and the data measures the water level and quality

CCOB indicates the person the report was given to is no longer part of CCOB and they were not aware Dufferin had provided the report

Kevin Mitchell will get another copy of the monitoring data for the CCOB.

Bill Galloway explains that these plans state on page 3 that Dufferin has to conform to all provincial and federal laws associated with aggregate extraction. He explains that the company must, and will, comply with these laws and regulations.

Question Thirty-Five: What is the problem with bringing a new application brought forward?

- The existing approvals and everything that we are doing in preparation to operate includes all the requirements set out by the MOE and MNR

Question Thirty-Six: When you get the application to take water, will you be in complete compliance with everything?

- Yes. We will be ready to start operations
- We are professionals at managing water and land and we encourage the community to understand what Dufferin does
- The MOE and the MNR will completely ensure that we are meeting or exceeding what must be done to operate this site safely
- Note 13 on page 3 of the site plans indicates we need to comply with current and future provincial and federal legislation

Question Thirty-Seven: Who is going to ensure that if anything goes wrong with our water, who will pay for a new well system?

- In 1974 there was a lot of science done to get the license approved by the County and township. At the time it was licensed, all parties were in agreement with the standards Dufferin will follow
- In all of our protocols controlled by the MOE, if the Company is found responsible for contaminating the water, it is our responsibility to pay to fix the issue.  
*Note: This is a topic of continued interest and Shirley Simons would like to ensure there is fulsome discussion of the topic.*
- The Ontario Water Resources Act governs this

Kevin Mitchell explains the changes to below water table approval, which occurred in the last four to five years.

Question Thirty-Eight: How much material will be extracted below the water table in Paris?

- 4 million tonnes

Question Thirty-Nine: Have you done any social impact studies on people in the area?

- There is no legal requirement by Dufferin to conduct a formal social impact study
- We will do noise, transportation and dust reports, which is essentially the same thing
- If Dufferin was to apply for another license, we would not conduct a social impact study as it is not part of the approval process requirements

### **Improvements to Site Plan**

Richard Erdmann explains the various improvements to the Paris Site Plan, these include:

- Minor amendment to the ARA to move the plant the location outside the WHPA, which was approved in February 2012
- Major amendment to the ARA to re-locate the site entrance, which was approved Oct. 29<sup>th</sup> 2012

### **Today's Standards**

Kevin Mitchell outlines Today's Standards and the approvals and permits Dufferin would have to abide by. Dufferin will be applying for the following permits, approvals and compliances:

- Existing License Condition – Spills Plan Implementation
- Permit to Take Water
- Aggregate Washing – Environmental Compliance Approval (ECA isw)
- Environmental Compliance Approval
- Ecology
- TSSA

Question Forty: Are you planning to use a contractor for this equipment?

- Yes, it is likely to happen when we first open the pit as it is quite small
- As the site gets larger, Dufferin will bring in larger equipment to better process the material
- All contractors used by Dufferin are aware of, and abide by, the permits and protocols in place. Dufferin is accountable for anything that happens with the site, we are also monitoring the contractors

Joanne Kearney explains that the group can move into a general discussion and that we will be compiling a Frequently Asked Questions (FAQ) document following each CAP meeting that will be emailed to CAP members and will be available on the website.

### **General Discussion**

Question Forty-One: Has the conversation with County staff progressed on the extension of Watts Pond Road?

- The meeting is coming up in the middle of November and representative from Dufferin will be attending

Question Forty-Two: Do you know when you will apply for the PTTW?

- Dufferin will likely apply in early 2013
- This is assuming we get into pre-consultation and have the reviews prior to applying

Question Forty-Three: Have you had any communication with other outside bodies of first nations?

- No, just the Six Nations

Bill Galloway explains that there is no specific date to open the pit.

Question Forty-Four: When you do receive your PTTW, you can immediately go to the land?

- The PTTW is only needed to allow the washing of aggregates. The site could be opened without a PTTW however Dufferin's focus is on higher quality products such as concrete and asphalt products which require washing
- We do not need these permits to open the pit today but we recognize that we have made commitments to the community and the County to go through all permit processes before opening



Question Forty-Five: What is the material being used for?

- It will be used in our concrete fleet and is primarily used for construction in residential areas

Question Forty-Six: Where does all the gravel from Paris go?

- Aggregate from Paris will go to the Kitchener-Waterloo market and the Greater Toronto Area

Question Forty-Seven: Do you have any other pits in the area that are unopened?

- Yes, the Wilford Pit is currently licensed but not open

### **Next Steps**

Joanne Kearney explains the next steps:

- Dufferin to schedule pre-consultation meetings with various agencies and groups
- Continue to listen to the community
- Continue to liaise through the CAP

Next CAP date: Early 2013

Courtney Somers will circulate dates for the CAP to choose from.

Some possible topics for next meeting:

- Cornerstone Standard Council (SERA/AFO)
- PTTW consultation

Paris Pit



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