



## Meeting Minutes

Event:	Community Advisory Panel (CAP) Paris Pit CAP # 21
Date & Time:	Wednesday, June 5, 2019 7:00-8:30pm
Place:	Paris Fair Grounds 139 Silver St. Paris, ON N3L 1V5
Chair:	John Matheson, Facilitator
Participants:	Robb Edwards, Neighbour Alex Faux, Neighbour Jeff Broomfield, Neighbour Elizabeth Norris, Neighbour Cody Carey, Dufferin Aggregates Brett Yake, Dufferin Aggregates Kevin Mitchell, CRH Canada Group Inc. Maria Topalovic, CRH Canada Group Inc.
Minutes:	Conner Coles, Facilitator, StrategyCorp
Regrets:	Marilyn Sewell, Neighbour Bill Telfer, Neighbour Cyril Parsons, Neighbour Jake Vandenburg, Neighbour Ross Moore, Neighbour Dale Lukas, Neighbour
Guests:	Rob Kaufman, Guest Louis Van Hout, Guest

### Introduction

- The facilitators introduced themselves to members and explained the style of the minutes, the form and function of the question tracker, and the rules of the meeting. They told participants minutes are not a verbatim meeting recording, and members are welcome to note items they want on the record.

### Review and Approval of the Minutes from November 5, 2018

- A question was raised by a participant about Question 7 on the CAP tracker from November. The participant acknowledged Silver Street was a truck route but asked when the last time the route

designation was reviewed. Dufferin representatives explained the route is a municipal designation, which is beyond Dufferin's control. The last time the route's designation was reviewed was likely six or seven years ago. The representatives made it clear, however, that Silver Street would not be used by third party aggregate haulers for Dufferin, unless there was a local delivery that required that route.

- **Decision: The November CAP minutes were approved.**

### **Review of Questions**

Over the course of the CAP meetings, StrategyCorp has maintained a running list of questions raised by the CAP, and at each meeting, Dufferin will review their responses to the questions. There were no new questions to review or to respond to from the previous CAP meeting, so Dufferin's representatives began their Operations Update.

### **Operations Update**

- **Operations from October 2018 to June 2019 and Operations until October/November 2019**
  - Dufferin noted that from October 2018 to June 2019, the key operations have been:
    - Winter maintenance
    - Processing dry and washed products, which have been sand and stone
    - Rehabilitation, especially with side slopes, tree planting, and plant maintenance
  - The operations for the remainder of the year will be:
    - Shipping to customers
    - Processing dry and washed product
    - Maintenance activities
- **Area of Operations and Site Rehabilitation**
  - Dufferin shared aerial photos of the site and offered an update on site rehabilitation, product types produced at the site, details on the number of employees and shift sizes, and equipment used.
  - Dufferin informed neighbours and guests that most products are washed aggregates: concrete and asphalt sand and stone, and some granulars used in infrastructure development.
  - Dufferin representatives told neighbours the site's southeast corner will be seeded in the fall as part of the progressive rehabilitation. Seeding will take a U-shape to enhance natural features right up to the water's edge.
  - When asked about the number of ponds in the settling pond system, Dufferin explained that as the site progresses, additional cells (ponds) were added to the system. In 2018 there were two cells, and in 2019, two additional cells (ponds) were added based on the design.
  - Representatives told neighbours sediment from settling ponds was used in side-slope and bank rehabilitation. The sediment was approved to be used by the Ministry of the Environment, Conservation, and Parks (MECP) through the process outlined in the Environmental Compliance Approval (ECA).
  - Neighbours requested some product samples and sediment samples to review. Dufferin committed to providing those at the next meeting.
  - Neighbours requested a picture for the next meeting to better show seeded and rehabilitated areas. Dufferin committed to providing photos for the next meeting.

- When asked about machinery and infrastructure locations, employees responded saying everything was still in the same location from last year. Generators from last year, however, were removed since hydro – landline power was connected. There is still diesel on-site for one remaining generator, as well as on-site fuel storage.
  - Some neighbours asked about power outages on Watt’s Pond Road the previous Saturday night, but Dufferin noted that it did not go out for the site. If it did, the power may have gone out for an hour.
  - Dufferin replied the site required a new line in with more wattage to effectively power their equipment.
- Some neighbours also asked about how many Paris residents Dufferin has hired. Dufferin replied its employees mostly commute from within a 15-25-minute radius around the site.
  - Dufferin added it did some hiring recently, which was communicated in the local paper. There was one employee from Brantford, one from Cambridge, and one from near Hamilton.
- **Community Activities**
  - Dufferin discussed several community donations to the Brant Waterways Foundation, Paris Fall Fair and Paris Agricultural Society, Girls U12 Soccer, and First Nation communities.
- **Tree planting**
  - Between May 13 and 15, Dufferin engaged with schools and community groups to support tree planting at West River Road and Watt’s Pond to help fill in the tree canopy.
  - Dufferin and its team planted 600 trees and shrubs on May 13. Sixty-three Grades 1-8 participants planted 400 wildflowers and grass, trees, and shrubs.
  - One neighbour asked for more specific details on the 600 planted trees and shrubs. Dufferin responded by saying they had put native species in, namely white birch, high bush cranberry, and pines.

### **Annual Report Questions**

- Dufferin employees described the annual report prepared by GHD. The report includes the results of the monitoring required under the site plans, PTTW, and ECA. The report is submitted to the MECP, MNRF, and County of Brant. A copy is also posted on the Paris Pit website.
- **Water Taking**
  - Dufferin did not exceed its water taking limits but did have one day the allowance for the higher pumping rate was inadvertently used outside of the allowable 30 consecutive day window. A few days after the 30-day period ended, there was a power failure. Upon restarting the pumps, an employee accidentally re-started the larger pump. After 3.3 hours, another employee noticed the higher pumping rate being used and immediately shut off the larger pump.
  - To ensure future compliance, the site foreman put a lock and key over the larger pump. Since then, there have not been further issues.
- **Question 1: How does climate change or drought impact our water takings?**
  - *Answer: Any impact would be identified in historical water levels. Groundwater levels are monitored closely as Dufferin downloads data that is recorded hourly. The PTTW also requires a Trigger Level and Mechanism Plan which identifies early warning and trigger levels for specific*

wells. If monitoring demonstrates that the water table drops beyond the trigger level, there are actions to take to reduce pumping and increase monitoring. An early warning threshold was crossed in 2018, requiring an action to increase the frequency of manual water level measurements.

Pointing to data from the annual report, Dufferin showed there are some higher water levels compared to the late 1980s at some locations, but the water levels are largely the same.

- **Question 2: Why are some water levels higher and some lower in the annual report?**
  - *Answer: Dufferin employees replied suggesting groundwater is higher in some areas and moves towards a lower elevation, so it is dependent on where the wells are situated at the site.*
- **Question 3: If Dufferin hit the maximum when they get busier, there would be a buffer there. Does Dufferin think they are using more water than they expected?**
  - *Answer: Dufferin indicated that holding water was a challenge because the settling ponds are newly developed. Staff has adjusted the wash plant to use as little water as reasonably possible to wash material and to help with conservation efforts so there is more water that can be recycled as the material is washed.*
- **Question 4: Is building the pond taking longer than Dufferin expected? As Dufferin looks at the numbers in the daily takings, the water will drop. At the hearing, Dufferin said it would be completely sealed in a month. Is that not the case?**
  - *Answer: Yes and no. Dufferin has developed the settling pond cells in stages as the site progresses. Until Dufferin can access the space necessary to build the entire system, it will take time for the seal to be fully established on all settling pond cells. When the site started up production late in the first season, only partial production was completed and the material was rinsed, it did not need to be fully washed. Now that the site is in full production, more material will be washed, which will build up more sediment in the ponds to fully develop the seal. In order to minimize water loss, only two ponds were used in 2018.*
- **Question 5: Are you measuring private wells?**
  - *Answer: Dufferin staff would be happy to send their consultant, GHD, to measure wells if a neighbour has a concern, but Dufferin staff are not licensed to measure a person's private well. Two neighbours reported having higher water levels at their properties than ever noticed before.*

## Quality Monitoring

- Dufferin's testing of ground water and surface water sampling results were comparable to historical results. Wash water from the recirculation cell was sampled in 2018, in accordance with the ECA.
  - Groundwater, surface water, and wash water from the recirculation pond were sampled, and no pesticides, atrazine, atrazine metabolites, or glyphosate were present in the samples compared to laboratory detection limits, which are lower than the Ontario Drinking Water Quality Standards.
  - The sediment sampling plan was approved by the MECP Director – Approvals Branch.
  - Dufferin said its sediment was sampled in accordance with the plan and was approved for use in on-site rehabilitation by the MECP Director and the MECP Guelph District Manager.
- **Question 1: Can Dufferin explain how sediment sampling is put together?**
  - *Answer: Dufferin described the process of sediment sampling, which was done in accordance with the approved Sediment Sampling Plan. When aggregates are washed, the sediment and*

*water go into a tank, which is sampled by GHD five days in a row during the sampling week. The sediment from those samples is then added to a composite sample for the week and submitted to the lab. In 2018 this sampling process occurred five times. The MECP visited the site to review how the sampling would be done, prior to approving the Sediment Sampling Plan.*

- **Question 2: What is the duplicate sample?**
  - *Answer: Dufferin explained how duplicates are part of traditional quality assurance to ensure there is a spare sample and to assess potential for laboratory inconsistencies.*
- **Question 3: Why do some surface water readings have erratic metals readings?**
  - *Answer: Dufferin committed to sending the question to GHD for a follow-up response that will be provided to the CAP.*
- **Question 4: Why does the site have such large piles? Why does Dufferin have bigger piles in the fall and spring?**
  - *Answer: Dufferin needs to build inventory for the winter.*
- **Question 5: Where does the wash water sample come from?**
  - *Answer: It comes from the recirculation cell, which is the final settling cell in the system.*
- **Question 6: Why do aluminum levels in the reporting move around so frequently?**
  - *Answer: Dufferin committed to ask GHD that question and report back to the CAP.*
- **Question 7: The spill response well (MW7-18) had a detection of a hydrocarbon fraction. Does this mean there was fuel in the ground.**
  - *Answer: The amount was below the MECP's allowable limits. There is no fuel in the ground.*
- **Question 8: On the erratum from the hearing, where the actual test was conducted to even lower lab detection limits, it is clear Dufferin found atrazine at the lower levels, but have any of those tests been conducted at lower levels since then? Have there been water quality samples since the data was printed in the erratum? Was the same detection limit done by the lab, and, if not, why?**
  - *Answer: Sampling at these lower limits is not required by the approvals. Sampling is already being done to the lowest detection limits that the lab can reasonably use, which is already lower than the Ontario Drinking Water Quality Standards.*
- **Question 9: Has Dufferin paid attention to glyphosate? There is evidence saying it shows more effects on the third generation.**
  - *Answer: Dufferin follows what Health Canada regulates for standards and glyphosate is approved for use. Dufferin cannot control what is used by agriculture practices on surrounding lands owned by others.*
  - *Another CAP member suggested this information should be provided to the County by the neighbour who shared it.*
  - *Dufferin asked the neighbour why the CCOB did not comment on the proposed stormwater drainage from the subdivision that flows through the wellhead protection area into Gilbert Creek. The neighbour indicated they did not know this was happening until after it was approved.*

### **CAP Membership**

- The facilitators and Dufferin representatives noted that they would be reviewing CAP membership to allow members no longer interested to step down and to add new, interested parties to the CAP. They explained that they will be canvassing current members for interest and will be seeking out new members as well.
  - Dufferin representatives explained that they would like to canvass for members to ensure regular attendance for the CAP.

### **Next Meeting**

- Dufferin noted the meetings in 2019 would likely take place in late October or early November. A Doodle poll will be sent out to see which times work best.
- There were no discernable topics of discussion for the next meetings.