



Dufferin Aggregates
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Dufferin Flamboro Quarry Community Advisory Panel (CAP) Meeting Minutes

Date:	Monday June 23, 2014, 7:00 p.m. to 8:30 p.m.
Location:	Flamboro Quarry Office – 685 Brock Road
Chair:	
Participants:	Dale Arnold, Dufferin Aggregates Tim Cruickshanks, Property Owner/Contractor Mike Gubbles, Dufferin Aggregates Dave Rodgerson, Neighbour
Regrets:	
Absent:	John Elliott, Mineralist Terry Noftall, Contractor Robert Pasuta, Councillor, Ward 14 (Flamborough), City of Hamilton John Van Wyngaarden, Businessman
Facilitation and minutes:	Nic Canning, Smithcom, Facilitator, Sandra Mackie, minutes

Action Items from June 23, 2014 CAP meeting:

1. Tim Cruickshanks will prepare a design/plan for planting trees at the Dufferin Aggregates Flamboro Quarry Community Garden, including recommendations for the best varieties to plant.

Minutes

- Minutes were reviewed.
- The committee members approved minutes.

Review of Action Item from December 2, 2013 CAP Meeting

1. CAP Introductory Letter and FAQ

The CAP, with the help of Sandra Mackie, will coordinate via email, distribution of the approved communication materials in spring 2014 (March to June).

- Site Manager, Mike Gubbles, and Sandra Mackie, requested that CAP members hand out the Introductory Letter and FAQ at the Flamboro Open House which took place on June 14th. A table was provided in the tented area. As well, CAP members Tim Cruickshanks and Terry Noftall walked through the Open House, spoke to attendees about the CAP, and handed out the Introductory Letter/FAQ. CAP members were satisfied with this method of providing the Introductory Letter and FAQ to local stakeholders.



Flamboro Wells Project Update

Site Manager Mike Gubbels discussed the presentation provided by Nicolle Bellissimo, Planning Intern, Holcim (Canada) Inc.

The presentation contained the following:

- the Flamboro Neighbour Wells project is a proactive initiative undertaken by Dufferin Aggregates to prepare for extraction in the lower bench, and to act within Dufferin's license to mine to a depth of 230 mASL.
- to date, 20 new wells and 23 water treatment systems have been provided to neighbours
- 5 neighbour locations still require follow up visits to ensure their satisfaction
- a phased approach pump test will be needed to systematically evaluate the impact to neighbour wells that were left as is. This process will involve lowering sump water approximately 1 m at a time each Monday and then waiting few days to measure the impact on Dufferin's monitoring wells (loggers will be downloaded Thursday's by Conestoga Rovers). The results will be impacted by significant rainfall, which would delay interpretation and pump test process.
- Current level=233mASL/Final level=228 mASL (sump depth must be lowered to this amount). Timeline to complete this testing is approximately 5 weeks.
- 3 data loggers have been installed at neighbour homes to monitor drawdown as the sump level lowers
- Dufferin Aggregates will ensure neighbours are home during the pump tests
- Dufferin Aggregates will stay in communication with those neighbours who did not receive a well replacement. There are 3 neighbours on the 5th Concession who have wells with unknown depths
- assessment has indicated that there is a low likelihood of impact based on neighbour locations and well depths
- should a water emergency arise, temporary supplies can be made immediately available via 500 gallon holding tank
- Dufferin Aggregates will ensure contractors are available to drill wells and install treatments if necessary, and will hold sump testing/lowering until any issues are resolved

- Dave Rodgerson wanted to know what the difference was between the number of wells and number of treatment systems. Mike explained that some people had sufficient water from their existing wells and didn't need their wells deepened, but were updated with new systems. Mike noted that most of the systems consisted of water softeners, UV lights, sulfur filters etc., and that the new wells were drilled deeper than where Dufferin will ever be mining.

- Tim Cruickshanks asked about Flamboro Downs and if Dufferin would be required to supply them with new systems. Mike said that no matter how deep Dufferin Aggregates mines, Flamboro Downs will never be affected and that Flamboro Downs have more than enough water.

- Mike mentioned that to ensure the new wells will work when Dufferin Aggregates mines to the lower level, Dufferin Aggregates is lowering the water in the sump by approximately 1 m/week. Conestoga Rover & Associates (CRA) are checking data loggers in Dufferin Aggregates'



monitoring wells and neighbour wells to see if this reduction in sump water influences the water supply.

- Dave asked where the water flows when it is pumped. Dale Arnold told Dave that it runs through the property formerly owned by Dave Camara and Cathy Steele. Tim asked if the water comes back to where it originated. Mike commented that yes – eventually it does come back – but also noted that it discharges into natural area and that Dufferin Aggregates did not build anything extra for this process. The natural flow of the water is west to southeast, so it is believed that most of the neighbours should not be affected.
- sump/well testing is expected to continue until July 25. Any neighbour well issues will be addressed.

CSR

Community Garden

- Mike told the committee that the community garden had not been planted this year as it is a tremendous amount of work, and Dufferin Aggregates did not have enough time and employee support. He asked the committee if they would like to keep it as a garden or perhaps grow something else for example, Christmas trees or another kind of tree.
- Tim told the committee that it is easier to manage a small tree farm. It still needs to be watered but once it is set up it would be reasonable to maintain. Tim suggested the trees be planted and left until they are a good size, then clear them out (provide to scouts, neighbours etc., for rehabilitation) and then reinvest. He suggested around 20-30 trees be planted.
- Dave said that he liked the idea as the trees can be repurposed i.e. given to scouts, local schools etc., and is a much easier solution for that space.
- Tim said that fall would be the best time to plant. Mike asked how to deal with the weeds, and Tim suggested tilling them down, then getting some wood chips and making rows. Tim has offered to provide a basic plan for this and bring it with him to the next meeting, including suggestions for the best trees for this area.

Open House

- Sandra told the committee that approximately 115 people attended this year's Open House. Dave asked if that was a little lighter than last year and Sandra told him yes - last year there were approximately 125 attendees.
- Mike mentioned that the haul truck rides (new this year) were well received and that the Mayor of the City of Hamilton, who attended this year, really enjoyed the tour and haul truck rides as well.



Open Discussion

- Dave mentioned that the gate to Dufferin Aggregates' property on the 5th Concession had been broken into a few times. He suggested maybe a new gate or heavier chain as the chain is being cut. Dale mentioned that Dufferin has not noticed any issues on the site directly.
- Mike mentioned that the Flamboro site may begin night shipping again, perhaps in August or November, and that it will likely last a couple of weeks. Mike said that he understood from former Site Manager Ron Van Ooteghem that night shipping had taken place a few years before. Tim said that it had and that it was well managed.
- Dave said that one of the concerns is traffic. Dale said that Dufferin Aggregates manages the trucking in such a way that it reduces the amount of noise. Dave said that as long as neighbours know about it ahead of time it's not that big of a deal.
- Dave asked about any current noise at night i.e. if he hears noise at 10 pm is that Dufferin? Dale replied that it would not be Dufferin Aggregates, as Dufferin Aggregates is not allowed to operate at that time.
- Tim mentioned that he saw a truck parked on Highway 5. Dale said that Dufferin Aggregates really can't address what happens on the roads i.e. parking. The Flamboro Quarry allows the trucks to enter the site at 6:30 am. Tim mentioned that at 6:20 am, there could be as many as 20 trucks moving slowly down the Brock Road, but that nothing could really be done about that.
- Tim said that he was having some dust issues but they were mostly coming from his own neighbours.
- Dale told the committee that Dufferin Aggregates had recently applied calcium chloride to their haul roads to assist with dust.

Next steps

- Review plan created by Tim Cruickshanks for the tree planting at the Dufferin Aggregates Flamboro Quarry Community Garden.
- Wash plant tour

The next meeting will take place in the Flamboro boardroom, on Sept 15, 2014. It will be an earlier start (6 pm) to provide time for the wash plant tour.

Meeting adjourned at 8 pm.