



Bill Marquardt of St Marys and Gunther Funk of Gartner Lee Limited speak with a member of the community at our first Public Information Centre held on June 21<sup>st</sup>.

**St Marys**

**Flamborough Quarry**

**Community Newsletter**

**Issue #5**

**September, 2007**

## Message from the President...

Welcome to the fifth edition of the St Marys Flamborough Quarry Community Newsletter.

On Thursday, June 21<sup>st</sup>, St Marys held a Public Information Centre (PIC) at the Royal Botanical Gardens in Hamilton. The purpose of the PIC was to introduce the Haul Route Evaluation Study for the proposed St Marys Flamborough Quarry. The display boards from this session can be viewed on the St Marys website, [www.stmaryscement.com](http://www.stmaryscement.com). We were pleased that more than 125 people attended the PIC and had the opportunity to ask questions and provide feedback. Many of those who attended the session commented that the location was inconvenient, and in response we are looking for your input in selecting a different location for the next three PICs. Please contact our community info line at 1-866-602-0080 or e-mail us at [communityinfo@stmaryscbm.com](mailto:communityinfo@stmaryscbm.com) with your suggestions.

In addition to newspaper advertisements, notification of the next PICs will be provided by direct mail to everyone who signed in at the first PIC. You can also check the St Marys website for updates.

At the first PIC, we provided comment sheets for community members to share their questions and concerns with us. We thank you for your feedback. We will focus this issue of our community newsletter on answering some of the most frequently asked questions from the PIC.

If your questions are not answered here, I encourage you to contact us by telephone or e-mail, both of which are provided on the back panel of this newsletter.

We look forward to hearing from you.

Sincerely,

Richard Olsen

President, St Marys CBM

## **I thought you were releasing haul routes at PIC #1. When can we expect to see the proposed haul routes?**

This study is being conducted in accordance with the Terms of Reference defined by the City of Hamilton.

The purpose of PIC #1 was to introduce the Haul Route Study, identify how the public would like to be involved, and to identify initial public concerns and issues with the Haul Route Study.

The second PIC will provide an opportunity to present the draft set of alternative haul routes, and the approach to be used to evaluate the routes.

The third PIC will allow for public input regarding the evaluation criteria to be used to select preferred routes, measures to mitigate impacts, and the impact assessment of the net effects of designating the preferred routes as quarry haul routes.

The final PIC will be used to present the results of the comparative evaluation of the alternative routes, measures to mitigate impacts, and the impact assessment of the net effects of selecting the preferred routes as quarry haul routes.

## **Will haul routes be near schools?**

The use of roads by pedestrians and children is a very serious consideration in the identification of potential haul routes. Safety is a priority for St Marys at all of its operations. Minimizing the shared use of roads by trucks and pedestrians, particularly children, is a significant consideration that has been identified as a key concern. As such, routes that avoid activity zones such as schools and parks will be weighted more heavily during the potential haul route selection process.

## **Has St Marys identified and contacted all stakeholders who use the roads in the Haul Route Study?**

St Marys newsletters containing project updates and information are mailed to all residential, farm and business addresses around the proposed quarry via Canada Post Admail. Community members who have requested not to receive Canada Post Admail are able to request newsletters by e-mailing [communityinfo@stmaryscbm.com](mailto:communityinfo@stmaryscbm.com).

St Marys also places notifications in local and regional newspapers containing location and time details for all public meetings. All interested community members and stakeholders are encouraged to attend the Public Information Centres which will be held in association with the Haul Route Study.

Once the alternate haul routes have been identified, residents living along those routes will be notified through Canada Post Admail or through a flyer drop-off.

## **Can representatives wear nametags at future meetings?**

At all Public Information Centres going forward, St Marys representatives and their consultants will wear nametags to identify themselves.

## **Can I be informed of PICs directly, instead of through press coverage?**

If you would like to be notified of upcoming PICs directly, please send us your contact information through our community info line at 1.866.602.0080 or e-mail us at [communityinfo@stmaryscbm.com](mailto:communityinfo@stmaryscbm.com).

## **Where can I find information and resources to help me prepare feedback and questions for future meetings?**

All information presented at Public Information Centres or published by St Marys can be found on our website at [www.stmaryscement.com](http://www.stmaryscement.com). Information presented at all PICs will be available on the St Marys website the following day.

If you would like a copy of past PIC materials or newsletters please e-mail your mailing address and request to [communityinfo@stmaryscbm.com](mailto:communityinfo@stmaryscbm.com) or call our community info line at 1.866.602.0080.

## **How will you ensure community members using the road (e.g. children, cyclists, equestrians, joggers, and walkers) and current vehicles on the road, including school buses and Emergency Response Vehicles, are not at risk by trucks?**

Truck safety is a serious concern to St Marys. We are committed to working with the community to develop solutions to protect the safety of everyone on the road. In other communities where we operate, our neighbours help keep us informed about any trucking issues, including respecting the rules of the road and using the designated haul routes. If there is a concern about any of our truck drivers we encourage our neighbours to contact us so we can take appropriate action, which can include banning the truck in question from the site. In some communities, we have worked with the local police force to help us monitor and enforce truck speed and safety.

## **What are the health implications from dust, diesel, gas emissions, and air pollution? Specifically, what are the implications for those suffering from asthma and allergies?**

As part of our application we will address these issues and include an assessment of air quality impact. We believe that one of the best solutions to reducing emissions from aggregate truck traffic is ensuring that our operations are located close to the markets we service so that the haul distances are minimized. Increased haulage distances resulting from the need to truck in aggregate from sources which are further removed

from the market add to the deterioration of the roads and increase environmental and social costs (e.g. increased fossil fuel emissions from truck exhaust and more trucks past more people).

### **What will be the impact to wetlands, woodlands, and their wildlife?**

No extraction will occur in provincially significant wetlands or habitats of threatened and endangered species, and appropriate setbacks from these areas will be maintained.

Our ongoing field investigations of the important ecological features on our property and the lands surrounding the site will help to ensure that the quarry is designed to prevent a negative impact on these areas. In fact, one of the guiding principles for St Marys at Flamborough is to ensure that the rehabilitation of the site results in overall environmental benefits. Opportunities to enhance diversity in the short and long term are being carefully considered and will be a key topic of discussion with local agencies like Conservation Halton, as well as with members of the community who have a detailed knowledge of the local natural environment.

### **What will St Marys do if my well runs dry? If I want my well monitored during any possible pumping test, who should I contact?**

St Marys has reviewed water well records for private wells and has identified those wells which, due to their shallow construction, could experience a decline in water levels in response to the testing program and therefore impact the wells' ability to supply water for a short period of time. These residents will be contacted several weeks in advance of the testing and arrangements will be made with the landowners to monitor their wells during testing. Our staff and consultants will be available on a continuous basis during the testing to respond to any concerns by property owners, and will provide a replacement supply of water, if necessary.

If you would like your well monitored, please contact our community info line at 1.866.602.0080 or email us at [communityinfo@stmaryscbm.com](mailto:communityinfo@stmaryscbm.com).

### **Why did you apply for a Permit to Take Water?**

St Marys has made an application to the Ministry of the Environment (MOE) for a Permit to Take Water (PTTW). This permit would allow for further evaluation of the hydrogeologic setting at the proposed quarry site and would provide a greater level of detail to allow the City and the MOE to carefully assess the potential impacts of the project on local water resources.

The PTTW would allow for three pumping tests. The initial test is intended to simulate the effects of a quarry and will provide information on the aquifer that can be used to predict future effects. This testing was requested by the Ministry of the Environment

and is routinely undertaken in the province where it is necessary to establish how a development could affect water resources. The second and third tests are designed to evaluate the use of a Groundwater Recirculation System (GRS), which we have proposed to maintain groundwater levels in the area immediately surrounding the proposed quarry development.

The GRS testing program was developed in response to comments received from various review agencies, as well as INTERA, a consulting firm retained by the local public interest group FORCE, requesting that we needed to prove the feasibility/effectiveness of the technology.

Recirculation of water to maintain or artificially enhance water levels is a technology that has been successfully employed at other limestone quarries in various locations around the world, including a number of sites here in Ontario. Since geological and groundwater conditions can vary widely from site to site, the suitability of this technology must be evaluated on a site-by-site basis.

In preparation for the testing, St Marys has undertaken additional field work including the installation of large capacity wells which will be used to conduct the tests, and numerous monitoring wells that will be used to measure the water level response to pumping. If the permit is approved by the MOE, we anticipate that there will be several specific conditions set out by the province to ensure the safety of the testing. Additionally, on-site supervision will include representation from provincial and municipal staff with expertise in water resource issues. Safeguards have been built into the testing to ensure that water quality and quantity will not be impacted. The pump test can be modified or stopped in its entirety if unexpected problems arise. The site will be continually monitored during any testing and a contact number will be provided to address concerns of area residents.

## **How will you ensure quality and quantity of the water to Carlisle and area homes?**

Our commitment to you is to protect and preserve the quantity and quality of groundwater for households, businesses and farms. Throughout our 90-year history in Ontario, none of our operations have ever depleted or contaminated a public water supply. The fact that our current aggregate operations pose no threat to drinking water has been recently confirmed by the Ministry of the Environment. We have and will continue to conduct hydrogeological studies to determine the best ways to avoid impacting water quality and supply.

St Marys Cement is one of only a few companies to have implemented an ISO 14000 compliant Environmental Management System (EMS) for all of our Canadian operations.

St Marys will use its experience and resources to protect fresh, abundant water supply to neighbours; individual wells will be protected, and water quality and quantity will be maintained. Our Environmental Management System further ensures that we will use industry best practices to avoid spills at the proposed Flamborough Quarry.

### **What are you going to do with this land in 30-50 years?**

At the current time, it is expected that the quarry rehabilitation plan will result in the creation of a lake, with adjacent wetland and forested areas. The rehabilitation plan must be approved by the Ministry of Natural Resources as part of the licensing process and will need to reflect the provincial objectives outlined in the Greenbelt Plan. Rehabilitated land can have economic, aesthetic and environmental benefits. Once extraction is complete, it is likely that the property would be rezoned to reflect the discontinuance of the extractive industrial use. Any subsequent land use of the property (e.g., for recreational or public use) would be subject to planning approvals from the City of Hamilton.

### **Where can I submit feedback after meetings?**

Feedback can be submitted to:

Melanie Horton  
St Marys Cement, 55 Industrial Street, 4th Floor  
Toronto, ON M4G 3W9

Or, e-mailed to: [communityinfo@stmaryscbm.com](mailto:communityinfo@stmaryscbm.com)

St Marys will attempt to respond to all feedback received.

## **About St Marys Cement**

St Marys Cement Group is a leading manufacturer of cement and related construction products in Canada and the United States. For more than 90 years, we have contributed to the growth and prosperity of Ontario through countless engineering, civic and residential building projects. St Marys operates two cement plants in Ontario, including one in St Marys and one in Bowmanville. We also operate more than 40 ready-mix concrete plants and 12 aggregate pits and quarries across the province.

## **We want to hear from you...**

If you have any questions about St Marys Cement Group or about the proposed quarry project, please get in touch with us. If someone you know did not receive this newsletter and would like to, please let us know and we will add them to our distribution list.

**Telephone:** 1-866-602-0080 (toll-free)

**Email:** [communityinfo@stmaryscbm.com](mailto:communityinfo@stmaryscbm.com)

**Website:** [www.stmaryscement.com](http://www.stmaryscement.com)