



## NOISE AND AIR QUALITY PEER REVIEWERS SATISFIED

Over the past month, Capital's technical reports on noise and air quality for the proposed Shantz Station Pit have satisfied the peer reviewers hired by the Region of Waterloo, after correspondence between the company's and Region's

consultants resulted in further explanations of the original studies, and revisions made to the reports and site plan notations.

Highlights of the reviews include:

### ● NOISE

The noise peer reviewer hired by the Region of Waterloo indicated he was satisfied with the responses to most of his questions about Capital's noise report, including that the dynamic nature of noise effects that would occur during the pit's operation have been addressed by the modelling which indicated the predicted noise level at each receptor location was based on a "worst-case" scenario.

Capital's consultant agreed to four recommendations made by the peer reviewer:

- 1) An updated noise report be issued to reference and address applicable policies not noted in the original report, as well as guideline requirements for truck traffic noise on municipal roads.
- 2) The updated report and site plans indicate that pit equipment will remain on the pit floor while processing is occurring after initial operations in Phase 1 of extraction.
- 3) The third-party acoustical consultant who monitors noise control implementations will also monitor the recommended sound barriers.
- 4) Reports of noise monitoring be forwarded to the Region of Waterloo and Township of Woolwich, including any necessary remedial actions.

With the implementation of these recommendations, the peer reviewer noted that his work has been completed with no further outstanding issues.

### ● AIR QUALITY

Waterloo Region's air quality peer reviewer originally raised some questions and concerns about Capital's air quality study report and associated Best Management Practices Plan (BMPP), and also made recommendations for some additions and revisions.

Through back-and-forth correspondence, the air quality engineers from the Region and Capital came to an agreement on a number of issues, while Capital's consultant also agreed to some suggested revisions to its study report and BMPP.

The revisions to the BMPP included providing specific details about the height, density and efficiency of conifer trees to be planted as a dust control measure. They also included sweeping and watering down the section of Shantz Station Road at the entrance to the pit as required, in addition to the planned dust control measures on internal pit roadways. Further revisions included expanding the area where ongoing dust monitoring is required to account for outdoor amenity spaces, in addition to nearby residences, and that the BMPP "be reviewed annually, at a minimum, and updated if required."

In early June, the Region's air quality peer reviewer indicated he was satisfied with the explanation and revisions, and had no further concerns about the air quality effects and mitigation measures for the proposed Shantz Station Pit.

The noise and air quality peer reviews and responses are posted on the Shantz Station Pit website, [www.shantzstationpit.com](http://www.shantzstationpit.com).

Remaining work for the proposed Shantz Station Pit includes the completion of review correspondence between Capital's consultants and the reviewers on the agricultural impact, cultural heritage, traffic and the natural environment.

Details of this work will be published in subsequent editions of this newsletter.

As always, members of the community who have questions or concerns about the proposed Shantz Station Pit are invited to call or email project manager George Lourenco, whose contact information is listed below.

\* Please note that during this COVID-19 pandemic, Capital will not be mailing out paper copies of our newsletter, however we will send out paper copies of this and subsequent newsletters in future. In the meantime, our newsletters will be issued electronically to those people whose email addresses we have on file, and also post them on our website.