

## Notice to Residents

Boroughs of Ahuntsic-Cartierville and Saint-Laurent

### UPDATE ON CONSTRUCTION OF LAVIGNE WASTEWATER RETENTION STRUCTURE

Ville de Montréal hereby wishes to update you on the progress of the work involved in constructing the Lavigne retention structure. The first phase of the project consists of excavation and tunnel installation of the pipes, excavation of the retention basin in Parc Lefebvre, and the construction of three access structures. On the whole, the work is progressing at a controlled and satisfactory pace. Here are a few details on the various projects under way:

#### The basin (Parc Lefebvre)

This is where the main excavation shaft and where the three mega pipes are joined, at a depth of 25 metres. At the present time, the main activities are:

- Blasting excavation of the three tunnels heading towards the shaft along rue Ranger, the one on chemin Du Golf as well as in Parc Marlborough
- Removal and disposal of excavated rock

**Diameter:** 42 metres, **Depth:** 25 metres

**Progress (shaft):** Completed

**Basin tunnel to Ranger:** 40% complete

**Basin tunnel to Du Golf:** 36% complete

**Basin tunnel to Marlborough:** 50% complete

#### Ranger access and chute structure (south side of Gouin intersection)

**Diameter:** 7 m, **Depth:** 20 m

**Progress (shaft):** 12 m / 19 m completed

**Ranger shaft tunnel to Gouin:** 100%

#### Du Golf access and chute structure (at chemin Du Golf / avenue Jean-Bourdon intersection):

**Diameter:** 7 m, **Depth:** 20 m

**Progress (shaft):** 10 m / 19 m completed

**Du Golf shaft tunnel to Gouin:** ±50% complete

#### Malborough access structure (rue Robichaud between Beauzèle and Loiseau):

**Diameter:** 9 m, **Depth:** 30 m

**Progress (shaft):** Completed

**Marlborough tunnel to Beauséjour:** ±50% complete

#### Vibrations / Blasting

Vibrations may be felt at various levels during blasting operations. **The maximum sound wave level authorized in the contract is 20 mm/s.** However, the sound waves may be perceptible at a certain distance and may seem stronger than they actually are. The level of sound waves that could affect a house structure is approximately 70 mm/s. A number of seismographs are installed at various locations to monitor the sound waves associated with these operations. Rest assured that the City continues to be very strict about these measures.

#### Working hours / sound levels

At the present time, the contractor is working 24 hours a day, 5 days a week, between Parc Lefebvre (basin) and Parc Marlborough. At this pace, the work can be completed as quickly as possible. The contractor is subject to strict rules. For example, blasting must be carried out between 7 a.m. and 7 p.m. After 10 p.m., the noise level must not exceed:

- 70 dBA 7 a.m. - 7 p.m.
- 55 dBA 7 p.m. - 10 p.m.
- 50 dBA 10 p.m. - 7 a.m.

# INFO-TRAVAUX



## Questions?

If you have any questions or concerns, don't hesitate to contact **Info-Travaux** at **514 872-3777**. Each and every request is handled as quickly as possible, and if action is required, it is taken promptly.

## Information

**Email address for the project:** [bassin-lavigne@ville.montreal.qc.ca](mailto:bassin-lavigne@ville.montreal.qc.ca)



*Info-travaux* line: **514 872-3777, 8:30 a.m. – 4:30 p.m., Monday – Friday**



[www.ville.montreal.qc.ca/chantiers](http://www.ville.montreal.qc.ca/chantiers)



[www.twitter.com/Mtl\\_Circulation](https://www.twitter.com/Mtl_Circulation)



To report situations at any other time, phone **311**, mentioning that you are calling about a work project carried out by the **Service de l'eau's Direction de l'épuration des eaux usées**.

As it may be recalled, this basin will relieve the sewer system during heavy rainfall episodes as well as reduce the number of overflows into Rivière des Prairies and also provide additional flood protection in certain sectors.

Upon completion of the work, nearly 1.8 km of pipes will connect the basin and structures to the existing sewer system. Construction of the basin structure will be carried out during a second phase.

Ville de Montréal is aware of the inconveniences of such a large-scale project for the residents in this area and it is focusing its efforts on minimizing the unavoidable impacts. We thank you for your cooperation, patience and understanding.

*The Lavigne retention structure is being built under the Building Canada - Québec grant program.*

