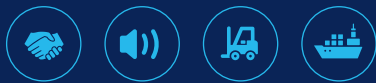


The Québec Port Authority recognizes the importance of good relations between port operations and the surrounding community. This sometimes means dealing with relatively complex issues, such as noise control. The Québec Port Authority and its operators are determined to reduce noise levels. Some actions have already been taken and others will follow.



THE QUÉBEC PORT AUTHORITY AND ITS USERS ARE WORKING CLOSELY TOGETHER TO REDUCE NOISE EMISSIONS, CONCENTRATING ON FOUR FIELDS OF ACTION

HERE'S SOME OF WHAT'S UNDERWAY OR STILL TO COME IN 2021



STAKEHOLDER COLLABORATION AND COMMUNITY DIALOGUE

- ✓ Formation of a technical committee with industry stakeholders to discuss the issues and find solutions
- ✓ Briefings and discussions with all the residents of Jardins de Mérci and new newsletter



AMBIENT NOISE MANAGEMENT PLAN

- ✓ Getting assistance from firms that specialize in finding technological and innovative noise-reduction solutions
- ✓ Identifying 10 biggest noise generators (dominant fixed sources)
- ✓ Drawing up and carrying out an action plan for reducing the noise footprint of operations (Sollio Agriculture)



OPERATING NOISE MITIGATION

- ✓ Installing broadband back-up alarm systems (white noise back-up signals) on vehicles
- ✓ Designing the Sollio Agriculture grain terminal for one-way loop traffic (so vehicles won't need to back up)



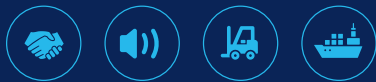
INITIATIVES INVOLVING SHIPS AND RAIL TRANSPORTATION

- ✓ Placing ships at port in such a way as to reduce the noise they emit into the neighbourhood
- ✓ Reducing the speed of trains on port lands (Sollio Agriculture)

FOUR FIELDS OF ACTION

FOR IMPACT MITIGATION

This briefing sheet summarizes the main actions recently undertaken or planned in the Anse au Foulon district both to mitigate noise pollution and to promote the Port's peaceful coexistence with urban community life.



For any questions or comments:
info@portquebec.ca

To report any incident or concern relating to port operations:
 Email signalements@portquebec.ca
 or leave a message at 418 263-3830 .

Reports are acted on 24 hours a day, seven days a week.

FIELD	ACTION	2019	2020	JAN-JUNE 2021	JULY-DEC, 2021	2022-
STAKEHOLDER COLLABORATION AND COMMUNITY DIALOGUE 	Regular meetings with the Jardins de Mérici Consortium		✓	✓	✓	
	Establishment of work notification mailing list				✓	
	Weekly mailing of operations notices (arrival times, type of operations, etc.)(Sollio Agriculture)				✓	✓
	Grain terminal tours and presentations on current and upcoming mitigation measures (Sollio Agriculture)			✓	✓	
	Personal followup with residents	✓	✓	✓	✓	✓
	Continuous cooperation with Québec City Hall	✓	✓	✓	✓	✓
	Formation of a technical committee with industry stakeholders to discuss issues and solutions				✓	✓
	Faster and more effective response to reported problems				✓	✓
AMBIENT NOISE MANAGEMENT PLAN (ANMP) 	Briefings and discussions with all the residents of Jardins de Mérici and new newsletter				✓	✓
	Investigation of reported problems	✓	✓	✓	✓	✓
	Use of sound level meters and continuous measurement of the sound levels of operations (inside and outside port lands)		✓	✓	✓	✓
	Identification of the 10 noisiest pieces of machinery (dominant fixed sources)				✓	
	Identification of the noisiest parts of machinery in the top 10 dominant fixed sources (Sollio Agriculture)				✓	
	Assistance from firms that specialize in finding technological and innovative noise-reduction solutions				✓	✓
OPERATIONAL NOISE MITIGATION 	Development and execution of an action plan for reducing the noise footprint of operations by dealing with dominant fixed sources and noisiest operating scenarios (Sollio Agriculture)				✓	✓
	Installation of broadband back-up alarm systems (white noise back-up signals) on vehicles			✓	✓	✓
	Sollio Agriculture grain terminal design for one-way loop traffic (so vehicles won't need to back up)		✓			
SHIPS AND TRAINS 	New unloading procedure for cars carrying soybean meal (a somewhat sticky flour) in hot weather to avoid use of a pneumatic piston and attendant noisy vibrations (Sollio Agriculture)				✓	
	Monthly meetings with operators to share information and best practices, raise awareness, follow up on complaints, and monitor action plan requirements	✓	✓	✓	✓	✓
	Ships placement at port to reduce their noise output in the area		✓	✓	✓	✓
	Assessment of the acoustic power of ships in port	✓	✓	✓	✓	✓
	Shipowners buy-in and awareness of the need to reduce sound emissions				✓	✓
	Specific noise and light-pollution mitigation measures in the contracts between Sollio Agriculture and CSL shipping group					✓
	Reconfiguration of the classification yard to reduce the noise of moving trains and rail cars			✓		
	Train speed reduction on port lands to reduce noise (Sollio Agriculture)			✓	✓	✓
	Rail operations planning such as reception and unloading of rail cars during the day (between 6 a.m. and 10 p.m.) until fall 2022 (Sollio Agriculture)			✓	✓	✓
Increased frequency of railway track maintenance to reduce friction			✓	✓	✓	
Removal of sound signals at rail overcrossings		✓	✓	✓	✓	