

ENVIRONMENTAL PROTECTION NOTICE

TAKE NOTICE THAT Chemtrade Electrochem Inc. (“Chemtrade”) of 100 Amherst Avenue, North Vancouver, BC, V7H 1S4 applies to the Metro Vancouver Regional District (“Metro Vancouver”) pursuant to the Greater Vancouver Regional District Air Quality Management Bylaw 1082, 2008 for a new Permit.

- The purpose of this application is to request authorization to continue discharging air contaminants from Chemtrade’s existing chlor-alkali manufacturing plant located at 100 Amherst Avenue, North Vancouver, BC, V7H 1S4. Chemtrade is currently operating under permit GVA0010, which expires January 31, 2026.

Chemtrade is requesting a new permit with a term until January 31, 2046 and an increase to authorized emissions from their primary boiler, to support enhanced operational flexibility in its fuel strategy, which incorporates the use of both natural gas and hydrogen. This emission increase is not associated with any changes in throughput, products, or modifications to existing operational processes.

Chemtrade operates a chlor-alkali manufacturing plant that produces chlorine, hydrogen and caustic from salt water in an electrolytic reaction. Hydrogen is used in the production of hydrochloric acid and is also used as fuel. The fuel is used to generate heat for evaporating water, in order to concentrate caustic soda to 50%.

Website for more information: <https://www.chemtradelogistics.com>

- The legal description of the land or premises where the plant, operation or source and treatment works are or will be located is Parcel Identifier: 007-253-265 Lot 5 Block H District Lots 193 and 611 Plan 17801.
- A summary of the emission characteristics for the entire facility is as follows:

	<u>Current</u>	<u>Requested</u>
a. Maximum total number of sources:	20	21
b. Maximum annual operating hours:	8760	8760
c. Expiry date:	2026-01-31	2046-01-31
d. Maximum Opacity:	10 percent	10 percent
e. Combustion processes – Primary fuel:	Natural gas	Natural gas
Secondary fuel:	Hydrogen	Hydrogen

- The mass of material to be discharged, emitted or stored (per specific time period) is as follows:

Total Emissions from All Sources Based on Requested Limits and or Estimates*

Contaminant	Current Permit Emissions (tonnes/year)	New Permit Requested Emissions (tonnes/year)*
Nitrogen Oxides	24.36	26.06
Sulphur Dioxide	0.22	0.86
Volatile Organic Compounds	0.59	2.31
Total Particulate Matter	3.92	6.30
Ammonia	0.35	1.35
Chlorine	0.99	0.99
Hydrochloric Acid	0.58	0.58
Total	31.01	38.45

*Detailed methods for calculating emissions are contained in the full application document.

This Notice is published pursuant to the *Environmental Management Act*, the Public Notification Regulation, and the Greater Vancouver Regional District Air Quality Management Bylaw 1082, 2008. A person who may be adversely affected by the granting or amending of the permit described in this notice may, within 30 days of its publication, notify Metro Vancouver’s District Director in writing stating how that person is affected. When making a decision on the permit or approval application, the District Director will consider the application, comments submitted and any responses provided by the applicant.

As per the Environmental Protection Notice, available on our website [here](#), information collected during the comment period and the time following until a decision on the permit application has been made is collected by Metro Vancouver in accordance to s.26(c) of the *Freedom of Information and Protection of Privacy Act*. The information collected will be used for the purpose of making a decision on the permit or approval application and will be forwarded to the permit applicant for response to the District Director. By submitting a public comment, you consent to such disclosure. Also, your submission may be made available to the public as part of the public record, subject to the provisions of the *Freedom of Information and Protection of Privacy Act*. Should you have any questions about the collection of this personal information please contact the Privacy Officer at privacy@metrovancover.org.

Metro Vancouver
 Attention: District Director
 4515 Central Boulevard, Burnaby BC V5H 0C6

Phone: (604) 432-6200
 Email: ChemtradeComments@metrovancover.org

Posted: October 10, 2025