Good Day Ms. Preston, The Honourable Jonathan Wilkinson, Mr. Bennett, Indigenous Services Canada (ISC), Natural Resources Canada (NRCan) and Canada Infrastructure Bank (CIB),

I wish to draw your urgent attention to my request to refuse the application for permit #GVA1202 and the development of the Semiahmoo First Nation/Andion Renewable Gas Facility in South Surrey, BC for the reason of the unacceptable risk to my health and the health of my family and neighbours in this residential area.

I respectfully submit under MVRD Bylaw 1028 Section 7 (12) the Emission Permit submitted by the applicant exceeds the Bylaw limits "Daily emission permissible" of 5 kilograms per day. The SFN/Andion RNG plant proposes to exceed those limits significantly, as detailed in the attached excerpt from the Excel Spreadsheet prepared by Richard Landale, Oil & Gas Industry Expert (retired).

1. As the SFN / Andion RNG Plant emissions exceeds the MVRD Bylaw 1028 AAQO, I accordingly request under the Bylaw the Emission Application Permit be denied.

2. The SFN / Andion RNG Plant emission application permit lists 6 emission elements which do not appear to be documented by MVRD Bylaw 1028. **Could you please provide the AAQO limits and Regulating Bylaw/s for the remaining 4 elements**.

The original Excel Spreadsheet used to convert the "Nitrogen Oxides (NOx) and Sulphur Dioxide (So2) tonnes per year to compare to the MVRD Bylaw on a kilograms per day basis has I believe been sent to you. The following calculator was used.

https://www.kylesconverter.com/mass-flow/kilograms-per-year-to-tonnes-per-year

Unit Descriptions

1 Kilogram per Year:

Mass flow of kilograms across a threshold per unit time of a year. A 365 day year of 31536000 seconds. 1 Kilogram per year = 1/31536000 kilograms per second (SI base unit). 1 kg/yr ≈ 0.000 000 031 709 791 984 kg/s.

1 Tonne per Year:

Mass flow of metric tons across a threshold per unit time of a year. A 365 day civil year. 1 Tonne per year = 1000/31536000 kilograms per second (SI base unit). 1 t/yr ≈ 3.170 979 198 x 10-5 kg/s.

**I specifically request that you acknowledge my status as a "Concerned Person" for the purposes of this permit application, and that I receive an answer as to why this project and the addition of it's rejected toxins to the air in South Surrey and White Rock is not going to adversely affect my and my families health when close to this refinery on either the public highway or recreational land.**

**I request the opportunity to question the applicant Semiahmoo RNG GP Corp. directly in a meeting to explain the application and proposed environmental protection measures that will prevent any possibility of harm to myself as per the Greater Vancouver Regional District Air Quality Management Bylaw No. 1082, 2008. I also wish to be kept informed of any change in status of this permit application.**

Kind Regards,

*YourName*
*YourPostalCode*
*YourEmail*

*Sent with attachment below:*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | **Element Conversion** | | |
| | SEMIAHMOO RNG GP Coorp Suite 2500, Park Place, 666 Burrard St. Vancouver BC V6C 2XB to : Greater Vancouver Regional District Air Quality Management Bylaw 1082, 2008 for a Permit | | | | **Convert Tonnes Per Year to Kilograms Per Day** | | |
| | https://www.andionglobla.com/public-notification-of-permit-application-semiahmoo-rng | | | | https://www.kylesconverter.com/mass-flow/kilograms-per-year-to-tonnes-per-year | | |
| | **Published in the Peace Arch New Thursday September 26. 2023** | | | | **Metro Vancouver Regional District AAQO Bylaw 1082** | | |
| - | - | - | - | - | | | |
| - | - | - | - | - | | | |
| | Element | | Emission (Tonnes/ Yr) | Over 20 Years | **Permit Application Per/Yr/Day** | **Bylaw 1082 sect 7(12)** | |
| 1 | Nitrogen Oxides (NOx) | Nox | 2.79 | 55.8 | **7.64383562** | **5** | kg / Day |
| 2 | Sulphur dioxide (SO2) | SO2 | 0.523 | 10.46 | **1.43287671** | **5** | kg / Day |
| 3 | Volatile Organic compounds (VOC) | VOC | 0.78 | 15.6 | **2.1369863** | ? | kg / Day |
| 4 | Ammonia (NH3) | NH3 | 0.41 | 8.2 | **1.12328767** | ? | kg / Day |
| 5 | Methane (CH4) | CH4 | 35.8 | 716 | **98.0821918** | ? | kg / Day |
| 6 | Hydrongen sulphide H2S) | H2S | 0.108 | 2.16 | **0.29589041** | ? | kg / Day |
| | **Total** | | **40.411** | **808.22** | **110.715068** | | |
| | Summary of Emissions | | | | | | |
| a | Combustion Processes | Primarty Fuel - Natural Gas; Secondary Fuel N/A | | | | | |
| b | Maximum Opacity | 5% | | | | | |
| c | Maximum Total Number of Sources | 5 | | | | | |
| d | Maximum duration of discharge of air Contaminants | 8760 | hours | Days 365 | | | |
| e | authorization term requested | 20 | years | 7300 | | | |