



July 21, 2021

Mayor Ray Ruben
Hamlet of Paulatuk
P.O. Box 98
Paulatuk, NT X0E 1N0

Dear Mayor Ruben:

Re: N7L3-1619 - Hamlet of Paulatuk, Municipal Water Licence – Surveillance Network Program (SNP) Laboratory Results

The Inuvialuit Water Board (IWB) received the Surveillance Network Program (SNP) laboratory results on July 14, 2021. Upon review, the IWB provides the following comments and recommendations:

- (1) The lab report submitted indicated results for “Client Sample IDs: 1619-1, 1619-2, and 1619-3”; and “Location: Solid Waste Site”. The “Client Sample IDs” and “Location” indicated on the lab report are incorrect. Based on the results of the test parameters provided it seems the samples were collected from SNP station numbers 1619-2, 1619-3, and 1619-4.

The SNP stations for the “Sewage Waste Disposal Facilities” are 1619-2, 1619-3 and 1619-4 and the SNP stations for the “Solid Waste Site” are 1619-5 and 1619-6. The description as per Water Licence is as follows:

Water Licence N7L3-1619 Annex A: Surveillance Network Program (SNP), Part A: Sampling Stations

SNP Station Number	Description of Sampling Station
1619 - 1	Raw Water supply at the point of intake
1619 - 2	Effluent discharge from existing Sewage Waste Disposal Facilities before entering adjacent wetland
1619 - 3	Effluent discharge from adjacent wetland of existing Sewage Waste Disposal Facilities before entering Darnley Bay
1619 - 4	Effluent discharge from Abandoned Sewage Lagoon before entering Darnley Bay
1619 - 5	Run-off from existing Solid Waste Disposal Facilities
1619 - 6	Run-off from existing Solid Waste Disposal Facilities before entering old Water Lake

For future sampling it is recommended that the “Client Sampling IDs” are the same as the “SNP Station Number” (above); for effluent samples indicate the Location as “Sewage Disposal Facility” and for run-off samples - indicate Location as “Solid Waste Site”.

- (2) The lab report indicates "*Samples received past hold time; analysis not possible*" for the following parameters: Biochemical Oxygen Demand, CBOD, and Fecal Coliforms. For future sampling activities, it is recommended that samples collected are shipped to the laboratory in a timely manner (specifically on days when the scheduled flight to Paulatuk coincide with flights south).
- (3) As per water licence N7L3-1619 Annex A: Surveillance Network Program (SNP), Part D, Item 1: "*In accordance with the reporting requirements described in Part B, Item 1, the Licensee shall submit all of the data and information generated by Part B and Part C of the Surveillance Network Program to the Board not later than April 30 of the year following the end of the calendar year (end of the reporting period)*". These results should be submitted with the annual report.

The submitted documents including all related IWB correspondence will be placed on the IWB Public Register. Should you have any questions or concerns please contact me at 867-678-8609 or semmlerm@inuvwb.ca or Bijaya Adhikari, Science and Regulatory Coordinator, at 867-678-8610 or adhikarib@inuvwb.ca.

Sincerely,



Mardy Semmler
Executive Director

cc: John Holland, SAO - Hamlet of Paulatuk
Lloyd Gruben, Water Resource Officer – ENR, Inuvik