



Air Quality Health Index (AQHI) Station Deployment Plan

January 21, 2019

Seeking Input:

The Technical Working Group (TWG) would like to inform the Board of Directors of its decision on the initial deployment of the new Air Quality Health Index (AQHI) Station. At this time, the TWG invites feedback from the Board of Directors and broader PRAMP stakeholder group regarding the deployment decision before any major project work commences.

Summary:

In early 2018, PRAMP began the process of commissioning a new monitoring station. This new station will be the first to provide the Air Quality Health Index (AQHI) for the Peace River area. This new monitoring tool is in the final stages of commissioning and will be ready for deployment in the first quarter of the 2019-20 fiscal year (April – June 2019); the initial deployment of the station will be for 18 months.

Over the last 4-6 months, PRAMP has been seeking input from area stakeholders on where the AQHI station should be deployed for its inaugural monitoring period. Two possible locations surfaced: East of Nampa (East Ridge Road area) and Woodland Cree (Reservation areas along highway 986).

At its January 2019 meeting, PRAMP's TWG applied the *Board-approved* process and matrix for prioritizing, evaluating, and objectively selecting a monitoring location for the AQHI station. The Nampa and Woodland Cree monitoring sites were evaluated according to the matrix; the Woodland Cree option scored a higher priority ranking (14 out of 16) than Nampa (10.7 out of 16). Below are a few of the key matrix items that resulted in the Woodland Cree option gaining a higher prioritization score:

- PRAMP has been aware of the air quality concern in the Woodland Cree area for some time, but PRAMP has previously not been able to address it due to the 'fixed' nature of the existing regional air quality monitoring program. The Nampa air quality issue has only recently appeared on PRAMP radar.
- The matrix takes into consideration the population density and number of people being affected by the potential air quality concern. With a relatively low density of families living east of Nampa, the more densely populated Woodland Cree lands resulted in a higher scoring outcome.

The PRAMP Technical Program Managers will work with representatives from Woodland Cree to secure an appropriate monitoring location for the AQHI station.

For more information about the project, please contact the PRAMP Technical Program Managers: pramptech@prampairshed.ca or 780 266-7068