

Logistics and Administration

Quarterly Report



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Date: 01 October to 31 December 2017

Logistics at the Western Arctic Research Centre

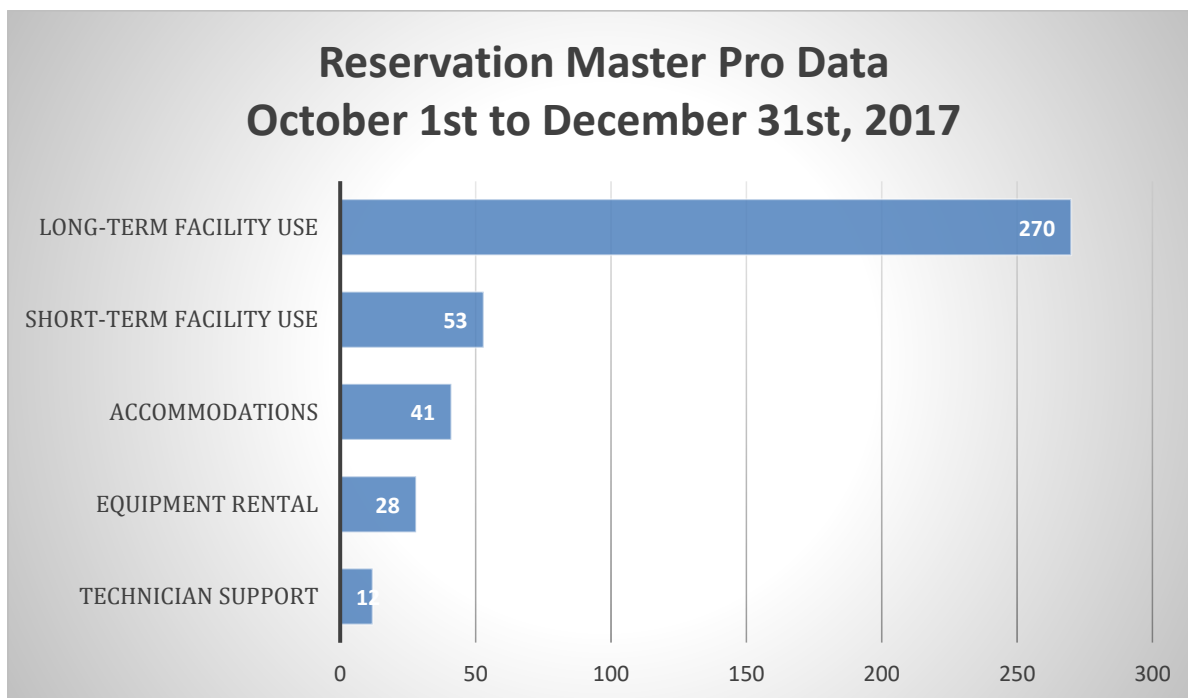
WARC provides a wide range of support to researchers on an annual basis, as well as to aboriginal groups and organizations, businesses, government departments, high schools, and the Aurora College.

WARC offers affordable accommodation to researchers. Rates include daily, weekly and monthly fees. Rates vary depending on whether the user is a Student, Canadian, or Non-Canadian. Each house includes a full kitchen, bath, laundry services, a living room, and six beds. Other features include basic cable television, wireless internet, and a front deck with a barbeque. The main facility includes a shared research office space with up to 10 individual desk spaces, three labs (a Clean Lab, a Teaching Lab and a Wet Lab), a classroom, two meeting spaces, the conference room, and a small meeting room.

We have a large selection of equipment that is also provided on an annual basis. Big items include a boat with or without a motor, snow machines, and toboggans. Smaller items include camping equipment, cold weather gear, ice augers, and frost depth probes. A detailed list of the support that we provide can be found on our website at: <http://nwtresearch.com/logistics/fee-schedule>.

User Days of Support

Below is a graph detailing the number of days supporting long-term facility users (e.g., leases and support for long-term projects), short-term facility users (e.g., lab space, conference room, meeting room, classroom), equipment, Technician support, and accommodations.



Activities of Note

Public Presentation

Hayley Hung, Environment and Climate Change Canada

Title: Air Contaminants in the Arctic

Environment and Climate Change Canada (ECCC) investigated how mercury and persistent organic pollutants travel in the air currents and how they are deposited into the Arctic ecosystem. ECCC presented an overview of this work, including what they have been doing to understand how contaminants move to and deposit in the Arctic, whether the levels of these contaminants are going up or down, and what the government is doing about the issue. *5 people attended.*

Public Presentation

Paden Lennie and Jenny Costa, Parks Canada

Title: Research in Ivvavik National Park

The Aurora Research Institute and Parks Canada worked together to provide an opportunity for the public to come and learn about Ivvavik National Park: the landscape, the wildlife, the history, and the research being carried out there. *33 people attended.*



Presentation to the Aurora College Environment and Natural Resources Training Program

Hayley Hung, Alexandra Steffen, and Lisa Jantunen, Environment and Climate Change Canada

Title: Air Contaminants in the Arctic

Same as above. 9 students attended.

Air Quality Station Tour for the Aurora College Environment and Natural Resources Training Program

ARI provided a tour of the Air Quality Station. The tour included a discussion about local emissions and remote emissions.

ARI Booth at the Inuvik Job Fair

This was coordinated by Annika Trimble and assisted by Andrew Gordon, Niccole Hammer, and Matthew Dares. *175 people participated.*

East Three Elementary and Secondary School

Throughout this quarter, there have been many educational and outreach activities for the students and staff from East Three Elementary and Secondary School. These include:

- Visiting the Education Garden, learning about plants and their habitats, and arctic adaptations.
- Class visits with guests, learning about air contaminants in the arctic
- Class visits to learn about plants, arctic adaptations and traditional uses
- 3D printer basics
- On the land program

There were *a total of 383 participants* in our educational outreach programs this quarter.

GIS Day

What is GIS? Geographical Information Systems (GIS) refers to all the ways we use geographical data. From the use of GPS units and smartphones, to tracking wildlife and mapping traditional knowledge- GIS is used in our everyday lives, by citizens and decision makers alike. Students from East Three Elementary and Secondary school, Aurora College, and the public took part in this event. The activities included:

- Demo technology
- Sharing information about how GIS is used in our region by local geomatics experts
- Special presentation of the use of GIS by WWF

A total of 354 people participated.

Town of Inuvik Cultural Workshop- Winter Ethnobotany Workshop

Annika Trimble, from the Aurora Research Institute, and Mabel English, in partnership with the Town of Inuvik and Canada 150, put together a cultural workshop called *Plants of the Mackenzie Delta*. Using traditional knowledge from both the Inuvialuit and Gwich'in, plants are

not just a part of the scenery: they are food, fuel, tools, medicine and more. They are critical to life on the land. Twelve people took part in this event.

General Logistics Support

10 Logistical Support Request Forms were received between 01 October to 31 December 2017. Here is a breakdown of support requested: 1 requests for accommodations, 7 requests for facility space (laboratory, research office and conference room), 3 requests for equipment (boat with motor, boat, fire arm, satellite phone, etc.) and 1 other request, such as Technician Support, airport pick-up/drop-off, and access to ARI fridge/freezer and storage space.