

4th Annual Water and Sanitation Innovations for the Arctic
Thursday, January 30th, 2014

A Workshop Cosponsored by:
U.S. Arctic Research Commission and the Centers for Disease Control and Prevention

Thursday, January 30th – The Quarter Deck at the Captain Cook Hotel (939 W. 5th Avenue, Anchorage, AK)

ALPHA Alaska Health Summit-associated session of interest: “Progress on Improving Water and Sanitation in Rural Alaska” - January 28th from 1:30 - 2:45 PM: Link to ALPHA Alaska Health Summit Schedule can be found at: <http://www.alaskapublichealth.org/health-summit/>

Workshop objectives:

- Present an overview of the historical construction and design approaches to Alaskan washeterias and present the current status and condition of washeterias today.
- Discuss/define strategies for optimizing each area of interest as it applies to washeterias: construction/design, economics, health/sanitation and meeting user needs.
- Discuss the planning for the washeteria “best practices” document

8:00 A.M. Room is open for participants, coffee will be served

8:30 A.M. Meeting commences

Session 1: Recap of recent progress and comparative approaches to enhancing existing O&M

8:30- 10:00 A.M. Recap of progress to date

8:30-8:45 A.M. Welcome, Announcements and Introductions

8:45-9:00 A.M. Current status of Alaska’s washeterias with a look towards future needs (*B. Griffith, ADEC*)

9:00-9:30 A.M. The evolution of washeteria design in Alaska and today’s standard (*D. Antrobus ANTHC*)

9:30-10:00 A.M. The economics and financial viability of washeterias (*G. Hamburg, DCCED*)

10:00-10:15 A.M. *Break*

10:15-noon New technologies and research that can be used to improve washeteria design and use

10:15-10:45 A.M. Consumers, Operators and Utility Managers: How their behavior can work together to maximize the health impact of washeterias (*T. Ritter/C. Dankmeyer, ANTHC*)

- 10:45- 11:15 A.M. Saunas, showers, sink, toilets and laundry: everything you need to know about maximizing their sanitation (*C. Rosa, USARC*)
- 11:15- 11:30 A.M. Washeteria energy use and conservation (*D. Reitz, ANTHC*)
- 11:30-12:00 Washeteria use in rural villages: how are washeterias falling short of local needs? (*M. Pete, USARC, R. White, YKHC and J. Wassillie, City of Nunapitchuk*)

noon-1:00 P.M. *Box lunch on site (30 minute lunchtime panel discussion optional)*

Session 2: Breakout Groups to Address Specific Areas: Construction, Design, Sanitation, User Needs

- 1:00 – 2:00 P.M. Breakout Group Tasks, Part 1
- 2:00-2:30 P.M.: *Break*
- 2:30-3:30 P.M.: Breakout Group Tasks, Part 2
- 3:30-5:00 P.M. Groups report back (10 minutes each) followed by discussion of ways forward/planning for future drafting of the best practices document
- 5:00 P.M. *Adjourn***

Packet Contents:

- (Agenda)
- PDFs sent via email (these resources will be available, in print, to each breakout group as a reference)
 - MRSA documents (compilation)
 - CRUM chapter on washeterias
 - Ozone technology compilation
 - Copper technology compilation
 - Laundry literature review excerpt (Nordstrom thesis, 2009)
 - Showers (bathroom hygiene compilation)
 - Saunas (hygiene compilation)
 - O&M Small Water Systems – Washeterias (Skeet Arasmith)