**Purpose** The purpose of the technical workgroup is to review the materials presented to date and develop technical recommendations on key issues that affect how Alaska will develop human health criteria in State water quality standards.

**Workgroup Participants:** L. Duffy; J. Fall, B. Gerlach; S. Deglin; B. Jokela; A. Kelley; M. Opheim; N. Sonafrank; L. Verbrugge; T. Wu; K. Zamzow

**Technical Advisors:** L. Kissinger (EPA), M. Szelag (EPA)

**Expected Meeting Outcome(s):**

1. Have a better understanding of EPA’s process for developing BAF values and how marine mammals could be incorporated.
2. Have a better understanding of which chemicals with HHC are present in Alaska.
3. Develop technical recommendations on how DEC could address those chemicals in the HHC formula.

**December 15 Agenda**

1:00 Housekeeping

1:05 Discussion: Development of BAF values and marine mammals (Dr. Gobas)

Questions for discussion

1. What marine mammals are bioaccumulating contaminants from waters under CWA jurisdiction (i.e. near shore marine, estuarine, and fresh water)?
2. Corollary:  Do some marine mammals have a fraction of their body burden that comes from CWA jurisdiction waters?  How would we get at fractional uptake?
3. How would we incorporate consideration of marine mammals in EPA’s current BAF methodology?
4. How do we take into account variation in bioaccumulation by life stage or season in developing BAFs for use in AWQC development?
5. Do you have any thoughts as to how we would deal with differences in diet and bioaccumulation across Alaska in developing AWQC?
6. What are we missing?

1:45 Discussion of Contaminates seen in Alaska and HHC revision process

* Relevance to BAF/BCF; FCR; RSC
* Resource: DEC Whitepaper
* Contaminates noted by DHSS/USFWS

2:45 ADF&G FCR Project Update & Next Steps

2:50 Public Comments

3:00 Adjourn

**Meeting Documents**

1. Technical Workgroup Notebook
   1. Chapter 4: Methodology for Deriving Ambient Water Quality Criteria for the Protection of Human Health (2000): (NOTE THAT THIS DOCUMENT WILL NOT BE IN THE NOTEBOOK DUE TO SIZE OF DOCUMENT) <http://water.epa.gov/scitech/swguidance/standards/upload/2005_05_06_criteria_humanhealth_method_complete.pdf>
2. DEC Whitepaper: Chemicals in Alaska with Human Health Criteria

**Action Plan**

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| **Who** | **Will do What** | **By (Date)** |
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