

Areas of Aquaculture Management – January 24th 2011 Participant Work Sheet



FIRST NATIONS
FISHERIES COUNCIL

The following aspects were identified as priority areas by the First Nation participants at the Spring 2010 Aquaculture Community sessions. These were the aspects of aquaculture management that First Nations wanted to be engaged in. What is the appropriate scale for engagement and decision making in these areas? Should decisions be made at the community, region or B.C. wide scale? As well, engagement in what specific aspects are high priority? Medium priorities? Lower priorities? This information will be used by the Aquaculture Working Group to shape their priorities for the coming 2011-2012 year.

1. Governance Aspects

Theme	Aspects	Scale			Priority High = H Medium = M Low = L
		Community	Regional	B.C. wide	
<i>Development and Design of the Integrated Management of Aquaculture Plan (IMAP) Framework</i>	• Determining # of areas, locations and sectors for area management				
	• Management objectives for each industry (i.e. shellfish, finfish, etc)				
	• Operational guidelines and industry standards				
	• Ongoing engagement process to receive feedback on IMAPs				
	• Setting of regional and national departmental (DFO) priorities				
	• Accounting/Assessing Cumulative impacts				
<i>Policy Making</i>	• Drafting new polices				
<i>Tenures</i>	• Authorizing tenures for farming				
	• Determining areas for future tenures				
	• Conditions and terms for tenures				
<i>Promotion of Economic Development Opportunities</i>	• Programs to increase access				
	• International certification				
	• International marketing				
	• Linkages to national initiatives, such as NASAPI				
<i>Relationship Frameworks</i>	• Engagement with First Nations				
	• Engagement with Industry				
	• Working with International markets				
	• Consultations with other resource users (i.e. wild fisheries, etc)				
<i>Reporting Mechanisms</i>	• Public outreach/education				
	• Transparency of documentation				
<i>Accountability Functions</i>	• Regulatory Review/assessment				
<i>Product Safety</i>	• Setting allowable toxicity levels, contamination levels, international trading standards				

2. Management Aspects

Theme	Aspects	Scale			Priority High = H Medium = M Low = L
		Community	Regional	B.C. wide	
<i>Licensing Conditions</i>	• Introductions and transfers of fish, eggs, shellfish, etc				
	• Fee structures for farm operators				
	• Marine mammal considerations (nuisance seal permits, etc)				
	• Determining the waters where farming can occur (depth, flow, etc)				
	• Composition of fish feed				
	• Type of equipment used on farms				
<i>Waste Management</i>	• Determining habitat H.A.D.D.s (harmful alteration, disruption and destruction)				
	• "Authorizations" for the deposition on substances into the marine environment (Fish feed, feces, offal, blood water, disinfectants, anti-foulants, wastewater from farming operation)				
<i>Incidental Catch</i>	• By-catch monitoring, reporting and tracking				
<i>Enforcement</i>	• Monitoring for compliance				
	• Penalties for non-compliance				
	• Site inspections				
	• Observers at on/off loading				
<i>Ecosystem Stewardship/ habitat restoration</i>	• Monitoring for environmental factors				
	• Escapement monitoring and re-catchment				
<i>Area Management</i>	• Marine Use Planning				
	• Watershed planning (bay management plans)				
<i>Disease and Parasite control</i>	• Setting targets for sealice and parasites				
	• Innovation for parasite treatment				
	• Control measures to reduce transmission				
<i>Managing and authorizing farms</i>	• Animal welfare consideration				
	• Operational guidelines on farms				
<i>Industry innovation</i>	• Support for closed containment				
<i>Coordinating/ managing conflict</i>	• Between resource users				
	• Space competition				
<i>Personnel management</i>	• Developing training programs				

3. Operational/Technical Aspects

Theme	Aspects	Scale			Priority
		Community	Regional	B.C. wide	High = H Medium = M Low = L
<i>Administration</i>	• Collecting fees				
	• Issuing of licenses				
	• Reporting on financing				
<i>Operational Guidelines/ standards</i>	• Facility integrity				
	• Escape management				
	• Workplace safety				
<i>Reporting</i>	• Processes for effective reporting				
	• Record-keeping methods (what to report on)				
	• Incidental by-catch reporting				
<i>Science and Research</i>	• Data gathering				
	• Record keeping				
	• Assessment				
	• Mapping				
<i>Monitoring and Assessment</i>	• Guardian Program				
	• Environmental Assessments				
	• Watchman Program				

Other thoughts/comments?