Development of draft indicators

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Goal

The goal of the Dialogue is to create performance-based standards that minimize or eliminate the key environmental and social impacts of salmon farming, while permitting the industry to remain economically viable.

How do we define “standard?”

- **Impact:** The problem we want to minimize
- **Principle:** The guiding principle for addressing the impact
- **Criteria:** The area to focus on to address the impact
- **Indicator:** What to measure in order to determine the extent of the impact
- **Standard:** The number and/or performance level to reach to determine if the impact is being minimized

Piranha Aquaculture Dialogue

Principle 3 : Protect worker health and safety

Criteria

Accidents on the farm

Indicator

The number of lost fingers per month

Standard

No more than 2 lost fingers per month

Moving towards standards

- Principles & Criteria
  - Drafted taking into account discussion from other Dialogues
  - Two rounds of revisions and comments to refine drafts

Moving towards standards

- Indicators
  - Drafted with input from scientific experts
  - Transparent snapshot of SC deliberations to date
  - Some indicators reflect a strong consensus of the SC, other are still under discussion
  - Tentative draft indicators are highlighted in italics

Principles

1. Comply with all applicable international and national laws and local regulations
2. Conserve natural habitat, local biodiversity and ecosystem function
3. Protect the health and genetic integrity of wild populations
4. Use resources in an environmentally efficient and responsible manner
5. Manage disease and parasites in an environmentally responsible manner
6. Develop and operate farms in a socially responsible manner
7. Be a good neighbor and conscientious citizen

Principle 2: Conserve natural habitat, local biodiversity and ecosystem function

Relevant impacts: benthic, nutrient loading, siting, chemical inputs

CRITERIA

2.1 Benthic biodiversity and benthic effects

2.2 Water quality in and near site of operation

2.3 Nutrient release from production

2.4 Interaction with critical or sensitive habitats and species

2.5 Interaction with wildlife including predators

2.6 Cumulative impacts on biodiversity

Discussing draft indicators

- Use small groups to capture many ideas
- Use full group discussion to share key ideas from small groups
- Day One – taking stock of what's in the document and initial reactions
- Day Two – in depth discussion by principle, compiling specific suggestions
- Detailed notes taken in all small and full group sessions

Format of small group discussion

- Groups will have a facilitator to:
  - Ensure useful and comparable information is captured
  - Clarify purpose
  - Manage discussion fairly
  - Work with note taker to summarize and document
  - Assist with concisely reporting key ideas to full group
- Diverse small groups (8 -10 people)
- Goal is to seek input and hear viewpoints, not reach agreement

Break-out session activity

Taking stock of the document and initial reactions

Step One – Read Individually

- Chose one of your highest priority issues (e.g. impact on wild salmonids, water quality, etc.)
- Spend 15 minutes reading the document to find draft indicators that address the issue
- Make two quick lists – what the document does well on that issue, and what needs improvement

Step Two – Discuss at Your Table

- Small group discusses each participant's analysis

Reporting back

- Each small group should be prepared to share with the full group:
  - The issues chosen and discussed
  - A handful of key ideas around each issue that emerged in the discussion