

Rio Tinto

Water Engagement Initiative

Participant Meeting

Meeting 2
July 16, 2019
Vanderhoof



Welcome and introductions

- Welcome
- Introductions
- Agenda review

Anticipated outcomes

- Increased understanding of current Rio Tinto operations in the Nechako region
- Discussion of process steps
- Initial compilation of the Rio Tinto Nechako region operational issues to address
- Confirmation of August field trip destination

Draft Agenda

- Review and finalize materials from last meeting
- Rio Tinto operational overview
- Discussion of key findings of the Nechako Watershed Council report
- Lunch
- Process overview: Structured Decision Making: what is it and where to from here?

Agenda review (2)

- Table discussion of key issues related to Rio Tinto Nechako operations
- Identification of quick wins
- Field trip planning
- Travel reimbursement discussion
- Next steps and September meeting date
- Adjourn

June 13, 2019 Meeting summary

- Some suggested revisions shown in track changes
- Meeting summary prepared by the Facilitation Team of Jason Collier and Rahul Ray
- Draft sent to meeting participants for review and comment
- Comments received, meeting summary revised, and posted to the website
- Are any refinements to this process needed?

Finalize Guiding Principles

- Some suggested revisions are shown in track changes
- Discuss comment from Ray

Rio Tinto Operations Overview

Watershed video

Rio Tinto Operations Overview

- Currently, three primary guiding agreements
 - 1950 Agreement and conditional water license
 - 1987 Settlement Agreement and associated flow schedule for the Nechako River
 - 1997 Agreement and associated Final Water License

Nechako Watershed Council report summary

- NWC report summary by Jayson Kurtz and Henry Klassen

Structured Decision Making:

What is it, why are we talking about it, and where do we go from here?

Structured Decision Making (SDM)

- Structured Decision Making or SDM: organized approach to identify and evaluate creative options and make choices in complex decision situations
- designed to deliver insight about how well objectives are satisfied by potential alternative courses of action
- helps find 'win-win' solutions across groups, clarifies the trade-offs that may exist between alternate potential courses of action and helps to communicate how people view these various options

SDM: Proven results

- Approach used successfully in many processes where environmental, social, and economic factors need to be integrated
- Base for BC Hydro planning processes

SDM: Foundations

- uses rigorous methods
- useful for decisions involving the integration of technical analysis with value-based deliberations
- adapted for on-ground decisions and helpful for facilitating multi-disciplinary technical planning and stakeholder involvement
- goal of an SDM process is to inform difficult choices, and to make them more transparent and efficient

SDM experience

- Jayson Kurtz was involved in 7 of those processes
- Examples from some of these processes to illustrate principles
- Examples of collaboration
- Some positive, unexpected outcomes
- Keys to success

Jayson's process involvement

- Spillimacheen
- Walter Hardman
- Whatshan
- Peace River
- Columbia River
- Duncan Dam
- Elko
- Seven Mile

SDM: Nechako

- Our process has been designed to use Structured Decision Making approaches and principles
- Diverse issues and interests represented at the Table
- Active, experienced, and knowledgeable Table
- Collaborative beginnings
- Technical Working Group support

SDM Process Overview

- **Scoping: understand Table issues and interests**
- Develop objectives
- Identify performance measures
- Create alternatives
- Make trade-offs
- Select an alternative
- Implement alternative

Structured Decision Making

- **Website:**

<http://www.structureddecisionmaking.org/>

- **Book:** Structured Decision Making: A Practical Guide to Environmental Management Choices, by R. Gregory, L. Failing et al.

- BC Hydro Water Use Plans:

https://www.bchydro.com/about/sustainability/conservation/water_use_planning.html

Structured Decision Making: Objectives

- Objectives: fundamental interests that could be affected by a decision – “the things that matter” to people
- Consists of a verb that indicates the desired direction of a change
- Start building objectives next meeting

Technical Working Group

- Inclusive advisory group
- Not parallel table to the Main Table
- Activities directed by the Main Table
- Aside from document compilation, TWG work has not begun
- Seeking interest from this Table or technical representatives

Rio Tinto WEI Community Survey: Overview

- Danielle De Kay, Rio Tinto Communities and Communications Advisor
- Survey designed to gather community information on interests and issues related to the Nechako reservoir, Nechako river, and broader region
- Posted online as well as survey cards mailed to South Side residents

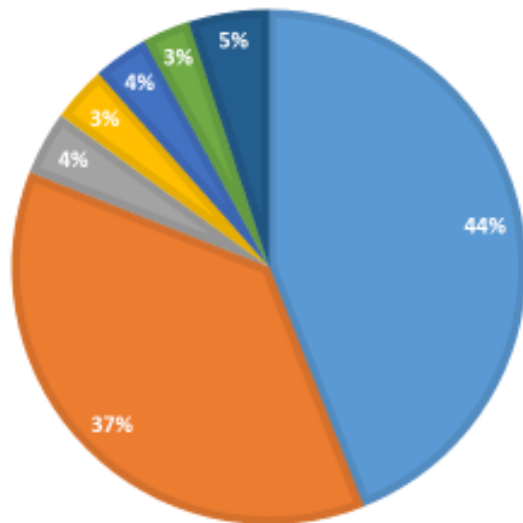
Overview (2)

- 258 responses, with survey now closed
- Results serve as a tool to better understand community interests and support the work you are doing
- Results presented here are not interpreted. They are the raw results from Survey Monkey

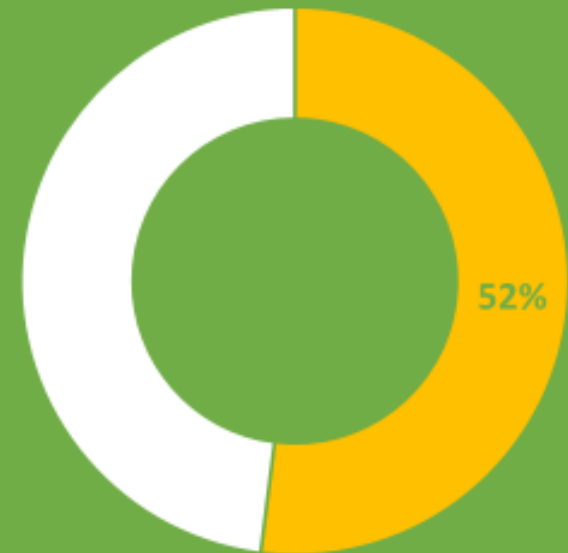
WEI Survey Results

WHAT COMMUNITY DO YOU LIVE IN?

- Prince George
- SS/Burns Lake
- Ft. Fraser
- Other
- Vanderhoof
- Smithers/Houston
- Ft. St. James



HOW AWARE ARE YOU OF RIO TINTO'S ROLE IN WATER MANAGEMENT



Average 'level of awareness' equated to 52%

**What activities do you or your family partake in on or near the
Nechako River, Reservoir, other lakes and streams?**

camping dog river Park live along floating watching
hiking hunting boating tubing fishing
birdwatch Swimming Walking
Canoeing exploring kayaking Rafting

What are your concerns about the River and/or Reservoir?

Keep clean quality affects stocks impact wildlife Low water levels temperatures

flood control wild life erosion healthy clean people habitat management

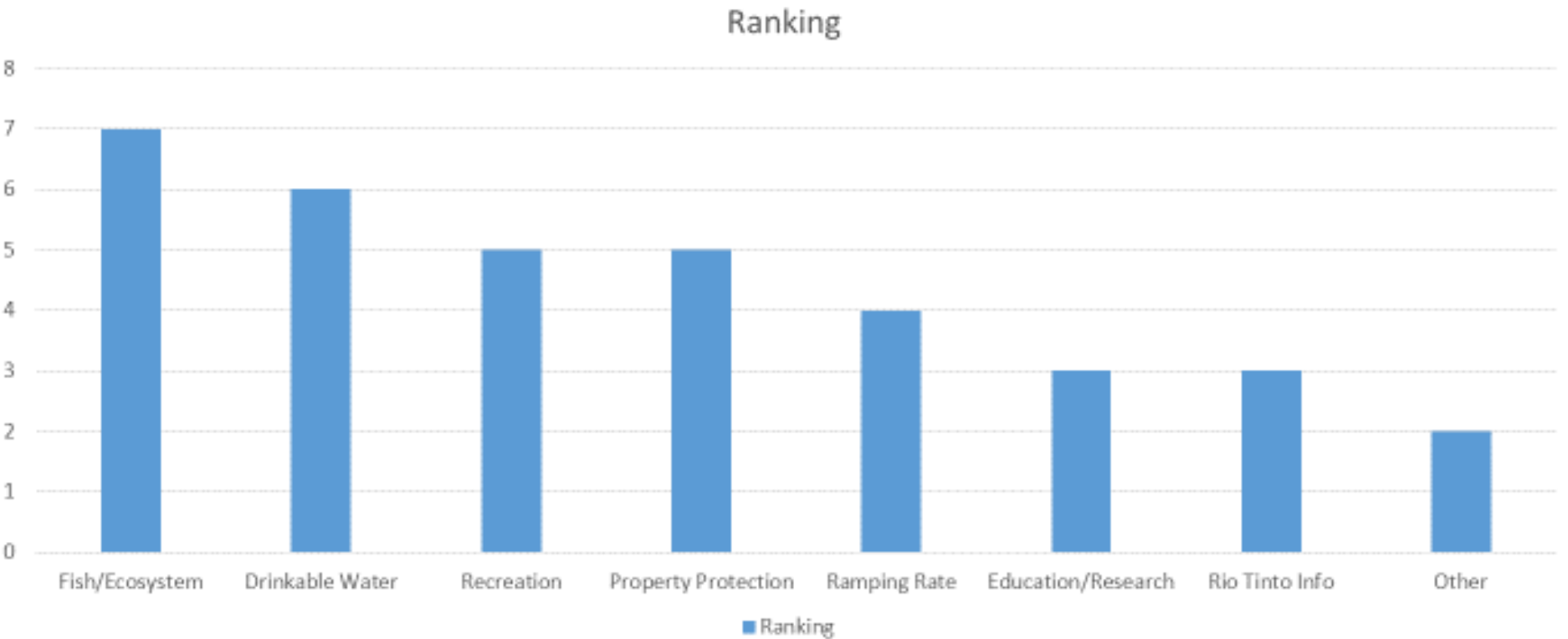
sturgeon low levels reservoir fish property flooding river Low

water Water levels high water life Pollution dam

salmon sustainable flow populations health Nechako management preservation

ecosystem Water temperatures contamination enough water live water quality

Rank the issues in order of most importance to you and/or your family



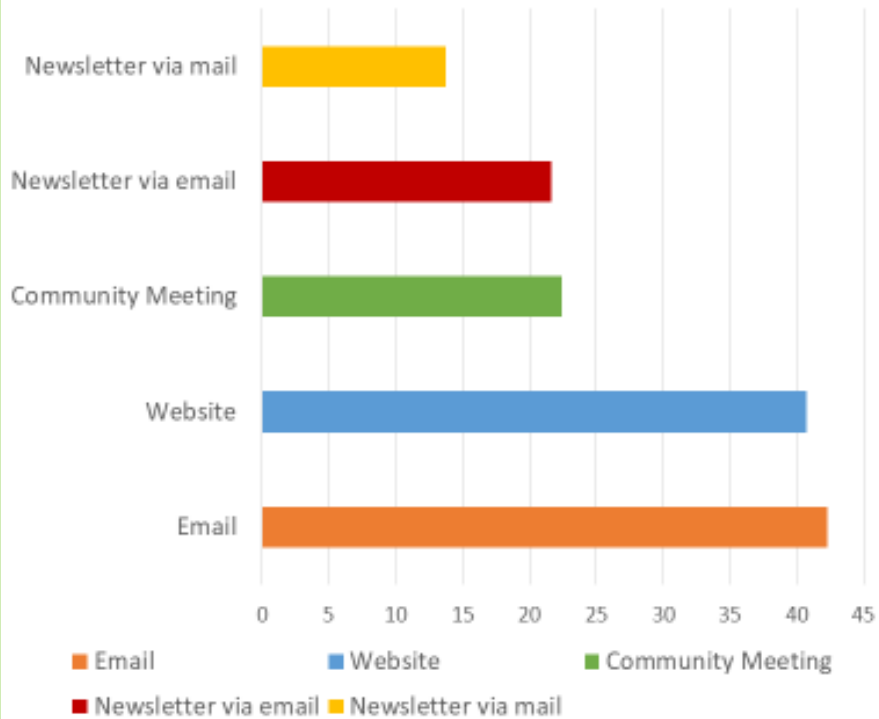
What are your hopes for a collaborative water planning process?

- government (DOV, FN) & industry collaboration
- maintaining environment and habitats
- solution to healthy water & supporting industry
- deep learning & listening to one another
- balance river life with recreational use
- active collaboration
- transparency
- nature needs over human needs
- local people making decisions
- more water in the fall
- more frequent information & dialogue
- sustainable regulation
- cold water release
- eliminate flooding
- ensuring safe drinking water
- local concerns taken seriously and implemented
- real action not just dialogue
- address bank erosion

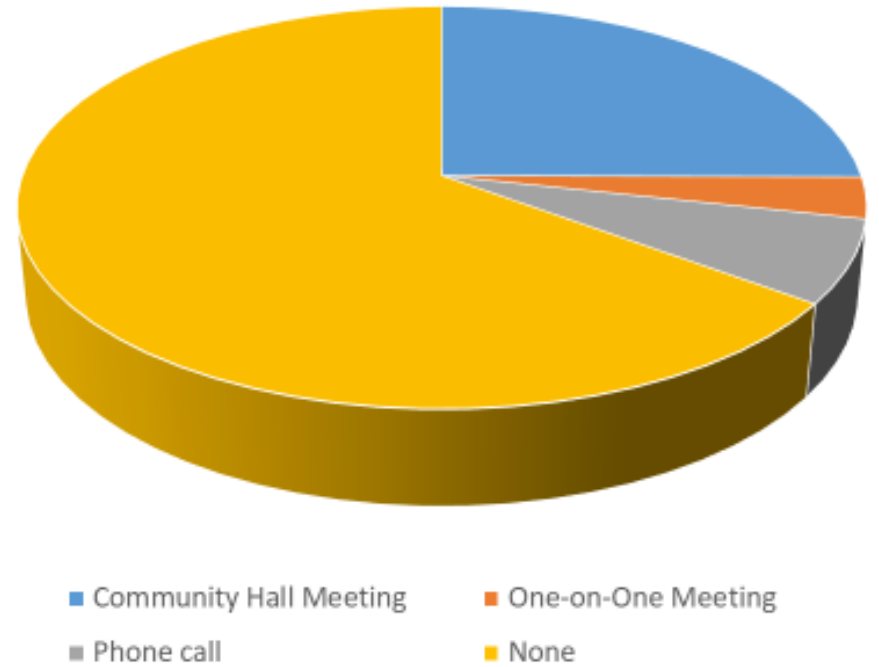
What are your hopes for a collaborative water planning process?

- interested parties given equal consideration
- concern for water license
- environmental devastation
- bring the river back to its original state
- climate change
- unsure/haven't thought about it
- community awareness
- dredge confluence of Fraser and Nechako River
- fix summer management plan to favour fish
- keep Rio Tinto accountable
- maintain steady flows
- respect for science
- re-thinking release times and volumes
- every decision made with environmental consciousness
- avoidance of extreme situations (flooding, dry river)
- return river to ideal salmon habitat
- First Nations heard and consulted

BEST MEANS OF COMMUNICATION



FOLLOW UP METHOD



Discussion of concerns and interests

- Start of Table brainstorming of key concerns related to Rio Tinto Nechako operations
 - What concerns are we trying to address?
 - What are we trying to achieve?

Quick wins

- Are there actions that Rio Tinto can undertake now?
- Identified last meeting:
 - Timely communication:
 - adjust focus of weekly reports to be more forward-looking
 - Initiate database and email list of ranchers along the Nechako

Field trip planning

- Date: Wednesday, August 21, 2019

Travel reimbursement

- Rio Tinto has committed funds to offset participation costs
- Reimbursement administered by EDI
- Jason Collier is your contact
- Simple travel claim form developed

Availability of travel funding (2)

- Reimbursement for:
 - Vehicle travel
 - Reasonable food costs
 - Reasonable accommodation
- Please complete a form today, before you leave if you can

WEI Future Meeting Dates

- Meeting 3:
 - Field Trip: Wednesday, August 21, 2019 – Details to be determined
 - Table meeting: Thursday, August 22 – Meeting location to be determined
- Meeting 4:
 - Wednesday, September 11 – Meeting location to be determined
- Meeting 5:
 - October

Thank you!

