



# Coquitlam River Watershed Roundtable

*Kwikwetlem, known as “Red fish up the river.  
A living river that reveals its spirit.*

## Coquitlam River Watershed Roundtable Core Committee Meeting Notes

Date/Time: Wednesday, September 13, 2017 9:30 am – 12:30 pm  
 Location: Port Coquitlam Fire Hall Boardroom, 1725 Broadway St, Port Coquitlam  
 Co-Chairs: Neil MacEachern / Councillor Laura Dupont  
 Contact: Roundtable Coordinator, [coordinator@coquitlamriverwatershed.ca](mailto:coordinator@coquitlamriverwatershed.ca)  
 Website: [www.coquitlamriverwatershed.ca](http://www.coquitlamriverwatershed.ca)

### Attendees: 16 Core Committee Members + 9 Guests and Observers

Sector	Organization	Name	Attendance
Local Government	City of Coquitlam (Staff)	Steffanie Warriner	Present
Local Government	City of Coquitlam (Alternate)	Margaret Birch	Present
Local Government	City of Coquitlam (Elected Representative)	Councillor Chris Wilson	Present
Local Government	City of Port Coquitlam (Staff)	Neil MacEachern	Present
Local Government	City of Port Coquitlam (Elected Rep)	Councillor Laura Dupont	Present
First Nation	Kwikwetlem First Nation	Kelsey Taylor	Present
First Nation	Kwikwetlem First Nation (Technical Advisor)	Craig Orr	Regrets
Regional Government	Metro Vancouver Water Management	Dave Dunkley	Regrets
Regional Government	Metro Vancouver Water Management (Alt)	Jesse Montgomery	Present
Provincial Government	Ministry of Energy and Mines	Jim Dunkley	Regrets
Federal Government	Fisheries and Oceans Canada	Scott Ducharme	Regrets
Utilities	BC Hydro	Karen Popoff	Regrets
Education	BCIT	Marvin Rosenau	Present
Aggregate Industry	Jack Cewe Ltd.	Kirsten Wilson	Present
Aggregate Industry	Jack Cewe Ltd. (Alternate)	Carmen Green	Present
Development	Brook Pooni Associates, UDI	Blaire Chisholm	Present
Development	Beedie Living, UDI (Alternate)	David Roppel	Regrets
Arts and Culture	Arts Connect	Sherry Carroll	Present
Arts and Culture	Arts Connect (Alternate)	Manfred Kraus	Regrets
Stewardship	Tri-City Green Council	Elaine Willis	Present
Stewardship	PoCo & District Hunting and Fishing Club	Norm Fletcher	Present
Stewardship	North Fraser Salmon Assistance Program	Tony Matahlija	Regrets
Coordinator	Coquitlam River Watershed Roundtable	Melissa Dick	Present
Financial Trustee	Watershed Watch Salmon Society	Trish Hall	Present

### Guests and Observers:

Role	Group/Organization	Name
Guest Speaker	Pearson Ecological	Mike Pearson
Guest Speaker	Lafarge Canada Inc.	Stephanie Voysey
Observer	Lafarge Canada Inc.	Chen Mei
Observer	ARTicipation / Generation Maintenance	John Lewis
Observer	ARTicipation / Generation Maintenance	Florencia Cristoffanni
Observer	Rivershed Society of BC	Melissa Chaun
Observer	Vancity Shaughnessy Station Community Branch	Susan Devlin
Observer	Vancity Shaughnessy Station Community Branch	Nicholas Furman
Observer	Allard Contractors Ltd.	Jim Allard

**Table 1. Summary of Actions from Core Committee meeting on September 13, 2017**

#	Action	Action By	Deadline
1.	Share the PowerPoint slides from the presentation by Pearson Ecological to the Core Committee as well as information about the upcoming workshops	Melissa Dick	September 27, 2017
2.	Share the slides from the presentations by Lafarge Canada Inc. to the Core Committee	Melissa Dick	September 27, 2017
3.	Look into sharing with Mike Pearson data collected by the multi-year Coquitlam River water quality monitoring program	Steffanie Warriner	October 20, 2017
4.	Plan a meeting between members of the Roundtable and developers working in the watershed as part of the <i>Feasibility and Incentives Study</i>	Development Project Team	Fall 2017
5.	Form a Water Extraction Project Team and launch the project	To be confirmed	Fall 2017
6.	Prepare a contribution agreement between the CRWR and KFN to support involvement in the BC Freshwater Legacy Initiative projects	Kelsey Taylor, Craig Orr, Trish Hall	October 20, 2017
7.	Follow up on direct granting opportunity with Vancity Community Partnership Program	New Coordinator, Margaret Birch	October 31, 2017
8.	Follow up on granting opportunity with FWCP's Coquitlam River Watershed Action Plan	New Coordinator, Craig Orr	October 31, 2017
9.	Finalize "Sustainable Funding Options" backgrounder document and upload to website	Resilience and Capacity Building Sub-Committee	October 31, 2017
10.	Launch technical feasibility study	Resilience and Capacity Building Sub-Committee	October 31, 2017
11.	Conduct research with Metro Vancouver as to the appropriate avenue to request sustainable funding	Resilience and Capacity Building Sub-Committee, Jesse Montgomery	December 30, 2017
12.	Prepare Year 1 reports for partners and funders.	New Coordinator, Margaret Birch, Trish Hall	October 31, 2017
13.	Follow up on conversation with POLIS about the Stepping Stones self-assessment workshop	Melissa Dick, Laura Dupont, New Coordinator	October 20, 2017
14.	Circulate the "River Walks" video amongst our network	Communications Sub-Committee	October 31, 2017
15.	Launch recruitment process and hire new Coordinator	Hiring Committee	October 20, 2017

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Next Core Committee meeting (**tentative**):

- Date: Wednesday, November 15, 2017
- Time: 9:30 AM to 12:30 PM
- Location: TBD
- Chair/Co-Chair: TBD

**Table 2. Status on Actions from previous Core Committee meetings**

#	Action	Action By	Deadline
1.	Make the PowerPoint presentations from the Community Roundtable meeting available on our website	Melissa Dick	<b>COMPLETE</b>
2a.	Host a Capacity and Resilience Building Sub-Committee meeting to review the updated CRWR Business Proposal	Melissa Dick, Margaret Birch, Trish Hall, Chris Wilson	<b>COMPLETE</b>
2b.	Develop a communications strategy for sustainable funding	Resilience and Capacity Building Sub-Committee, Communications Sub-Committee	Fall 2017
3.	Generate work plan for the BC Freshwater Legacy Initiative projects to guide this work over the next year	Melissa Dick, new Coordinator	October 2017
4.	Share funding announcements in the July 2017 eNews	Melissa Dick	<b>COMPLETE</b>
5.	Share the website link to the Phase 3 report with Kwikwetlem First Nation	Melissa Dick	<b>COMPLETE</b>
6.	As a member of City of Coquitlam Public Advisory Group, prepare a submission with respect to the NBV Phase 3 report for the CRWR and share comments with Core Committee members over email	Melissa Dick	<b>COMPLETE</b>
7.	Reach out to volunteers to help with upcoming summer events	Melissa Dick	<b>COMPLETE</b>
8.	Coordinate presentations to appear as delegations before Coquitlam and Port Coquitlam City Councils, Kwikwetlem First Nation, and Metro Vancouver to communicate our request coming from the CRWR Business Proposal	Resilience and Capacity Building Sub-Committee, new Coordinator	Fall/Winter 2017
9.	Confirm logistics for a sponsored CRWR-specific art piece by ARTicipation and theme for the piece	Communications Sub-Committee	Fall 2017
10.	Discussion about sector representation and succession on the Core Committee <ul style="list-style-type: none"> <li>• Process for public sectors (Recreation, Education, Stewardship, Arts and Cultus)</li> <li>• Alternate for the Utilities sector from a pipeline/gas/oil company</li> </ul>	ALL	Fall/Winter 2017
11.	Invite Bruce Irvine to provide an update on the Riverview Planning Process at a future 2017 meeting	Margaret Birch	<b>ONGOING:</b> To add to future Core Committee meeting agenda.
12.	Establish a Habitat Restoration Subcommittee	Tony Matahlija, Scott Ducharme, Norm Fletcher, Marvin Rosenau	<b>ON HOLD:</b> Pending support for habitat restoration projects.

13.	Invite representatives from Lafarge to give a presentation on reclamation project	Melissa Dick, Margaret Birch	<b>COMPLETE</b>
14.	Discuss the impacts of the construction of new Coquitlam River intake pipe, located at the Archery Ponds, Upper Coquitlam River Park, on the Chum spawning habitat at a future meeting	Tony Matahija	<b>ON HOLD:</b> To add to future Core Committee meeting agenda.
15.	Look into preparing a letter on behalf of the CRWR describing the issue of monitoring and maintenance of habitat projects with support from mayors, First Nations chiefs, and other key people	Tony Matahija, Norm Fletcher, Scott Ducharme	Actions initiated by DFO, North Fraser Salmon Assistant Program to apply for funding for this work.

## Meeting Notes

### 9:30 – 9:45am      **Agenda Review and Roundtable Introductions**

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- Introduction of members and observers
- Coordinator announcement
  - This will be Melissa Dick's last Core Committee meeting as the Roundtable Coordinator. She is moving back east to pursue opportunities in Toronto with her partner. Members of the Core Committee shared their good wishes and Melissa thanked them for the opportunity to work with the Roundtable for the past year. Melissa will be assisting with the training and transition of the new Coordinator in the coming weeks.
- Outstanding items from previous CC meetings
  - Items from Table 2 were reviewed. Deadlines for a few items were adjusted to reflect summer work and current priorities. There were no items requiring specific discussion.

### 9:45 – 10:05 am      **Guest Presentation**

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- Mike Pearson (Pearson Ecological): *Monitoring Project on Coquitlam River*
  - Mike is a project manager with Pearson Ecological. He explained that he has been involved in projects in the Coquitlam River Watershed in the past, such as Colony Farm. He spoke about a new project he is leading which is aiming to monitor the effectiveness of habitat projects in the Coquitlam River. He mentioned that he has already been in contact with Tony Matahlija from the NFSAP and Marvin Rosenau from BCIT to discuss details of the Coquitlam project.
  - He invited members of the CC to share information with their networks about the opportunity to participate in an upcoming 2-day workshop, taking place in the Coquitlam River watershed on September 21-22 to provide standard stream keepers training. He also mentioned an upcoming 1-day workshop on October 6 to develop a local monitoring plan.
  - Questions and discussion following Mike's presentation:
    - Q: It is not clear who is responsible for maintaining habitat creation/enhancement sites over the long term. It is hard to deal with sites that have become overgrown and have not been maintained, especially when those involved have since retired. Who is expected to take care of these sites 30 years down the line?  
A: Long-term plans are unfortunately not thought through when a habitat project occurs. It often falls to the landowners (i.e. Metro Vancouver, municipalities). Some infrastructure requires long-term maintenance, but it is preferred to design projects that do not involve significant maintenance (i.e. avoid using pipes, pumps and instead use materials that can be naturally designed into the system). Monitoring will help pinpoint where specific problems may lie but cannot solve the problem or find solutions as to who is responsible to maintain these sites over the long term.
    - Q: Will the project be considering historical water quality data that has already been collected?  
A: The project is not looking at the watershed as a whole, but rather places different sites within a watershed context. The project will specifically be looking at the Oxbow site. If there is existing data from this site Mike would be interested to incorporate it.
    - Q: How does one measure habitat complexity?  
A: Different measures of aquatic habitat and complexity help inform habitat complexity, which is important to provide places for fish to hide, for example.

- Q: From a local governance perspective, what recommendations can be offered to highlight the importance of monitoring of river projects?  
A: Having a monitoring plan is key. It is important to have data on what is being lost because if you don't have that information, you can't determine the net loss when maintenance of these sites falls to the wayside. Mike offered to provide an overview of his work to city Councillors and staff if there is interest.
- Comment: This is a great opportunity for students from BCIT to partner with Pearson Ecological and conduct some fieldwork in the Coquitlam River. This is also a good opportunity to get a sense of what resources are needed for long term monitoring (i.e. budget, materials, technical support at the sites).
- Comment: When designing a monitoring plan, it is recommended to plan for 6 years but to stretch it over 10 years and allow for different monitoring periods with gaps in between.

#### ACTIONS

- Melissa Dick to share the PowerPoint slides with members of the CC alongside the meeting minutes as well as information about the upcoming workshops.
  - Link to slides:  
<http://www.coquitlamriverwatershed.ca/sites/default/files/2017%20Monitoring%20Coquitlam%20Roundtable%202.pdf>
- Steffanie Warriner to look into sharing with Mike Pearson data collected by the multi-year Coquitlam River water quality monitoring program.

#### 10:05 – 10:25 am Guest Presentation

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- Stephanie Voysey (Lafarge Canada Inc.): *Coquitlam Sand and Gravel Reclamation activities*
  - Stephanie is the Environment and Public Affairs Manager, BC, with Lafarge Canada Inc. Chen Mei is VP of Aggregates with Lafarge Canada Inc. and is also at the meeting as an observer.
  - Stephanie provided an overview of the Coquitlam Sand and Gravel reclamation site and shared 2 videos. The 2 priorities in reclaiming this site are surface water management and slope stability. Lafarge is working with Golder Associates on the Mantle Creek alignment project, which has a timeline ending in 2018/2019. A main concern associated with the creek alignment project was deleterious discharge entering the river during construction. The construction of the realignment channel involved the additional of granular filters, riprap and grout on steeper sloping sections. Wildlife such as deer and bear are returning to the site. The plan is to return the land back to the crown by 2021.
  - Questions and discussion following Mike's presentation:
    - Q: What steps have been taken to involve Kwikwetlem First Nation in this work?  
A: Lafarge regrets not having involved KFN from the onset. It is a long project and there is still work to do and the opportunity for involvement. *NOTE:* It was recommended that Lafarge provide early notification to KFN when input is sought.
    - Q: What kinds of environmental monitoring occurred during the construction and afterward? It is important to make sure that the discharge from the creeks remains clean and that invasive plant species such as Japanese knotweed do not take over.  
A: There are technicians currently working on the site who are keeping an eye out for these types of environmental concerns.
  - The CC invited Lafarge Canada Inc. to provide an update on an annual basis and to maintain good communications about the reclamation site.

#### ACTIONS

- Melissa Dick to share the PowerPoint slides with members of the CC alongside the meeting minutes.

- Link to slides: <http://www.coquitlamriverwatershed.ca/sites/default/files/CRWRt%20CSG%20Presentation%202017.pdf>
- Link to BCSSGA video: <https://www.youtube.com/watch?v=GruokYe5du8>
- Link to Lafarge Sand & Gravel Coquitlam Reclamation video: <https://youtu.be/zpbshoIVu9c>

10:25 – 10:45 am **Break**

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10:45 – 11:15 am **Updates: Sub-Committees and Funding Opportunities**

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- Capacity and Resilience Building Sub-Committee
  - REFBC Year 1 interim report: The Year 1 interim report was submitted to the REFBC on August 31, 2017. It was a great opportunity to reflect on the activities and work accomplished in the past year and to plan for future activities.
  - Updating the Business Proposal / Backgrounder document: See notes from *Review the “Sustainable Funding Options” draft document* agenda item.
- Development Project Team
  - Members of this team include:
 

<ul style="list-style-type: none"> <li>○ Blaire Chisholm (UDI/Brook Pooni Associates)</li> <li>○ Craig Orr (Kwkwetlem First Nation)</li> </ul>	<ul style="list-style-type: none"> <li>○ Margaret Birch (City of Coquitlam)</li> <li>○ Deborah Curran (University of Victoria)</li> <li>○ Roundtable Coordinator</li> </ul>
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  - This team was formed to guide activities related to the project supported by the BC Freshwater Legacy Initiative. Two 1-hour calls took place amongst the team members over the summer months to discuss the scope of a meeting with Developers to discuss best practices that will lead to improved watershed health. There is interest to engage Wesbild given their status and influence as a key developer in the watershed. A portion of the budget is dedicated to support First Nations involvement in discussions pertaining to decision-making in the watershed, so the team will be working closely with representatives from KFN to prepare a contribution agreement to engage them in this work. An initial workshop with developers is planned to take place in fall 2017. A 2nd Year Environmental Law student from the Environmental Law Centre at the University of Victoria may provide in-kind support through research.
  - The second portion of this project aims to address the pressure of water extraction in the watershed. A Water Extraction Project Team will be formed in fall 2017 to launch the project.
- Future grant funding opportunities
  - Vancity Community Partnership Program: On August 1, 2017, representatives from the CRWR met with Vancity’s grant funding manager who encouraged the group to apply for the Community Partnership program. Vancity is particularly interested in supporting the CRWR’s = invasive species approaches, as well as Water extraction. Vancity strives to measure behavioural changes; however capturing these metrics is a challenge. Larger grants are up to \$10,000/year, and are open to multiple years as long as the nature of the work is novel each year.
  - FWCP’s Coquitlam River Watershed Action Plan: On August 21, 2017, representatives from the CRWR met with Julie Fournier of the FWCP to discuss funding opportunities in the recently updated FWCP Coquitlam River Watershed Action Plan. FWCP is looking to do more



direct granting to groups. One potential project to pursue alongside the CRWR is a Habitat Map, which is a current ongoing project, showing fish habitat enhancement projects (past, present, future). FWCP's general application intake deadline is end of October. Some members of the CC are applying for funds to advance fish habitat and enhancement and sockeye research projects in the watershed.

#### ACTIONS

- An initial workshop with developers is planned to take place in fall 2017.
- A Water Extraction Project Team will be formed in fall 2017 to launch the project.
- Prepare a contribution agreement between the CRWR and KFN to support involvement in the BC Freshwater Legacy Initiative projects.
- Follow up on granting opportunity with Vancity Community Partnership Program.
- Follow up on granting opportunity with FWCP's Coquitlam River Watershed Action Plan.

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#### 11:15 – 11:35 am    **Review the “Sustainable Funding Options” draft document**

- The Capacity and Resilience Building Sub-Committee met on August 1, 2017, to review the Business Proposal / Backgrounder document. At this meeting, it was determined that the document was more of a backgrounder and did not have the technical research to be considered a business proposal. It was decided to take more time to lay all the appropriate groundwork prior to offering specific recommendations to Council and to the public. It was emphasized that it is critical to set up the request for sustainable funding to be proposed in a way that will make it easily accepted and not make it confrontational. The version shared with the Core Committee was a DRAFT version that was shared with the REFBC as a Year 1 deliverable. Next steps involve finalizing the “Sustainable Funding Options” backgrounder document and launching a technical feasibility study. The final “Sustainable Funding Options” will be made available on the CRWR website.
- Timeline: A question was asked about the timing to request individual funders for contributions into the sustainable funding model (i.e. Metro Vancouver and BC Hydro). It was suggested that these requests would happen throughout 2018 in conjunction with the future technical research and presentations to Councils and the public. By Fall 2018 the CRWR should have a good understanding of its status in securing sustainable funding. There was a discussion as to whether a formal request for funding from Metro Vancouver had to occur or if there was another approach. Jesse Montgomery offered to look into what mechanism the CRWR can pursue once the time comes, seeing as it would likely not be a run-of-the-mill request. For example, in the past, the CRWR offered a presentation to the Environmental Sub Committee of Metro Vancouver and was historically supported with \$20,000/year. Traditionally, these funding requests went through the Regional District but this may be a more directed request to the Water Board. The final recommendations for a sustainable funding model will be presented to Councils in 2018. It was mentioned that 2018 is a municipal election year, so this transition period could be used as an opportunity. The ultimate timeline for this work aligns with our REFBC funding, which wraps up in 2019.
- Cost allocation: There were some concerns about the vision for shared contributions from the Cities of Coquitlam and Port Coquitlam in the draft preliminary sustainable funding model. It was recommended to use the word “proportional” when exploring cost allocations from both cities. There were also questions about the role of key stakeholders such as BC Hydro as funding contributors. Some work needs to be done to fine-tune the cost allocation, which will occur through a technical feasibility study.

#### ACTIONS

- Finalize “Sustainable Funding Options” backgrounder document and upload to website.
- Launch technical feasibility study.
- Conduct research with Metro Vancouver about the appropriate avenue to request sustainable funding.

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#### 11:35 – 12:00 pm **Future work**

- Reporting out to Year 1 funders: Similar to the Year 1 report submitted to the REFBC at the end of August, there is interest in generating a funding report for the CRWR’s partners and funders to highlight activities from the past year and what their money helped support.
- Workshop with POLIS re: Stepping Stones framework and long-range planning: Melissa Dick was approached by POLIS researchers about the preparation of a Stepping Stones framework self-assessment workshop and how this activity may be beneficial to the CRWR. The guide is still being developed but this would be a great opportunity for the CRWR to reflect on its current status as an entity influencing watershed governance and to develop some long-range planning and strategizing. Cllr Laura Dupont offered to be the point person in contact with POLIS to move this work forward during the Coordinator transition.

#### ACTIONS

- Prepare Year 1 reports for partners and funders.
- Follow up on conversation with POLIS about the Stepping Stones self-assessment workshop.

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#### 12:00 – 12:15 pm **Community events**

- Saturday, August 26: Guided River Walks in conjunction with City of Port Coquitlam’s Canada 150 Celebration
  - This was a great event. The Port Coquitlam Community Foundation and Vancity generously supported CRWR activities. A videographer was hired to produce a short video showcasing the days’ activities: <https://www.youtube.com/watch?v=VZFcyObXteg>. The video was submitted to the BC Invasives Council Short Video contest and is being circulated to collect votes.
- Saturday, September 16: Vancity Shred-a-thon
- Sunday, October 22: Salmon Come Home

#### ACTIONS

- Circulate the “River Walks” video amongst our network.

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#### 12:15 – 12:30 pm **Other items, news, business**

- KFN is hosting an event on Wednesday, September 20, 2017, to discuss the concepts and plans of IR2. The meeting is an Open House format and will be from 6:00 – 8:00 pm at the Gathering Place in Port Coquitlam. The event will include a panel and Q&A.
- On Thursday, September 21, 2017, at 6:30 pm the documentary “Salmon Wars” is being featured at Maple Ridge City Hall. The film is about resistance to salmon farms in Nova Scotia.

- Sherry Carroll is currently organizing an art show at Port Coquitlam City Hall. The subject of the exhibition is River's Day and Riverview. Sherry is accepting poetry submissions about Riverview until September 30. The poems should be ~1 page long. The best poem will win a photograph by Manfred Kraus.
- The Kwikwetlem Salmon Restoration Program was hoping to take eggs from the kokanee stock in reservoir but this won't happen. The successful release of ~5000 sockeye smolts in the river in Spring 2017 will result in adults returning in 2019, at which time it is planned to take eggs from DNA confirmed adult sockeye females. If not enough male sockeye return, it is proposed to back up biodiversity using mature adult male kokanee from the reservoir. These smolts would be raised in a special sockeye facility. Funding applications to support work related to these uncertainties will be submitted to the FWCP. The overall objective is to get enough sockeye to reestablish a sockeye run in the Coquitlam River.
- Selection and Interview committees to hire a new coordinator will be brought together in the coming weeks. Volunteers for the hiring process included Carmen, Chris, Neil, and Elaine. It was noted that the job posting should be circulated more widely and that it may be beneficial to share it with UBC planning students, as well as networks at BCIT and Douglas College.
- It was mentioned that the *Society's Act* is undergoing changes and the transition period ends in 2018, so that any group that falls under this legislation should review the changes as they may influence some administrative activities.

#### ACTIONS

- A hiring committee will be brought together in the coming weeks to support the hiring of a new coordinator.

12:30 pm

**Adjourn**

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Documents distributed for reference at the meeting:

- i. Meeting agenda (available [online](#))
- ii. Action Items tables from past CC meetings
- iii. “Sustainable Funding Options: Recommendations for the Coquitlam River Watershed Roundtable” draft document
- iv. “Stepping Stones” figure
- v. Canada 150 Celebration River walk video: <https://www.youtube.com/watch?v=VZFcYObXteg>

If you wish to access these documents, please contact the Roundtable Coordinator at [coordinator@coquitlamriverwatershed.ca](mailto:coordinator@coquitlamriverwatershed.ca)