



## Coquitlam River Watershed Roundtable

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

### Planning for our Future: Watershed Health and Challenges

#### Coquitlam River Watershed Roundtable

**June 6, 2013    City Hall, Coquitlam    Summary Notes**

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**Date**            Thursday, June 6, 2013

**Time**            5:30-8:30 pm

**Location**       Coquitlam City Hall (Lobby and Council Chambers), 3000 Guildford Way, Coquitlam

#### **Objectives**

- Learn how we are applying the Open Standards for the Practice of Conservation to develop the Lower Coquitlam Watershed Plan by Seattle-based expert Abby Hook
- Confirm key values (components & attributes), goals, and measures (indicators) for the watershed plan
- Help fill gaps to complete the watershed health assessment
- Identify key challenges

#### **Agenda**

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4:00 pm	Presentation to Councillors
5:00 pm	Doors open, registration and networking, light supper to be provided. View watershed plan maps and displays.
5:45-6:00 pm	Welcome, opening remarks
6:00-6:45 pm	Presentation: Abby Hook and Krista Englund – "Watershed Health Assessment"
6:45-7:30 pm	Tour 3 of 5 Watershed Components Stations (15 min each)
7:30-7:45 pm	Presentation: Abby Hook – "Identifying Pressures in the Watershed"
7:45-8:00 pm	Feedback session: identifying pressures
8:00-8:15 pm	Final remarks and prize draw
8:30 pm	Closing

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# 1. Presentation to Councillors

*Presentation by Abby Hook and Krista Englund – “Watershed Health Assessment”*

Councillors present: Bill Susak (City of Coquitlam), Selina Robinson (MLA, Coquitlam-Maillardville), Brent Asmundson (City of Coquitlam), and Terry O’Neil (City of Coquitlam).

Abby Hook (consultant) presented an overview of the basic principles and fundamentals of the “Open Standards for the Practice of Conservation” framework. Hook also discussed next steps for the watershed plan as per the Open Standards framework which includes ranking “pressures” in the watershed.

Questions raised by Councillors

1. Are there distinctions between perceived and real pressures?

Response: Yes, qualitative or quantitative indicators are chosen which describe changes in pressures. Indicators will allow you to track changes in pressures over time.

2. Does the Open Standards framework account for measures that are already in place to deal with pressures to the watershed?

Response: Yes, current status of measures already in place to deal with pressures in the watershed is acknowledged within the framework.

3. How does the Open Standards framework define “healthy”?

Response: To define “healthy”, components are broken into building blocks called “attributes”. For each attribute, measurable quantitative or qualitative “indicators” are developed, in order to achieve desired goals. Goals are defined by watershed management plan team. “Bins” are then created to determine current and desired status for each attribute. If attributes are in desired status, then the component is defined as healthy, for the purpose of the watershed management plan.

Krista Englund (Coquitlam River Watershed Roundtable coordinator) then presented to Councillors the progress of the draft Lower Coquitlam River watershed plan since the November, 2012 Roundtable event and discussed next steps for the Roundtable.

#### Feedback and Discussion with Councillors

1. Should Ecological and Human Well-Being components be divided into two separate categories? What is the purpose of this?
2. Where do humans sit in this process? Concern that it is entirely human centered and focused on our needs solely.

## **2. Welcome and Opening Remarks**

*Margaret Birch (City of Coquitlam and Core Committee member) - Welcoming remarks*

Birch welcomed all attendees to the Roundtable event and thanked everyone for their participation in the watershed planning process.

*Councillor Ed Hall (Kwkwetlem First Nation) – Opening remarks*

Hall addressed the importance in protecting the Coquitlam River watershed. Hall also acknowledged and congratulated the work done so far by the Coquitlam River Watershed Roundtable.

A cheque was then presented to the City of Coquitlam from George Turi, Carsten Mide, and Carmen Green of Jack Cewe Ltd. to support the ongoing efforts of the Coquitlam River Watershed Roundtable.

## **3. Presentation: Abby Hook and Krista Englund – “Watershed Health Assessment”**

Abby Hook (consultant) presented an overview of the basic principles and fundamentals of the “Open Standards for the Practice of Conservation” framework.

Krista Englund (Coquitlam River Watershed Roundtable coordinator) then presented the progress and current status of the draft Lower Coquitlam River watershed plan since the November, 2012 Roundtable event.

Englund then discussed how the Roundtable is currently inviting written feedback on draft goals, components, attributes, and indicators of the draft watershed plan. Englund discussed the process for participants to provide feedback by touring 3 of 5 of the Watershed Component Tour Stations.

## **4. Tour Watershed Components Stations**

Participants toured 3 of 5 watershed component stations. Approximately fifteen minutes was allocated for each station. A brief overview of the goals, components, attributes, and indicators for each station was given to participants from a Roundtable Task Group Member. Participants were then given time to provide written feedback on each station that they toured.

A map of the Watershed Component Stations is appended.

## **5. Presentation: Abby Hook – “Identifying Pressures in the Watershed”**

Abby Hook presented next steps in the Open Standards framework process, which is identifying pressures that exist within the watershed.

Pressures will be identified and ranked for each component in the draft watershed plan. Hook illustrated how ranking pressures within the watershed will help prioritize efforts and funds in addressing pressures which have the largest impact on the watershed.

Hook also presented the basis of conceptual modeling of pressures within the watershed as per the Open Standards framework. Hook explained how conceptual modeling of pressures will assist in tracking the progress and health of each component within the watershed plan. Hook demonstrated the basis of conceptual modeling of pressures from an example taken from the Port Susan watershed management plan in Puget Sound.

## **6. Feedback Session: Identifying Pressures**

Consultants Abby Hook and Michelle Wainstein, led an exercise with attendees to identify pressures that exist within the Lower Coquitlam Watershed. Hook stressed the importance of defining pressures and the component(s) which the pressure impacts, as well as associated stressors and root causes of the pressure.

Below is a table of results from the feedback session with attendees.

**Table 1.** Results from feedback session for identifying pressures in the Lower Coquitlam watershed.

<b>Component</b>	<b>Pressure</b>	<b>Associated Stresses</b>	<b>Root Causes</b>
Coquitlam River System	Unsustainable development	Loss of vegetation	1. Lack of a watershed plan <b>(Technical)</b> 2. Growth management pressures at the regional level <b>(Driver)</b> 3. Unsustainable processes: mindset of people, lifestyle choices <b>(Social)</b>
Livable Communities	Storm water		1. Lack of education/awareness <b>(Social)</b> 2. Economic/political pressures 3. Legacy regulations 4. Varying standards (re: density) 5. Limitations to measuring/monitoring <b>(Technical)</b>

Participants were then given time to complete the general feedback form and the identifying pressures feedback form.

## 7. Final Remarks and Prize Draw

Krista Englund thanked all attendees for the extensive amount of feedback they provided throughout the evening and invited Roundtable members to share notice of upcoming events, etc.

Participants were encouraged to log onto PlaceSpeak and take the Ecosystems and Wellbeing Survey developed by Watershed Watch Salmon Society.

Participants were notified of plans for a River’s Day celebration at Lion’s Park on September 29, 2013.

A prize draw was held to close the evening.

## 8. List of Attendees

Total number of attendees was 61. Names, organization, and interest type of each attendant is listed below.

#	Name		Organization	Interest Type
1	Asmundson	Brent	Councilor, City of Coquitlam, Local Government	
2	Baggott	Dylan	SNAP Coquitlam (photographer)	
3	Baker	Tamsin	South Coast Conservation Program	Stewardship, NGO
4	Basa	Virgilio		Watershed Resident
5	Birch	Margaret	City of Coquitlam (Core Committee)	Local Government
6	Boivin	Janis	City of Coquitlam	Outdoor Recreation, Stewardship, Watershed Resident, Education, Local Government, Fishing and Hunting
7	Brown	Steve	City of Port Coquitlam (Core Committee)	Local Government
8	Bwambale	David	Intercom Security	Regional Government, Outdoor Recreation, NGO
9	Campbell	Crystal	Kerr Wood Leidal Associates Ltd.	
10	Carroll	Sherry	Core Committee	Arts/Culture, Local Government, Watershed Resident
11	Chisholm	Blaire	Brook Pooni Associates (Core Committee)	Real Estate Development
12	Coulter-Boisvert	Maurice	Fisheries and Oceans Canada (Core Comm.)	Federal Government
13	Cristoffanini	Florencia		Outdoor recreation, Watershed Resident, Student, Arts/Culture
14	Ducharme	Scott		Watershed Resident
15	Dunkley	David	Metro Vancouver (Core Committee)	Regional Government
16	Englund	Krista		Watershed Resident, NGO
17	Evely	Alison	Metro Vancouver	Regional Government
18	Fielding	Gillian	Simon Fraser University	Education, Student
19	Foster	Ruth	Burrard Inlet Marine Enhancement Society	Education, Stewardship
20	Fresco	Theresa	Fraser Basin Council	NGO

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21	Green	Carmen	Jack Cewe Ltd	Aggregate Industry
22	Hall	Trisha	Watershed Watch Salmon Society	Stewardship, NGO
23	Hall	Ed	Kwikwetlem First Nation, Councillor	First Nations
24	Hook	Abby	Hook Knauer Consulting	
25	Isac	Joan		First Nation, Regional Government, Utility
26	Jarema	Susan	New Earth Marketing	
27	Kelsey	Cliff		Watershed Resident
28	Keshvani	Kurban	Environmental Advisory Committee for City of Coquitlam	Watershed Resident, Consultant
29	Knight	Devon	Devon Knight Events	Consultant
30	Kozlowski	Ron	City of Coquitlam	Local Government
31	Le Monnier	Sandy	Maple Creek Streamkeepers Society	NGO, Outdoor Recreation, Stewardship, Education
32	Lessoway	Dale	Kwikwetlem First Nation (Core Committee)	First Nations
33	Lewis	Gordon	Generation Maintenance (Core Committee)	
34	Lewis	John	Generation Maintenance	
35	Lilley	Patrick	Echo Blue Environmental	NGO
36	Loubert	Roger	Arts Connect	NGO, Arts/Culture, Student, Education, Watershed Resident, Recreation
37	Lowcock	Ashley	UBC	Student
38	Macnair	Jason	BC Hydro (contractor, biologist)	
39	Makkiya	Shams		
40	McArthur	Ian	Coquitlam RiverWatch	NGO, Outdoor Recreation, Stewardship, Education, Arts/Culture
41	Mide	Carsten	Jack Cewe Ltd	
42	Mivehchi	Mahmoudreza		Watershed Resident
43	Nelson	Isaac		Fishing/Hunting, Watershed Resident, Stewardship
44	O'Neil	Terry	Councilor, City of Coquitlam, Local Government	
45	Orr	Craig	Watershed Watch (Core Committee)	NGO
46	Overland	Anders		Watershed Resident, Outdoor Recreation

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47	Peterson	Dave	Devon Knight Events	
48	Pica	Anthony		Student
49	Razzaghi	Banafsheh		Watershed Resident
50	Razzaghi Khamsi	Abdolvahed	Consulting Engineers	Watershed Resident
51	Robinson	Selina	MLA, Coquitlam- Maillardville	
52	Rudd	Jeff		Watershed Resident, Stewardship, Outdoor Recreation
53	Sirucek	Michal	Generation Maintenance	Fishing/Hunting, Outdoor Recreation
54	Sundher	Avtar S.	BC Ministry of Environment	Provincial Government
55	Susak	Bill	City of Coquitlam	
56	Taylor-Gibbs	Leigh		Arts/Culture, Education, Stewardship, Outdoor Recreation
57	Turi	George	Jack Cewe Ltd. (Core Committee)	Aggregate Industry
58	Wainstein	Michelle	Hook Knauer Consulting	Consultant
59	Warriner	Steffanie	City of Coquitlam (Core Committee)	Local Government
60	Willis	Elaine	Core Committee	NGO, Stewardship
61	Zevit	Pamela	South Coast Conservation Program	Provincial Government, Stewardship, NGO



# Watershed Component Tour Stations

1. Choose three of five stations to visit
2. Visit each station for 15 minutes
3. Receive an overview of the components, attributes and indicators from a Task Group member
4. Provide written feedback on components, attributes and indicators on a form provided at the station
5. At each station, enter your name in the prize draw for each separate component feedback sheet complete

## **Coquitlam River System**

*Water (quality and quantity) and habitat within the river and creeks (Scott, Hoy, Maple, Orr, etc)*

**STATION 1**

## **Salmon**

*All species of native salmon (chum, coho, chinook, sockeye, pink and steelhead)*

## **Riparian Zones**

*Forested habitat beside the river and creeks*

**STATION 2**

## **Natural Areas & Open Space**

*Forests, trees, wetlands and open space across the watershed and species that depend on these habitats*

## **Liveable Communities**

*Aspects of our built and cultivated environment that relate to land resources within the watershed*

**STATION 3**

## **Resource Industries**

*Key resource industries, including hydro-electricity, drinking water, gravel and eco-tourism*

## **Human Health & Safety**

*Aspects of safety and well-being influenced by natural resources and hazards*

**STATION 4**

## **Recreation**

*Passive and active forms of recreation within the river, riparian areas and natural areas*

## **Stewardship**

*Awareness, involvement and responsibility to act within our watershed*

**STATION 5**

## **Cultural & Spiritual Values**

*Experiences and connections that people have in the watershed and intrinsic or other values*

