

**Our Vision: Pacific Region communities living sustainably within the natural limitations of healthy ecosystems supporting abundant and biologically diverse Pacific salmonids.**

**Our Mission: SEHAB C.A.R.E.S. SEHAB is the voice of the volunteer community dedicated to:**  
**Communicating**  
**Advocating**  
**Representing**  
**Educating, and**  
**Supporting its endeavours.**

**SEHAB and the community have a shared commitment of ensuring functioning ecosystems supporting viable, genetically diverse and abundant indigenous fish populations.**

**SEHAB Member: Paul Cipywnyk**

**Area: North Side Fraser River – Burnaby to Mission**

**Community Advisor: Maurice Coulter-Boisvert**

**Date: November 2015**

## **Key Issues:**

**What top three points can you distill from community input to take to DFO RHQ?**

1. Municipalities working on stream-affecting projects outside the fish window
2. Coho pre-spawn mortality continues to be a concern. The only way to improve this is filtering street runoff, yet cities are way behind on implementing ISMPs
3. Very slow implementation of watershed-friendly features such as swales, biofiltration ponds, roadside alternatives, etc. This means water quality continues to suffer, and massive runoff causes erosion.

**SALMON ENHANCEMENT AND HABITAT ADVISORY BOARD**  
**SEHAB, The Voice of the Salmon Enhancement Program Volunteer**

**Roundtable November 2015**

**Stories:**

**A few examples of successes, failures, challenges.**

Lots of education with all groups, work with schools, good media coverage

**Issues Specific to SEHAB's Work Plan:**

<b>SEHAB Work Plan</b>	<b>Local Issue, Specific Examples</b>	<b>Actions by Community or DFO</b>	<b>SEHAB Opportunity</b>
<b>Wild Salmon Policy (Stock Assessment, Habitat)</b>			
<b>Aquaculture</b>			
<b>Capacity &amp; Core Funding</b>			

**Submissions, Comments from Groups:**

Hi Paul The Fraser River Coalition , Judy Willams Co- chair has asked me to pass on this immediate concern question to you ! Question :

To meet global climate change estimates , all the protective marine and river dikes will have to be raised , starting as soon as 2016 ! Federal and Provincial funding to do the work on these multi year diking projects all over the Province of B. C. must be found ! Raising the protective dikes will possible harm Wild Juvenile Salmon feeding and generally migration routes ! This work has to be done and what Federal and Provincial plans will be in place to protect migrating salmon , during these many dike raising projects all over the Province of B. C. ? Terry Slack Director Fraser River Coalition

**SALMON ENHANCEMENT AND HABITAT ADVISORY BOARD**  
**SEHAB, The Voice of the Salmon Enhancement Program Volunteer**

**Roundtable November 2015**

Lots of chum coming back to Burnaby streams. Stoney. Buckingham, Still, Guichon, Byrne.

Good news: Fish seen in places where they haven't been seen in 50+ years

History of Burnaby Waterways and Current Concerns presentation good attendance

Wild Research fish ID and trapping – great collaboration

**Report from Stoney Creek Environment Committee to SEHAB 2015-11-05**

Observations in your watershed

1. Cohen Commission, Wild Salmon Policy, any movement that you can report?

- Nothing to report

2. Federal legislation and impacts on DFO and Environment Canada, and how that's affecting what you do

- Insufficient manpower on the ground to patrol the creeks.

- No apparent action on Nooksack Dace SARA habitat restoration.

- No action from Environment Canada on road salt toxicity.

3. New Fisheries Act - have you seen any changes? Any impact? What would you like to know more about?

- Loss of habitat protection as a tool to get entities to be responsible.

4. Habitat impacts - What's happening on the ground in your watershed?

- Major washout from un-maintained infrastructure (See supplemental material.)

- Ongoing road salt contamination from SFU.

- UniverCity development has first-class stormwater management and monitoring.

- New residential development on Noel Drive on creek bank.

- Homeless people's camps and fires along the creek.

- Still a lot of graffiti and empty spray cans in the creek.

- Cumulative effect of mountain biking and other recreational activities in the Burnaby Mountain Conservation Area.

- Japanese knotweed infestations are removing native habitat.

5. Successes in public outreach

- 2000 people attended the fish release at the 25th anniversary of the Great Salmon Send-Off.

- Took several elementary school classes to view Chum spawners.

6. Relations with various levels of govt that you work with: municipal, regional, provincial, federal

- Fairly good relationship with City of Burnaby and MetroVancouver

**SALMON ENHANCEMENT AND HABITAT ADVISORY BOARD**  
**SEHAB, The Voice of the Salmon Enhancement Program Volunteer**

**Roundtable November 2015**

- lost contact with provincial Dept. of Environment due to staff cuts
- too often it is a streamkeeper that points out a problem that the professionals should be addressing proactively

7. Projects, workshops, initiatives that you have fostered or participated in

- Several members attended the 2015 SEP Workshop.
- Two members attended the BC Nature AGM.
- One member attended Kinder Morgan's oil spill cleanup exercise in October.

8. Media coverage you have received in your stewardship activities

- We get good coverage and support from Jennifer Moreau of the Burnaby Now.
- Global TV news story on June 25, 2015 regarding how the current drought is affecting the salmon in the local creeks.

[submitted by Alan James, Member at Large for Education]

## **Stoney Creek Environment Committee**

Streamkeeper Perspectives on the washouts that occurred on Stoney Creek in 2014 and 2015

2014-10-20 13:30

- Resident reported sediment seen at confluence of Trib 3A and main stem

2014-11-10 16:44

- forwarded Natal Cicuto's note with photos to City, MetroVancouver, DFO.  
On Saturday, November 8, 2014, I hiked the Stoney Creek from the Elementary school up to the Trib 3a split, and up along Trip 3a crossing Ash Grove Crescent at 8949, and then the second time up at Ashgrove Cresc where it crosses next to Ashbrook Place (Units 28-48).

I then hiked up stream from this last location up to Gaglardi Way.

The section of 3a between Ashgrove Cres and Gaglardi Way had a significant or major washout which included the toppling over of four (4) massive cedar trees; root ball and all.

This created significant washout of clays, silts, gravels, etc... and it appears the City has done some cleanup / maintenance at the culvert inlet crossing Ashgrove Crescent; so this should be on record at Burnaby City Hall / Operations.

The cause of the washout / slide, is obvious heavy rainfall possibly the event on

**SALMON ENHANCEMENT AND HABITAT ADVISORY BOARD**  
**SEHAB, The Voice of the Salmon Enhancement Program Volunteer**

**Roundtable November 2015**

October 22, over 20mm.

The position of the culvert, steepness of grade, etc... that crosses under Gaglardi Way did not help, and this area is in some need of Engineering review.

The culvert is aged, dilapidated, corroded, poorly designed, and there is a stream that runs 'under' the culvert – destabilizing the culvert bedding.

Of immediate concern; there is another cluster of alders / cottonwood, about to suffer the same fate as the cedars, and this place is extremely dangerous for anyone to walk under.

2014-11-26, 15:07

Emailed photos of sediment buildup to Christine Ensing at the City.

2014-11-25, 10:11

Natal emailed Christine Ensing

The one mud/land slide that I observed upstream trib 3, between Ash Grove and Gaglardi (upper 2nd crossing), was far worse.

Completely blocking trib 3 stream flow where the cedar cluster flipped over.

This area is raveling under the blasting water pressure created by high velocity, and the culvert crossing under Gaglardi. The culvert offers absolutely 'zero' energy dissipation, which is why the banks are being undercut, slopes are failing and massive 70ft trees are flipping over.

Even the culvert steel integrity is falling apart from the severe water pressure.

Some serious stormwater Engineering needs to be utilized here .....

Perhaps one day in the future, focus will shift from political grand standing at Bby Mtn, and shift more toward 'emergency issues' that need immediate attention and repair.

Perhaps I'm dreaming, but...

I would classify the rapid raveling as 'emergency' repair.

Should we send this to the DFO?

No evidence that DFO was informed in 2014

2015-08-04

- on BC Bid

Stoney Creek Tributary 3A Culvert and Bank Rehabilitation

**SALMON ENHANCEMENT AND HABITAT ADVISORY BOARD**  
**SEHAB, The Voice of the Salmon Enhancement Program Volunteer**

**Roundtable November 2015**

Relining of 1700 x 1500 existing CMP culvert with a Polyethylene pipe, the works include installing a new precast concrete overflow structure, installing new precast concrete inlet and outlet headwalls, and associated bank stability works on the inlet and outlet of the culvert.

**2015-08-24 Council Minutes**

The City Manager recommended: 1. THAT Council approve a contract award to A.C. Paving Company Ltd. for a total cost of \$502,887 including GST in the amount of \$23,947 as outlined in this report. Final payment will be based on the actual quantity of goods and services delivered and unit prices as tendered. MOVED BY COUNCILLOR N. VOLKOW SECONDED BY COUNCILLOR P. MCDONELL THAT the recommendation of the City Manager be adopted. CARRIED UNANIMOUSLY 129-07/15 2015-38 Tender - Stoney Creek Tributary 3A Culvert and Bank Rehabilitation Awarded A.C. Paving Company Ltd.

\$502,887.00

**2015-10-30**

Sign on Gaglardi says commencing September, which was already outside the fish window.

**2015-10-30**

First Major washout occurred

**2015-10-30, 17:59**

Emailed photo at confluence with Brunette and John Templeton's note to City and DFO

Fellow Streamkeepers,

On Wed I was thrilled to a call that 9 chum adults were in the wood behind The tennis courts on Ashgrove Cres. Yesterday i got another call regarding a high level of turbidity and sediment in trib 3a. Ongoing to check this out I drove along Ashgrove Cres where the City has contractors working to repair the undercut and damage from the severe storms last January. I talked with people and they had a problem clearly what they were doing wasn't working as the creek should not have been so dirty. On checking the creek and further down by Beaverbrook drive i only saw two fish. Today on going to get my daily water sample they have had a catastrophic failure Trib 3a is undercutting the upper culvert on Gaglardi Way and the creek is completely full of mud and other sediments. Despite having all day yesterday the situation has worsened as I was there I watched parts of the excavation falling down into the creek .

I did some checks on the watershed above North Road water was clear above Gaglardi Way the water in trib 3a was clear. This whole project is clearly way off track and it's hard to keep your composure and be reasonable when you see 25 people all standing around waiting for someone to make a decision on what to do next.

**SALMON ENHANCEMENT AND HABITAT ADVISORY BOARD**  
**SEHAB, The Voice of the Salmon Enhancement Program Volunteer**

**Roundtable November 2015**

We do not know how this will affect the creek .

2015-10-31, 1:17

Email from Willowleaf Place resident, Mike Van Looy

Off Ashgrove.... we've lost our fry and all spawning areas. Over a foot of sand / mud.

No fish between Ashgrove and the other side of Gaglardi. Nothing.

Copied with photos to City and DFO

Additional photos and map at [scec.ca/blog](http://scec.ca/blog)