

# The Water Ship News

A Volunteer Service of the Goldstream Volunteer Salmonid Enhancement Association

May 2019

*Editor – Kate MacDonald*

GVSEA publishes the Water Ship News on a monthly basis for educators, secondary students, agencies and community organizations. The 'News informs participants in Fisheries and Oceans Canada's Stream to Sea Program in the Capital Regional District. The 'News also notifies students and educators of training and volunteer opportunities concerning species enhancement and habitat restoration. In turn, community organizations find the support they require to fulfill their objectives.

Back issues of The Water Ship News can be viewed at [www.salmoninschools.ca](http://www.salmoninschools.ca)

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## CLASSROOM INCUBATION

### STYROFOAM JACKET

When you begin to feed your fry (wait until 75% are free-swimming and completely buttoned-up), remove the front piece of the Styrofoam jacket (keep all others on to keep water cool) in the morning and replace it at the end of the day. This helps acclimate your fry to the daily cycle of light and darkness.

### TEMPERATURE CHANGE

The temperature of our local streams is increasing with the warm spring weather. If you are releasing into Goldstream River, please ensure your tank is at 9°C. If you are releasing into Colquitz Creek, you can increase your target temperature to 11°, but do so over several days. For all other release sites, temperature should be set to 9°C. If you are unsure about changing your chiller temperature, please read page 14 of your manual or watch the video on salmoninschools.ca under the "Resources" tab.

### FRY RELEASE

- Fry must be released within 10 days of when you start feeding them.
- Please review pages 16 & 17 of your manual for detailed information about fry release. If you have any questions, please reply to this email.
- **Release sites:** if you are unsure where to release your fry, please let me know. You can view a map of suggested release sites at salmoninschools.ca under the "Resources" tab. No changes have been made to release sites since last year.
- **Mt. Doug Park Releases:** If you have not already scheduled your release with me, please do so to ensure there is not more than 1 group at the site at a time.

## REQUIRED DATA

After fry release, please email me with the following info ASAP:

1. # of eggs that died
2. # of alevin/fry that died
3. Release site
4. ATU value at release time

*Happy Fry Releasing!*

**Questions, concerns or issues with your incubator?** Salt Spring Island projects, please contact Drew Bodaly. Everyone else, please contact me (Kate), directly.

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## STORM DRAIN MARKING PROGRAM



This program gives students an active role in protecting their environment by marking storm drains with bright yellow fish and circulating information to advise residents that these drains empty into local creeks. Storm Drain Marking increases our understanding of point source pollution, and strengthens our conscious connection with the natural world.

This activity is suitable for students in Gr.3 and higher, between April and October. I will bring a marking kit to your class presentation (about 30 minutes), and will leave it with you until you have finished your project. Please contact me for more info.

*If you are a school located in the **Mt. Douglas watershed** (most of Gordon Head), volunteers from the Friends of Mt. Douglas Park Society are happy to assist you with a storm drain marking field trip. In advance of the trip, your group will need to book the 30 minute in-class workshop with Kate. Please get in touch for more details.*

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## COMMUNITY ACTIVITIES & RESOURCES



The 2019 SEP Community Workshop will take place at Vancouver Island University Nanaimo May 31 to June 2. The workshop is hosted by Nanaimo River Stewardship Society with support from Pacific Streamkeepers Foundation, Fisheries and Oceans Canada, Pacific Salmon Foundation and Snuneymuxw First Nation. [Event Info.](#)

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Peninsula Streams Society brings Environmental Education into the classroom. Our aim is to have educational programs that Connect children with their local environment at the elementary and middle school levels. We offer our programs to classes and groups in Greater Victoria. In April and May, we visit Gr. 3 classes to deliver a one hour interactive presentation, composed of two parts: Watershed Education and the Salmon Lifecycle. **This program is a perfect lead-up to the salmon fry releases** for schools that participate in the salmon classroom incubator program. Our Gr. 3 program is now delivered to schools in the SD 63 (Saanich) and SD 61 (Greater Victoria) regions, to almost 500 students annually. [Click for more info](#)



Become a CRD Watershed Warden – Capital Regional District  
Kids can earn a free CRD Watershed Warden badge by learning about and taking care of their local watersheds. Badges may be earned by participating in any local programming or stewardship activities whether with your class, family or club.

Rainwater and Watersheds – A learning resources for elementary educators in the Capital Region, is an online document (pdf) which provides place-based lesson plans which can be easily adapted to various grade levels and can help you earn a badge!

More online resources including short videos, watershed maps, printable activities and graphics are available to enhance this place-based learning opportunity. Learn more at: [www.crd.bc.ca/watersheds](http://www.crd.bc.ca/watersheds).

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*Editor's Note - The Water Ship News is an e-newsletter for CRD participants in the Classroom Incubation Program. Your email address is not contained in the header. To remove yourself from this mailing list, send an email from your address to [katemacdonaldjulicher@gmail.com](mailto:katemacdonaldjulicher@gmail.com)*