

Know Your Watershed

Volume 4 - Issue #2

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Spring 2006



Congratulations
to the
City of Swift Current
on building the
wastewater
treatment plant



The SCCWS had another successful year with the SOC Monitoring Project and we are now another step closer to a better understanding of the Health of the Watershed. Water, fish and macroinvertebrate (bug) samples were taken in various locations in the Swift Current Creek.

These locations were chosen for their:

- Representation of the diverse geography in our watershed
- Accessibility

When the locations were chosen the next three steps were:

- Stream flow measurements
- Fish collection using two techniques:
 - Seine net (large net that goes from one shore to the other)
 - Electro shocker (discharging a small shock into the water to temporarily stun the fish)
- Macroinvertebrate Collection using a kick net

The SCCWS have one more year of data collection in this 4 Year Project and then in 2007 we will begin to answer the question...

Is the Swift Current Creek Watershed Healthy?

When we have a better understanding of the Health of the Watershed we will be better equipped to focus on areas that may need attention.

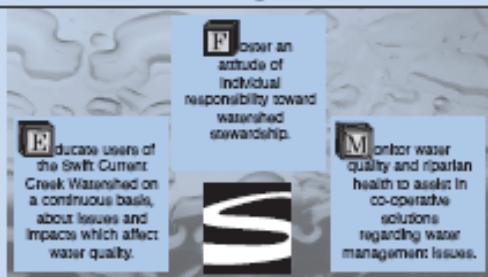


OUR GOALS

Contact the
SCCWS

@
778-5007

or
www.sccws.com



MISSION STATEMENT
Enhance water quality and stream health of the Swift Current Creek Watershed by promoting awareness and understanding among water uses

FROG HOPPERS



Frog Hoppers is an educational program used to deliver workshops that are designed for students age 8 - 14 and can be given either at the creek or in the classroom.

Workshops look at such things as:

- ~ Geography of the Swift Current Creek
 - ~ Riparian Areas (what are they and what is their purpose)
 - ~ Hands-on nitrate and PH tests
 - ~ Animal, fish and water bug habitat using preserved samples
- Students will be able to answer the question...

Why is the creek important to me?



How much water do you need to...

Use the dishwasher?
Take a shower or bath?
Brush your teeth?
Wash the car?
Flush the toilet?
Run the clothes washer?

A liter of water weighs 1.01 kilograms or 2.2 pounds

Each day, almost 10,000 children under the age of 5 in Third World countries die as a result of illness contracted by the use of impure water

Water vaporizes at 100 degrees Celsius
Frozen water is 9% lighter than water, which is why ice floats on water

Q: Give me food, and I will live; give me water, and I will die.
What am I?

Quiz ANSWERS

<input checked="" type="radio"/>7-5 gallons
<input type="radio"/> 17-24 gallons
<input type="radio"/> 2-5 gallons
<input type="radio"/> 35-50 gallons
<input type="radio"/> 2-7 gallons
<input type="radio"/>50 gallons

A: Fire

