

Checking the Pulse

A premier field study program – conducted in partnership with Westerns Sydney University School of Science & Health, titled ‘**Checking the Pulse of the Hawkesbury River**’. Students have the opportunity to perform water quality analysis in boats operated by WSU.

Pre-Excursion classwork – Watch the video, download resources and complete some pre-excursion questions to ensure your students come well prepared for the excursion.

Chemical Analysis on the Kent Reach site of the Hawkesbury River – students access two boats to undertake a river tour and collect data for physical, chemical and biological river parameters.

Riverbank Assessment – riverbanks occupy one of the most dynamic parts of the landscape. Riverbank vegetation plays an important role in protecting the health of the river streams. Students will complete a riverbank erosion condition assessment. Suggested management recommendations will also be discussed.

Phytoplankton Analysis – back in our Earth Lab students will view the algal species using a compound microscope connected to an interactive whiteboard. Students identify the diversity of phytoplankton found in the river system and upload all data to the Atlas of Living Australia and WSU’s Harwest river watch website.

2017 Available Dates

~~Mon 5th June~~

Tues 13th June

Mon 19th June

Wed 7th June

Wed 14th June

Wed 21st June

Syllabus Links: *Sen. Sci.-Water for Living, EES-Local Environment, Sen. Geog.-Biophysical Interactions*

Minimum of 12, maximum of 21 students per day – we can combine schools with smaller numbers

Contact Brewongle EEC for pricing and available dates.

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