

Coquitlam River Watershed Assignment



1. What is a watershed? Watch this video to find out - <https://www.youtube.com/watch?v=QOrVotzBNto>
2. Complete the *Components of a Watershed* Worksheet
[Components of a Watershed \(PDF-Fillable\).pdf](#)
3. Using the link to the map below, put an “x” where our school is located. Use the legend in the bottom right corner to help you understand the picture.
 - a.) How is the watershed boundary outlined and shaded? (what colour and what kind of line)[CoquitlamWatershedTopography.pdf](#)
4. What primary rivers and streams occupy our watershed and into what ocean do they eventually drain?

5. Answer the following questions using the website below.

<http://www.coquitlamriverwatershed.ca/kwikwetlem-first-nation>

- a.) From what Aboriginal name does Coquitlam get its name? What does it mean?
- b.) What wildlife are drawn in the First Nations art seen on the webpage?

6. Water quality testing measures the following parameters. By doing an online search, explain what each means in regards to water quality.

- i. Dissolved Oxygen
- ii. Water Temperature
- iii. Turbidity
- iv. Nitrates
- v. Nitrites
- vi. pH
- vii. Hardness

7. Choose **two** of the following questions to research and answer:

- a. How are Kwikwetlem First Nation's values expressed in music, literature, and art?
How are the watershed's rivers and lakes used by people today?
- b. What kinds of industries exist in the watershed and how do they make use of the watershed's natural resources?
- c. What is the source of drinking water for the school's community and what happens to its storm water runoff and sanitary sewage?
- d. What other communities downstream of your watershed depend on water draining from your watershed for drinking water?
- e. What environmental problems does the watershed face and what's being done to address them?
- f. What threatened, rare, and endangered animal and plant species exist within your watershed and what threatens their existence?