Looking at Water Reports

Today we will be doing side-by-side comparison of MDC and NBWD 2017 water reports (links on my website and below):

* 2017 New Britain water quality report
* 2017 MDC water quality report
* MDC water treatment plants (for Question 4)

**Title your notes “Reading Water Quality Reports”**

Work in pairs, each person having one report on their computer

Each person taking their own notes. Use the Heading Sections to help find information:

1. What does each company do for “Source Water Protection” (one is much more detailed – please provide those details)
2. What are the water sources for each (list out)? How much water does each hold? Why do you think each has multiple sources?
3. What health information is presented in each report? Why do you think this is included?
4. Compare the water treatments presented. What methods are used? Why do you think they are different? (see also additional “MDC water treatment plants” file or ask me for print copy)
5. What is fluoridation? Why do both companies do this?
6. What is a “Cross Connection”? What does each say about sources or causes of cross contamination?
7. What does the NB report section about Fats, Oils and Grease say? Why is this important (MDC has a separate webpage for this)
8. The NB report has a section “Substances That Could Be in Water”. The MDC has a similar section “Information About Drinking Water Contaminants”. What do they say about:
   1. Similarities between tap water and bottled water
   2. Types of contaminants and how they get into the water (3 examples)
   3. What does the MDC report say about the State of CT and Class A waters in this section?
9. The NB report has a section on “Stormwater Management”.
   1. List 3 examples of things they recommend.
   2. Explain how these materials can get into a water supply, using the term runoff.\
10. What facts/recommendations does each report give about Lead? Copper?
11. Compare the water quality report tables:
    1. What does “AL” stand for? What does “MCL” stand for?
    2. Which substances are shown in both? Which are not?
    3. Are any substances above the "AL" or "MCL"
    4. Why do you think they present data on "unregulated substances"