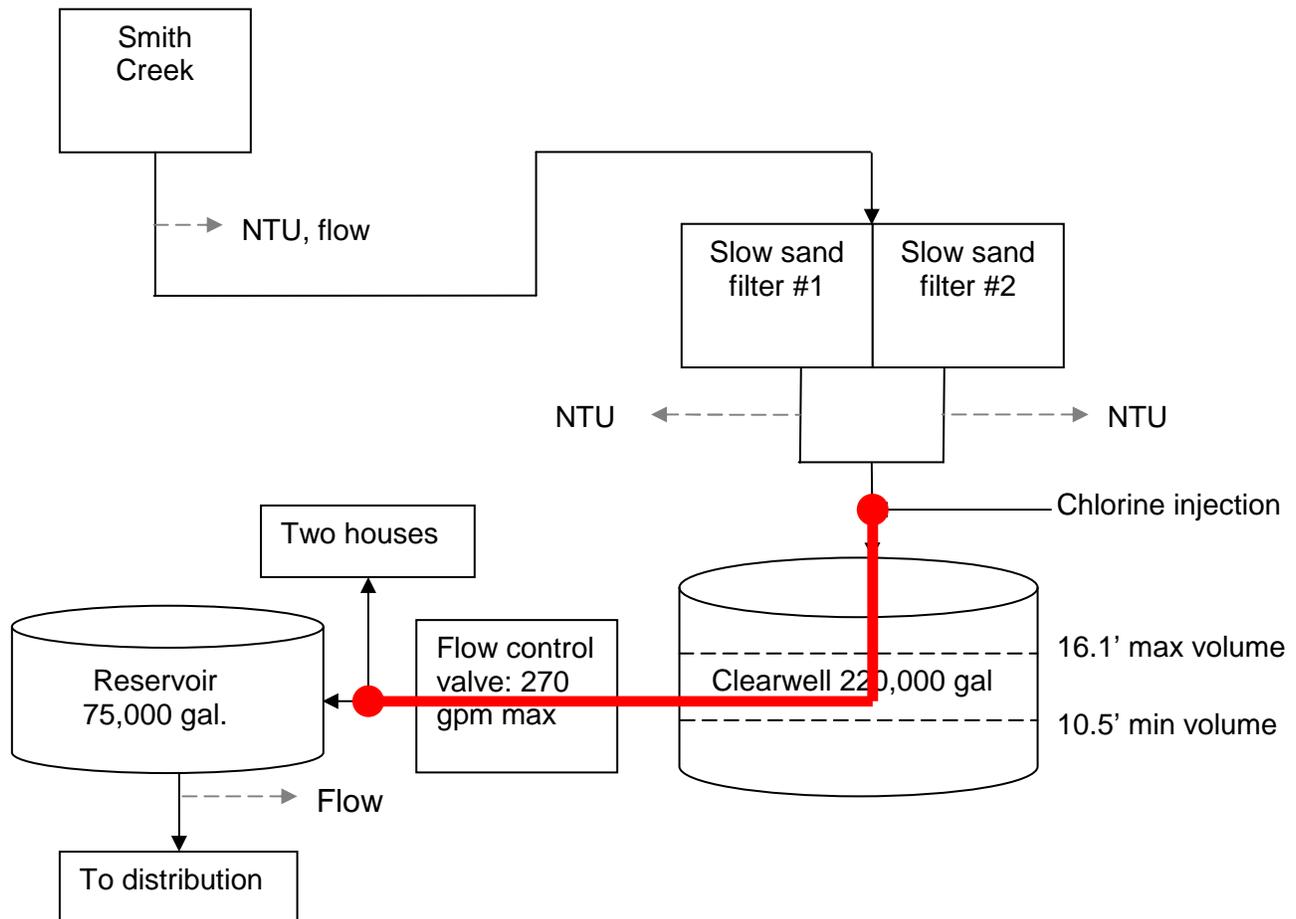


ESSENTIALS OF SURFACE WATER TREATMENT TRAINING

Exercise #1: Tracer studies

Directions: Look at the diagram and answer the questions.

Figure 1: Water Treatment Plant



Questions:

1. If this was your treatment plant, highlight the part of the plant where you might conduct a tracer study.
2. In a “worst-case scenario” tracer study, what would the flow rate be? **270 gpm**
3. In a “worst-case scenario” tracer study, what would the clearwell level be? **10.5 feet**