

Boone Wastewater Treatment Plant – Field Trip – November 4, 2004
Meet at the plant at 9:15 am.

Directions: Go West on Route 30 to Boone. Turn right at 4-way stop onto Story St. Go through next light until you get to a 4-way stop. Turn left at stop onto Park Ave. Go straight at next stop, and proceed down hill. At bottom, turn left where sign indicates sledding hill (before crossing stream). You'll see the wastewater treatment plant on your right, about a half mile down.

Report: Based on your visit to the plant, write a report (about 1 page) on the operation of the facility. Briefly discuss the processes used to treat the wastewater. Include in your discussion answers to the following:

1. What are the major contributors of wastewater flow to the plant?
2. What types of pollutants are removed at the plant?
3. What residues are produced in treating the wastewater and how are they disposed?
4. What treatment chemicals are used in processing the wastewater and residues?
5. Draw a flow diagram. Indicate where residues are removed and where the chemicals are added.

