

Boone Wastewater Treatment Plant – Field Trip –
Meet at the plant at 9:30 am - following the water plant field trip

Directions from the water plant: Retrace steps back to Story St. in Boone. From Story, turn right (west) onto Park Ave. at light. 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 -1 ½ 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.

Both water and wastewater field trip reports will be due the following week - October 30, 2007.

