Invasive Species Prevalence Lab

Group Names:

Hour Date: Why late? Score: + ✓ -  
 If your project was late, describe why**Overview:** in this lab, you will be determining the impact of buckthorn on the school’s forest ecosystem. You will be assigned to a specific 35 meter length of trail in the school forest. Your objective will be to mark the trunk of every buckthorn tree (no matter how big or small) using a piece of colored tape or other material. All buckthorn within a meter of either side of the trail (left and right) should be marked. As you mark every buckthorn tree, you will be recording the prevalence of this tree to help produce a map that allows the class to determine where the impact of this invasive species is most prevalent. This sheet will be due at the end of the class period.

1. Circle the area in which you are marking buckthorn:

East side: 0-35m 35-70m 70-105m 105-140m 140-175m 175-210m

South side: 0-35m 35-70m 70-105m 105-140m 140-175m 175-210m

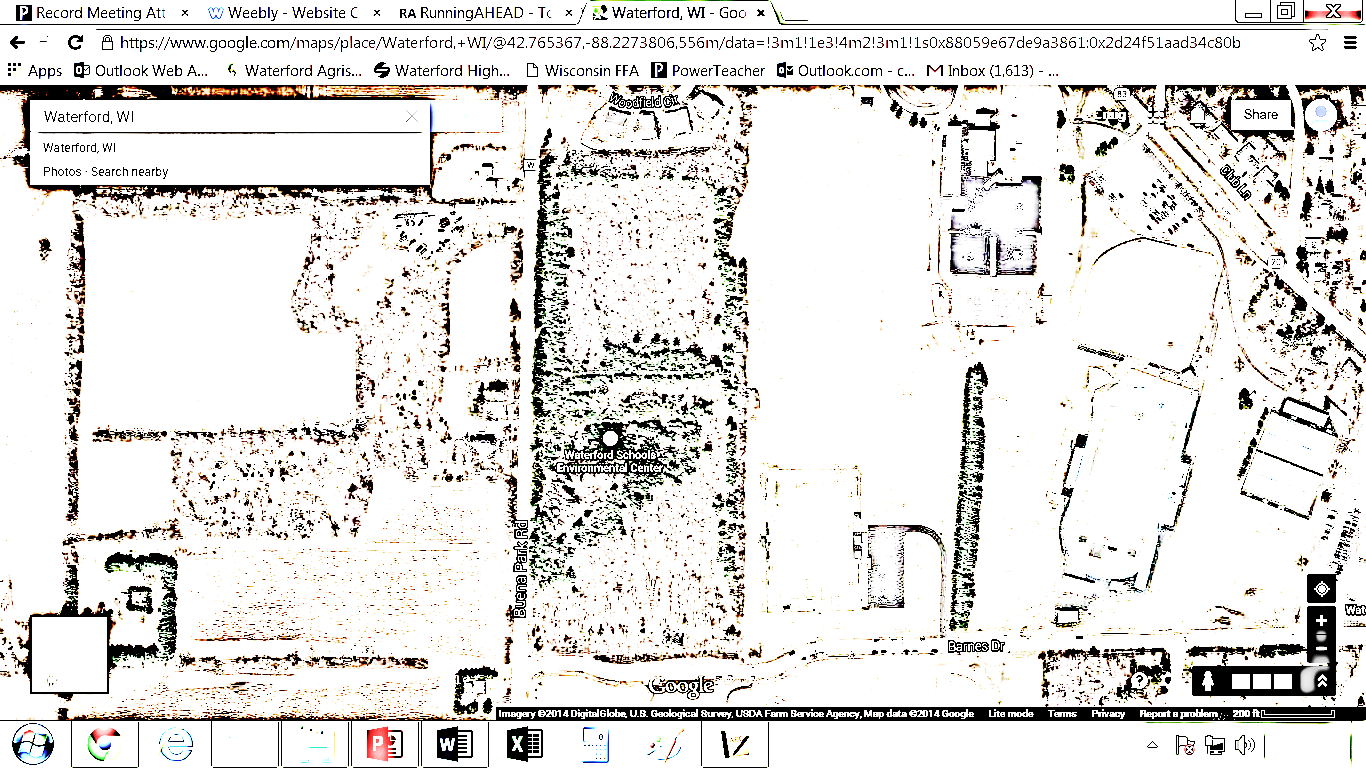
2. How many buckthorn individuals did you mark?

3. What was the total buckthorn marked by the entire class?   
  
 trees

4. What was the average amount of buckthorn found per 35m area?  
  
 trees  
*Note: divide the total buckthorn marked by the number of groups in this class who measured.*

5. Describe where buckthorn is most prevalent on your section of trail:   
  
\_

\_



East Side  
200 m

South Side 180 m