



Air Pollution: What's the Solution?

Student Worksheet : Particulate Matter Investigation

Name: _____

Group: _____

1. Describe the location you chose for your monitoring card.

2. Daily Weather Observations

Weather Observations	Day 1	Day 2	Day 3
Wind Speed/Dir.			
Rain?			

3. Sketch the Results:

A simple black outline of a circle.

4. How many particulates can you count on your card?
What percentage of the exposed area had particulates on it?

5. Do you think you were able to see all the particulates trapped by the tape?
Explain.

6. Describe the types of particulates observed on the cards. Were any of the
particulates obvious to you, like a grain of sand?

7. Would you be able to hypothesize about the origin of any of the particulates?
(For example, if you found a red piece of clay on your card that was hanging
near the baseball field that uses red clay on the infield.)

8. Do you think the weather conditions had an effect on your results? Explain.