

## Air Pollution: What's the Solution? Traditional/Analysis Assessment

Name: \_\_\_\_\_

**Circle the best response:**

1) Particulate matter can be made from:

- a) acid
- b) metal
- c) dust
- d) pollen
- e) all of the above

2) Prolonged exposure to particulate matter can:

- a) aggravate lung disease
- b) aggravate cardiovascular disease
- c) trigger an asthma attack
- d) trigger a bronchitis attack
- e) all of the above

3) Which of the following do not contribute to a temperature inversion?

- a) calm winds
- b) mountains
- c) rain
- d) "capping" layer of warm air
- e) winter months

4) To predict if there might be particle pollution in your area, you could:

- a) check the weather report
- b) check the stock report
- c) check the AIRNow web site
- d) check the AIRNow web site and the weather report
- e) none of the above

5) True or False (circle one)

Small particles less than 10 micrometers in diameter pose the greatest problems, because they can get deep into your lungs, and some may even get into your bloodstream.

**Use the photograph below to answer the following questions:**



1) Describe various causes for the limited visibility in this photograph.

2) Explain how particulate matter can cause haze.