Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Air Quality WebQuest**

**Use the Internet to respond to the following questions.**

1. Visit the following site: <http://www.epa.gov/epahome/learn.htm>  **🡪 \*Click on Air**

A. What is the definition for air pollution? (from your notes!)

1. What are six common air pollutants? (click on “6 common Air Pollutants”)

1. 4.

2. 5.

3. 6.

1. What are three negative health effects of ground-level ozone?

**\* Click on the Ozone button below the six common air pollutants paragraph\***

1.

2.

3.

2. Visit the following site: <http://www.airnow.gov/>

1. What does AQI stand for and what is it?

**\*go back to the main page and scroll down to find answers\***

1. What is the AQI for Hudson Falls, NY today? How about for San Diego, CA?
2. What do the different colors represent when monitoring the ozone? (under AQ Index)

Green -

Yellow -

Orange -

Red -

Purple –

Maroon -

3. Visit the following site: <http://www.kean.edu/~fosborne/resources/ex12j.htm>

A. What is the definition of point source pollution?

B. Give two examples of point source air pollution (just look at *Air*).

1.

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C. What is the definition of non-point source pollution?

D. Give two examples of non-point source air pollution (just look at *Air*).

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2.

4. Visit the following site: <http://www.scorecard.org>

A. What does this website do?

1. Find the top three **polluters** in Washington County? ( enter your zip code to find out)

1.

2.

3.

1. What about the TOP polluter in Warren County?

D. Find the top three pollutants *released* in Washington County.

1.

2.

3.

5. Visit the following site: <http://wwf.moccu.com/game.php?lang=en>

A. Play the game and record your score: Level 1 \_\_\_\_\_, Level 2 \_\_\_\_\_, Level 3 \_\_\_\_\_, Level 4 \_\_\_\_\_

1. What animal populations are being affected by emissions from power plants?