

Name: _____

Lab: The Superfund Program

Comprehensive Environmental Response, Compensation and Liability Act (1980)

Superfund is the federal government's program to clean up the nation's uncontrolled hazardous waste sites. Each student at your table should choose a different North Carolina Superfund site listed below and answer the questions. You will then be asked to report your findings to the table. Start by visiting <https://www.epa.gov/superfund/search-superfund-sites-where-you-live> and selecting NC.



Buncombe County – Blue Ridge Plating Company
Cumberland County – Cape Fear Wood Preserving
Iredell County – Sigmon's Septic Tank Service
Wake County – Ward Transformer (Brier Creek)

Haywood County – Barber Orchard
Mecklenberg County – Ram Leather Care
New Hanover County – County Airport Burn Pit
Wake County – NC State University

1. How many Superfund sites are located in North Carolina?
2. Where is your site located? Be as specific as possible.
3. Describe how your site became contaminated.
4. When was your site proposed to be listed as a Superfund site?
5. What is the contaminated media of the site? (ie. groundwater, soil, surface water, etc.)

Click on "Contaminant Information" on the right side of the page.

6. Identify and describe the type of contaminants at the site? (If you have more than five, select five that representative/that you have heard of)
7. What are the risks to humans or ecosystems involved with these contaminants?
8. Briefly describe the cleanup activities that have been performed or will be performed.
9. How might Superfund sites that have been cleaned up be used in the future?

Share your information with other students and record the major pollutants and risks for each site

SITE NAME	MAJOR POLLUTANTS	RISKS
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1. Blue Ridge Plating
2. Barber Orchard
3. Cape Fear Wood Processing
4. Ram Leather Care
5. Sigmon's Septic Tank
6. Airport Burn Pit
7. Ward Transformer
8. NC State University