

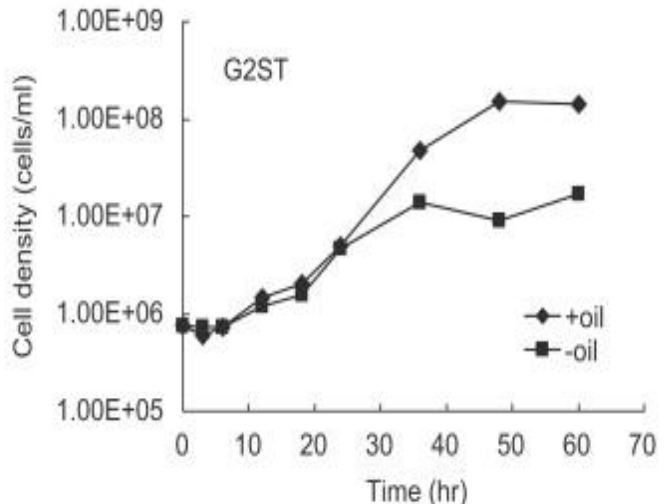
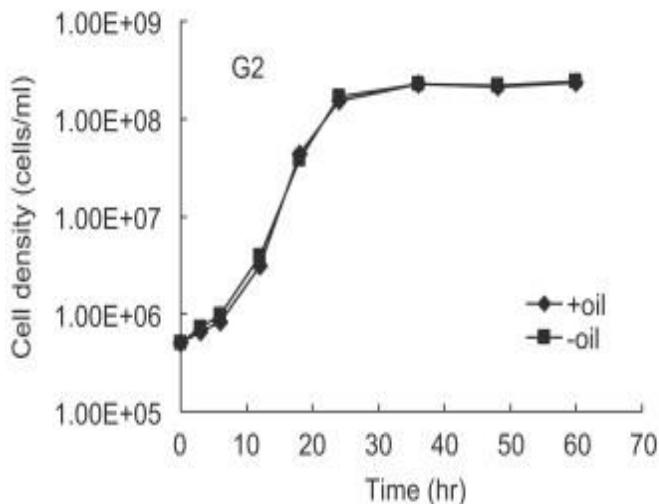
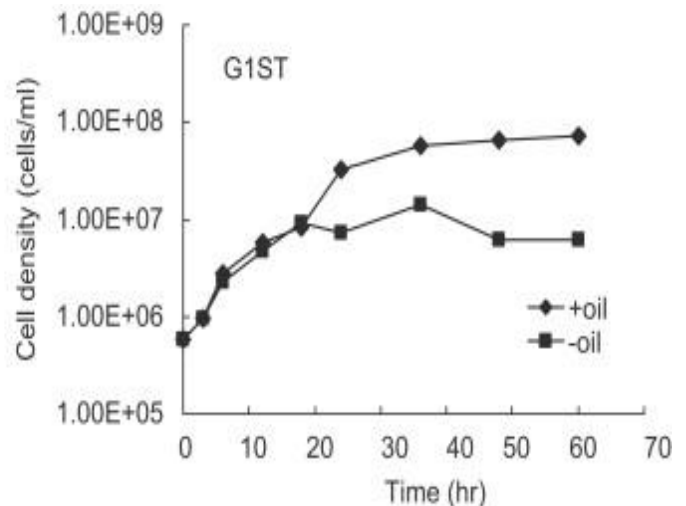
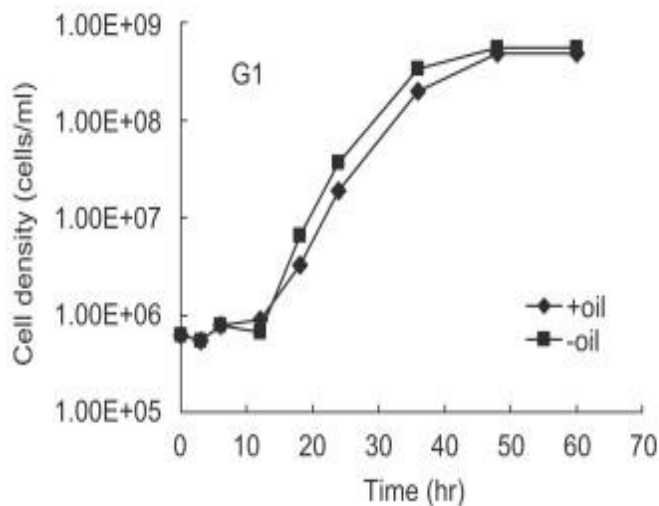
Name: _____

Microbe Graph Analysis #1

Use all resources available to you and of the following two questions, answer only the one you were assigned:

1. What is carrying capacity? What type of graph represents the carrying capacity?

2. What does it mean for a microbe to EAT oil? Why is just adding bacteria not enough? What else can you tell us about oil eating microbes?



Work with a person assigned #2 to answer the following questions:

1. Draw a line to identify the carrying capacity on each graph.

2. Define carrying capacity in your own words.
3. Describe what these graphs are probably showing.
4. How are these graphs important to the oil spill we have been studying? What could be potential consequences of the results of these researchers on the gulf?
5. Microbes are important in recycling nutrients. Why would there naturally be oil-eating microbes in the gulf?