FLINN SCIENTIFIC

Name_____

Oil Spill Containment Worksheet

Data Tables and Observations

Part A.

Containment Material	Role of Material (boom, skimmer, absorbent, dispersant)	Effectiveness of Removing Oil (low, medium, high)	Observations

Part B.

Containment Material	Role of Material (boom, skimmer, absorbent, dispersant)	Effectiveness of Removing Oil (low, medium, high)	Observations

Post-Lab Questions *(Answer on a separate sheet of paper.)*

Part A.

1 Give an explanation for your choice of containment material.

2. Was the containment materials chosen effective in removing the oil? Explain.
3. What challenges do you anticipate Part B will present that are different than Part A?

Part B.

4. How much oil remained in the environment after remediation?
5. Consider the method chosen for removing the oil from the pan.

   a. How effective were the containment materials in removing the oil and keeping it away from land (the sides of the pan)? Explain.

   b. Were the materials chosen more or less effective than the one used in Part A? Explain.
6. Compare your results to other groups in the class. Which method seemed to be most effective?
7. During an actual oil spill, several other negative consequences occur that are not addressed in this activity. List three examples of adverse effects from large quantities of oil being released into the oceans.