

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

## Making Dirty Water Drinkable! Student Worksheet

Group Member Names:

\_\_\_\_\_

**1. Define the Problem:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**2. Possible Solution:**

\_\_\_\_\_  
\_\_\_\_\_

**3. Sketch your water bottle design here:**

**4. Dirty Water Quality Test:**

Appearance:

\_\_\_\_\_

pH: \_\_\_\_\_ (Ideal pH is 7)

**5. Test Water Quality (#1)**

Appearance:

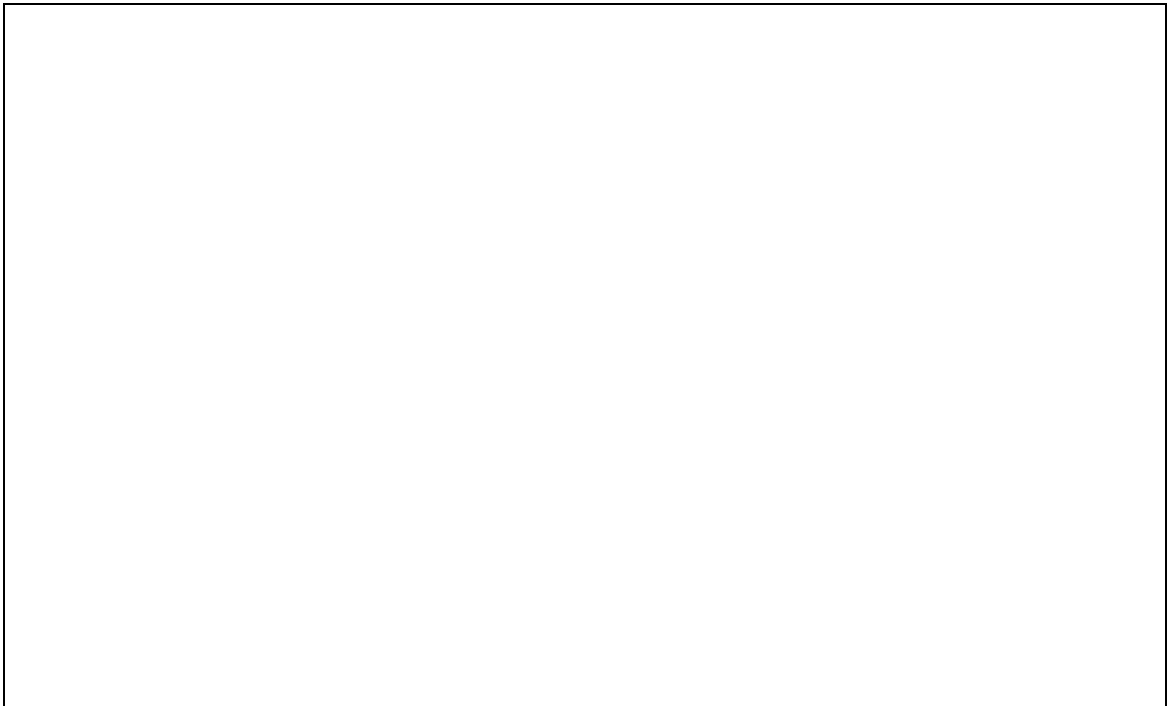
\_\_\_\_\_

pH: \_\_\_\_\_ ( Ideal pH is 7)

**6. Reflection of Initial Test:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**7. Redesign Sketch:**



**8. Test Water Quality (#2)**

Appearance:

\_\_\_\_\_

pH: \_\_\_\_\_ ( Ideal pH is 7)