

Environmental Engineer Design Plan

(for cleaning water samples)

1. Identify the problem.

The problem is

2. Define what you are asked to do (the criteria).

Our environmental engineer team has been asked to

3. Define the limitations or requirements (the constraints) necessary to solve the problem.

4. Apply scientific information have you learned from previous lessons and the reading to help you solve the problem.

Environmental Engineer Design Plan (continued)

5. Create a plan. Write detailed steps.

6. Revise your plan.

Environmental Engineer Design Plan (continued)

7. Carry out your plan and record your observations and results. You will use these results to make a claim.
Observations and results:

8. Compare your observations and results with those of another group. Which plan or parts of your plan worked more efficiently? Which parts did not work well?

Our plan met the criteria or was efficient at _____ based on these observations:

Our plan did not meet the criteria or was less efficient at _____ based on these observations: