

Group Members: _____

PBL Solution + Presentation Checklist

Solution:

Original route information:

- You have calculated how many miles long it is (and checked at least twice).
- You have checked (at least twice) to see how many highways and rivers the pipeline crosses.
- You have decided how many pumping stations and valves you would install.
- You have calculated the total cost.

Your alternate route:

- Drawn carefully on your paper map.
- You have calculated how many miles long it is (and checked at least twice).
- You have checked (at least twice) to see how many highways and rivers the pipeline crosses.
- You have decided how many pumping stations and valves to install.
- You have calculated the total cost.
- You have analyzed the information about your alternate route and it's **BETTER THAN THE ORIGINAL**. If it's not better, make a new alternate route.

Presentation:

- Individual slides are complete, edited, and read out loud to make sure they make sense.
 - Energy Engineer
 - Governmental Mediator
 - Environmentalist
 - Financial Advisor
- The Summary of Solution slide is complete, edited, and has been read out loud.
- The solution slide has the following:
 - A nice map of where your alternate route goes.
 - Information about how many valves and pumping stations you will build.
- Overall, your presentation needs to clearly explain:
 - The cost difference between the two routes.
 - The highway and river crossings of the two routes.
 - WHY YOUR ALTERNATE ROUTE SOLUTION IS BETTER THAN THE ORIGINAL.**