

NAME _____.

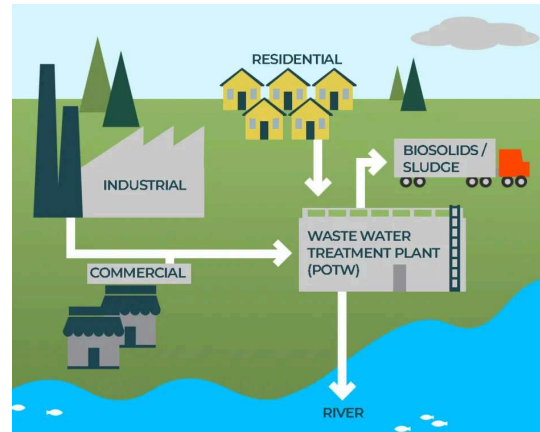
DATE _____.

Mission:

Clean Water Engineer!

The Challenge:

Your city is growing fast, and the mayor has chosen **you** to design a brand-new **wastewater treatment plant** to keep the environment clean and provide fresh water. Your job is to create a **detailed and creative** design showing how your plant will clean dirty water before it's released back into nature.



What to Include in Your Design:

- Draw a **step-by-step diagram** of your treatment process. Be sure to include different stages like filtration, settling, and disinfection.
- Add **pictures, labels, and descriptions** to explain how your plant works.
- Think about **innovative ideas** to make your plant more efficient—consider using renewable energy or recycling waste.
- **Give your water treatment plant a name!** (Example: "EcoFlow Treatment Facility" or "Aqua Clean City Plant").

Tips for Success:

- Look at real wastewater treatment plants for inspiration.
- Use what you've learned about drinking water treatment—how might it be similar or different?
- Make it visually engaging! Consider adding fun facts, a short story, or a mascot to make your diagram stand out.

Your city is counting on you—let's see your best designs! Design your own process and wastewater treatment process!

MY WASTEWATER TREATMENT DESIGN: