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Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Water System: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If you have a WTP, where might you have opportunities to save energy (highlight all that apply):

* Influent (raw water) pumps
* Chemicals
* Mixers
* Filter backwash
* Finished water pumps
* Air compressors
* Solids handling
* Lighting
* HVAC

1. Water System Optimization – Leaping

* Definition: Boosting water to a higher zone than necessary and using PRVs to supply a lower zone.
* In the space below, draw out an example of Leaping in your water system:

1. Water System Optimization – Looping

* Definition: Redundant pumping of the same water. Looping can occur when water descends through a PRV into a lower zone and then is boosted back into the original zone.
* In the space below, draw an example of Looping in your water system:

1. How will you work toward implementing energy saving opportunities?