**Water Renewal Tour Teacher Packet**

**Lesson Objective:**

Learn about the fascinating process of water renewal and how it helps protect water quality.

**Standards Covered:**

ESS3-4-1. Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

ESS3-5-1. Support, obtain and combine information about ways individual communities use science ideas to protect the Earth’s resources and environment.

ESS3-MS-3. Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.

ESS3-MS-4. Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth’s systems.

LS2-HS-3. Construct and revise an explanation based on evidence for the cycling of matter and flow of energy among organisms in an ecosystem.

ESS3-HS-4. Evaluate or refine a technological solution that reduces impacts of human activities on natural systems.

**Student Supplies:**

* One piece of paper and a pencil or pen

**Supplemental Resources:**

* Water Renewal Tour, 15 minute video (found under Virtual Water Renewal Tour) <https://bee.cityofboise.org/learn/watershed-at-home/for-teachers/>
* COMING SOON! Water Renewal Tour Worksheet
* Water Renewal Process Overview (PDF) <https://bee.cityofboise.org/media/1139/water-renewal-process-handout.pdf>

**For more information, please contact:**

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