



# WATER DOWN THE PIPES

An Understanding of Local Wastewater

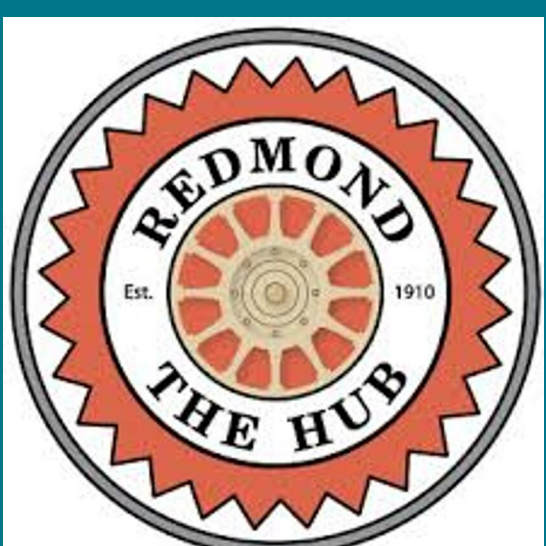
THE ENVIRONMENTAL CENTER, IN PARTNERSHIP WITH THE CITY OF REDMOND, PRESENTS A FREE PROGRAM FOCUSED ON HUMAN INTERACTION WITH THE WATER CYCLE AND WASTEWATER TREATMENT. ENJOY A HANDS-ON NGSS LESSON THAT PROVIDES CONTEXT FOR A FREE FIELD TRIP TO THE WASTEWATER PLANT.

**FOR MORE INFORMATION OR TO SCHEDULE  
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# Lesson

WHERE DOES YOUR DRINKING WATER COME FROM? WHAT HAPPENS TO WATER WHEN IT FLOWS DOWN A DRAIN? STUDENTS WILL TAKE AN INTERACTIVE TOUR OF REDMOND'S WATER SYSTEM FROM SOURCE TO RECLAMATION. STUDENTS WILL EXPLORE THE INFRASTRUCTURE USED TO TRANSPORT AND TREAT SEWAGE TO MINIMIZE HUMAN IMPACT ON THE ENVIRONMENT. STUDENTS WILL LEARN HOW TO PROPERLY CARE FOR THEIR SEWAGE SYSTEM AND WHAT INDIVIDUAL ACTIONS THEY CAN TAKE TO KEEP THE SYSTEM RUNNING SMOOTHLY. THIS IS AN HOUR-LONG CLASSROOM LESSON.

# Field Trip

TAKE A HALF DAY TO VISIT REDMOND'S WASTEWATER TREATMENT PLANT. THERE STUDENTS WILL WITNESS THE BIOLOGICAL PROCESSES UTILITY WORKERS USE TO CLEAN OUR WASTEWATER. AN ADDITIONAL COMPONENT INCLUDES VISITING THE IRRIGATION POND AND FIELDS WHERE CLEANED WASTEWATER RETURNS TO THE WATER CYCLE, AND WHERE BIOSOLIDS ARE USED TO IMPROVE SOIL QUALITY.