

WATER-LOVING WILDLIFE

These animals are frequent visitors along the river. Check off all those you spot today!



OSPREY



AMERICAN BEAVER



BULLFROG



MALLARD



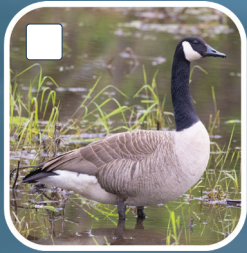
CHINOOK SALMON



RING-BILLED GULL



VIVID DANCER



CANADA GOOSE



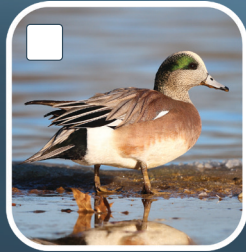
RIVER OTTER



STEELHEAD



POND SLIDER



AMERICAN WIGEON

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Thanks for joining us today!



FOLLOW US!

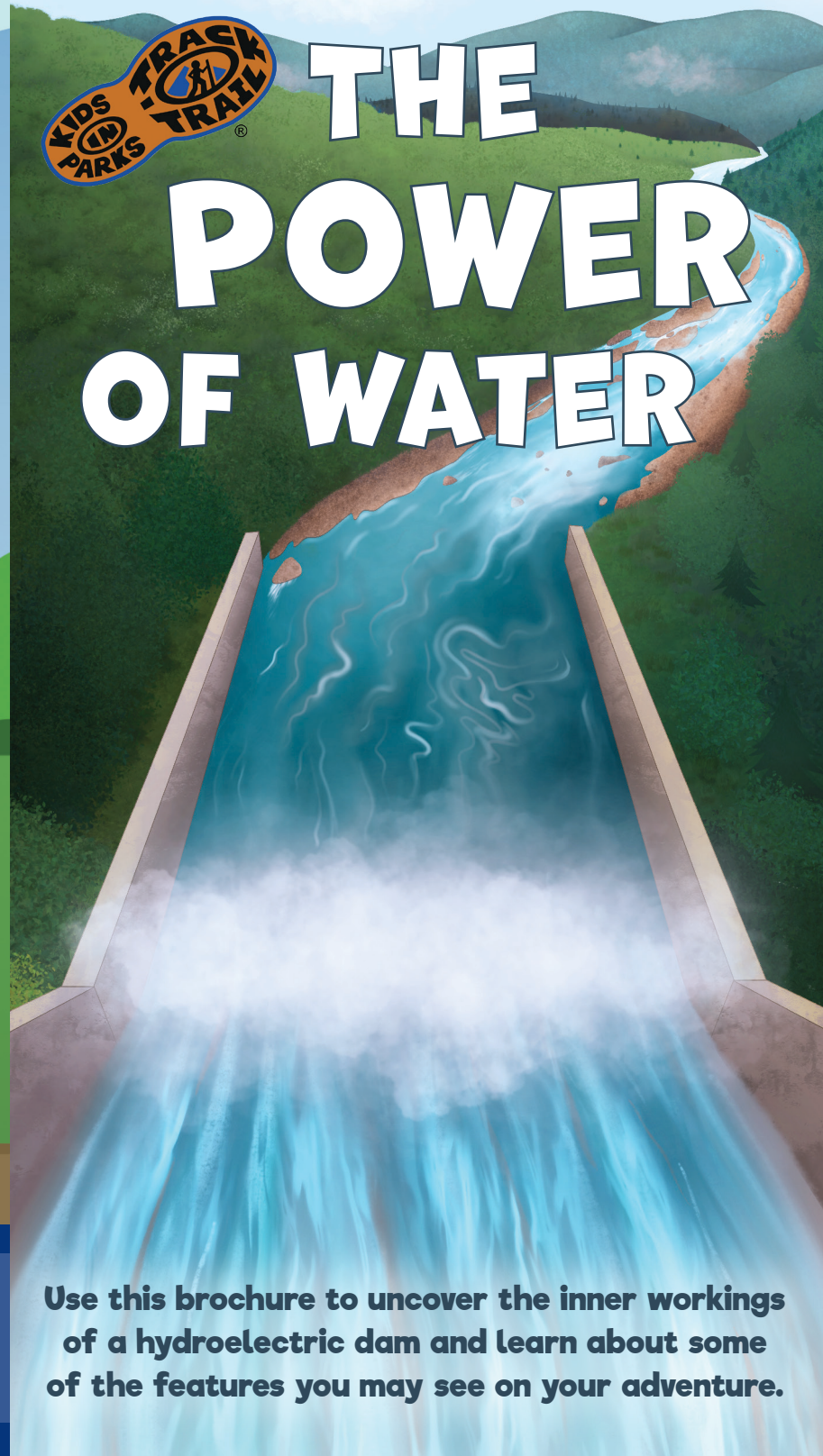
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THE POWER OF WATER



Use this brochure to uncover the inner workings of a hydroelectric dam and learn about some of the features you may see on your adventure.

WHAT IS HYDROPOWER?

FLOWING WATER HAS THE ABILITY TO CARVE CANYONS, DIG RIVER VALLEYS, AND POWER COMMUNITIES. HYDROELECTRIC DAMS HARNESS HYDROPOWER, THE POWER OF MOVING WATER, TO GENERATE RENEWABLE ENERGY. AS YOU EXPLORE TODAY, SEE IF YOU CAN SPOT ANY OF THESE MAIN FEATURES OF THE DAM.

Reservoir: When a river is blocked by a dam, the excess water forms a reservoir (an artificial lake). This water supply is not only used by the dam, but it can also provide irrigation, flood control, recreational opportunities, and drinking water.

Booms: Floating barriers called 'booms' keep large debris, like logs, from entering the dam. You can help keep the river clean by packing out any trash!

Bypass System: Fish that do not go over the spillway can use the bypass outfall pipe, which guides them safely to the other side of the dam.

Juvenile Fish Facility: This building is where biologists can study and count young fish on their way to the ocean.

Fish Ladder: Some fish, like salmon and steelhead, swim upstream to spawn (lay eggs). A fish ladder is a series of stairs that provides a way for fish to pass the dam safely. Can you spot any fish?

Powerhouse: The powerhouse is where electricity is produced. Water flows down through a large pipe called a penstock and over a turbine, causing it to spin and create mechanical energy. This turbine spins a generator that converts the energy into electrical energy. The electricity is transported away on power lines while the water goes back into the river via an outflow pipe.

Spillway: When the reservoir is too full, water flows over the spillway like a giant waterfall. Is the water spilling over today?

Lock: A lock provides a way for boat transportation. Boats are guided into the lock, and the water either rises or falls to match the water level on the other side.

