

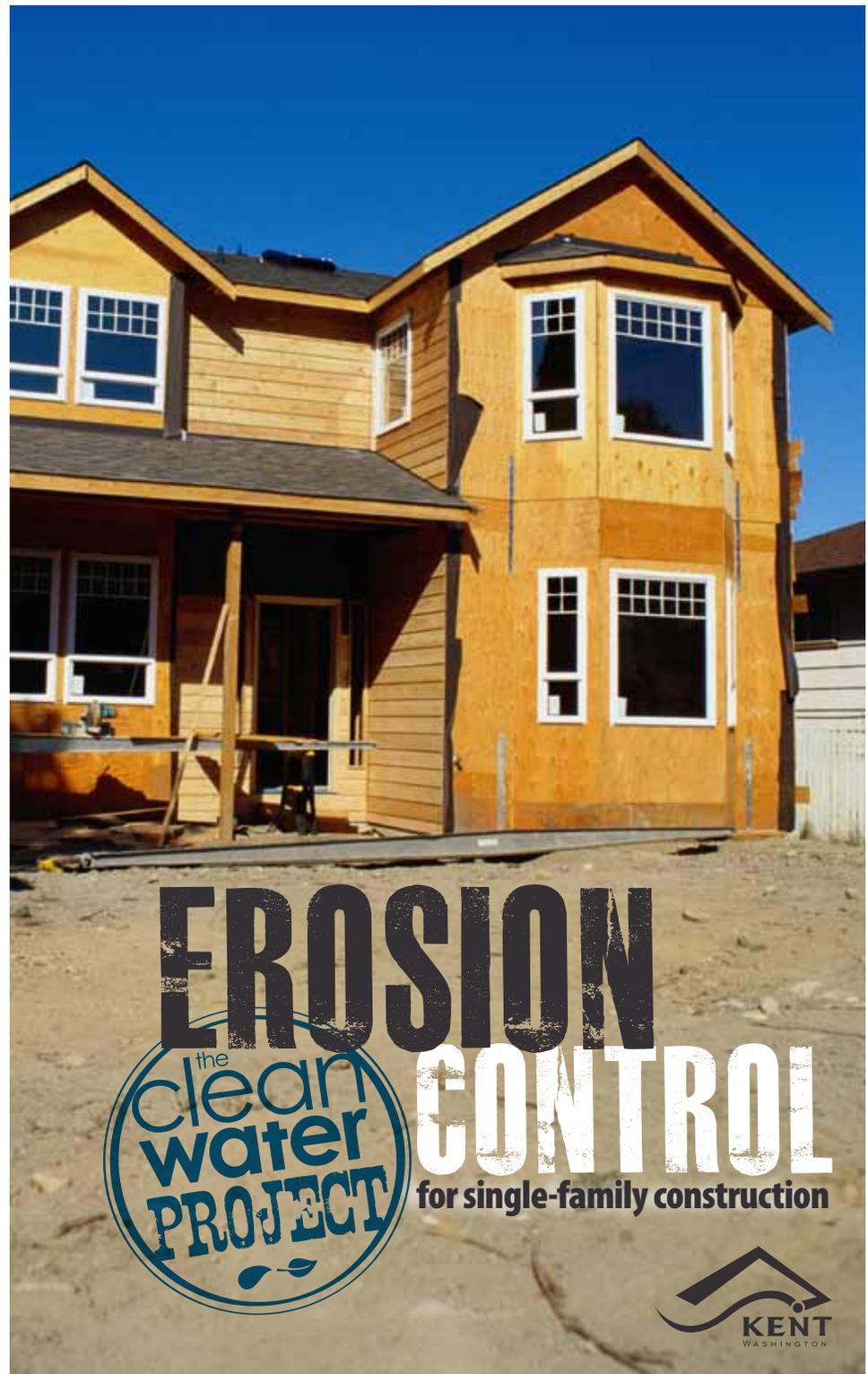


ONLY RAIN
DOWN THE DRAIN



Resources regarding Best Management Practices
are online at the City of Kent Stormwater page:
ChooseKent.com/npdes

For more information call 253.856.5527



EROSION
CONTROL
for single-family construction



WHY INSTALL EROSION CONTROL?

Projects that disturb soils must provide temporary erosion and sediment **control**. Sediment must be prevented from coming into contact with stormwater and being allowed to leave the site or enter into catch basins, streams, wetlands and other environmentally sensitive areas. Sediment laden water is harmful to water resources and aquatic habitats.

WHAT EROSION CONTROL MEASURES DOES YOUR PROJECT NEED?

Erosion control **Best Management Practices (BMPs)** depend on site specific conditions. The following are issues that single family home sites must consider to prevent erosion. BMPs on your site must be maintained to be effective in controlling erosion.

1. Preserve Natural Vegetation & Mark Clearing Limits

Before grading, clearly mark site limits to protect vegetated buffer areas or sensitive areas such as wetlands or streams.

2. Establish a Construction Access

Limit vehicle and equipment access to one route. Stabilize un-paved entrances with **crushed rock** to prevent soils from being tracked onto roadways where they can wash into catch basins.

3. Install Sediment & Erosion Control

Pass stormwater through **sediment traps or barriers**, check dams or sediment fences before it flows off-site. Stabilize soils and protect slopes by covering when not active. **Straw mulch** (3-inches thick), plastic sheeting, or sediment blankets (made of straw, coconut or jute material) can be helpful.

4. Control Pollutants

Keep all chemicals such as fuel, paint, concrete, grout, etc, handled or stored onsite, in **secondary containment** or under cover. Secondary containment must be 150% the volume of the chemical.

5. Control Dewatering

If dewatering, allow the water to settle out first or infiltrate the water to **prevent** sediments from reaching catch basins or waterbodies.



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