

“Water” You Doing with Hydrology? (A Water Inventory)

Name: _____

Date: _____

Home School Other: _____

Directions: Read through each section of the inventory, and circle the number that best describes your observations. Ask your parents/guardians (or school building maintenance manager) if you are unsure about an answer or where an item is located. Then complete the following questions.

Activity	1 Score	2 Score	3 Score
Outdoor Inventory:			
Automobile Wastes	<p>1</p> <p>Oil drips, spills and leaks are cleaned up. Greasy car parts and vehicle liquid wastes are out of reach of storm water runoff.</p>	<p>2</p> <p>Oils drips, spills and leaks are not cleaned up. Car parts are left on unpaved areas outside.</p>	<p>3</p> <p>Used oil, antifreeze, washer fluid and other wastes are dumped down the storm sewer, in a ditch, or on the ground.</p>
Car Washing	<p>1</p> <p>Cars and trucks are washed at car washes or spray booths.</p>	<p>2</p> <p>Cars and trucks are washed on the lawn or gravel drive.</p>	<p>3</p> <p>Cars and trucks are washed on driveways, streets or other paved surfaces.</p>
Driveways, Sidewalks, and Parking Areas	<p>1</p> <p>All driveways and sidewalks are gravel or another porous material such as bricks.</p>	<p>2</p> <p>Some of the driveways and/or sidewalks are gravel or another porous material.</p>	<p>3</p> <p>Driveways and sidewalks are asphalt, concrete or other non-porous material.</p>
Roof Drainage from Downspouts	<p>1</p> <p>Downspouts are directed to lawn or vegetation.</p>	<p>2</p> <p>Some of the downspouts are directed to lawn or vegetation and others are directed to paved surfaces.</p>	<p>3</p> <p>Downspouts are directed to hard paved surfaces, or downspouts are directly connected to storm drains.</p>

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PILOT MATERIALS

Activity	1 Score	2 Score	3 Score
<p>Condition of Storm Drains (if within sight)</p>	<p>1 Drains are clear of trash, leaves, etc., and/or the storm drain is stenciled.</p>	<p>2 Trash and leaves are in the curb near the drain.</p>	<p>3 Drains are covered with trash and leaves.</p>
<p>Landscaping</p>	<p>1 Most of the yard is planted with native plants that are drought tolerant and absorb rain.</p>	<p>2 Most of the yard is in turf grass.</p>	<p>3 There are areas of exposed bare soil.</p>
<p>Handling and Use of Outdoor Chemicals (fertilizers, pesticides, cleaners, etc.)</p>	<p>1 Spills are cleaned up, especially on paved surfaces. Minimum amounts of chemicals are applied according to instructions. Application is delayed to avoid rain.</p>	<p>2 Applications are not delayed to avoid rain.</p>	<p>3 Spills are not cleaned up. Products are used in higher amounts than recommended by the label.</p>
<p>Pet and Animal Waste</p>	<p>1 Pet wastes are flushed down the toilet; buried away from gardens, wells, ditches or where children play; or wrapped and placed in the garbage for disposal.</p>	<p>2 Wastes are left to decompose on grass or soil, and scattered over a wide area.</p>	<p>3 Wastes are left on paved surfaces, concentrated in a pen or yard area, or dumped down storm drains or in ditches.</p>
<p>Outdoor Water Conservation</p>	<p>1 Collect water in a rain barrel or use a rain gauge to tell you when you need to water the lawn (before 10 a.m. or after 4 p.m.)</p>	<p>2 Water when the lawn looks dry.</p>	<p>3 Water the lawn whether it looks like it needs it or not.</p>

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Yard Waste (grass clippings, leaf litter, pulled weeds, etc.)	1 Grass clippings, leaves, etc., are swept off paved surfaces and into lawns away from storm water flow routes. Leaves and other yard wastes are composted.	2 Grass clippings, leaves, etc., are swept off paved surfaces. Leaves and other yard wastes are <u>not</u> composted.	3 Wastes are left on driveways, streets, and other paved surfaces where they can be carried off by storm water.
Indoor Inventory:			
Household Water System	1 Do not have leaks or breakages in pipes, faucets, toilets or shower heads. Fix leaks and breakages immediately.	2 Do not currently have leaks or breakages, but do not always fix them immediately.	3 Currently have leaks and breakages in need of repair.
Household Water Conservation	1 Turn the water off while brushing your teeth. Turn off rinse water while washing the dishes. Dishwashers and washing machines are completely full when in use. The shower heads and toilets have water savers.	2 Sometimes turn off the water during these activities. Do not have water savers.	3 Always run the water during these activities. Do not have any water savers.
Totals			

Scoring Key:

12-18 You’re doing great things for the environment. Keep up the good work!

19-26 Just a few things to change, but you’re on the right track.

27-36 You’ve got work to do, but you know what needs to be done.

<p>Grand Total</p>
