APPENDIX D

Public Education Materials

5 Steps YOU can take to keep Kentucky's water clean:

1) Put litter in its place.

Storm water drainage carries litter from the roadsides into our streams, lakes and rivers. Help keep Kentucky beautiful by stopping litter.

2) Recycle used motor oil.

Remember to always recycle used motor oil and never dump anything into storm drains or ditches – they drain into our streams.

3) Check your car for leaks and fix them.

Drips from cars can pollute our streams and drinking water. Routinely maintaining your vehicle can extend its usefulness and benefit our environment.

4) Use your car less.

Consider ways to use your car less, such as ridesharing, running your errands all at once, or taking a bus. Fewer cars on the roads mean less air and water pollution.

5) Wash your car on the lawn.

Rather than washing your car on pavement, your lawn helps absorb the water and keeps the dirty water from entering our streams. Or even better, use a commercial car wash—they recycle the wash water.

Protecting the quality of our storm water drainage is Everyone's Business.

Get involved with your local community storm water program. For a list of communities that have a storm water program, visit the Division of Water web site: http://water.nr.state.ky.us/kpdes/storm.htm. Information about the Transportation Cabinet's storm water program will be published on the KYTC Division of Environmental Analysis web site: www.kytc.state.ky.us/envanalysis/

Clean Storm Water

Everyone's Business

The Kentucky Transportation Cabinet and Our Storm Water Resources

KENTUCKY TRANSPORTATION CABINET

Want to get involved?

District Numbers

District 1—Paducah
(270) 898-2431

District 2—Madisonville
(270) 824-7080

District 3—Bowling Green
(270) 746-7898

District 4—Elizabethtown
(270) 766-5066

District 5—Louisville
(502) 367-6411

District 6—Covington
(859) 341-2700

District 7—Lexington
(859) 246-2355

District 8—Somerset
(606) 677-4017

District 9—Flemingsburg
(606)845-2551

District 10—Jackson
(606) 666-8841

District 11—Manchester
(606) 598-2145

District 12—Pikeville
(606) 433-7791

For more information on Storm Water Regulations visit:

http://cfpub.epa.gov/npdes/stormwater/swphases.cfm

http://water.nr.state.ky.us/kpdes/storm.htm

Brochure provided by:

KYTC's Division of Environmental Analysis
transportation.ky.gov/envanalysis/
502-564-7250

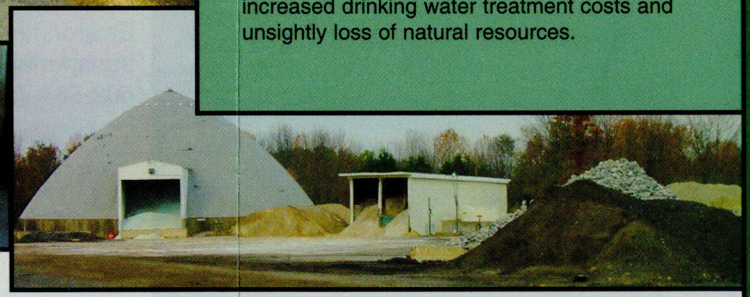
KENTUCKY TRANSPORTATION CABINET

The Cabinet & The Environment

The Kentucky Transportation Cabinet cares about Kentucky. That's why we're always working to find new ways to help protect Kentucky's environment.

Our Mission is to:
Provide a safe, efficient, and environmentally sound transportation system for the movement of people and goods, thereby enhancing the quality of life and economic development in Kentucky.

The Cabinet's latest program focuses on protecting our streams and rivers from pollution and litter washed off roadways and highways by storm water runoff.



What is "Storm Water Runoff"?

When it rains, the storm water runs off roofs, driveways, yards and roads. Pipes and ditches carry this water away. These pipes and ditches lead into local streams, rivers and lakes. Unlike sewage, storm runoff is not treated. As it flows, pollution such as oil, dirt, deicing chemicals, excess lawn fertilizers and trash are carried into our waterways.

Why Care?

The storm water drainage goes to waterways that are inhabited by fish, frogs, and other aquatic plants and animals. As those storm water resources degrade it lowers the quality of life in our communities. This happens through increased drinking water treatment costs and unsightly loss of natural resources.

What is The Transportation Cabinet Doing?

The Cabinet is serious about storm water protection. It has established policies and procedures in an effort to minimize its impacts to the environment. The Cabinet has programs and policies that:

- Address environmental impacts from construction.
- Optimize the amount of deicing chemicals used on roadways.
- Require environmental protection plans be implemented at their vehicle maintenance facilities.
- Consider environmental factors during the highway design.
- Partner with local communities for the benefit of the Commonwealth's storm water resources.

KENTUCKY TRANSPORTATION CABINET

Taking Responsibility

Since Clean Storm Water is Everybody's Business it is important that we ALL take personal responsibility to do our part. This can be small things that we do with our vehicles, in the yard, and around the home. We all need to continually look for new and innovative ways to do things just a little bit differently so that we can benefit the Commonwealth's storm water resources. See the back of this publication for ways you can help.

10 SIMPLE STEPS

1. Don't dump anything down storm drains
2. Use pesticides and fertilizers sparingly
3. Put litter in its place
4. Pick up after your pet
5. Sweep driveways (do not spray wash)
6. Collect yard waste & keep it out of storm drains
7. Use a car wash (they recycle dirty water)
8. Recycle used motor oil
9. Check your car for leaks (fix them!)
10. Have your septic tank inspected every 3-5 years

DUMP NO WASTE
PROTECT YOUR WATERS

How Can You Help?

Get Involved—Show support and contact your local stormwater program for ways to volunteer.

Stay Informed—take an active interest in our waterways, find out what's threatening them and being done to protect them.

Do Your Part—Do not pollute and report pollution entering our stormwater.

Remember that YOU are the SOLUTION to POLLUTION.

To find out more about the stormwater program in your area, contact:

Brought to you by:

KENTUCKY TRANSPORTATION CABINET

WHEN IT RAINS IT DRAINS

Understanding Stormwater

Understanding Stormwater

Everybody's Business

WHEN IT RAINS IT DRAINS

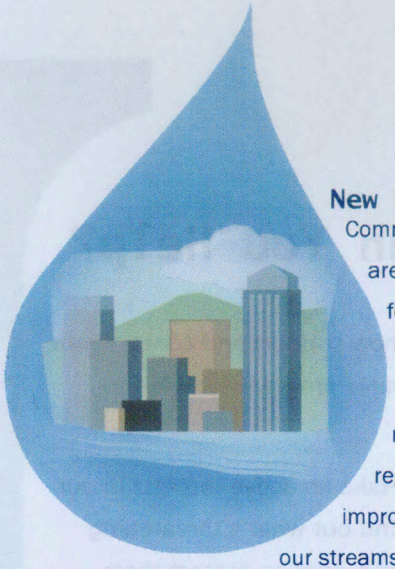
What is Stormwater?

Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, streets and rooftops prevent stormwater from naturally soaking into the ground. To manage this, communities have storm sewers that help to carry stormwater away from homes and businesses.

Did you Know?

When it rains, the stormwater runoff is carried away by pipes and ditches of our storm sewers. These pipes and ditches are different than our regular sewers because the water goes directly into our streams, rivers and lakes. Unlike sewage, storm runoff does not drain to a treatment plant.

As it flows, stormwater picks up debris, chemicals, dirt and other pollution and carries it into our waterways where it can harm the fish, frogs, and other aquatic plants and animals. These are the same waterbodies that we use for swimming, fishing and drinking water.



New Importance.

Communities like ours are facing new federal regulations to reduce pollution in stormwater runoff. These regulations focus on improving the quality of our streams by reducing the amount of pollution carried by stormwater runoff into our waterways.

What's Happening?

Communities around the country are taking action to improve pollution controls. Some of the activities include:

- Increasing public awareness and involvement.
- Eliminating illegal connections and discharges to the storm sewer system.
- Increasing sediment controls at construction sites.
- Requiring controls in new development to remove pollutants from stormwater.
- Improving pollution prevention from community facilities, like maintenance garages, equipment areas, and work areas.

Did you know...

Polluted stormwater runoff is a leading cause of impairment to unhealthy US waterbodies —nearly 40%!

At Home and at Work.

There are many ways to reduce pollution at home and work. The list of 10 steps are simple ways to start.

Business such as restaurants, automotive services, construction/development, landscaping and agriculture can also take steps to reduce runoff pollution, including:

- Promote recycling
- Keep dumpster doors closed and covered to help keep them clean and avoid leaks.
- Use yard and deicing chemicals sparingly
- Cover or seed exposed soils so it doesn't erode
- Dispose of hazardous materials (paint, chemicals) at proper facilities (not the trash)
- Store and apply manure away from waterbodies
- Keep livestock out of streams
- Plant vegetative buffers along streams

Understanding Stormwater

To find out more, visit:
Environmental Protection Agency:
www.epa.gov/npdes/stormwater
www.epa.gov/owow/nps/
For kids:
www.epa.gov/owow/nps/kids/
Kentucky:
water.nr.state.ky.us/kpdes/storm.htm#MS4

CITY OF GREENUP
MS4 WATERSHED

REPORT DUMPING!
800-426-4791

KENTUCKY WATERSHED INITIATIVE

If it's on the ground
it's in your water
The Commonwealth Water Education Project

KENTUCKY TRANSPORTATION CABINET

www.inyourwater.org