

LOCAL SOURCE CONTROL

Working with businesses
to stop pollution at its source

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Clean Water
Division
Clark County
Public Works



Introduction

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A partnership project between the Department of Ecology and:

- 23 agencies in the Puget Sound area and Spokane
- Clark County Clean Water Division
- Clark County Public Health



Program Goal:

The Local Source Control Partnership (LSCP) provides hands-on pollution prevention advice and regulatory assistance to businesses and other organizations that generate small quantities of dangerous waste

By helping business owners do their part, we also help prevent polluted runoff from damaging our waterways.

Scope of the LSCP project

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Type of work to be completed:

- Technical assistance visits (on site) - 70-75%
- Unique program elements (15-20%)
- Training and Networking (10%)



1. Technical Assistance Visits

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- Stop discharge of wastes to municipal separated storm sewer system (MS4)
- Inspect facilities for pollution potential
- Inspect oil-water separators and other commercial facilities that connect to the MS4

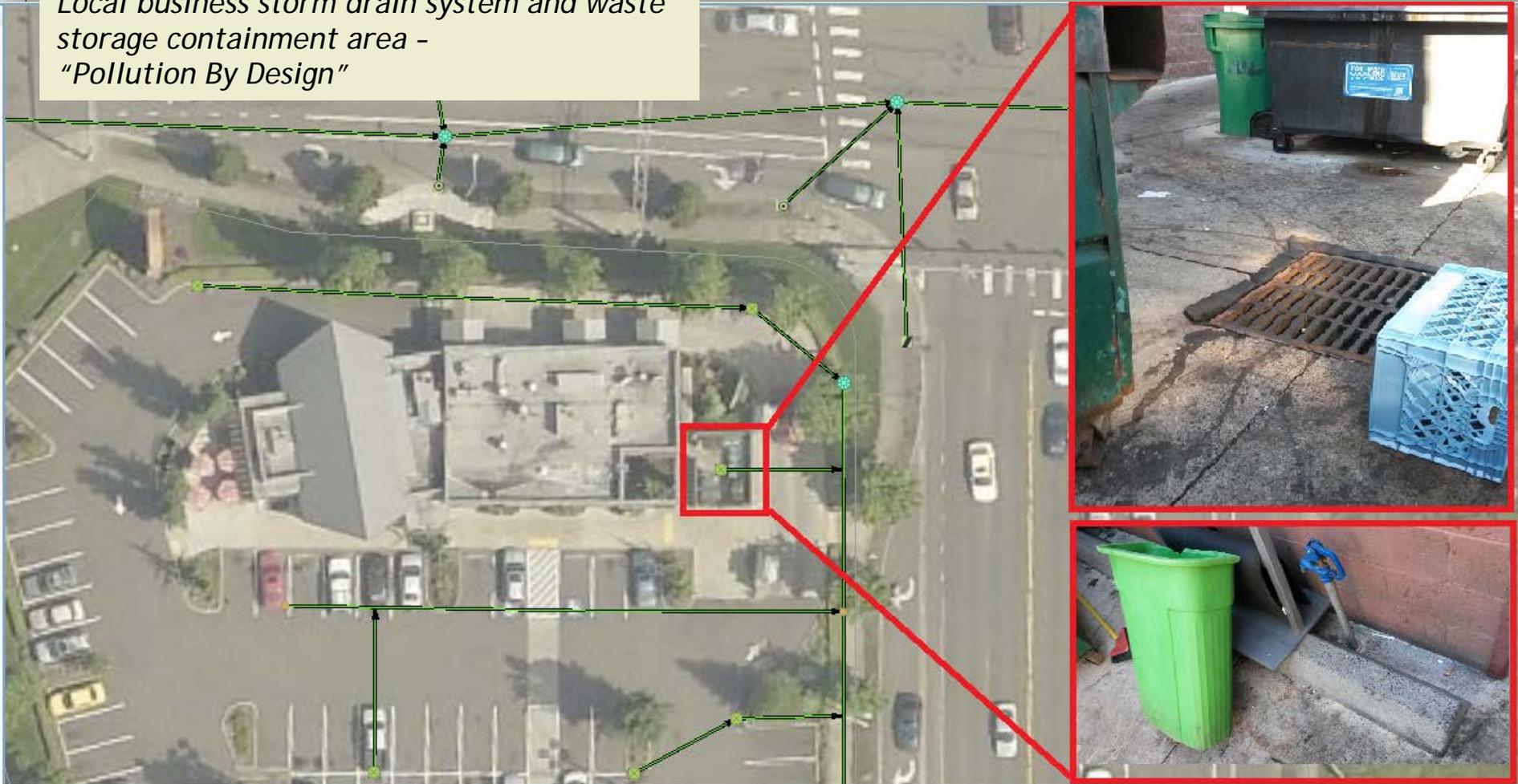


*Walked on-site to find this...
right over storm drain*

1. Technical Assistance Visits

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Local business storm drain system and waste storage containment area - "Pollution By Design"



1. Technical Assistance Visits

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What we are finding:

Improper storage of hazardous materials/waste



1. Technical Assistance Visits

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What we are finding:

Improper disposal of
waste water



1. Technical Assistance Visits

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What we are finding:

Lack of spill containment /
spill clean up materials (kit)



1. Technical Assistance Visits

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What we are finding:

Leaking trash compactors (the container and/or the hydraulic system that powers it)



**PATHWAY FOR OIL AND UNCONTAINED LIQUID
COMPACTOR WASTES**

**DRAINS
IMMEDIATELY TO
COUNTY
STORMWATER
SYSTEM AND
COUGAR CREEK**

1. Technical Assistance Visits

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What we are finding:

Dumpsters that don't work, collecting storm water (broken or missing lids) or leaking through holes and rust out.



1. Technical Assistance Visits

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What we are finding:

Messy grease and cooking oil collection / containers (restaurants)



1. Technical Assistance Visits

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What we are finding:

Aging equipment / improper set up of equipment

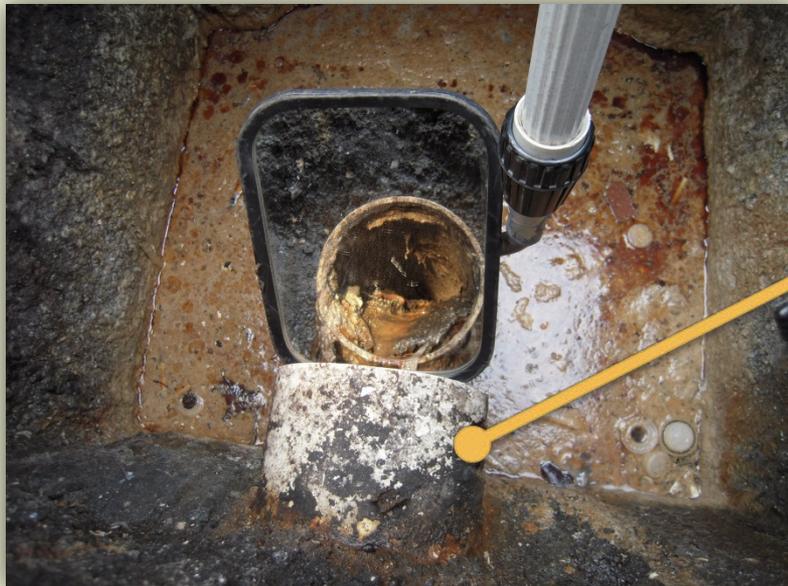


1. Technical Assistance Visits

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What we are finding:

Improperly maintained facilities
(oil/water separators)



1. Technical Assistance Visits

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What we are finding:

Owners / employees are unaware of best management practices to prevent pollution (*washing out storage areas right to drain*)



2. Unique Program Elements

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- NPDES Phase I permittee compliance
- Support Green Business program
- Oil-Water Separator enhancement
- Dynamic Mobile Business Inventory
- Pilot Monitoring Support

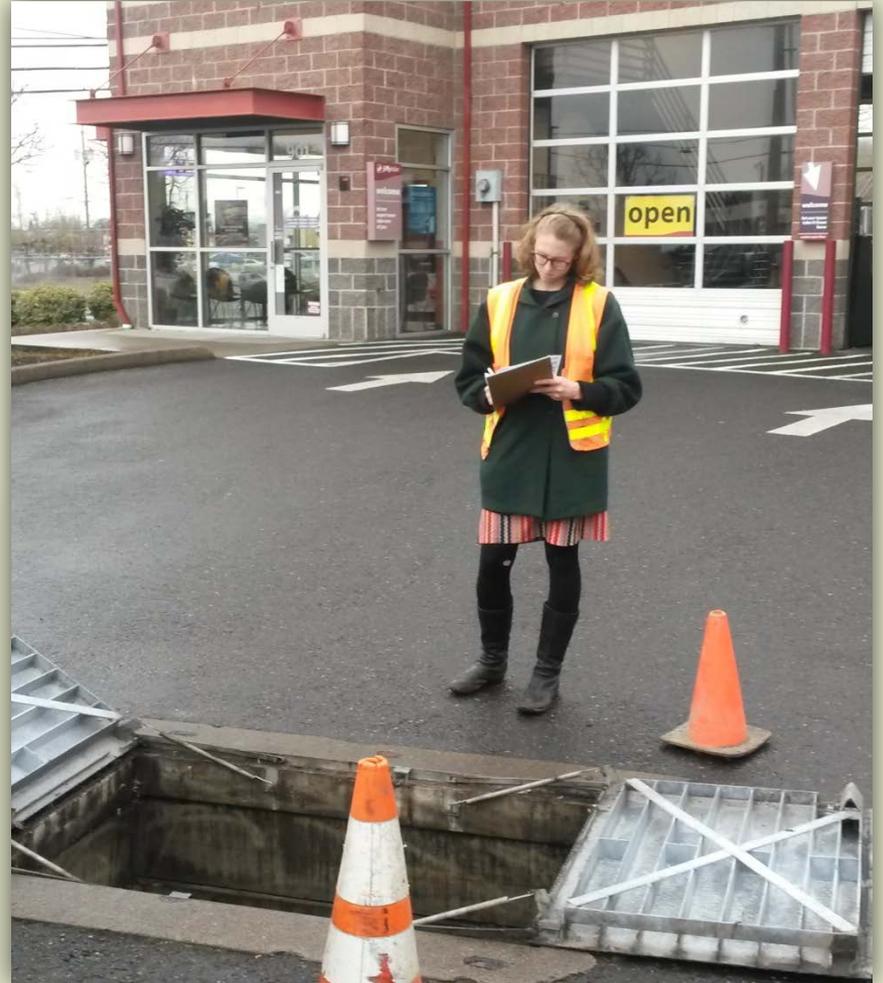


Mobile carpet cleaner business who had just dumped wash water into parking lot to drain

3. Training and Networking

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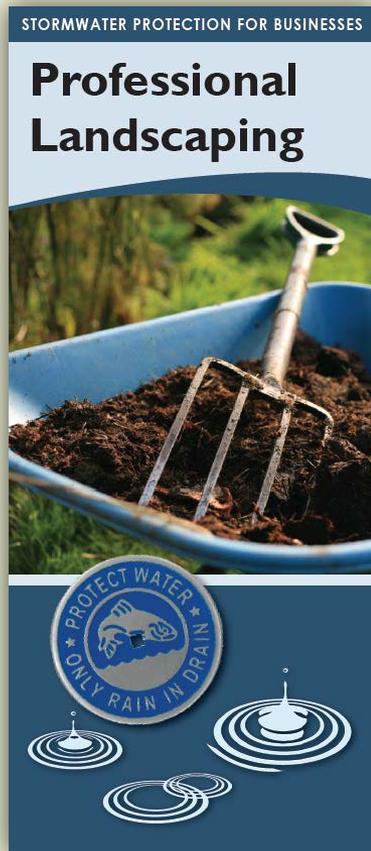
- In-person new staff mentoring / training
- SharePoint resources
- Field mentoring
- Regular partner trainings



Educational materials – what we are doing

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Business specific brochures and flyers



Simple steps you can take to prevent stormwater pollution

ALWAYS

Always sweep or blowback excess fertilizer, herbicide or lawn clippings into lawn/landscape area and not into the street, sidewalk or driveway.

Always Clean tools and equipment over the lawn or landscaped area.

Why? Rainfall and urban runoff from sprinklers and hoses picks up and carries chemicals and other contaminants into the storm drain and directly into waterways or groundwater which is where we get our drinking water in Clark County.



Always apply pesticides, herbicides and fertilizers *only when necessary* and follow directions closely. Test soils prior to applications to ensure the correct products are used for the task.

Why? All chemicals (even non-toxic) can have a negative impact on our waterways. Consult your local supplier if you have questions about appropriate use or application rates.



ALWAYS

Always have spill prevention and spill cleanup supplies on site and easily accessible.

Always train staff on the appropriate use of the spill kit including disposal of materials when the spill is cleaned up.

Why? When supplies are nearby, spills can be cleaned up in a timely manner, reducing possible pollution. Make sure to restock the kit after each use.



Always clean up the job site when work is complete. Sweep up dirt, fertilizers, mulch, clippings and debris prior to leaving the site.

Always minimize the amount of disturbance where possible. Compost organic materials on-site or use the local [yard debris recycling centers](http://recycling-a-z.com) in Clark County (recycling-a-z.com).

Why? Cleaning up the site minimizes the opportunity for wind and rain to pollute stormwater.

Always adjust sprinklers to minimize overspray to hard surfaces.

Why? Save water and use only the amount needed to water landscape areas and minimize runoff.



NEVER

Never rinse or clean tools and equipment on streets, sidewalks or driveways where runoff could enter a storm drain.

Never use storm drains as waste receptacles, even if it is organic materials such as lawn clippings or leaves. Properly dispose or compost organic materials.

Never apply lawn chemicals when raining or when rain is forecast for the day.

Never over spray or cast lawn care products onto hard surfaces such as driveways, sidewalks or patios. Sweep up excess materials and properly dispose of.

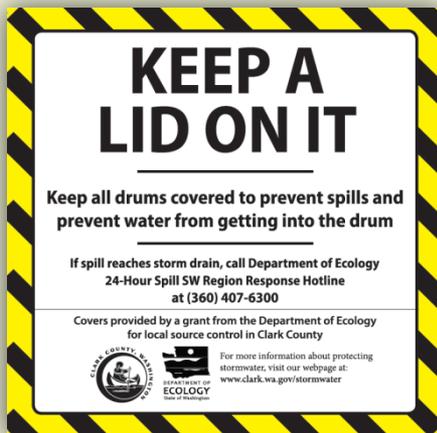


Clippings, sediment, chemicals and other materials can contaminate runoff and pollute nearby waterways. It can even reach groundwater, which is where we get our drinking water.

Educational materials – what we are doing

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- Best practices messaging:
Available in three languages



STORMWATER PROTECTION FOR BUSINESSES

Managing your wastes

NO
NEVER pour or wash anything into a storm drain

STORMWATER RUNOFF IS NOT TREATED
Runoff from urban surfaces, such as parking lots or driveways, is the largest source of pollution to our local creeks, streams and rivers.

By avoiding waste water in a storm water drain or storm water facility, you can:

- Avoid expensive clean-up costs
- Keep your employees and customers safe
- Protect local waterways
- Avoid fines

Dumping your bucket?

Remember, only RAIN down the drain

YES
Dispose of waste water in a utility sink or connection to a sanitary sewer

BE PART OF THE SOLUTION
Learn where your proper sewer connections are within your business. Train employees to use utility sinks or sanitary sewer connections for disposing of waste water, including wash water, mop buckets, detergents and soaps.

Your business is important in our community. You can play a role in protecting our waterways.

To report a spill, contact:
Contact Washington Department of Ecology 24-Hour Spill SW Region Response Hotline at (360) 407-6300.

For additional information:
Contact Clark County for technical assistance and the regulations that apply to your business or visit www.clark.wa.gov/stormwater for more tips and information on preventing pollution

Aviso Importante
Este Informe contiene Información Importante. Pídale a alguien que se lo traduzca o llame (360) 397-2121

Важное сообщение
Важное сообщение содержит важную информацию. Попросите кого-нибудь перевести ее для вас или звоните (360) 397-2121

Clark County Environmental Services
Clean Water Program
1500 Franklin St., Vancouver, WA
Don Beaton, Director
360/397-2121

For more information, contact the Clark County RCW Office: (360) 397-2122, (360) 397-2121 or (360) 397-6300. Fax: (360) 397-6300. Email: RCW@clark.wa.gov

Educational materials – what we are doing

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■ Fuel station assessment in 2015:

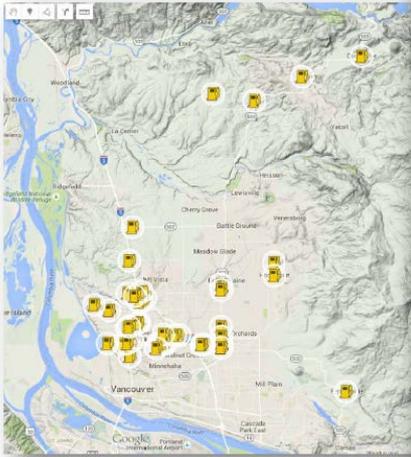


Figure 5. Map of surveyed fuel stations
(Source: Google Map with address icons)

STORMWATER PROTECTION FOR BUSINESSES

How to use your Spill Kit

Protecting your business, employees and customers from accidental spills



Photo: Getty Images

PROTECT YOUR BUSINESS
Preventing spills can save your business money – Having a spill kit and knowing how to use it properly can save expensive clean-up costs and lost revenues if your business has to close during the clean-up.

By cleaning up spills **before** they reach a storm water drain or storm water facility, you can:

- Avoid expensive clean-up costs
- Keep your employees and customers safe
- Avoid potential regulatory fines
- Protect local waterways for contaminated runoff

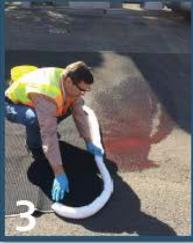
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1 Evaluate the situation, including safety issues. Notify owner, spill coordinator and other necessary people. Put on protective equipment. Follow your spill plan.



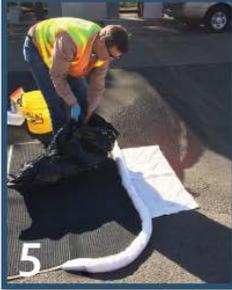
2 Stop the source of the spill, if it can be done safely. If unable to stop the spill, call for assistance.



3 Protect the drain, by installing the drain cover and placing protective socks / booms in between the drain and the spill.



4 Clean up the spill with appropriate materials, including mats, pads, absorbent clay, etc. Use a broom and pan to clean up materials. **Never use a hose.**



5 Dispose of all used materials properly, including securely tying the bag. If the materials are hazardous, follow local regulations for proper disposal.



6 Restock the spill kit and put back at the spill kit station. Document the clean up effort and notify the owner and/or spill coordinator that work is complete.



Clark County Clean Water Division
1300 Franklin St., Vancouver, WA
360 397-2121
www.clark.wa.gov/stormwater

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For other formats, contact the Clark County ADA Office: Voice (360) 397-2122; Relay 711 (toll free) 800-833-6108; Fax (360) 397-4163; Email ADA@clark.wa.gov

Clark County Clean Water Division - Local Source Control

Thank you.....

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Are there questions
that we can answer
for you?

Dean Boening - Clean
Water Division Manager,
Clark County

Bob Patterson -
Environmental Outreach
Specialist, Senior



*Waste storage area AND Cougar Creek....
too close for comfort*