



Parking lot drains, also known as catchbasins or stormwater drains, are connected to watercourses.



Stormwater drain markers remind us that we are all connected to our surrounding environment.

# Auto Repair & Body Shops

Protect Our Aquatic Environment by Preventing Stormwater Contamination

## Spill Prevention

Keep your shop clean and organized to prevent spills:

- Develop a spill response plan which includes a spill response kit equipped with absorbent materials that are appropriate for products used or wastes produced by your facility. Train employees to follow the spill response plan.
- Spills of automotive fluids or other hazardous materials must be cleaned up or contained immediately to prevent them from entering the stormwater drainage system

In the event of an accidental spill to the environment immediately contact the **Provincial Emergency Program** (PEP) at 1.800.663.3456. In the event that the chemical is flammable, toxic, corrosive or has other hazardous properties call the **Surrey Fire Department** immediately at **911**.

Any person responsible for stormwater drainage system contamination may be held liable under the following environmental legislation:

- Federal Fisheries Act
- BC Hazardous Waste Regulation
- BC Environmental Management Act
- Surrey By-law No. 16610

## For more information

RCBC Recycling Hotline  
**604.732.9253**

City of Surrey, Plumbing Section  
**604.591.4245**

City of Surrey  
Drainage & Environment Section  
**604.591.4321**

Metro Vancouver  
Source Control  
**604.436.6777**

Surrey Fire Department  
**604.543.6760**

Used Oil Management Association  
[www.usedoilrecycling.com](http://www.usedoilrecycling.com)

If you witness a spill or chemicals being washed into a stormwater drain, please contact the City of Surrey's Engineering Department at **604.590.7226**, after 4:30pm at **604.591.4431**.



**DID YOU KNOW?** A drop of waste motor oil can contaminate the equivalent of a swimming pool full of water. There are over 1500 km of open creeks and streams in Surrey. These creeks form an important network of watercourses, which provide natural habitat for salmon, trout, and other aquatic life.



## Automotive Service & Repair

Automotive service and repair facilities are considered to be stormwater pollution “HOT SPOTS” where significant amounts of hydrocarbons, trace metals and other pollutants can mix with stormwater runoff. Stormwater runoff is collected by catch basins of the stormwater drainage system and conveyed to fish-bearing watercourses. Fish and other aquatic life are very sensitive to pollution. It is imperative that every measure be taken to prevent contaminants from entering the stormwater drainage system and polluting our streams and creeks. Examples of pollutants often generated at automobile maintenance facilities, or by residents performing their own car maintenance at home, include:

- Solvents (paints & paint thinners)
- Antifreeze
- Brake fluid and brake duct
- Batteries
- Motor oils
- Fuels (gasoline, diesel, kerosene)
- Lubricating grease

## Best Management Practices

To prevent pollutants from entering the stormwater drainage system and ultimately our streams and creeks, please observe the following practices:

- Wastewater, such as radiator flushing, steam cleaning, engine shampooing, parts washing, and caustic cleaning operations, must be disposed of to an approved sanitary sewer connection or take place in areas where there is proper containment and no risk of spills to the stormwater drainage system.
- All waste automotive fluids, paints and solvents must be properly recycled and/or disposed of by an approved disposal or recycling company.
- Oil filters should be drained and stored separately for recycling.
- Interior drains must have an approved connection to the sanitary sewer system.
- Drip pans should be placed under any leaking vehicle stored or parked on your site to capture fluids. Captured fluids should be disposed of in appropriate waste containers for proper disposal or recycling. All containers of new or waste automotive fluids, solvents, paints, cleaners, deodorizers, acids and caustics should be stored in a secure area. Curbing, dyking and a roof may be required. Check with the Surrey Fire Department for storage requirements.
- Vehicles, tools and equipment should not be washed in an area where the wastewater could enter the stormwater drainage system. Wash on a designated wash pad connected to an oil interceptor prior to discharge to the sanitary sewer or direct wash water to an isolated sump or holding tank for removal by a disposal company. A Waste Discharge Permit may be required from Metro Vancouver.
- Sweep parking lots and work areas rather than flushing dirt and debris with water into the catch basins.
- Ensure all employees are aware of their important role in the protection of the stormwater drainage system.