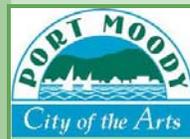
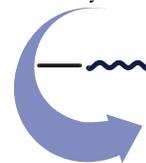


# ENVIRONMENTAL HOMEOWNER'S MANUAL

SUTER BROOK



Prepared By:



**Pottinger Gaherty**  
**Environmental Consultants Ltd.**  
February 2007



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## INTRODUCTION

*As our population grows and our understanding of the natural environment increases, it is clear that we need to make choices that mitigate our impacts on the natural environment. Promoting healthy, sustainable, modern living is a priority in the design of the Suter Brook project.*

*As residents of Port Moody, we are faced with choices that will directly affect our quality of life for the present and time to come. This Environmental HomeOwner's Manual will explain some of decisions that lead to living healthy sustainable lives. Inside are some ideas and resources that will help save you time and money, all while leading a healthier, more sustainable life.*

### **Port Moody Background**

The City of Port Moody benefits from a rich and diverse natural environment that is home to an assortment of birds and wildlife. Within the city's limits is the marine ecosystem of Burrard Inlet, fish bearing streams such as Noons Creek and Mossom Creeks' watersheds, as well as the diverse forests of Belcarra Regional Park. The importance of protecting these natural places is not lost on the City of Port Moody and its residents. Healthy natural areas not only provide habitat for local flora and fauna but they mitigate many of the undesirable effects of urbanization such as smog and water pollution. The Port Moody community has made a strong commitment to protecting and rehabilitating its natural environment through a combination of community driven initiatives and regulation.

Port Moody has used an ecosystem based approach to plan for the protection of its natural areas. Ecosystems are a dynamic complex of plants, animals, micro-organisms and their non-living environment. By conducting an inventory of Port Moody's natural areas, the city has been able to examine ecosystem linkages and delineate environmentally sensitive areas (ESA) to provide direction for planning and development decisions.

ESA's in Port Moody include critical habitat for fish, birds, amphibians, wildlife and plant species They are rated as either a low, medium or high value. Development in or near any medium or high level ESA requires completing a strict development permit process. This permit will require the design of the development to meet a number of standards or guidelines directed at protecting the natural environment.



## INTRODUCTION

### Streams and Riparian Habitat.

Located in the Lower Mainland of BC, where so much fish habitat has been degraded or destroyed, Port Moody is proud to be home to a number of watercourses supporting populations of fish. These streams, including Suter Brook, provide critical spawning and rearing habitat for a variety of salmon species including coho, chum and pink salmon, as well as rainbow and coastal cutthroat trout. Stream conservation has been an important priority for Port Moody residents. Many people have volunteered countless hours cleaning up garbage, planting trees, restoring habitat, conducting wildlife surveys and running hatcheries to ensure the long-term viability of these streams. (Ref: Flora and Fauna survey of Shoreline Park, available in Port Moody library.)

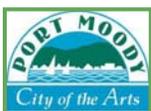
To ensure that Port Moody continues to provide quality fish habitat and healthy riparian ecosystems, the city has developed watercourse protection objectives to work in conjunction with provincial based initiatives protecting urban fish habitat. These objectives are aimed at managing development alongside creeks and streams to protect valuable fish habitat.

### Vegetation and Tree Retention

The City of Port Moody is recognized for its healthy forests, trees and gardens. As knowledge of urban ecosystems improve there is an increasing understanding that these greenspaces offer much more than just aesthetic and recreational values. Healthy greenspaces provide many ecological services to urban environments including mitigating air pollution and preserving water quality. In addition, well designed green landscaping can greatly improve the water and energy efficiency of a building.

With this in mind, Port Moody became the first municipality in BC to adopt the provincial Naturescape program. Naturescape is a program that focuses on the use of native species in landscaping. It is used in landscaping for restoration, maintenance, improvement, and preservation of wildlife habitat. Native plants are recognized as providers of food and shelter for wildlife and are well adapted for the local environment. Port Moody has adopted the program for all publicly owned lands and encourages its use on private lands where appropriate.

Port Moody also has a tree retention policy in place to ensure that the city remains green for years to come. This policy ensures that all new neighborhoods will be evaluated to retain forest values and required to replant trees.



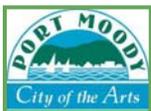
## INTRODUCTION

### Sustainability

Canadians are among the highest per capita users of energy and producers of waste in the modern world. It is becoming very clear that the earth has a finite supply of resources and our long term quality of life is dependant on our ability to mitigate consumption and impact on the global ecosystem.

Port Moody is involved in a number of initiatives to promote sustainable living. The city provides a “blue box” recycling system for single and multi family dwellings, as well as yard waste collection and backyard composting programs. In the past 30 years Port Moody has achieved a 16% reduction in solid waste through this program.

Energy production and use is a major source of greenhouse gases and thus, energy conservation is a priority. Currently Port Moody has a Community Energy Planning Policy that promotes energy efficiency and Green House Gas (GHG) reduction, and the city is developing an energy plan for the future.



## Suter Brook Background

### Environment

Suter Brook Development is a community that has been designed with the protection of the natural environment in mind. It is a nine hectare area that is focused around the salmon bearing Suter Brook stream and adjacent to Port Moody's Shoreline Park.

The community has been planned in such a way that the ecological integrity of Suter Brook stream and its associated wooded area are maintained. A greenway has been created alongside the stream to retain the native vegetation and ensure that Suter Brook stream provides quality fish and wildlife habitat for years to come. At the south end of the greenway, salmon rearing ponds and spawning channels have been constructed. By ensuring that the protected greenway is respected and not disturbed we are allowing the sensitive area to remain healthy and protect the stream and provide habitat for species at risk, such as the Red-legged frog.

Local streamkeeper groups, the Port Moody Ecological Society, Noons Creek and Mossom Creek Hatchery, have been stocking Suter Brook annually with juvenile chum and coho salmon in an effort to ensure that a healthy fish populations continue to return to the brook each year. The groups have been successful in returning fish populations to their historic levels.

The Suter Brook community was designed using Port Moody Naturescape guidelines, planting native plants wherever possible. This has improved the potential for wildlife inhabiting the site as well as reducing the potential risk of non-native invasive species. Extensive use of *green roofs* have also been utilized throughout the design.

Providing a variety of transportation options for Suter Brook community was very important in the design of the development. Residents are within walking distance of bus stops allowing easy access to the public transit system. A network of paths and wide sidewalks coupled with convenient local amenities have also been used to foster a less car dependant community. Bicycle parking is very accessible throughout the community all in an effort to reduce resident's dependence on their cars.

## INTRODUCTION

### Sustainability

The Suter Brook development has been built according to a sustainability plan, as reviewed and approved by the City of Port Moody. This compact community incorporates many features that lessen our ecological footprint on the earth. There are sustainability goals and specific measures under nine topics: energy, site planning, transportation, environmental protection, water, indoor air quality, materials, waste management and education.



## Suter Brook is one of few urban streams in the Lower Mainland that still provides viable salmon habitat.

The Suter Brook Greenway is the focus and greatest asset of the surrounding community. Great efforts were taken during the development of the Suter Brook community to protect and enhance this sensitive habitat. Once regulatory requirements have been satisfied, the title to the greenway will be transferred to the City of Port Moody as parkland.

Onni's future dedication and enhancement of Suter Brook ensures its legacy as both a diverse environmental reserve and a natural amenity for both local residents and future residents to enjoy and protect.

### SUTER BROOK

The Suter Brook Greenway consists of second and third growth riparian forest. It provides habitat for a variety of wildlife including many small mammals, reptiles and amphibians, as well as black bear, coyotes and deer. Songbirds and waterfowl can also be found in the Suter Brook habitat.

Suter Brook and its surrounding wooded area provide valuable habitat to resident rainbow and cutthroat trout, as well as all life stages of coho and chum salmon. Juvenile salmon are released into the stream annually by local stewardship groups. To protect the Suter Brook Greenway, residents are asked to please:

- Refrain from entering the Suter Brook Greenway;
- Leash your dog while using adjacent pedestrian pathways;
- Keep cats indoors; and
- Do not dispose of waste materials, including garden waste, into the Suter Brook Greenway.

### STORM WATER SYSTEM

Impervious surfaces (e.g. rooftops, roads and sidewalks) increase the risk of pollutants washing into sensitive habitats. Spills must be cleaned from impervious surfaces to prevent the release of pollutants into Suter Brook. In Port Moody, it is illegal to:

- Release any prohibited pollutants into a stream or drainage system (e.g. drains, sewers and catch basins); and
- Use or apply pesticides on, in, under or upon lands within the city.

Common household pollutants prohibited from release into Port Moody streams and drainage systems include:

- Pesticides and fertilizers;
  - Soaps and chlorinated water; and
  - Paints, chemicals and waste oil.
- Even tap water can be harmful to fish and other aquatic animals because of the chlorine content.

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- [Port Moody Stream and Drainage System Protection Bylaw](#)
- [Port Moody Pesticide Use Control Bylaw](#)
- [Fisheries and Oceans Canada](#)

### STREAMS AND FISH CONTACTS

**Port Moody Ecological Society** 604-469-9106

#### City of Port Moody

Environmental Services Dept. 604 469-4570

Environmental Services Dept. (after hours) 604 461-3456

#### Fish Kills or Destruction of Fish Habitat

DFO 24- hour Hotline 1-800-465-4336

### SUTER BROOK HABITAT ENHANCEMENT

In an effort to preserve and enhance Suter Brook, agreements were completed to designate a greenway buffer adjacent to the stream. The greenway acts to protect the sensitive riparian habitat, which directly influences and provides important fish and amphibian habitat. Red-legged frogs, a BC species at risk, are known to use ponds in the Suter Brook greenway as breeding habitat. Suter Brook's vegetated riparian area works to:

- Build and stabilize stream banks and channels;
- Cools water through shade;
- Provides shelter for fish; and
- Provides a source of food for fish through falling leaves and insects.

In addition to the greenway riparian buffer incorporated in the Suter Brook community development, a variety of in-stream enhancements have been implemented. Stream enhancement works throughout the Suter Brook Greenway include:

- The development of a spawning/rearing channel and off-channel habitat;
- The placement of spawning gravel and habitat complexing for fish cover in the main channel; and
- Riparian revegetation and augmentation to restore natural ecosystems.

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- [Port Moody Ecological Society](#)
- [Burke Mountain Naturalists](#)
- [Mossom Creek Hatchery](#)

*Brochures about these groups are available in the Port Moody library.*

## PORT MOODY PROHIBITS THE USE OF PESTICIDES AND HERBICIDES.

A healthy and natural yard is important to the environment and our lifestyle. Choosing the appropriate plants for your lawn and garden, and properly maintaining them can: improve water quality, provide habitat for local wildlife, and create a safe and healthy area for recreation. The landscaping in the Suter Brook development uses many native plants



Fines for non-compliance are \$100 for a first offence, \$200 for a second offence, and \$300 for a third offence.



### GROW NATURALLY

- Native plants require less maintenance. Plants native to the region are adapted to the local environment and therefore require less care.
- Native plants are less susceptible to disease and pests. They have evolved with local insects and plants, developing defenses that allow them to coexist.
- Native plants are better suited to meet the needs of local wildlife.



### NATIVE TREE RETENTION

Native trees are essential to a healthy urban environment. Native trees:

- Provide food and shelter for birds and other wildlife;
- Stabilize and protect the soil;
- Clean the air;
- Reduce noise; and
- Absorb greenhouse gas.



### TIPS FOR A HEALTHY NATURAL YARD

- *Use composted material in your garden.* By applying compost to your garden you reduce the need for fertilizers and pesticides that can harm the local waterways.
- *Leave grass clippings on your lawn after mowing.* This will help to mitigate evaporation, reducing the amount of water your lawn will need, as well as providing nutrients.
- *Water your lawn once a week and only when it requires it.* Your lawn only requires 2.5 cm of water per week. Over-watering inhibits the development of your lawn making it more susceptible to drought and disease as well as stressing our limited water reservoirs.



- [Port Moody Tree Retention Bylaw](#)
- [Saving Native Trees in the Pacific Northwest](#)
- [Port Moody's Pesticide Bylaw](#)





### VEGETATION CONTACTS

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#### PESTICIDE DISPOSAL

RCBC Recycling Hotline 604-732-9253

#### NATURAL YARD CARE

BC Landscape and Nursery Association 604-574-7772  
[www.gardenwise.bc.ca](http://www.gardenwise.bc.ca)

Regional Compost Hotline 604-736-2250  
[www.cityfarmer.org](http://www.cityfarmer.org)

Evergreen 604-689-0766  
[www.evergreen.ca](http://www.evergreen.ca)

Naturescape British Columbia 1-800-387-9853 ext. 5

## PESTICIDES KILL THOUSANDS OF BIRDS A YEAR

Port Moody is home to over 125 different species of birds. Shoreline Park has become a favorite destination for bird watchers offering the opportunity to see herons, eagles, osprey, and various types of waterfowl and song birds. Rocky Point Park provides one of the few sites in the lower mainland for Purple Martins, a species at risk. To ensure that Port Moody remains a friendly place for birds, we must be aware of our potential impacts upon them and adjust our habits accordingly.



### BIRD COLLISIONS

Windows pose a serious threat to birds. Experts have estimated that over 100 million birds die as a direct result of hitting glass in the US alone. During the day, the reflective and transparent characteristics of windows trick birds into thinking windows are a clear passage. Birds migrating at night are strongly attracted to sources of artificial light particularly during periods of fog or inclement weather and tend towards brightly lit windows.

#### Collision Prevention:

- Be sure to close blinds at night.
- Hang ribbons or other material in strips no more than five centimeters apart on the outside of windows for the full width of the glass. Wind chimes are also effective.
- Make sure your bird feeders and other attractants (birdbaths, nutritious vegetation) are less than a half meter from any window. If the attractant is very close to the house, most of the time the bird cannot build up enough momentum to injure itself should it hit the window.



Suter Brook is designed to minimize light pollution and reduce the risk of bird collisions.



### PETS

Improperly supervised dogs and cats can be very disruptive to birds and their nests. Pets hunt and chase instinctively. A dog chasing a duck might be seen as healthy exercise for your pet but is highly stressful to the bird being pursued.

Keeping your dog on a leash and your cat indoors is a proactive way to ensure the well being of Port Moody's bird populations. Indoor cats are healthier and live longer. The SPCA now recommends that cats be kept indoors at all times.



- [Hinterland's who's who: Pesticides and Wild Birds](#)
- [Port Moody's Pesticide Bylaw](#)
- [Fatal Light Awareness Program](#)



### PESTICIDES

More than 30 registered pesticides in Canada are documented as being poisonous to birds - most of which are insecticides. Birds can contact the pesticides by ingesting contaminated foods such as a recently sprayed insects or by absorption through their feet. Port Moody's Pesticide Bylaw makes it illegal to apply cosmetic pesticides.



### MIGRATORY BIRDS CONTACTS

#### City of Port Moody

Environmental Service Department 604-469-4572

By-Law Enforcement Department 604-469-4541

**BC Recycling Hotline** (pesticide disposal) 604-732-9253



Suter Brook is designed to minimize light pollution and reduce the risk of bird collisions.

## HUNTING AND CHASING IS INSTINCTIVE FOR OUR CATS AND DOGS. IF NOT PROPERLY CARED FOR, OUR PETS CAN HAVE SERIOUS IMPACTS ON NATIVE WILDLIFE.

Having pets can be important in leading a healthy and active life, however it is important that we care for our pets responsibly to mitigate their impact on the environment.

Port Moody is home to a number of different types of wildlife including migratory birds. By allowing our pets to chase and hunt wildlife, we are stressing and in some cases directly killing native wildlife.

Domestic animals can be a source of pollution in our environment. Pollution can occur in the form of dog faeces or noise from barking. Cleaning up after our pets and keeping them stimulated and well exercised will reduce impacts to the environment.



### TIPS FOR REDUCING THE IMPACT OF YOUR PETS

- *Put bells on your cat* - a bell will serve to give warning to potential prey.
- *Keep your cat on your property and confined at night* - cats are most active at night and most likely to hunt wildlife at this time
- *Spay or neuter your pet* - There are already more pet's than homes for them in Canada. Desexing your pet reduces the number of unwanted litters.
- *Carry a 'pooper scooper'* or plastic bag to collect your pets waste.
- *Properly dispose of pet waste* by flushing it down the toilet or putting it in the trash
- Take your dog for a run in designated off-leash areas.
- Ensure that your dogs stay out of Salmon-bearing streams.



Improperly disposed animal faeces risks contaminating streams and aquatic habitat—when walking your pet bring along a 'pooper scooper' or plastic bag



### PORT MOODY DOG AND CAT RULES

- All dogs over the age of six months must be licenced.
- All dogs must be leashed when off the property of their owner. There are currently three off-leash areas and one dog run area in Port Moody where dogs can be walked off leash. The closest off-leash area to Suter Brook is located near Rocky Point Park, adjacent to Slaughterhouse Creek.
- All dog owners and or handlers are required to pick up any and all dog feces deposited by their dog, on any property other than their owner's property.
- Every owner of a cat over the age of six months old must ensure that the cat is spayed or neutered.
- Every owner of a cat must ensure that the cat, if it is unspayed or unneutered, is not permitted to run at large within the City.



- [Port Moody Dog License Application Form](#)
- [Port Moody off-leash Dog Areas](#)
- [Port Moody Pound By-Law 1050-C](#)

**PETS AND THE ENVIRONMENT CONTACTS****City of Port Moody**

By-Law Enforcement Department 604-469-4541

**PORT MOODY DOG FINES****Unlicensed Dog**

First Offence	\$100
Second Offence	\$200
Third Offence	\$300

**Dog at Large**

First Offence	\$100
Second Offence	\$200
Third Offence	\$300

**Dog Excrement Violation**

First Offence	\$100
Second Offence	\$200
Third Offence	\$300

**Trespass on Private Property**

First Offence	\$100
Second Offence	\$200
Third Offence	\$300

**Vicious Dog—Not Confined** \$200**Vicious Dog—Not Muzzled** \$200

## ABOUT 900 BLACK BEARS ARE KILLED EACH YEAR IN BC BECAUSE THEY COME INTO COMMUNITIES LOOKING FOR FOOD.

Port Moody is a community which borders upon natural bear habitat. To ensure that bears are not entering our community we must manage the things that attract bears.

### ATTRACTANTS

- *Garbage* - should be stored indoors, in a garage or basement. Conditioned bears will damage weaker structures to get garbage. Take garbage to the dump regularly. If you have collection service, set the garbage out on the day of collection.
- *Compost* - is a great way to keep solid waste and soil nutrients out of our landfills, but it can attract bears. Compost should not smell; if it does then something is wrong. If your compost has attracted bears in the past, it likely will again in the future. Try composting kitchen waste indoors using worms. If you have a garden/orchard enclosure put your compost inside the fence.
- *Bird Feeders* - also attract bears, especially in the spring. Seeds are high in calories and a very good source of energy. While feeding birds can help them survive through the winter and off-sets habitat loss, we have to balance the good we do one species with the harm we cause to another. Bears can climb to reach nearly any feeder. If yours is suspended by a metal pole, bears have been known to simply push the pole over. A feeder high up on the side of the house is likely safe from bears. Don't let seeds accumulate under your feeder or you will attract rats. Put out your feeders after the first snowfall, once the bears are safely in their winter dens, and take them down when spring arrives.
- *Barbeques* - attract bears too, but this is easily remedied by burning off all excess residue after cooking and keeping the grill clean. Leave the barbecue on high with the lid closed while you eat your supper. Cover it with a tarp or a cover once it has cooled to prevent the food odours from being carried by the wind. This will also help to keep it looking new.

### HOW TO DEAL WITH A BEAR

- Remain calm: don't panic;
- Keep away from the bear and bring pets and children inside;
- Never approach a bear and do not run from it;
- Warn others of the bear's presence without yelling;
- Once the bear has left, check to see that there are no attractants around.

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- **BEAR AWARE** - [www.bearaware.bc.ca](http://www.bearaware.bc.ca)

**TO REPORT A BEAR CONTACT:****BC Ministry of Environment**

Conservation Officer Services

1-877-952-7277

**Port Moody Police**

604-461-3456

**City of Port Moody**

Environmental Service Department

604-469-4572

## RECYCLING ONE GLASS JAR SAVES ENOUGH ENERGY TO POWER A LIGHT BULB FOR FOUR HOURS

The separation and collection of materials for processing and re-manufacturing into new products as an environmentally friendly option available to all Port Moody residents. It significantly reduces contribution to landfills resulting in less pollution. The Suter Brook community uses labeled totes to separate recyclable materials.



### RECYCLING FACTS

- Glass can be recycled endlessly;
- Every ton of recycled paper saves 17 forty-foot Douglas Fir trees
- Thirty-six recycled plastic bottles can make one square yard of carpet
- Making aluminum from recycled cans uses 95% less energy;
- In the process of manufacturing recycled paper, 74% less air pollution is generated compared to virgin fibre manufacturing;
- Recycling one tonne of newspaper saves three cubic metres of landfill and 29,000 litres of water.



### RECYCLING TIPS

- Reduce, Reuse, & Recycle - Reducing consumption can prevent waste before it is created. Reusing materials finds new purposes for objects and materials that have outgrown their original use;
- Reorganize the kitchen so it has an efficient recycling area with good sized bins to help with sorting and holding;
- After children's drawings and paintings have been displayed they can be used to wrap presents;
- Toilet roll centres can be recycled - they're made of cardboard;
- Use cloths to mop up spills, not paper towels.



Suter Brook development is equipped with a convenient location for sorting and storing recyclables.



- [2006 & 2007 City of Port Moody Recycling & Garbage Schedule](#)
- [City of Port Moody Garbage and Recycling Webpage GVRD Residential Recycling Contacts and Locations](#)
- [Recycling Council of BC](#)

**RECYCLING CONTACTS**

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**City of Port Moody**

Engineering, Parks and Operations 604-469-4537

**For Blue Box or Bag replacement:**

International Paper Industries 604-520-3157

**Recycling Council of British Columbia**

RCBC Recycling Hotline 604-732-9253

## TEN SECONDS OF IDLING USES MORE FUEL THAN RESTARTING YOUR ENGINE.

How we move around the community has a direct impact upon our quality of life and the natural environment. It is important to understand the transportation options available to us and their resulting impacts to make sound transportation decisions.

The costs of poor transportation decisions can be seen in traffic congestion, inflating transportation costs, high stress levels, and increasing greenhouse gas production. By choosing the correct type of transportation for our varying needs, we can mitigate, and in some cases completely absolve, many of these negative transportation results.

Suter Brook community is conveniently situated close to a number of transportation options including: the West Coast Express, local bus lines, biking and walking trails, and the future Translink Evergreen Line.



**Cyclist Crossing CPR Overpass** - Suter Brook is equipped with indoor and outdoor bike racks for convenient bike access.

### TRANSPORTATION FACTS

- The transportation sector is the single largest source of greenhouse gas emissions in Canada, and emissions from vehicles are growing faster than any other sector
- One busload of passengers takes 40 vehicles off the road during rush hour, saves 70,000 litres of fuel and avoids over 175 tonnes of emissions a year.
- If everyone who drives a car (or light truck) in Canada avoided idling for just five minutes, we would prevent more than 4,500 tonnes of carbon dioxide from entering the atmosphere.

### TRANSPORTATION TIPS

- Plan your trip, try to combine several errands in one outing, and plan your route to avoid heavy traffic areas, road construction, hilly terrain, etc. With a little organization, you can group your "town tasks" into fewer trips, saving you time and fuel expense.
- Drive less, by walking to some nearby destinations. It's good for your health and the environment. Approximately 50% of car use is for trips within 3 miles of the home. This distance is within the range for easy biking, so it makes sense to try to use your bike for some of these short hops. You'll be saving fuel and reducing pollution, and you can also save on trips to the gym with this added exercise.
- Avoid aggressive driving. "Jack-rabbit" starts and hard braking can increase fuel consumption by as much as 40%.
- Use your air conditioner sparingly. Using a vehicle's air conditioner on a hot summer day can increase fuel consumption by more than 20% in city driving.

### TRANSPORTATION CONTACTS

#### Translink

Customer Information	604-953-3333
Comments / Complaints	604-953-3040
Lost Property	604-682-7887
Security and Law Enforcement	604-515-8300

#### West Coast Express

Customer Service	604-488-8906
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- [Port Moody Park and Trail Guide](#)
- [Port Moody Cycling Map](#)
- [Port Moody Pedestrian Map](#)
- [Translink Transit Schedule](#)
- [Jack Bell Ride Share Program](#)
- [Co-operative Auto Network \(CAN\)](#)
- [Better Environmentally Sound Transportation \(BEST\)](#)

## THE AVERAGE HOME ACTUALLY CAUSES MORE AIR POLLUTION THAN THE AVERAGE CAR.

Reducing the energy consumption within our homes has measurable benefits for the natural environment as well as our pocketbooks. Making a few adjustments in our homes can save us money and mitigate our impact on the environment. The following page provides some useful information on energy conservation in Port Moody.

### APPLIANCES

Appliances are responsible for a major portion of the energy consumption within our homes; the refrigerator often being the largest consumer. There are a number of choices we can make when buying and using our appliances that can greatly reduce our electricity bills and impact on the environment.

- When buying new appliances look for the *Energy Star* logo. These appliances are significantly more efficient than comparable models.
- Installing a ceiling fan in the largest room of your house will allow you to lower the setting on your air conditioner three to six degrees, which will save up to 25% of energy costs of home cooling.
- Match water level and temperature settings on your washer to the size of your load. Don't fill the whole tub for a few items.

### TIPS FOR CONSERVING ENERGY

- *Use Compact Fluorescent Lamps (CFL's) in place of incandescent bulbs.* Incandescent bulbs use only 10% of the energy consumed to produce light. CFLs use less energy, last longer and will save you money.
- *Turn off your computer when it is not in use.* The misconception that turning your computer 'on and off' uses more energy and is bad for your unit, stems from the days of Main Frame computers. Turning off your computer when not in use conserves energy and saves you money.
- *Take short showers rather than baths.* A shower using a low flow head rather than a bath, can reduce hot water consumption by half.
- *Use your programmable thermostat.* Appropriately setting your thermostat is one of the most effective ways to reduce your home energy bills.

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#### BC Hydro Suggested Thermostat Settings:

Sitting, reading or watching TV	21 °C
Working around the house	20 °C
Sleeping	16 °C
No one is home	16 °C



Lighting fixtures with energy efficient compact fluorescent lamps (cfls) have been used throughout Suter Brook.

## ENERGY EFFICIENCY AND AIR QUALITY CONTACTS

**BC Hydro**

General Inquiries	604-224-9376
Emergencies and Power Outages	1 888 POWERON (1 888 769-3766)
Power Smart	604-431-9463

**Terasen Gas**

Customer Service	1 888 224-2710
Emergency Line	1 800 663-9911



- [Terasen Gas - Hot Tips Booklet](#)
- [BC Hydro Power Smart](#)

## WATER CONSERVATION

## GREATER VANCOUVER USES OVER ONE BILLION LITRES OF WATER A DAY. DURING PERIODS OF PEAK DEMAND, THIS AMOUNT HAS EXCEED TWO BILLION LITRES

Port Moody's water is supplied through the GVRD's water system. This system draws water from three different watersheds - the Capilano, Seymour and Coquitlam. During peak flow periods (the summer), demand for tap water exceeds the storage capacity of these watersheds. It is important that we use our water wisely to ensure there is an adequate supply and to postpone the need for a costly and environmentally disruptive expansion to the system.

### LAWN WATERING RESTRICTIONS

The GVRD restricts lawn watering for the summer months in Port Moody. This restriction serves to manage the demand for drinking water during the dry summer season.

**Lawn sprinkling restrictions are in effect:**  
between June 1st + Sept. 30th

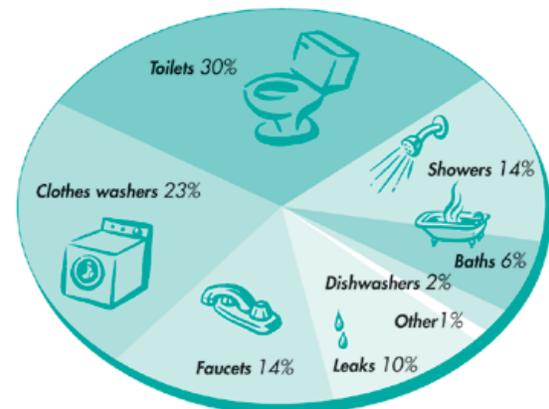
**Sprinkling is allowed:**  
4 to 9 A.M. and 7 to 10 P.M.  
Even-numbered addresses: Wednesdays and Saturdays  
Odd-numbered addresses: Thursdays and Sundays

### WATER CONSERVATION TIPS

- Using a low flow shower head can save up to 140 L for a 15 minute shower.
- By turning off the water when shaving and brushing your teeth you can save up to 12 litres of water per minute.
- Fix leaking faucets and toilets.
- When washing clothes, choose the correct water level for the size of your load.
- Water your lawn during the cooler parts of the day and less will be lost to evaporation.
- During the summer, make sure your lawn gets no more than 2.5 cm of water (including rainfall) per week to keep it healthy.
- Resist using garburetors as they require excess water and energy. They also add load to the wastewater treatment plants.



Ensure you are watering only your lawn and not adjacent driveways or roads. Grass only requires 2.5 cm of water per week.



Estimated Water Use in the home.  
(Source: American Water Works Association)

### WATER CONSERVATION CONTACTS

#### City of Port Moody

Environmental Service Department	604-469-4572
By-Law Enforcement Department	604-469-4541

#### Greater Vancouver Regional District

Customer Service	1 888 224-2710
Emergency Line	1 800 663-9911



All toilets installed in Suter Brook meet the stringent BC water efficiency standards

**i**

- [GVRD: Choices for wiser living](#)
- [GVRD: Water Conservation Website](#)
- [GVRD: Lawn Sprinkling Regulations Brochure](#)

**IN THE EVENT OF AND ENVIRONMENTAL EMERGENCY, YOU SHOULD CONTACT ONE OF THE FOLLOWING NUMBERS:**

**CONTACTS**

**City of Port Moody**

Environmental Services Dept. 604 469-4570  
604 461-3456 (after hours)

**Fish Kills or Destruction of Fish Habitat**

DFO 24 hour Hotline 1-800-465-4336

**Hazardous Spills  
(chemical or oil spills discharged to the storm drain or watercourses)**

Environment Canada 24 hour Hotline 604 666-6100  
MOE (Provincial Emergency Program) 1-800-663-3456  
DFO 24 hour Hotline 1-800-465-4336  
Coast Guard Marine Pollution Incident Alert 604 666-6011

**Extreme Erosion, Sedimentation or Flooding**

MOE (Provincial Emergency Program) 1-800-663-3456

**Dirty or Turbid Water, Minor Erosion or Sedimentation**

Environmental Services Dept. 604 469-4570

