

To All Malcolm Island Residents:

Starting Tuesday January 11, 2011, a road side garbage collection service will commence for Malcolm Island with collection days occurring every second Tuesday. The planned transfer station/recycling depot's construction is scheduled for completion in February 2011 so keep your eyes posted for further news. This information package is designed to get you on the right track so you can fully benefit from this new service.

Without further delay, here is the new Malcolm Island Solid Waste Management Local Service.

What can be put out for roadside collection?

The new service allows a household to put out two "Standard Garbage Containers" every two weeks. So what is a "Standard Garbage Container" (or SGC for short)? A SGC is a container that has a volume of 100 liters or less and must not weigh more than 22.7 kg or 50 lbs. While not mandatory, past experience recommends that household attach the lid to the lower portion of the container, you will appreciate this precaution on windy days. Another good practice is to clearly write your address on the SGC so friends can return your container from their front lawn on those blustery days. Finally Malcolm Island rarely has bears but you do have dogs and ravens so to avoid having to pick up scattered garbage, make sure your SGC has a secure lid, you will not regret it.

What can not be put out in your garbage?

The Regional District's waste bylaws have been established to encourage diversion by banning the following materials from regular garbage being buried at 7 Mile Landfill and Recycling Center:

- Cardboard
- Animal carcasses
- Hazardous Waste
- Appliances containing CFCs
- Items which have a provincial Product Stewardship Program

The operator of the collection truck servicing your community will be looking for these banned materials and if found in a container, it will be left unemptied with a tag attached explaining to the property owner what has occurred. Refusal to collect loads containing banned materials protects the garbage collector and the residents of Malcolm Island from expensive disciplinary tipping fees. When a household needs to dispose of these materials, the following practices are strongly recommended:

Cardboard should be taken to the Malcolm Island Recycling Depot (MIRD) which is scheduled to be open by February 2011. In the interim, the Sointula volunteer recycling group will continue to serve the island's residents which is much appreciated by all. Like all recyclables, no tipping fee will be charged for clean cardboard.

Similar to cardboard, **appliances containing CFCs** should be disposed of at the MIRD for proper handling with no charge assessed. CFCs are found in appliances such as refrigerators, air conditioners, freezers, etc. Care in handling these items is due to the fear that the CFCs will be released into the atmosphere where their impact on global warming is 1000 times greater than CO₂. Some CFCs are also powerful disruptors of the protective ozone layer which filters out the sun's ultra violet radiation (UVR). Holes in the ozone layer are associated with higher likelihood of skin cancer and other serious health problems.

When dealing with **animal carcasses**, special care must be taken. When a family's pet is euthanized by an injection, the body becomes highly toxic if consumed by wildlife. There are numerous incidents of bears, foxes, eagles, etc being killed after a pet's body has been dug up by scavengers. If a household wishes to retain the body of a beloved pet, the grave needs to be approximately 6 feet deep to prevent wildlife from retrieving the body. While 7 Mile Landfill and Recycling Center has been very successful in keeping bears out of the garbage, numerous bird species including eagles can access the landfill when it is closed and unattended. To protect the environment, special care is taken with animal bodies so they must not be placed in the normal garbage stream. Please contact the Regional District Office for guidance on this matter.

Provincial Product Stewardship Programs encompass a wide variety of materials whose diversity expands almost every year. The following list is a brief summary of these materials:

<ul style="list-style-type: none"> • Electronics 	<ul style="list-style-type: none"> • Mercury containing devices 	<ul style="list-style-type: none"> • Unused medications
<ul style="list-style-type: none"> • Batteries 	<ul style="list-style-type: none"> • Oil (includes jugs, filters, rags, etc) 	<ul style="list-style-type: none"> • Small appliances
<ul style="list-style-type: none"> • Household pesticides 	<ul style="list-style-type: none"> • Tires under 16" 	<ul style="list-style-type: none"> • Household herbicides
<ul style="list-style-type: none"> • Household Paint containers (both full and empty) including aerosol cans. 	<p>Household flammables including paint thinners, solvents, camp fuels, liquid adhesives.</p> <p>ie. Flammables or solvents that have the flame symbol or wording similar to “keep away from open spark or flame”</p>	

The MIRD will take these items at no cost and will process them properly. When dealing with the various materials in the list above certain precautions are mandatory. Items in the form of powders and liquids must be dropped off in their original packages. A Mason jar full of a clear liquid could contain gasoline or concentrated sulphuric acid. Each requires its own special handling practices. Likewise broken mercury devices and televisions pose their own unique environmental and health risks. It should also be mentioned that where an item is described as “household”, commercial or industrial forms of this material are not covered by the Provincial Product Care Program and separate processing is necessary. When in doubt, contact the MIRD attendant or the Regional District Office (250) 956-3301.

The final category of materials that cannot be placed in the regular garbage is **Hazardous Waste**. Thankfully these materials seldom enter the premises of homes and businesses but occasionally residues of past practices can cause problems. The most typical examples of this situation are asbestos and contaminated soils. While 7 Mile Landfill and Recycling Center has a special permit allowing it to process these materials, special handling procedures are

mandatory and it essential that skilled professionals be hired in their removal. If it is suspected that some form of hazardous waste needs to be disposed of, contact the Regional District Office at (250) 956-3301 and we can direct you to expert help. Do not try to place these materials in the regular garbage as it risks you, solid waste workers and the environment.

What about times when two Standard Garbage Containers (SGCs) is not enough?

Malcolm Islanders have under taken to keep their garbage generation at the lowest levels within the Regional District, a commitment matched only by the residents of Alert Bay. This commitment is shown by the limit of two SGCs every two weeks. The benefits of this policy are lower service fees and less strain on the solid waste system but what happens on those occasions where the garbage from the previous two weeks has been greater than normal and two SGCs is not enough? Likewise some businesses may normally generate greater waste than the normal household. The new service has several options to address this challenge.

The first option mostly applies to households who occasionally generate extra waste. Often a review of what has gone in the garbage will show that many of items could be recycled for free at the MIRD. In the unlikely situation that this does not solve the problem, an extra garbage tag can be purchased from the MIRD, the garbage collector or the Regional District Office and other outlets are being considered. The yellow tags have an adhesive backing and are easy to use. The next option applies mostly to commercial or industrial entities whose operations on a regular basis exceed the two SGC limit. A three yard bin can be rented and serviced for \$99.92 a month with an initial one time \$50 deliver fee. Those opting for the 3 yard bin under take a three month commitment reviewed quarterly so seasonal needs can be managed. Like the regular road side collection service, these bins are serviced once every two weeks.

Finally, the amount of waste that a household generates can be reduced through backyard composting of vegetable matter. Composting should be considered as the ideal means of handling organics as much as possible for the following reasons:

- It reduces the amount of garbage at the roadside
- It provides nutrients for gardens
- It reduces the amount of methane generated at the landfill. (Methane is 20-100 times more powerful at heating up the atmosphere than CO2)
- It reduces the potency of the leachate generated at the landfill which then must be treated

There are various means of doing this ancient practice from purchasing a composter from a store or the Regional District to building your own structure. Likewise the internet or knowledgeable neighbours can be a wealth of information regarding best practices that will minimize some challenges like wildlife problems. Malcolm Island is particularly fortunate when it comes to composting as bears are seldom an issue. If you have any questions, please contact the Regional District Office at (250) 956-3301.

Do all properties have the same type of garbage service?

For the vast majority of households and businesses on Malcolm Island, the level of service will be identical, roadside collection every second Tuesday (barring unusual circumstances) and use of the Malcolm Island Transfer Station/Recycling Depot during manned hours. For a small number of properties, logistical challenges require an altered level of service. The following table shows who will be impacted and what they must do in regards to garbage handling:

Location	Alternative Garbage Disposal Procedure
Pulteney Pt	52 Garbage Tags will be issued to properties located at Pulteney Point for disposal of garbage at the Malcolm Island Transfer Station/Recycling Depot.
50 Turner Rd	52 Garbage Tags will be issued to the property located at 50 Turner Road for disposal of garbage at the Malcolm Island Transfer Station/Recycling Depot.
6 TH Ave between 1 st and 2 nd Streets	Take garbage to nearest Street on designated collection day.
7 TH Ave between 1 st and 2 nd Streets	Take garbage to nearest Street on designated collection day.
All properties on Kallio Rd	Take garbage to nearest Street on designated collection day.
All properties on Pinkys Rd	Take garbage to Bere Road on designated collection day.
ALL PROPERTIES ON HILLSIDE RD	Take garbage to 1 st Street on designated collection day.

ALL PROPERTIES ON HAMILL RD	Take garbage to Mitchell Bay Road on designated collection day.
Folio#: 78513513275 Lot: 16 Block: Plan: VIP74986 Section: Township: District: Coast Range 1 Land District	Take garbage to Mitchell Bay Road on designated collection day.

Maps will be posted on the Regional District web site providing greater detail regarding properties requiring alternative garbage disposal procedures.

What is the Malcolm Island Transfer Station/Recycling Depot (MIRD)?

The MIRD is Malcolm Island’s headquarters for responsible garbage diversion. It has been designed to take all the materials out of the waste stream that currently is being done by 7 Mile Landfill and Recycling Center with opportunities to develop unique programs specific to islanders if sufficient support exists. The following list details what can be diverted at the MIRD over and above what was mentioned in the section detailing banned materials:

<ul style="list-style-type: none"> • Newspaper 	<ul style="list-style-type: none"> • Glossy Paper 	<ul style="list-style-type: none"> • Mixed Paper (ie all other paper items)
<ul style="list-style-type: none"> • Type 2 Translucent Plastic: <ul style="list-style-type: none"> • Milk jugs • Water jugs • Juice jugs • Select pails 	<ul style="list-style-type: none"> • Type 2 Coloured and White Plastic: <ul style="list-style-type: none"> • detergent jugs • shampoo containers • select pails 	<ul style="list-style-type: none"> • All other recyclable plastic
<ul style="list-style-type: none"> • Milk Cartons (gable top) 	<ul style="list-style-type: none"> • Empty Propane Tanks 	<ul style="list-style-type: none"> • Ferrous Metals <ul style="list-style-type: none"> • tin cans • other clean steel & iron
<ul style="list-style-type: none"> • Non-Ferrous Metals <ul style="list-style-type: none"> • aluminum • copper • brass • lead • zinc 	<ul style="list-style-type: none"> • All Returnable Bottles & cans (ie with deposit): <ul style="list-style-type: none"> • glass (eg wine & beer bottles), • tetrapaks (eg Juice containers), • plastic or aluminum beverage containers 	<ul style="list-style-type: none"> • Appliances <ul style="list-style-type: none"> • dryers • dishwashers • ovens • hot water tanks
<ul style="list-style-type: none"> • Compostable Garden waste 		

In addition to recycling, the MIRD allows for the disposal of items too large for normal roadside collection. This service requires those using it to pay a tipping fee to partially cover the cost of hauling the 40 yard bin to 7 Mile Landfill and Recycling Center. It should also be stressed that this service is for households and not commercial enterprises like construction businesses. If a business needs this high volume waste disposal service, they should contact Sointula Power or 4B Enterprises who offer larger bin rental and handling services. The following table documents the MIRD's tipping fee schedule:

TYPE OF WASTE	FEE
Pickup Load	\$20 (level to side walls)
Bulky Waste: Mattresses, furniture, over 16" tires, tires with metal rims and oversized garbage containers	\$10 each

The other service offered is a drop off spot for residents unable to get their garbage out for roadside pickup. This last service should be used as a last resort as it is far better to get household garbage picked up along the roadside as it then gets transported off island on the same day. **For each Standard Garbage Container dropped off at the MIRD, a tipping fee of \$2.00 will be charged.**

All tipping fees will result in a receipt being issued.

How is the garbage collection service paid?

Malcolm Island has been surveyed with all properties with homes and businesses identified. Property owners will receive invoices for \$156 which covers the cost of roadside collection of two Standard Garbage Containers every other week as well as covering most of the costs of operation for the MIRD. Tipping fees and the extra costs for renting the 3 Yard Bin are not covered by the annual \$156 fee.

What are the garbage collection days?

January	February	March	April
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May	June	July	August
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September	October	November	December
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Any other questions?

Please feel free to contact the Regional District of Mount Waddington's office at (250) 956-3301.