

Metro Vancouver: The Zero Waste Challenge

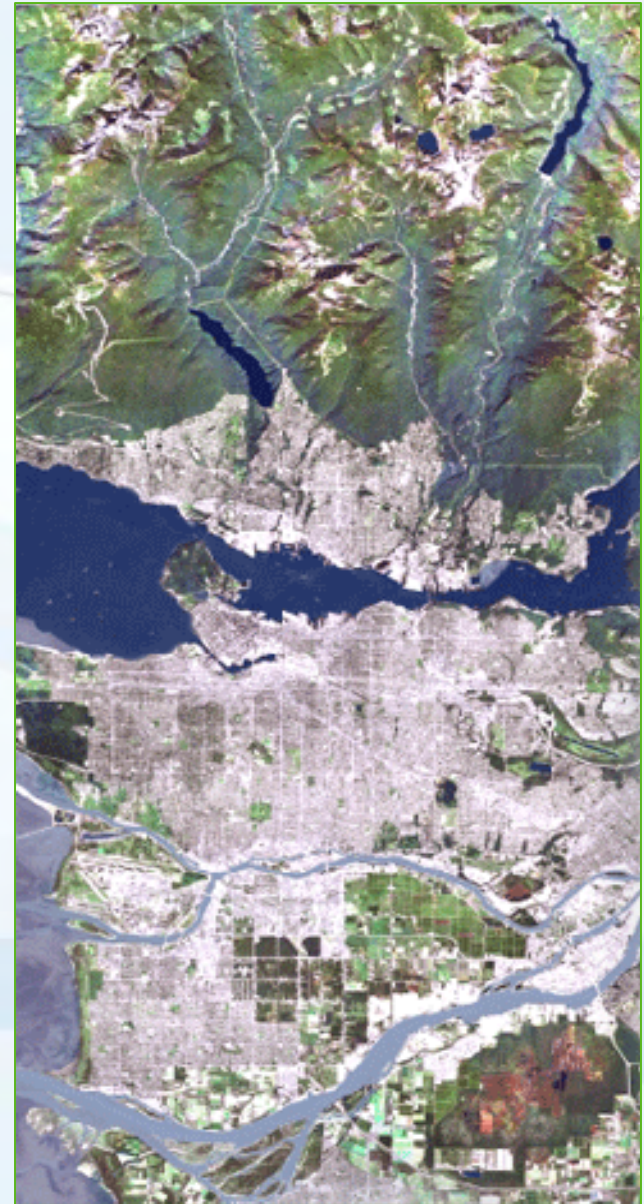
Greg Moore

Chair, Metro Vancouver Waste Management
Committee

Mayor, City of Port Coquitlam

Metro Vancouver

- Canada's only unamalgamated major metropolitan area
- A federation comprising 22 municipalities (including Abbotsford), one First Nation and one electoral area, which vary greatly in size and character
- Created in 1967 but the core utilities (water and sewer) date back to early 20th century



Regional Functions

Greater Vancouver Regional District

- air quality; regional growth strategy; regional parks; 911; electoral area A

Greater Vancouver Sewerage & Draining District

- liquid waste; solid waste and recycling; limited drainage

Greater Vancouver Water District

- water supply

Metro Vancouver Housing Corp.

- affordable housing



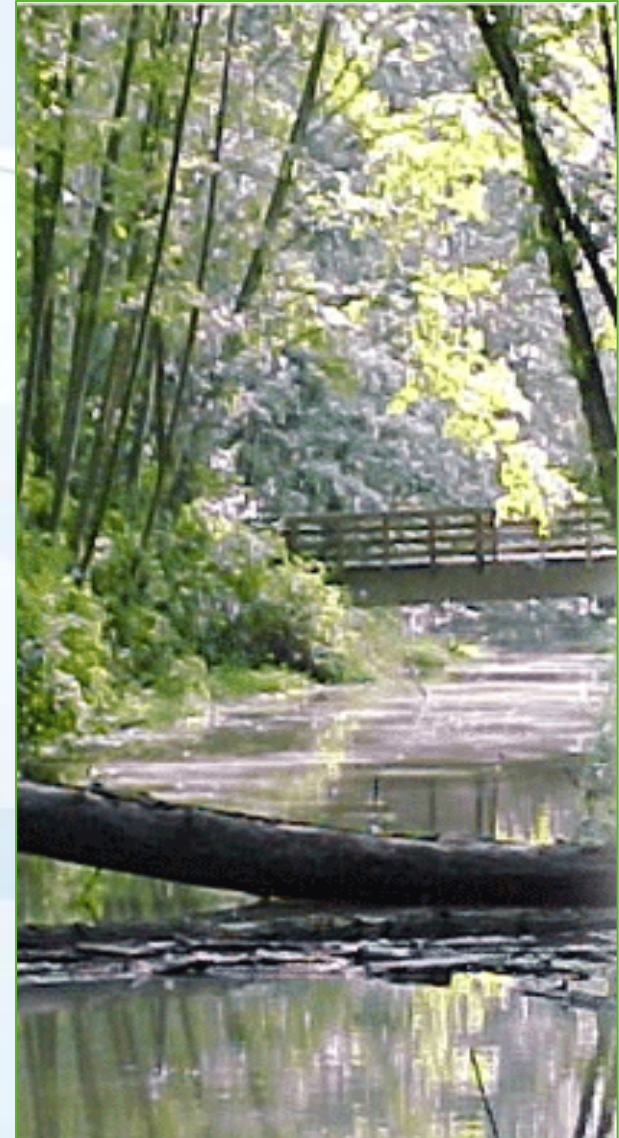
Metro/Municipal System

- One non-hierarchical system of local government – regional role varies with function
- Metro Vancouver provides regional coordination/ leadership, some direct regional services, but mostly services to municipalities
- Municipalities involved through membership on board and standing committees, standing staff advisory committees, various consultation mechanisms



Sustainable Region Initiative (SRI)

- Promote sustainability and role of Metro Vancouver
- Broader engagement with a focus on business sector and local government
- Implement management plans for Growth Management, Solid Waste Management, Liquid Waste Management, Ecological Health, Regional Food Strategy
- Take Corporate Sustainability to a new level
- Sustainability reporting



Past Performance

- 50% diversion goal by 2000 mandated by Province of BC
- Metro Vancouver surpassed 50% in 1998
- Current diversion rate of 55% achieved through:
 - Blue Box Program
 - Greenwaste Collection
 - Extended Producer Responsibility programs:
 - Beverage containers, tires, paint, pesticides, oil and oil filters, pharmaceuticals, solvents, electronics
 - Material Disposal Bans:
 - All Bluebox & EPR materials, gypsum, greenwaste, batteries



Zero Waste Challenge

- Adopted by Metro Vancouver Board in 2006
- Stakeholder workshops and consultation has confirmed:
 - Top priority is to Reduce, Reuse, and Recycle
 - Extensive list of specific actions identified to divert waste from disposal
- Metro Vancouver Board adopted diversion target of 70% by 2015

Zero Waste Challenge

Materials Targeted:

- Organics/Food Waste
- Wood waste
- Paper
- Plastic
- E-Waste and Small Appliances



Zero Waste Challenge Diversion Potential

	<i>Quantity Disposed (tonnes)</i>	<i>Diversion Program</i>	<i>Estimated Capture (tonnes)</i>
<i>Wood Waste</i>	240,000	Modifications to Demolition and Building Permit Process	85,000
		Provide Wood Drop Off Facilities at Transfer Stations/Eco-Centres	70,000
<i>Paper and Paperboard</i>	305,000	Enhanced Disposal Bans	115,000
		Composting	50,000
<i>Food Waste</i>	335,000	Composting	170,000
<i>Plastic Waste</i>	190,000	Expansion of Plastics Recycling	30,000
<i>Yard Waste</i>	85,000	Disposal Bans	60,000
<i>E-Waste and Small Appliances</i>	27,500	EPR - E-Waste	10,000
		EPR - Small Appliances	10,000
<i>Total</i>			600,000

Summer 2009 Zero Waste Challenge Activities

- Stadium Diversion Guidelines
- Parades and Public Events
- Wood Waste – Retail Depot Pilot
- Multi-Family Residences
- Food Waste Composting



Swangard Stadium Stadium and Arena Diversion Guidelines



Parades and Public Events



Home Depot Wood Waste Diversion Pilot



Multi-Residential Solid Waste Diversion Pilot




Do not throw away—batteries are toxic. Find a depot at MetroVancouverRecycles.org or call the RCBC Hotline at 604-732-9253.




Compost uncooked fruit and vegetable scraps, tea bags and coffee grounds, leaves and grass. www.portcoquitlam.ca/greenwaste




Rinse and flatten tins. Clean food off foil and pie plates.

		Big Brother 604-526-2447 Salvation Army 2520 Davies Ave.
	→	London Drugs or Future Shop Coquitlam Centre
		Canadian Tire 3100 Shaughnessy 604-468-6951
	→	The Home Depot 1069 Nicola Dr. 604-468-3360
	→	Coquitlam Transfer Station 1200 United Blvd. 604-521-1715
	→	Happy Stan's 1603 Langan Ave. 604-464-0242

For more recycling information, please visit MetroVancouverRecycles.org or call the RCBC Hotline at 604-732-9253.

Organics Collection



Backyard composting



Food Waste Collection



Curbside Organics Collection

Regional Food Waste Composting



Fraser Richmond Soil & Fibre



Future Initiatives

Eco-Centres

- Move from a few transfer stations to many distributed Eco-Centres
- One-stop drop for all materials



Zero Waste Economy Beyond 70% Diversion

Linear Economy



Resource
Extraction



Production



Distribution



Consumption



Waste
Disposal

Zero Waste Economy

Resource
Recovery



Design for
Environment



Producer
Responsibility



Clean
Production



Informed
Consumers



Distribution





The Proposal

- Share MetroVancouverRecycles.org
- Create 3Rs.ca
- Collaborate on future development
- Develop national social marketing campaigns

MetroVancouverRecycles.org

- Award-winning web application
- Introduced new information technologies to recycling
- Increasing reuse and recycling convenience for residents



Metro Vancouver > Metro Vancouver Recycles



Metro Vancouver Recycles

Our directory of reuse and recycling services is designed to help you answer the question "Where do I take this?" The database contains over 1,300 locations within the Metro Vancouver region to donate, recycle or appropriately dispose of those items you no longer want.

If you find this resource helpful please tell your friends about www.MetroVancouverRecycles.org.



1. Enter your street address (e.g. 4330 Kingsway) or postal code:

Select the city and specify the distance that you are willing to travel:

Burnaby 20 km

2. Select the category and material you wish to dispose of:

-- Category -- * -- Material -- *

- Category --
- Antiques and Collectibles
- Appliances
- Batteries
- Beverage Containers
- Building Materials
- Children and Maternity
- Clothing and Accessories
- Electronics and Computers
- Furniture and Mattresses
- Glass
- Hazardous Materials
- Hobbies / Games / Sports
- House and Home
- Light Bulbs and Tubes
- Medication and Sharps
- Metal
- Oil
- Organics
- Packing Materials
- Paint
- Pallets
- Paper and Cardboard
- Plastic
- Tires

Submit a new Dispose/Reuse Facility

We recommend that if you are donating large items or recycling large volumes, to call first to confirm your needs will be met.
You can also call the Recycling Hotline at 604-RECYCLE (604-732-4253).





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Select the city and specify the distance that you are willing to travel:

Burnaby * **20 km** *

2. Select the category and material you wish to dispose of:

Batteries * **Auto** *


Search

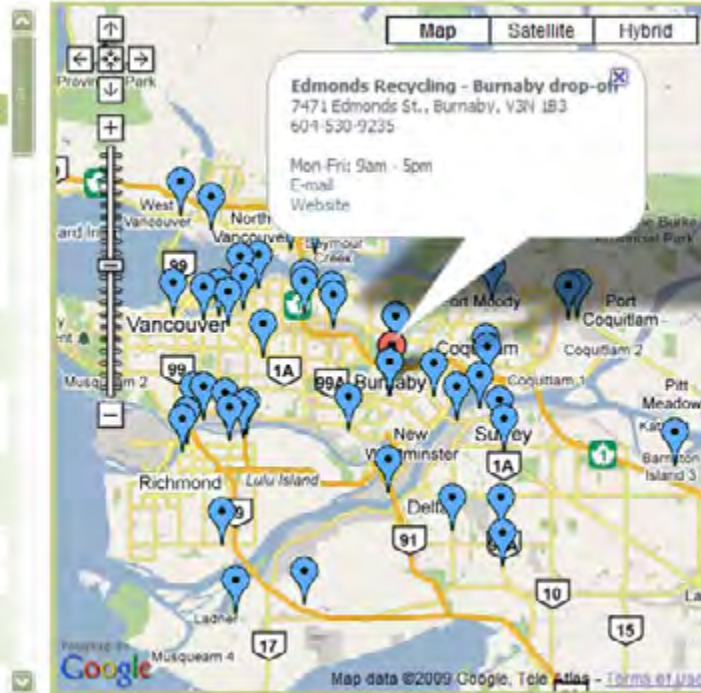
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You searched for locations within 20 km in Burnaby.
Batteries: Auto.

Search returned **46 result(s)**.

Facility	Trip
 Edmonds Recycling - Burnaby drop-off » Batteries (Auto;Rechargeable;Non-rechargeable) Drop off, Pick up Details: Safely handles every type of battery. Pick up services available; fees may apply, call for details.	0.9 km
 Towing Towing » Batteries (Auto) Drop off	2.2 km
 New Westminster Recycling Depot » Batteries (Auto;Non-rechargeable;Rechargeable) Drop off	3.1 km
 Canadian Tire, Burnaby South » Batteries (Auto) Drop off	4.1 km
 Amix Salvage and Sales » Batteries (Auto) Drop off	5.1 km
 Burnaby Recycling Depot » Batteries (Auto;Non-rechargeable;Rechargeable) Drop off	5.1 km
 Carter Dodge Chrysler	



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4330 Kingsway

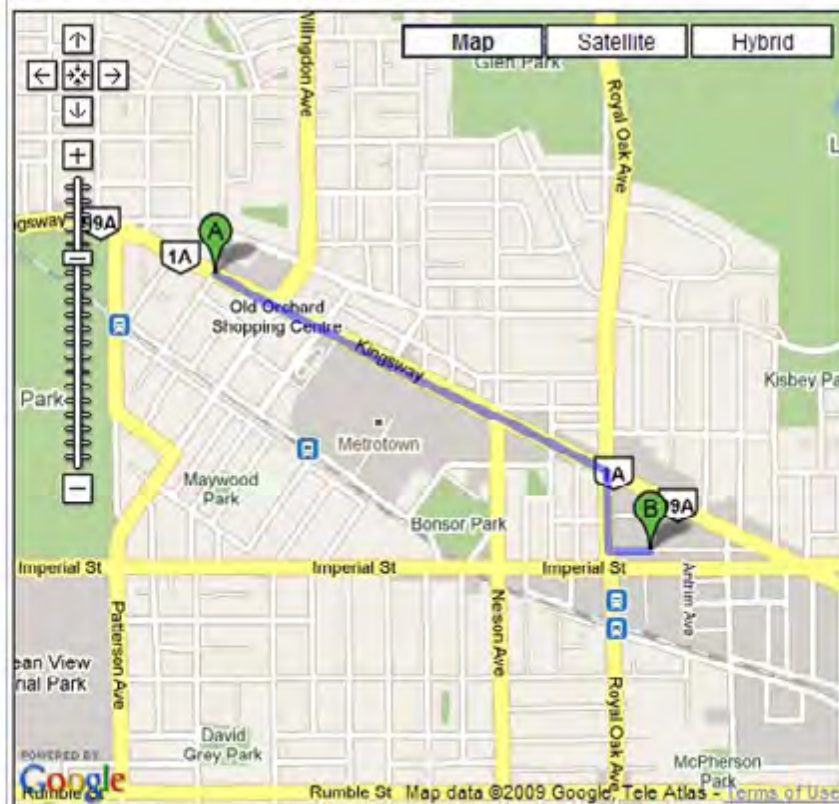
close x

Metro Vancouver Recycles - reuse and recycle directory

Print this page

www.MetroVancouverRecycles.org

Driving directions **from:** 4330 Kingsway, Burnaby, BC, Canada **to:** 5317 Lane Street, Burnaby, BC, Canada



4330 Kingsway, Burnaby, BC, Canada

2.0 km (about 3 mins)

1. Head **southeast** on **Kingsway** toward **Wilson Ave** 1.5 km
2. Turn **right** at **Royal Oak Ave** 0.3 km
3. Take the 2nd **left** onto **Lane St** 0.1 km
Destination will be on the left

5317 Lane St, Burnaby, BC, Canada

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Metro Vancouver Recycles

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1. Enter your street address (e.g. 4330 Kingsway) or postal code:

Select the city and specify the distance that you are willing to travel:

Burnaby 20 km

2. Select the category and material you wish to dispose of:

Appliances Fridges and Freezers

Search

Submit a new Dispose/Reuse Facility

We recommend that if you are donating large items or recycling large volumes, to call first to confirm your needs will be met.
You can also call the Recycling Hotline at 604-RECYCLE (604-732-9253).

You searched for locations within 20 km in Burnaby, BC
Appliances: Fridges and Freezers.

Search returned **43 result(s)**.

- Facility**

BC Hydro
» **Appliances** (Fridges and Freezers; Large Appliances)
Incentive program, Pick up

QIC Used Furniture
» **Appliances** (Microwaves;Fridge Appliances;Large Appliances)
Buy back, Drop off
Details: Call first to see if they will accept product. Product must be in resalable and good working condition.

» More info.

New Westminster Recycling Depot
» **Appliances** (Fridges and Freezers; Small Appliances)
Drop off

Shanes Recycling Services
» **Appliances** (Fridges and Freezers; Small Appliances)
Pick up

Salvation Army Thrift Store, 774 Coquitlam
» **Appliances** (Fridges and Freezers; Large Appliances;Microwaves;Other Large Appliances)
Drop off

close x

QIC USED FURNITURE

5317 Lane Street, Burnaby, V5H2H4

<div>6046857119</div>

Mon-Sat 11am-7pm Sun and Holiday 12pm-6pm

E mail

Website

» **Appliances** (Microwaves;Fridges and Freezers;Other Large Appliances;Large Appliances)
Buy back, Drop off
Details: Call first to see if they will accept product. Product must be in resalable and good working condition.

» **Furniture and Mattresses** (Furniture;Home Decor;Mattresses)
Buy back, Drop off
Details: Call first to see if they will accept product. Product must be in resalable and good working condition.

Map Satellite Hybrid

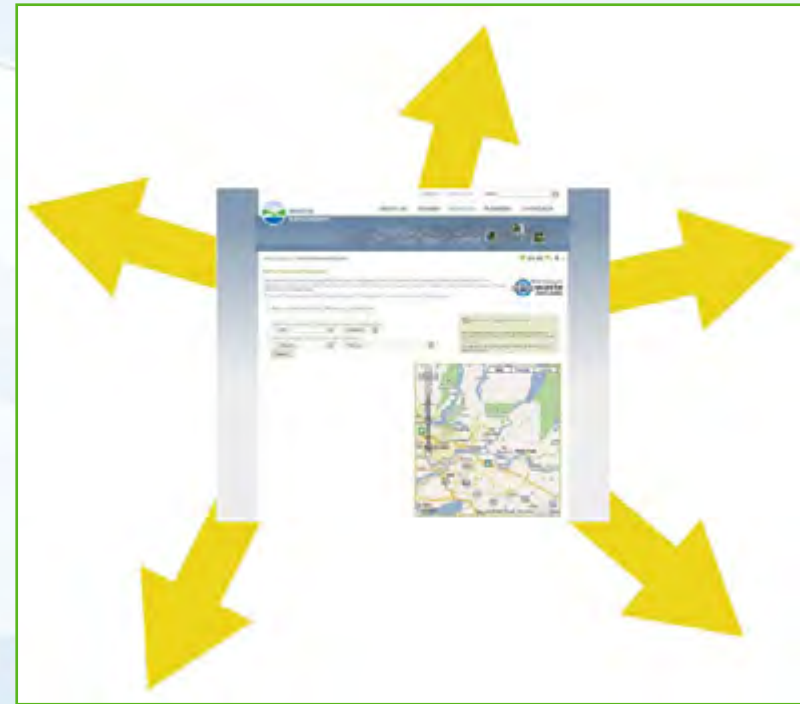
(Greater) Vancouver A

Port Moody, Coquitlam, Port Coquitlam, Coquitlam 2, Pitt Meadows, Burnaby, Surrey, New Westminster, Delta

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Let's Work Together

- We would like to share our website with anybody who wants to use it.
- Our message is: we want to share, we want to work together, we want everyone in Canada to recycle more.



Phone: 604-436-6993

Email: CorporateRelations@metrovancover.org

Messaging

- Canadians are bombarded with hundreds of web addresses & thousands of media messages every day
- Recycling information is often hard to find on municipal websites
- 3Rs.ca could be a one stop shop for recycling information—411 for your blue box
- This would allow us all to promote just one national web address—3rs.ca
- Leverage social media tools like facebook and YouTube.

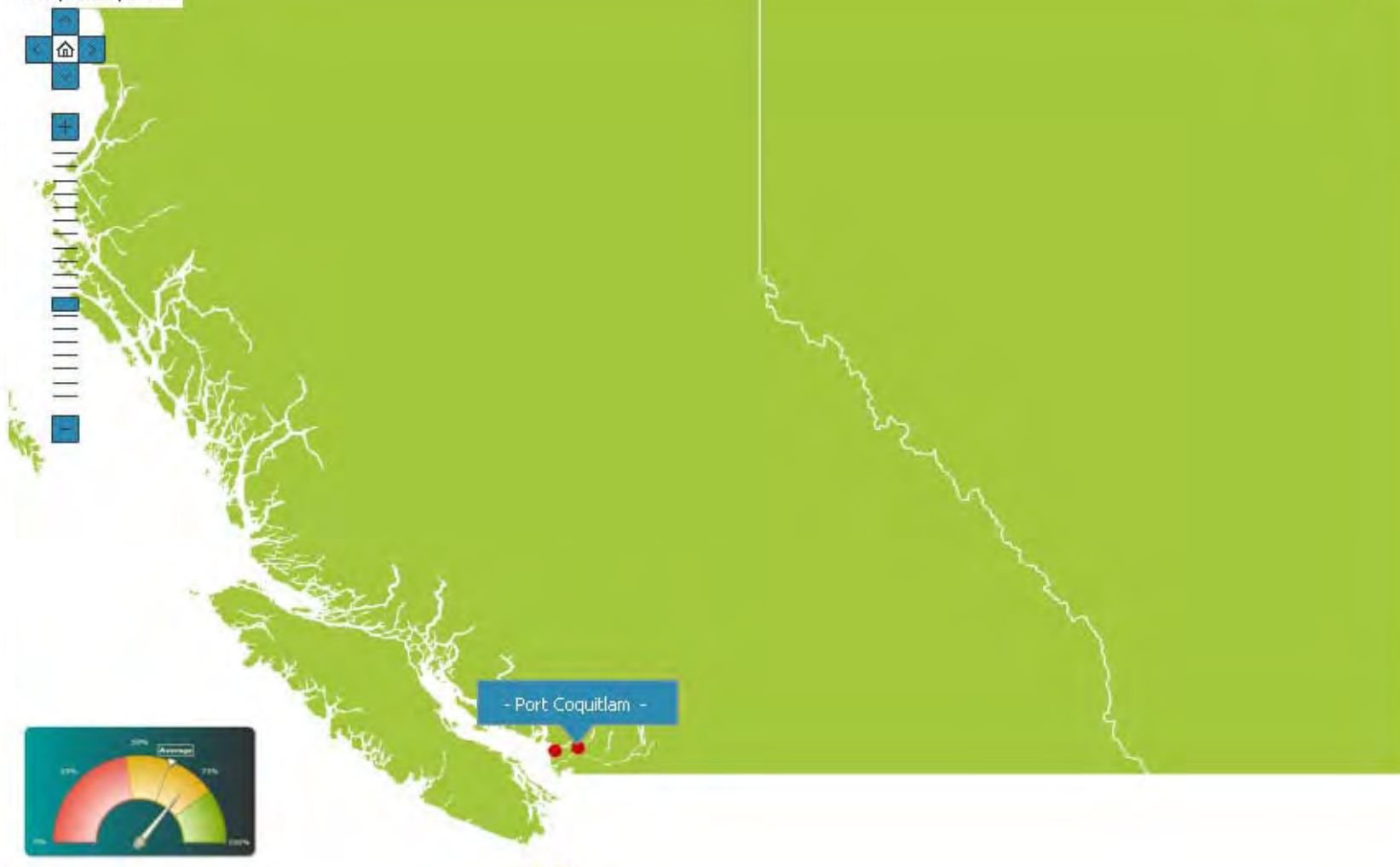


tool by ammap.com





tool by ammap.com



> Home Page > Citizen Services > Garbage, Recycling and Green Waste Collection Services > Recycling > Recycling Directory

SHARE Email PrintPage

Recycling Directory

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Select the city and specify the distance that you are willing to travel:

-- City -- -- Distance --

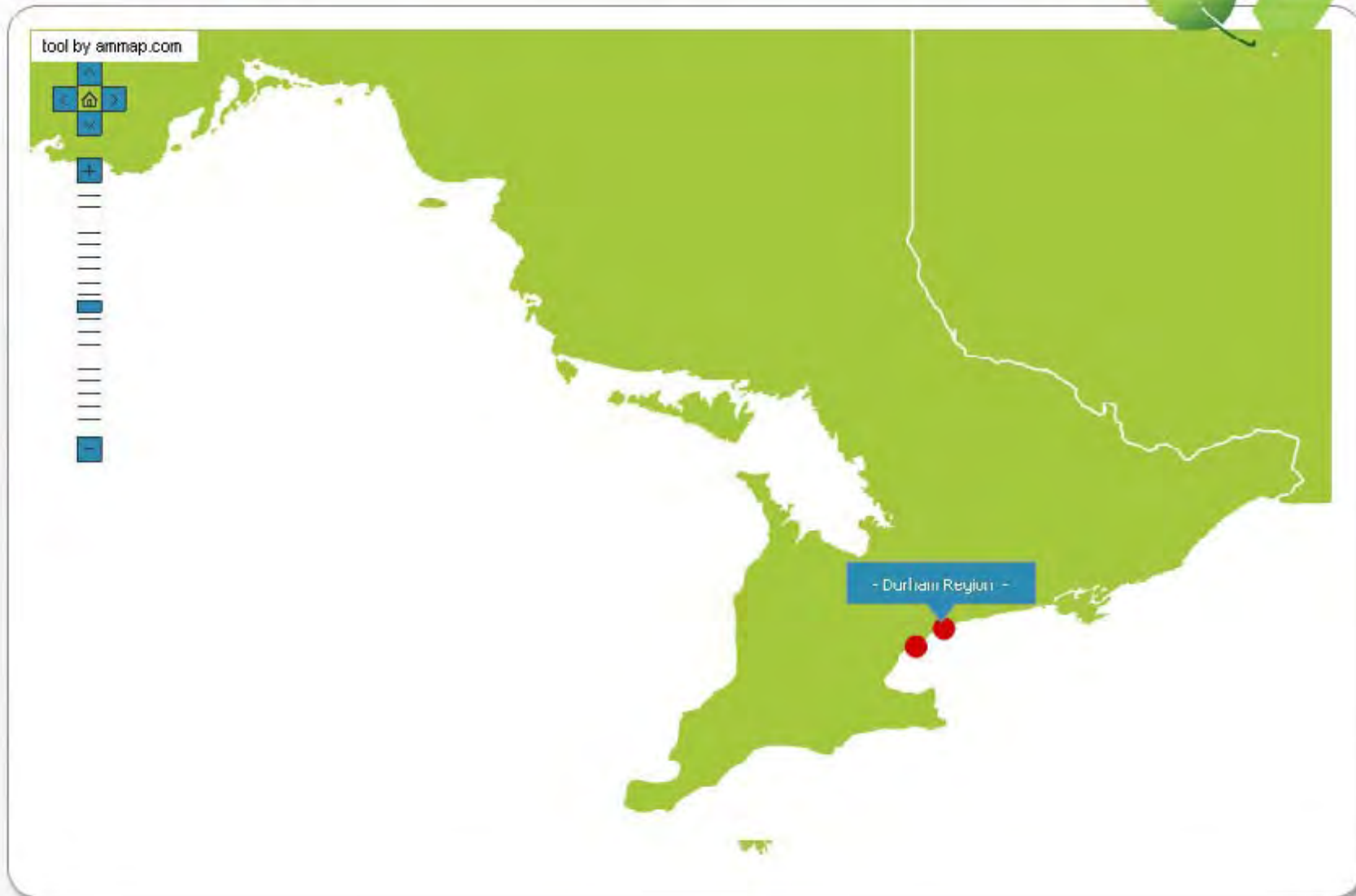
2. Select the category and material you wish to dispose of:

-- Category -- -- Material --

Submit a new Dispose/Reuse Facility

We recommend that if you are donating large items or recycling large volumes, to call first to confirm your needs will be met.
 You can also call the Recycling Hotline at 604-RECYCLE (604-732-9253).







Region of Durham Recycles

1. Enter your street address (e.g. 4330 Kingsway) or postal code:

Select the city and specify the distance that you are willing to travel:

-- City -- -- Distance --

2. Select the category and material you wish to dispose of:

-- Category -- -- Material --

You searched for locations within 20 km in Burlington.
Appliances: Large Appliances.

Search returned 35 result(s).

Facility	Trip
MCC Thrift Shop Appliances (Fridges and Freezers; Large Appliances; Microwaves; Other Large Appliances; Small Appliances) Drop off, Pick up	10.4 km
B-line Appliance Recycling Appliances (Large Appliances) Drop off	10.6 km
Tyldesleys Auctioneers, Liquidators and Appraisers Appliances (Fridges and Freezers; Large Appliances; Microwaves; Other Large Appliances; Small Appliances) Buy back, Drop off, Pick up	10.9 km
Allied Salvage And Metals Appliances (Large Appliances) Drop off	11.0 km
Loves Auctioneers and Appraisers Appliances (Fridges and Freezers; Large Appliances; Microwaves; Other Large Appliances; Small Appliances) Buy back, Drop off	11.2 km
Superior Scrap Metal Appliances (Large Appliances) Drop off	11.4 km
(Link icon)	



TOURISM



BUSINESS



DURHAM
REGIONAL POLICE



EMPLOYMENT
OPPORTUNITIES



DURHAM REGION
STRATEGIC PLAN



MEETINGS
CALENDAR



AGENDAS, MINUTES
& REPORTS



tool by amnmap.com



Garbage and Recycling

Toronto Recycles

1. Enter your street address (e.g., 1330 Kingsway) or postal code:

Select the city and specify the distance that you are willing to travel:

-- City -- * -- Distance -- *

2. Select the category and material you wish to dispose of:

-- Category -- * -- Material -- *

You searched for locations within 20 km in Burnaby.

Appliances: Large Appliances.

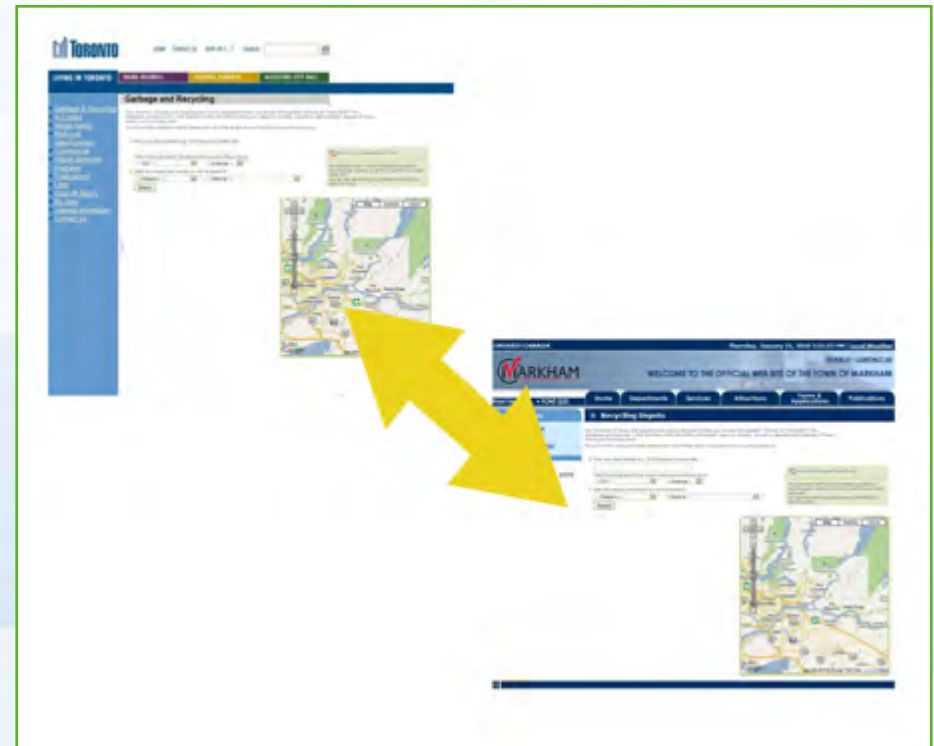
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Facility	Trip
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Tydesleys Auctioneers, Liquidators and Appraisers » Appliances (Fridges and Freezers; Large Appliances; Microwaves; Other Large Appliances; Small Appliances) Buy back, Drop off, Pick up	10.9 km
Allied Salvage And Metals » Appliances (Large Appliances) Drop off	11.0 km
Loves Auctioneers and Appraisers » Appliances (Fridges and Freezers; Large Appliances; Microwaves; Other Large Appliances; Small Appliances) Buy back, Drop off	11.2 km
Superior Scrap Metal » Appliances (Large Appliances) Drop off	11.4 km
Celebration Arms Thrift Store, 761 East 17th	



Collaboration

- Metro Vancouver's development of this web application helps over two million people access recycling information.
- Why should each municipality develop their own application for a smartphone, or each pay for other enhancements in isolation?



Other Opportunities

- There are other opportunities to collaborate, both on and offline.
- How about this year we work together to get top quality marketing developed and all run it at the same time across the country?





How much of what you give will end up as garbage?

The best way to reduce our garbage this holiday season is not to create it in the first place.



**metro
vancouver**



www.metrovancouver.org

Thank you



Metro Vancouver

Phone: 604-436-6993

Email: CorporateRelations@metrovancover.org

