

Greening Your Business: Cost Conscious & Sustainable Practices

Session #2 Transportation & Energy Conservation

January 19 2021

Welcome

Thanks everyone for attending the second of two Greening Your Business Sessions

The Township of Selwyn and the Kawartha Chamber have partnered together to offer you these two virtual Greening Your Business Sessions

We hope we can offer you sustainable solutions and cost saving methods that will get you started in this New Year

This webinar is being recorded and we will send a link of the recording out to you after the session

Housekeeping for Zoom

- Questions or comments in chat- discussed at end
- Mute mic when not speaking
- Video by choice
- This will be recorded



Land Acknowledgement

We would like to acknowledge that although we may be tuning in from different places, the Greater Peterborough Area is in Michi Saagiig Nishinaabeg territory, in the context of the Rice Lake, Treaty 20 and Williams Treaties.



Introductions

Hillary Bradshaw (she/her): Environmental Programs Intern for the Selwyn Township. Masters of Science candidate studying plastic pollution.

Anna Currier (she/her): Climate Change Coordinator for Selwyn Township and a recent graduate from the Masters of Sustainability Studies program at Trent University. Anna will be taking the lead on this session.

Tracy Beverley: Member Relations Coordinator for the Kawartha Chamber of Commerce & Tourism. Tracy has helped coordinate this webinar series and will be monitoring the chat.

Outline

First Half

Transportation

- Active Transportation
- Public Transportation
- Electric Transportation
- Carpooling/Rideshare

Energy Conservation

- Energy Conservation Tips and Tricks
- Energy Retrofit Grants and Incentives
- Energy Consumption and Cost Tracking

Business Presenter #1

- Video from Sunblockers

Second Half

Future Planning

- The ban of certain single-use plastics by 2021
- Recycling Regulation Changes
- Covid Challenges & Opportunities

Business Presenter #2

- Video from Nutty Bean

Closing Remarks/Questions

Active Trans.	Public Trans.	Carpool/ Rideshare/ Telecommute	Electric Vehicles	Energy Conservation Tips & Tricks	Retrofit Grants & Incentives	Energy Consumption & Cost Tracking	Single-Use Plastics Ban	Blue Box Transition	Covid Challenges & Opportunities
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Active Transportation

Save money, get exercise, reduce emissions!

- **Bike or walk to work**

*Use the **Selwyn Trails Brochure** to identify nearby connections to trails and active transportation routes.

*Having an event and need bike racks? **B!KE** Community Bike Shop may have portable racking for rent.

*Selwyn **Bike Share** (Min. 16 years, rent from Lakefield Marina)

*Register as a **Bike Friendly Business!** (Ontario By Bike)

- Bike or walk to work week **challenges & fundraisers**



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Public Transportation

***The Link* Rural Bus Service launching MAY 3RD, 2021!**

- MTO funded
- Partners: Curve Lake, Community Care, City of Ptbo
- Extension request
- Two routes: Ennismore-Bridgenorth (Route 32) & Curve Lake-Lakefield (Route 31)
- Connecting to Trent University/City of PTBO transit system
- Mon-Fri peak AM & PM, mid-day & evening runs
- Recent schedule changes & route connections
- Prices: One-way \$8, 10-Ride \$50, Monthly \$150

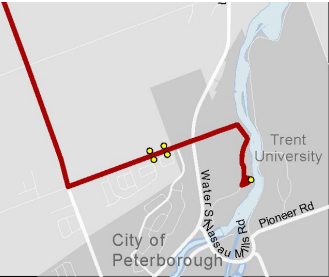


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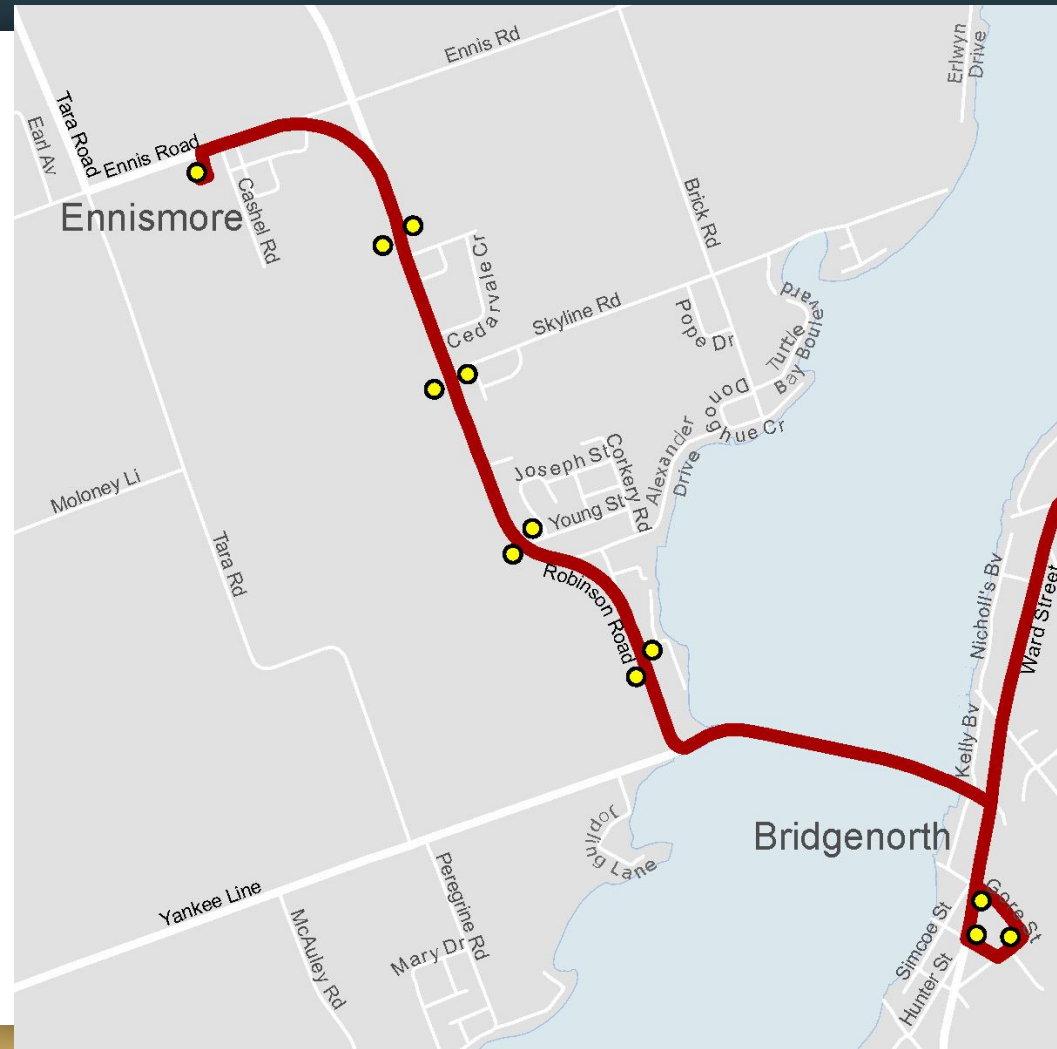


Ennis	Bnorth	Trent
7:05	7:15	7:35
9:05	9:15	9:35
13:05	13:15	13:35
17:05	17:15	17:35
19:05	19:15	19:35

Trent	Bnorth	Ennis
8:15	8:34	8:45
12:15	12:34	12:45
16:15	16:34	16:45
18:15	18:34	18:45
22:15	22:34	22:45



**The Link Route 32: Ennismore
- Bridgenorth**
**New schedule*



The Link Route 32: Ennismore - Bridgenorth close-up

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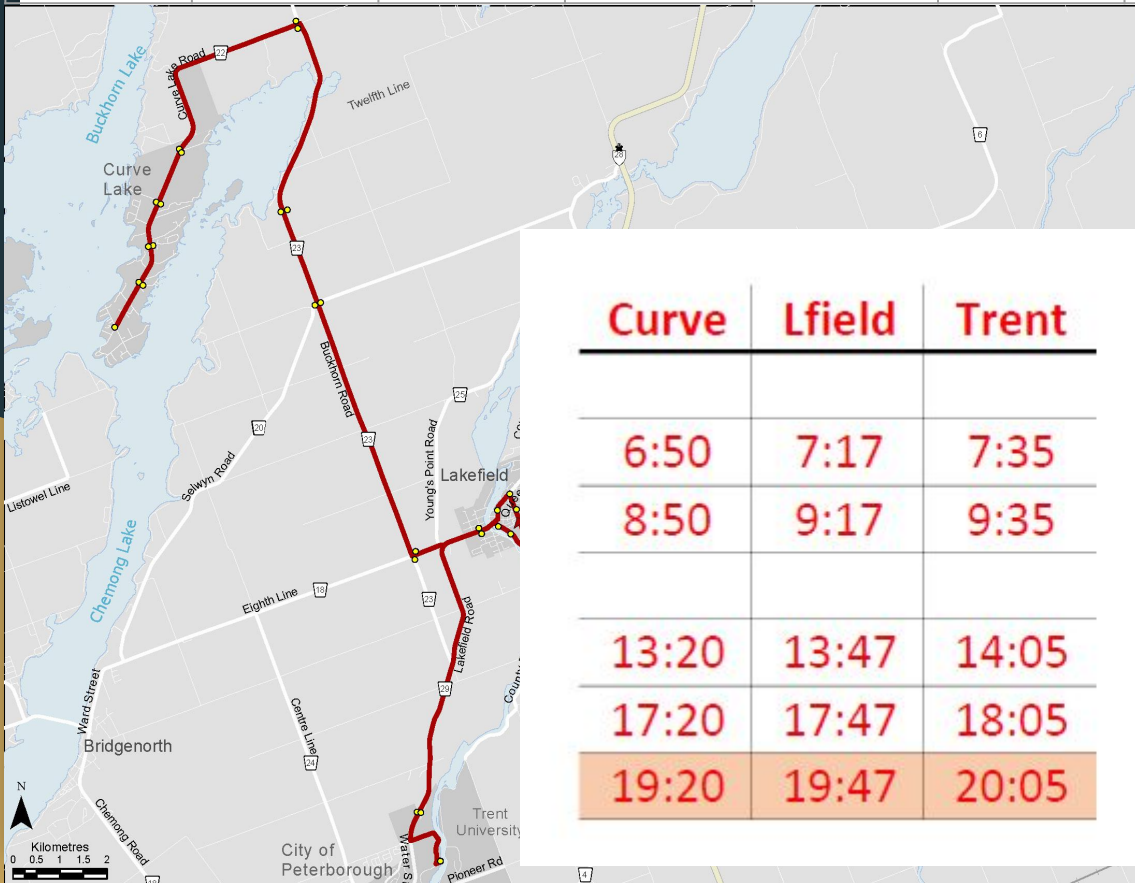
Route 31 Bridgenorth - Ennismore

Points of Interest

- Ennismore Arena/Curling Club/Community Care/Library
- Ennismore Foodland Plaza
- Bridgenorth Library/Chemong
- Value-Mart Plaza
- Selwyn Township Office
- Woodland Acres



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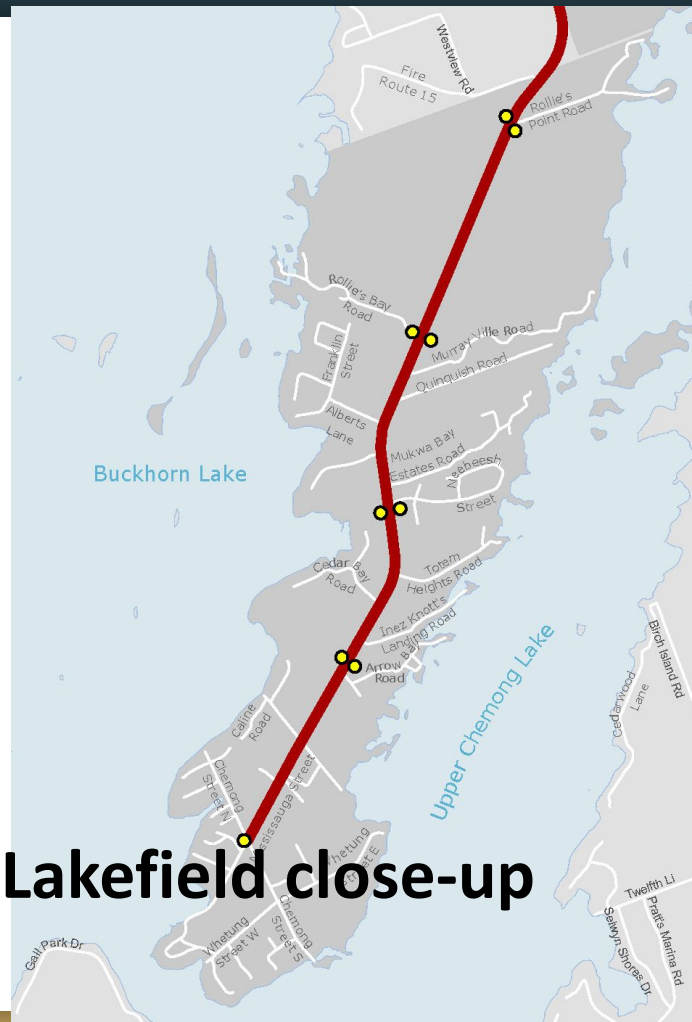
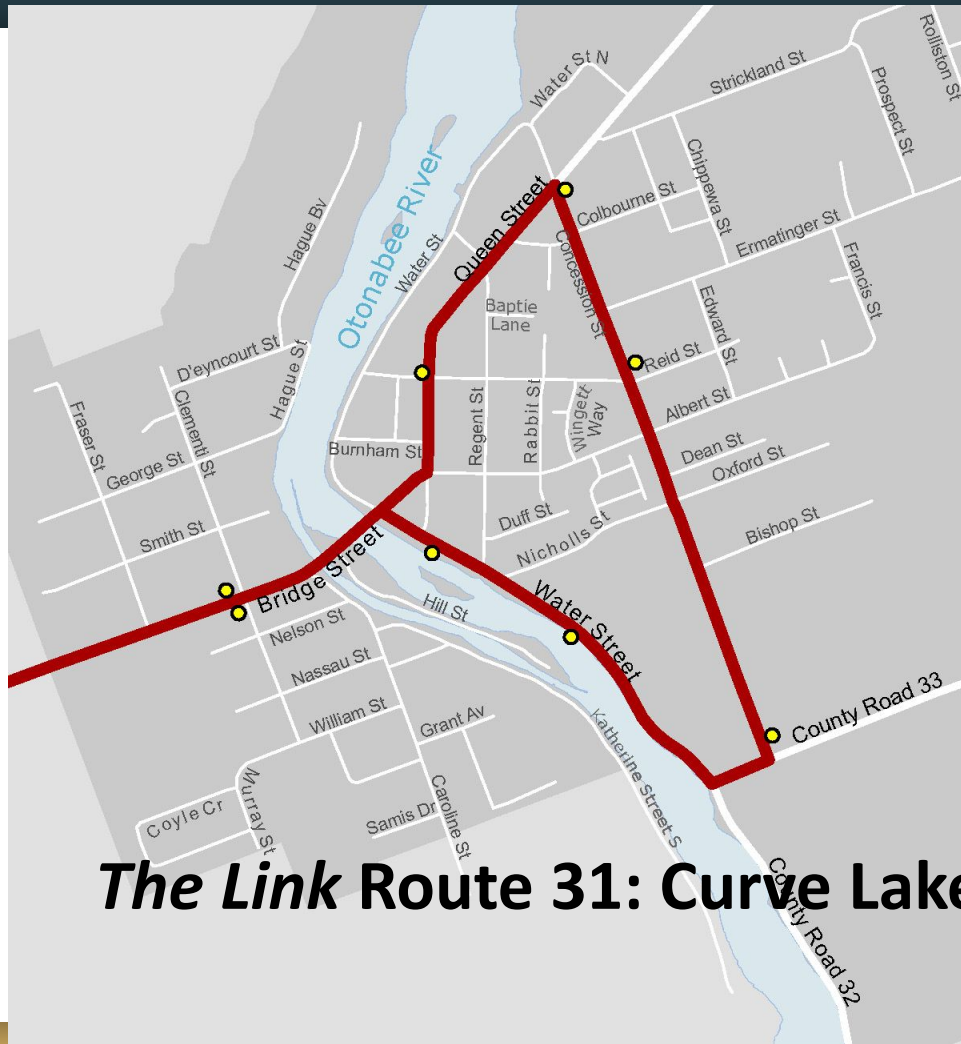


The Link Route 32: **Curve Lake - Lakefield**

**New schedule*

Curve	Lfield	Trent
6:50	7:17	7:35
8:50	9:17	9:35
13:20	13:47	14:05
17:20	17:47	18:05
19:20	19:47	20:05

Trent	Lfield	Curve
6:20	6:34	NA
7:45	7:59	8:30
12:15	12:29	13:00
16:15	16:29	17:00
18:15	18:29	19:00
22:15	22:29	23:00



The Link Route 31: Curve Lake - Lakefield close-up

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Route 32 - Curve Lake Lakefield

Points of Interest

- Wesley United Church
- Terry's Gas Bar
- Curve Lake Small Business Centre
- Selwyn Restaurant
- Kingdon Timbermart
- SGS & Savage Arms
- Downtown Lakefield
- Kyoto Coffee
- Giant Tiger



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Carpool / Rideshare / Telecommute

If it can be done safely, consider creating a carpooling or rideshare system with coworkers and save on gas!

Going to the same meeting as a coworker? Go together!

Telecommuting because of COVID? If it works, consider incorporating this into regulatory operations or offer as an option for staff. Save on gas and commuting time.



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Electric Vehicles & EV Infrastructure

Replacing or upgrading a business vehicle? Consider an electric or hybrid vehicle and save on fuel and maintenance costs and reduce vehicle emissions. *Incentives available through Transport Canada.

Contribute to EV infrastructure by installing an electric vehicle charging station at your business.

**Downtown Lakefield/Queen Street charging station @ Village Inn*

**The Township of Selwyn recently leased a hybrid electric vehicle and installed a Level 2 240-Volt charging station at the Township office!*



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Energy Conservation Tips and Tricks

- Get an Energy Audit or DIY: NRCan can help!
- Borrow an Appliance Monitor from the Ptbo Libra for FREE
- Purchase energy-efficient office equipment/appliances- Check to see if they are ENERGYSTAR-rated
- Reduce peak demand: stagger work hours & run appliances/updates during off-peak



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Energy Conservation Tips and Tricks Continued...

- Program your thermostat
- Lower space and water temperature
- Use low-flow plumbing
- Use energy-efficient lighting (CFL or LED vs. incandescent)
- Use fans to circulate air, reducing strain on HVAC units
- Minimize “phantom load” (shut things down and unplug at end of day, e.g. printers, monitors, phone chargers, etc.)



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Energy Retrofit Grants & Incentives

Save On Energy/IESO (via Hydro One) *New Retrofit Program details released January 4, 2021. Webinar on new program Jan. 26th.

Retrofit Program: expanded list of eligible energy-efficient measures available under three streams: lighting, HVAC and manufacturing and other equipment.

Process & Systems Upgrade Program: larger, more complex projects.

Energy Performance Program: continuous whole-building energy improvements under the pay-for-performance model: paid for metered savings.

Small Business Lighting Program: up to \$2,000 in incentives for eligible lighting upgrades.



Peterborough Utilities (PDI)

Refrigeration Efficiency: receive up to \$2,500 in refrigeration upgrades for your business.

COVID Energy Assistance Program-Small Business: proportional amount of Provincial fund available to PDI small business and registered charity customers.

Enbridge/Union Gas

Equipment Incentive Program: Space Heating, Water Heating, Food Service-*bonus for Water Heating & Food Service*

Custom Engineering Incentive Program: range of supports (50-66% incentives, up to \$10k-\$20k) for identifying natural gas savings, increasing energy efficiency knowledge and implementing measures)

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Energy Consumption & Cost Tracking

Energy STAR Certification: high efficiency appliances. Look for the label!

Energy benchmarking

Energy STAR Portfolio Manager: energy management & tracking tool to measure and track energy and water performance of any building over time.

Customized Energy Consumption and Cost Tracking: Get in touch for support.

Energy Manager Programs: available through Save On Energy & Natural Resources Canada, funding for larger businesses to hire an Energy Manager. R&J Machine has a someone in a similar position.

Canadian Infrastructure Bank (CIB) Growth Plan: investing in five major initiatives: \$2.5 billion for clean power, \$2 billion in broadband connections for underserved communities, \$2 billion in large-scale energy efficiency retrofits, \$1.5 billion for agricultural irrigation projects.

Overwhelmed? Let's chat! Sign up for newsletters for updates on available programs!

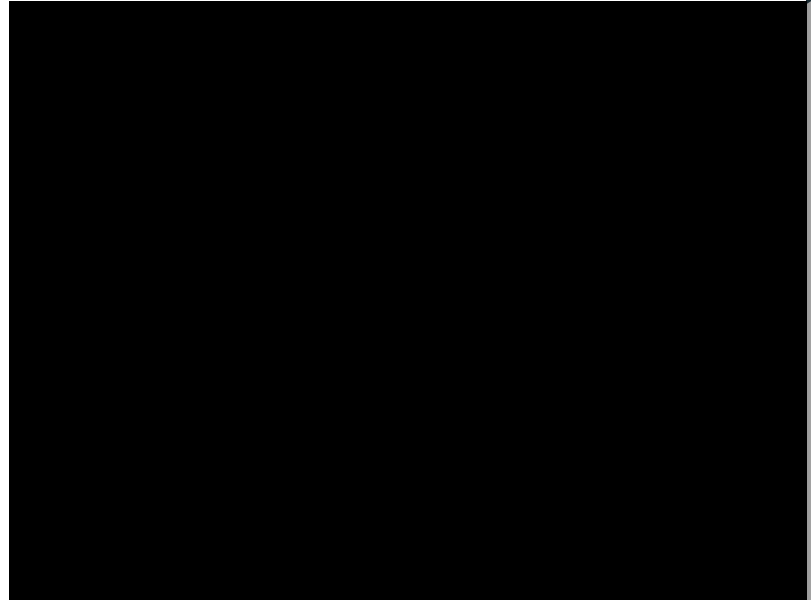
Business Presenter #1

Sunblockers

Nicola Cowie, Owner and Operator

Sunblockers, Village of Lakefield

A retail store specializing in personalized swimwear fittings for the entire family. We also carry sun protection items and swim accessories. We opened our doors in this location in 2003 and operate year round. Location of business Lakefield Village



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Preparing for **Proposed** Federal Single-Use Plastic Ban

- The Federal government has a plan for **zero-plastic waste by 2030**
- As part of this plan they have been discussing banning single use plastics
- A plan was released in October 2020 listing the **specific items** that could be managed through a ban
- The government has announced the **ban could come into play as early as 2021**
- The plan may evolve as comments are received and considered so nothing is certain as of yet.
- Businesses should start to consider how they may adapt to these changes by considering alternative options to single use plastics



Banned Single-Use Plastics

Alternatives to Single-Use Plastics

SINGLE-USE ITEMS



PLASTIC
BAGS



STIR
STICKS



SIX-PACK
RINGS



PLASTIC
UTENSILS



SOME
FOOD WARE



PLASTIC
STRAWS

REUSABLE ALTERNATIVES



Government
of Canada

Gouvernement
du Canada

Canada

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Recycling Regulation *Proposed* Changes

- Ontario government is making changes to the current **Blue Box Recycling Program** to make producers (brand owners) fully responsible for the recycling program and costs instead of municipalities and taxpayers
- Resource Productivity & Recovery Authority (RPRA) recently approved Stewardship Ontario's Wind-Up Plan of the Blue Box Program
- The regulation explains
 - who will be eligible- residential units including multi-residential, schools, long-term care homes, and some public spaces
 - what materials will be collected (the list is going to be expanded and standardized across the province)
 - how the program will function (data collection and reporting of producers, etc.)
- **Nothing is finalized yet – wait for final regulations for changes**



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Recycling Regulation *Proposed* Changes

Ptbo & County transition **2024**

- Over time municipalities have adapted their system to assist local businesses with separating and processing recyclables
- The inclusion of commercial establishments will be determined over the course of the next couple of years in consultation with service providers, businesses, and municipalities
- In **Peterborough County the scheduled date for the service to transition to producers is 2024** - expect to see changes and communications leading up to this date on how your collection may be impacted by the new regulations



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Relevance to Small-Medium Enterprises

- Don't worry! Changes don't happen overnight, there will be communication from your current Blue Box Recycling providers (Ptbo County)
- Ways you can prepare: support circular economy, reducing reliance on plastics, the 4 Rs (refuse, reduce, reuse, recycle), independent recycling services, container deposits, and diversion programs to make sustainable waste management choices
- Submit questions and provide input to the RPRA and Stewardship Ontario



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COVID Challenges & Opportunities

- Promote reusable/washable masks and gloves
- Refillable sanitizer stations - opt for buying sanitizer in bulk and refilling dispensers
- Dispose of PPE into garbage not recycling
 - cut the ear straps before disposal to help reduce potential wildlife harm



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COVID Challenges & Opportunities

- **Lower operating costs**
 - Telecommuting - employee works outside of the employer's office
 - Shopping local: online, curbside and pick-up purchasing opportunities
- Opportunity to **review practices**
- **Business funding support -**
<https://www.ontario.ca/page/businesses-get-help-covid-19-costs>



Business Presenter #2

Nutty Bean

Sherry Salminen, Owner

The Nutty Bean Cafe, Village of Lakefield

Small neighbourhood café, serving high-quality food, utilizing local ingredients whenever possible in beautiful downtown Lakefield. Serving fresh baking each day, breakfast and sandwiches with daily house made soups and market salads. Featuring organic, fair-trade, shade grown , freshly ground coffee by the cup or beans by the bag to take home.



Closing Remarks/Questions

Questions/Comments

- Thank you to Selwyn Township
- Thank you to Nicola from Sunblockers and Sherry from the Nutty Bean for presenting on their sustainability success stories. Selwyn Township staff will follow-up with both of you after the webinar.
- Thank you for attending. We hope you can join us for future events whether in person or virtual. A name will be randomly drawn from the list of participants for the \$50 gift certificate after this webinar and we will follow up with the winner.
- If you have any questions for any other the speakers or presenters, you can contact our Member Relations Coordinator at membership@kawarthachamber.ca

Announcements

The Kawartha Chamber is always encouraging new members to join. For more information on becoming a Kawartha Chamber Member you can reach out to Tracy Beverley our Member Relations Coordinator

Sustainable Development Goals Forum February 24th and 25th

Resources

Energy Conservation

Enbridge/Union Gas: <https://www.uniongas.com/business/save-money-and-energy>

Peterborough Utilities: <https://www.peterboroughutilities.ca/en/my-account/financial-assistance-programs.aspx>

Energy STAR: <https://www.energystar.gov/buildings/facility-owners-and-managers/existing-buildings/earn-recognition/energy-star-certification>

Save on Energy: <https://saveonenergy.ca/For-Business-and-Industry>

Save On Energy New Retrofit Program details webinar:

https://saveonenergy.webex.com/mw3300/mywebex/default.do?nomenu=true&siteurl=saveonenergy&service=6&rnd=0.37276235835904625&mainurl=https%3A%2F%2Fsaveonenergy.webex.com%2Fec3300%2Feventcenter%2Fevent%2FeventAction.do%3FtheAction%3Ddetail%26%26%26EMK%3D4832534b00000004abd7e2a44e6989dc6a0a4a5b5da245f0839fe5a9b5d75bc504ea766ba68fa949%26siteurl%3Dsaveonenergy%26confViewID%3D183429148952264412%26encryptTicket%3DSDJTswAAAAAPGe3hG_NWztiV0RvBkHxTy60u-coEna-KeotmjT_s9g2%26

Canada Infrastructure Plan: <https://cib-bic.ca/en/the-canada-infrastructure-bank-announces-a-plan-to-create-jobs-and-grow-the-economy/>

Natural Resources Canada: Energy Manager & Energy Audit Resources:

<https://www.nrcan.gc.ca/energy-manager-program/21917>

<https://www.nrcan.gc.ca/energy/efficiency/energy-efficiency-industry/energy-management-industry/conducting-energy-audit/20401>

Transportation

Ontario By Bike: <https://www.ontariobybike.ca/>

Selwyn Bike Share: <https://www.selwyntownship.ca/en/discover-our-township/bike-share.aspx>

Selwyn Trails Brochure: <https://www.selwyntownship.ca/en/discover-our-township/resources/Trails/Selwyn-Trails-Brochure.pdf>

The Link: www.selwyntownship.ca/thelink or join mailing list by contacting: acurrier@selwyntownship.ca

Selwyn Township Financial Incentive Programs:

<https://www.selwyntownship.ca/en/township-hall/CommunityImprovementPlan.aspx#Financial-Incentive-Programs>

Resources Continued...

Federal Single-Use Plastic Ban:

<https://www.canada.ca/content/dam/eccc/documents/pdf/cepa/proposed-approach-plastic-management-eng.pdf>

<https://www.canada.ca/en/environment-climate-change/news/2020/10/canada-one-step-closer-to-zero-plastic-waste-by-2030.html>

Recycling Regulations-Blue Box Program Transition: <https://www.ontario.ca/page/waste-management#section-1>

**Contact for questions & input→ Stewardship Ontario:*

<https://stewardshipontario.ca/bluebox-transition/>

Stewardship Ontario Wind-Up Plan: <https://rpra.ca/programs/blue-box/blue-box-transition/>

**Contact for questions & input→ Resource Productivity and Recovery Authority:*

<https://rpra.ca/programs/blue-box/blue-box-transition/>

Sustainable Development Goals Forum February 24th and 25th: <https://advancingthesdgscommunityforum.eventbrite.com>

Presenters

Sunblockers: <https://sunblockers.ca/>

Nutty Bean: <https://thenuttybeancafe.com/>

Selwyn Township Green Event Policy:

https://www.selwyntownship.ca/en/township-hall/resources/Policies/Green-Event-Policy/Green-Event-Policy_Selwyn.pdf

Green Event Policy Checklist:

https://www.selwyntownship.ca/en/township-hall/resources/Policies/Green-Event-Policy/Green-Event-Checklist_Selwyn.pdf

Green Event Policy Resources Guide:

https://www.selwyntownship.ca/en/township-hall/resources/Policies/Green-Event-Policy/Green-Event-Resources-Guide_Selwyn.pdf