

**TOWNSHIP OF SOUTH FRONTENAC
COMMITTEE OF THE WHOLE MEETING
AGENDA**



**Audio Broadcast to the Township's Facebook Page
<https://www.facebook.com/SouthFrontenacTwp>**

TIME: 7:00 PM,
DATE: Tuesday, April 13, 2021
PLACE: Council Chambers/Electronic
Participation.

1. Call to Order and Roll Call
 - a) Motion
2. Declaration of pecuniary interest and the general nature thereof
3. Approval of Agenda
 - a) Motion to approve
4. Scheduled Closed Session - not applicable
5. Public Meeting - not applicable
6. Delegations
 - a) Stephanie Reeder - Cambium Inc - 2020 Annual Update on Waste Disposal Sites 3 - 26
7. Reports Requiring Direction
 - a) Brand Positioning and Concept 27 - 61
 - b) By-law Enforcement Contract 62 - 65
8. Reports for Information
 - a) Household Hazardous Waste Facility - 2020 Annual Report 66 - 82
9. Rise & Report from Committees of Council
 - a) Cataraqui Region Conservation Authority
 - b) Quinte Conservation Authority
 - c) Rideau Valley Conservation Authority
10. Information Items
11. Notice of Motions
12. Announcements/Statements by Councillors

13. Question of Clarity (from the public on outcome of agenda items)

14. Closed Session (if requested)

15. Adjournment

a) Motion to Adjourn

Natural, Vibrant and Growing - A Progressive Rural Leader

Annual Update (2020)

April 13, 2021

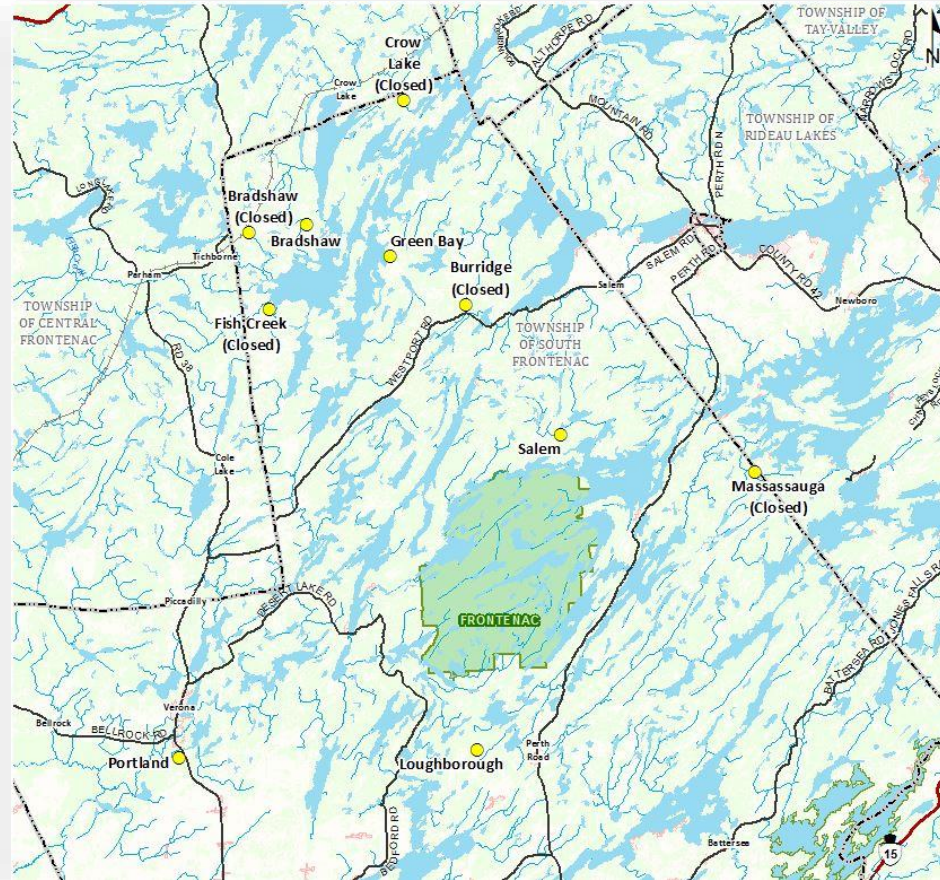
Township of South Frontenac Waste Disposal Sites



Overview

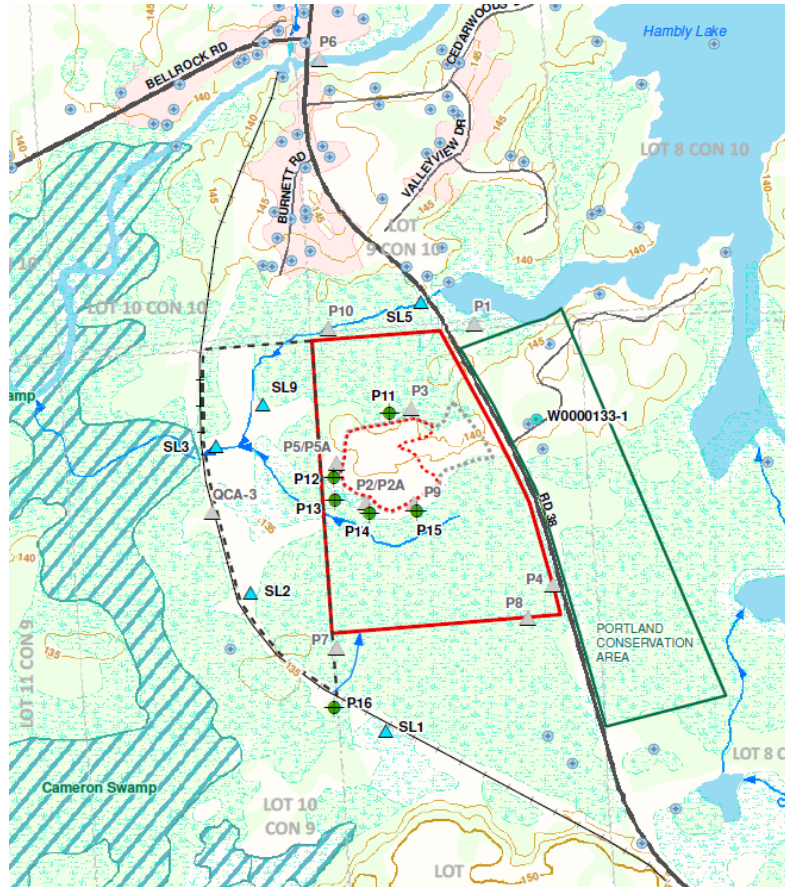
- Annual Monitoring
- Surveys of active landfills
- Site Inspections
- Reports
- Summary of operational information
- Recommendations for changes to monitoring/operations
- Required to meet Ministry guidelines

Regional Map





New background SW station: P16

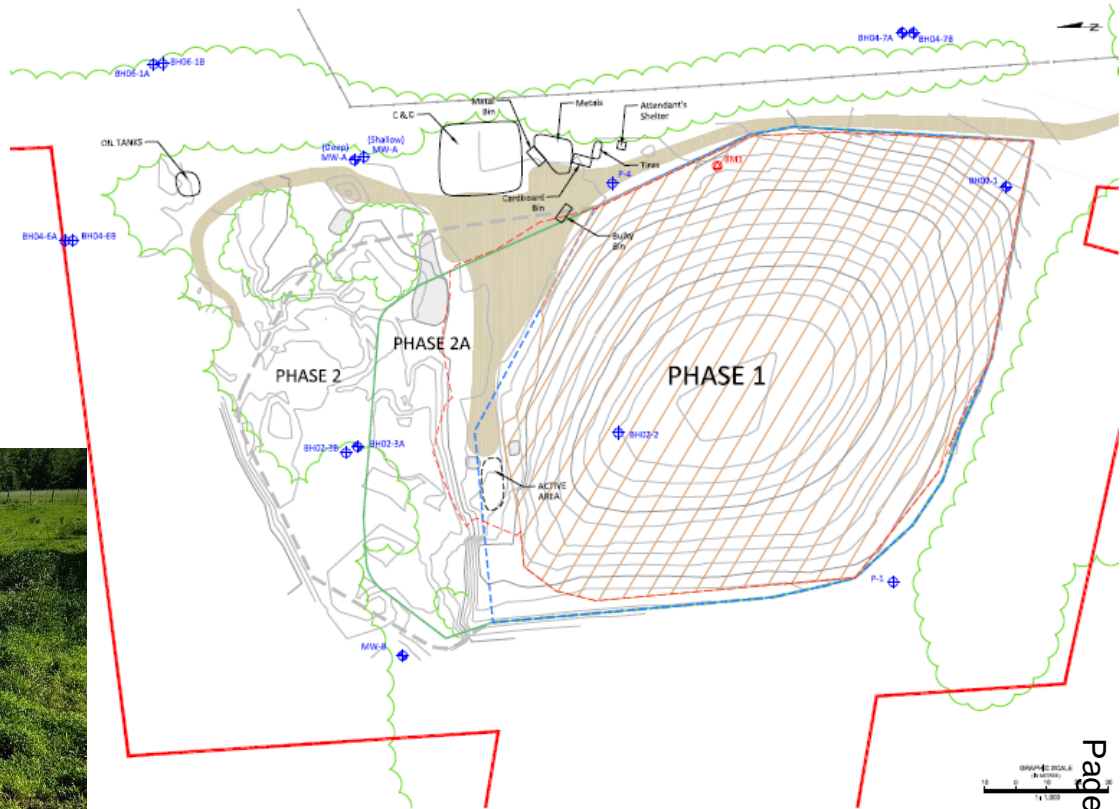


Loughborough Waste Disposal Site

- Transfer station, landfill
- Monitoring, Survey, Reporting
- Groundwater was not in compliance. Initial remedial response of capping and closure of Phase 1 completed in 2018/2019. A further action plan should be developed to bring the Site into compliance – waiting on MECP.
- Low level concentrations of PFAS compounds were present at locations across the Site in the bedrock and overburden water quality in 2019 assessment. This confirmed extent of leachate impacts.
- Remaining capacity of Phase 2 can be realized once groundwater compliance resolved
- Surface water program initiated in 2019. Preliminary results indicated minor site-related impact southeast of the Site, no impacts to the northwest.
- Minor well repairs were completed in 2020
- Phase 1 final cover passed inspection. Quarterly inspections required to continue in 2021.
- Active area should be reduced in size
- Operated in compliance with ECA; not in compliance with RUC and ECA Condition 7.6.

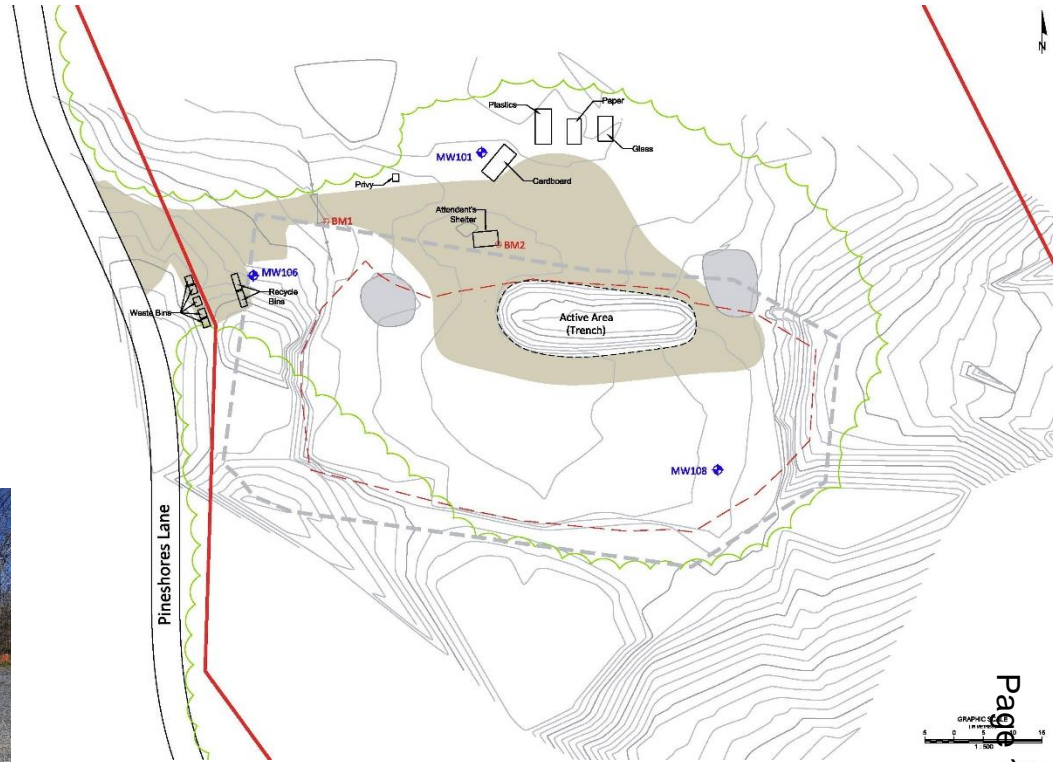


PFAS Set Up



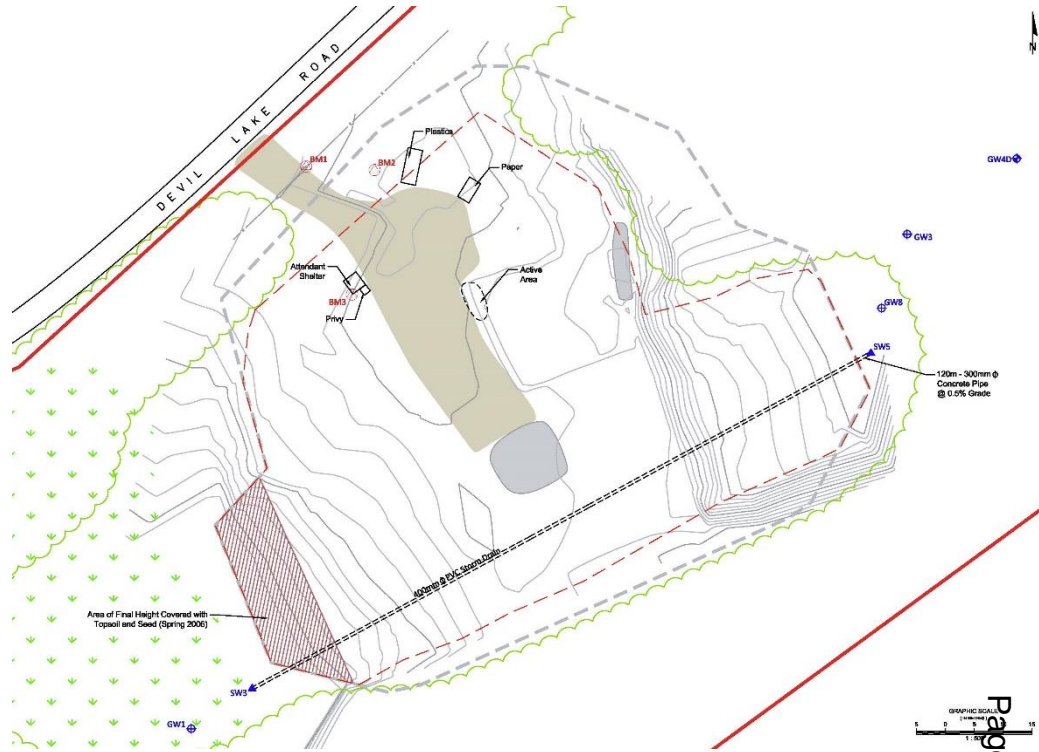
Bradshaw Waste Disposal Site

- Transfer Station, Landfill
- Monitoring, Survey, Reporting
- No adverse impacts off-site in groundwater or surface water; complied with RUC and SW guidelines
- Waiting on Ministry comment/approval of reductions for GW
- Received approval from Ministry SW specialist to reduce SW sampling program
- Trial winter closure; remained closed due to pandemic. No site survey in 2020.
- Operated in compliance with PC of A
- *Old site closed and no monitoring or reporting*



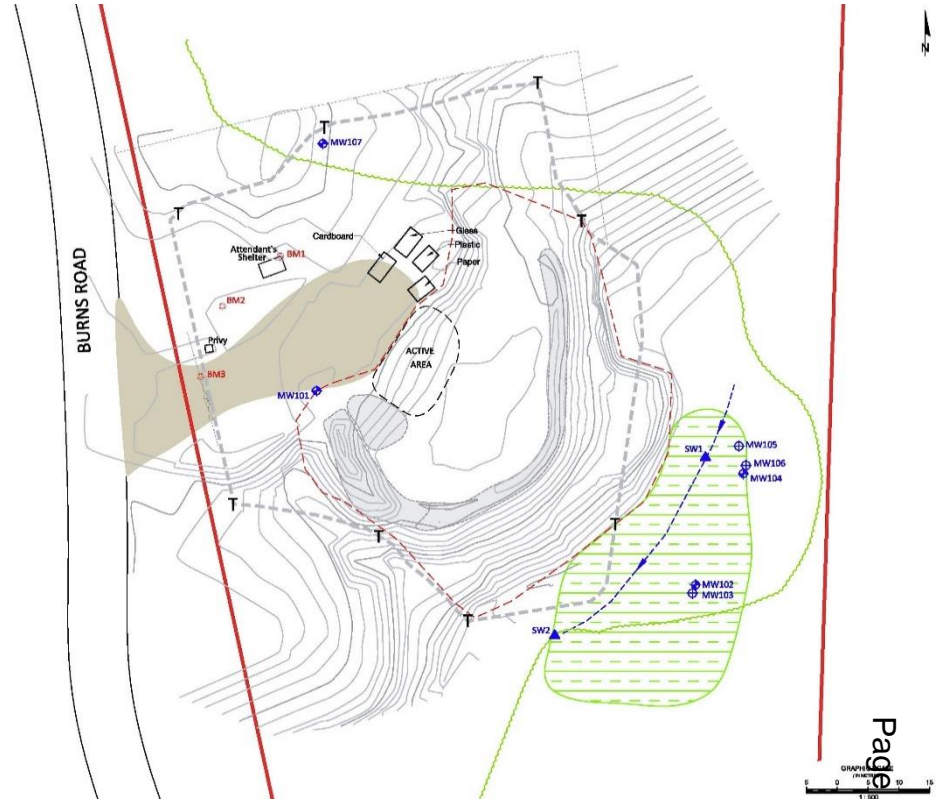
Salem Waste Disposal Site

- Transfer Station, Landfill
- Monitoring, Survey, Reporting
- Some elevated concentrations in GW and SW east of site. Ecological assessment conducted in 2018 & 2020 in response. The studies did not reveal any negative impacts to the vegetation or aquatic communities from site.
- A revised SW program (2018) and trigger mechanism (2020) was proposed based on Ministry comments
- Waiting on Ministry comments/approval for GW reductions and changes to SW program
- Trial winter closure; remained closed due to pandemic. No site survey in 2020.
- Silt fencing replacement recommended for 2021
- East extent of waste mound should be capped and closed
- Operated in compliance with ECA



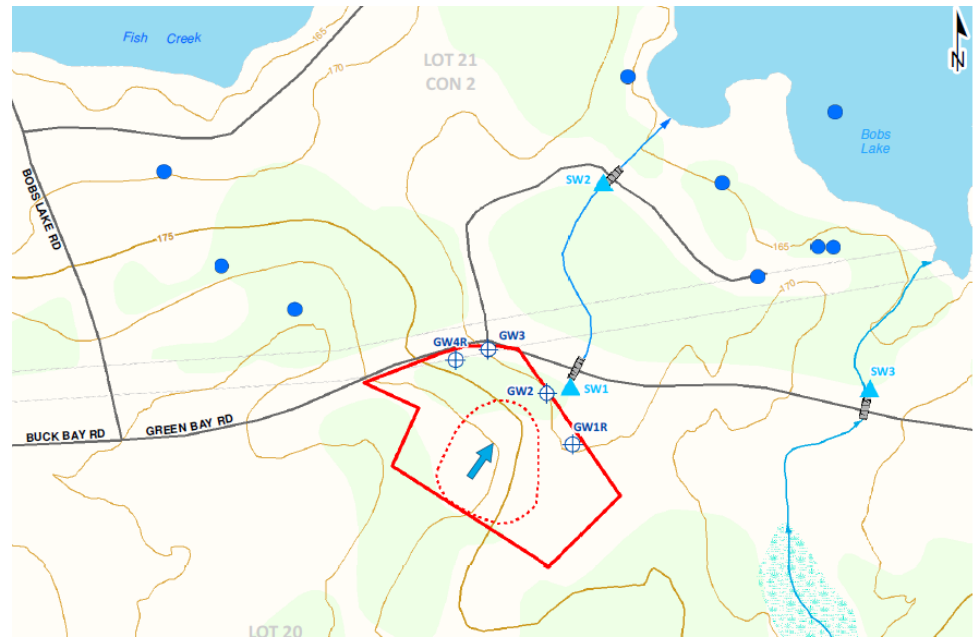
Green Bay Waste Disposal Site

- Transfer Station, Landfill
- Monitoring, Survey, Reporting
- Groundwater and surface water met compliance criteria
- SW trigger mechanism was proposed (2018) based on Ministry comments
- Waiting on Ministry comments/approval for GW reductions and SW trigger
- Landfill footprint was staked in 2019
- Site operated with limited hours for most of 2020. Closed due to pandemic from March to August. No survey in 2020.
- Operated in compliance with PC of A



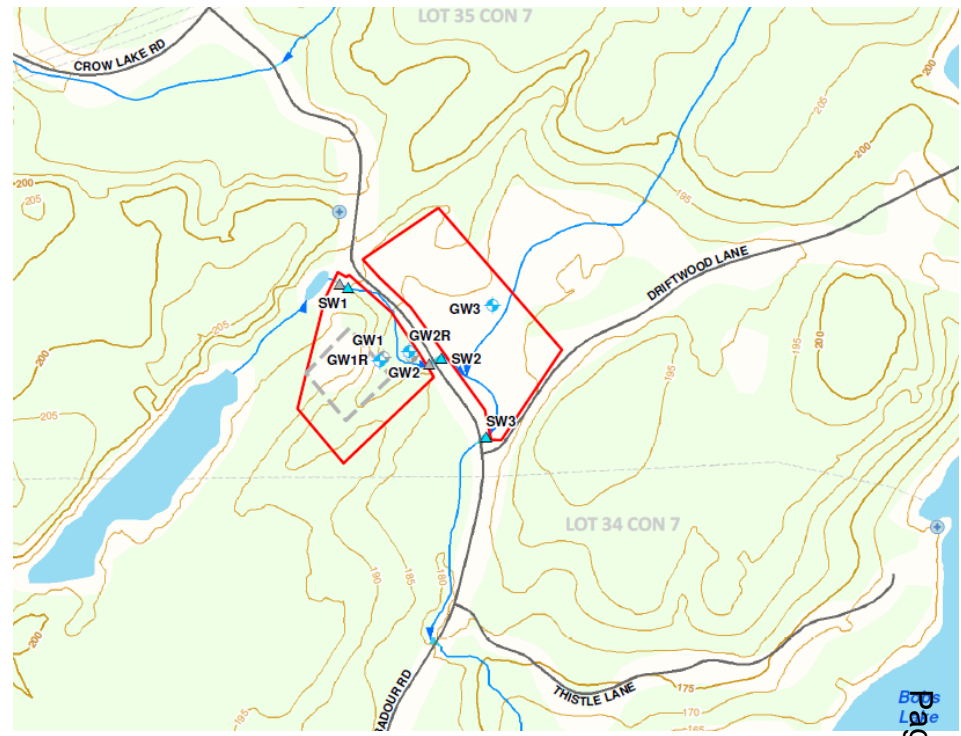
Fish Creek Waste Disposal Site (Closed)

- Closed landfill (2005)
- Groundwater and surface water tested annually; report submitted every 6 years
- Next report due 2022
- Groundwater and surface water met compliance
- Well decommissioning occurred in 2019 as required by ECA
- Site was in good condition in 2020 with no evidence of erosion, seeps, litter
- Operated in compliance with ECA



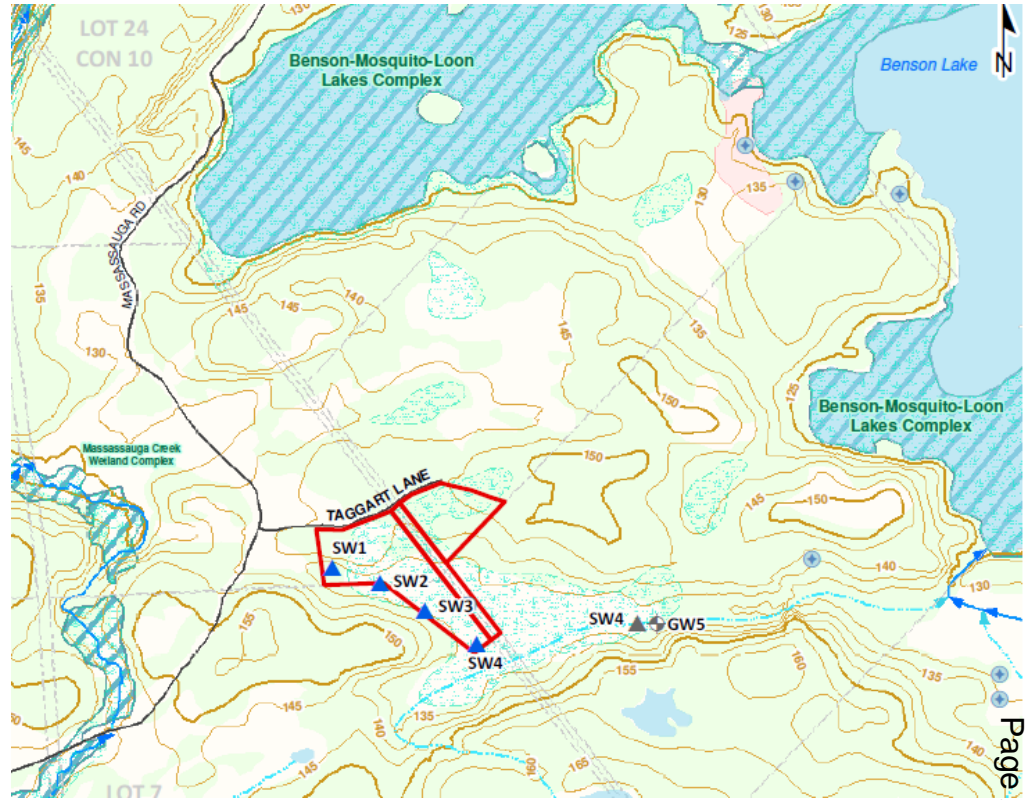
Crow Lake Waste Disposal Site (Closed)

- Closed landfill (2002)
- Groundwater and surface water tested biannually; report submitted every 5 years
- Next report due 2023
- Wells decommission in 2019 as required
- Groundwater and surface water met compliance criteria
- Site was in good condition in 2020 with no evidence of erosion, seeps, litter
- Operated in compliance with ECA



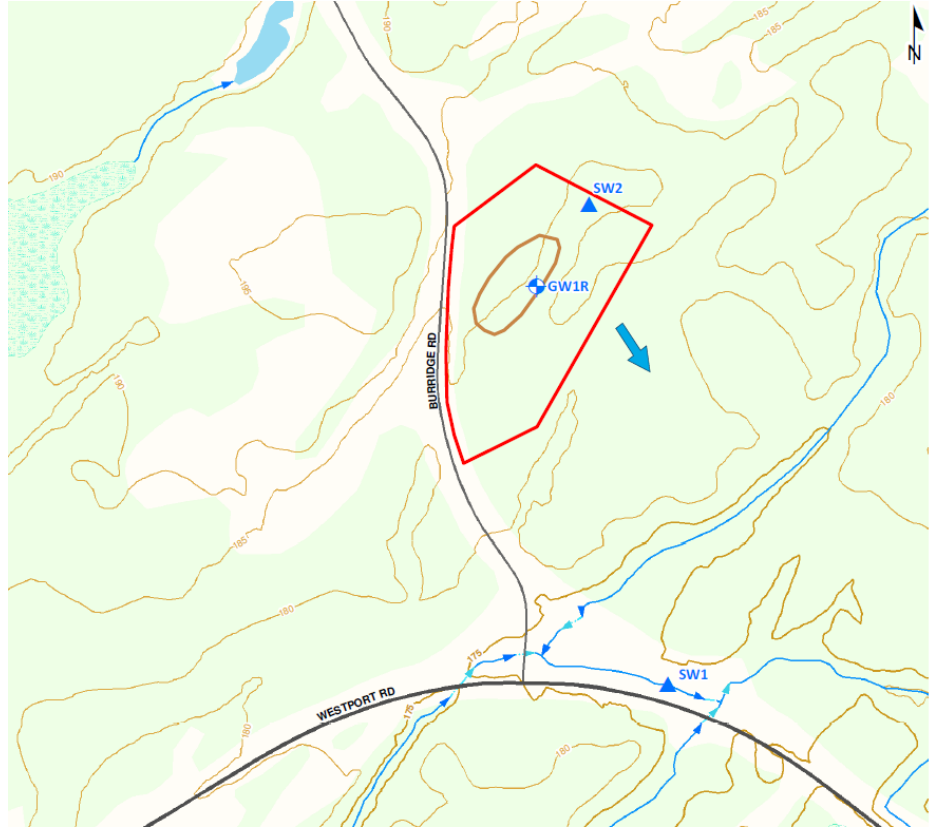
Massassauga Waste Disposal Site (Closed)

- Closed landfill (2012)
- Monitoring, Reporting
- Groundwater and surface water met compliance criteria
- Waiting on Ministry comment/approval for reductions to the GW and SW programs
- Site in good condition in 2020 with no evidence of erosion, seeps, litter, or vermin
- Operated in compliance with ECA



Burridge Waste Disposal Site (Closed)

- Closed landfill (1991)
- Monitoring and reporting every 3 years
- Last completed in 2018; to be completed in 2021
- Groundwater and surface water met compliance criteria
- In 2018 site was in good condition with no evidence of erosion, seeps, litter
- Operated in compliance with PC of A



Township Summary

- Training limited in 2020 due to COVID-19
- Aesthetics – transfer stations and closed sites were well maintained; extra litter clean-up time in 2021 should focus on active waste sites in the peripheral areas (tree lines, watercourses)
- No complaints or incidents
- Monitoring well security/compliance – a couple minor repairs to be completed in 2021 (new cap, locks)

Landfill Capacity Update (2020)

	Loughborough	Portland	Salem	Bradshaw	Green Bay	Municipality (2020)	Municipality (2019)
Approved waste disposal capacity (m ³)	173,400	380,100	59,000	16,200	10,000	638,700	638,700
Estimated existing volume of capacity used (m ³)	162,725	217,730	49,770	13,525	7,265	451,015	442,775
Waste placement in 2020 (m ³)	2,310	5,670 ⁴	0	0	260	8,240	4,995
Remaining volume of capacity (m ³)	10,675	162,370	9,230	2,675	2,735	187,685	195,925
Average Annual Waste Placement (m ³) ¹	1,810	4,680	610	190	260	7,550	7,320
Remaining site life (years)	5.9	35	15	14	11	25	27

Notes:

1. Loughborough total capacity is for Phase 1 and 2A only.
2. Salem and Bradshaw not surveyed in 2020 as site was closed to the public.
3. Green Bay not surveyed in 2020 due to limited site usage. Capacity was estimated using the five-year average.
4. Increased volume at Portland attributed partially to increased site use, but also partially attributed to the development of the new access road and site reconfiguration.

QUESTIONS?

Stephanie Reeder, P.Geo., C.E.T.
Senior Project Manager

p: 705.742.7900 x204

c: 705.872.8797

e: stephanie.reeder@cambium-inc.com

w: cambium-inc.com





REPORT TO COMMITTEE OF THE WHOLE

Office of the
Chief Administrative Officer



AGENDA DATE: April 13, 2021

SUBJECT: Updated Township Branding

RECOMMENDATION:

That COTW support the Brand Steering Group's recommendations for updated branding for South Frontenac.

BACKGROUND:

In December of 2019, Township Council passed its operating and capital budget which included funding for the development of updated Branding for the Township.

The purpose of the Branding exercise was to update and modernize the Township's graphics (logo, text and other elements), and to formalize the Township's "Brand Positioning" (i.e. its identity; what people think and feel about the Township).

Given the community's long history, the Township already has an "identity" that has developed over time, but that identity hadn't been captured or leveraged in words and graphics.

In late 2020, Council appointed four residents with experience in branding, marketing and related disciplines, to a branding steering group. This group worked with staff to select a creative consultant to develop the brand package.

A community survey was released that asked residents to share their thoughts on "What makes South Frontenac Special" to get a sense of how the community saw itself. The Township received nearly 400 responses to that survey, which were summarized by the consultant to arrive at a list of "Brand Values". These values were the basis of the updated logo and positioning statement concepts.

DISCUSSION/ANALYSIS:

After reviewing numerous concepts and styles, the Brand Steering Group has arrived at a recommended Positioning Statement and Logo Concept that will form the basis of the remaining brand package.

Before any further work is completed, the Steering Group is presenting its recommendation to Committee of the Whole and then for approval by Council.

The attached slide deck provides further explanation about the Steering Group's branding recommendations and provides examples of its implementation.

STAFFING OR FINANCIAL IMPLICATIONS:

None.

ATTACHMENTS:

1. Branding Slide Deck

Submitted by:
Emily Caird
Executive Assistant

Approved by:
Neil Carbone
Chief Administrative Officer

South Frontenac

Updated Brand Concept

Logo and Positioning Statement

A Quick Recap

Brand Steering Group formed in late 2020 of local residents with branding or related skills and experience:

- **Wilma Kenny**
- **Paul Blais**
- **Tina Fisher**
- **Jessalyn Harmon**
- Staff: Tim Laprade, Emily Caird

A Quick Recap

- Creative Design Consultant hired (1dea Media & Design Inc.)
- Community survey: “What South Frontenac Means to You”
- Steering group identified community values
- Several rounds of concepts considered by Steering Group

Brand Logo

- Just one part of the brand
- What people will eventually associate with the community's brand/position
- Identifier and differentiator
- All artwork is subjective, so how do we know if it fits?
 - Does it convey the right messages?
 - Is it functional?
 - Does it achieve all the objectives?

Brand Logo

- Feedback given to consultants
 1. It should appear strong alongside the County Brand
 2. “South” emphasized because it differentiates us from the other Frontenacs
 3. Consider omitting the term “Township”
 4. Easily understood – it can’t be too abstract
 5. Vivid but still natural colours
 6. Graphics should be able to stand apart from the text
 7. Add a bit of a modern touch – progressive, unique and a bit bold
 8. Represent the brand values
 9. It has to be practical, and easy to use in existing applications

Ídea

SOUTH FRONTENAC
LOGO DEVELOPMENT

Presentation April 13th, 2021

Ídea

SOUTH FRONTENAC
PRIMARY LOGOS AND RATIONALE



SOUTH FRONTENAC





SOUTH FRONTENAC



LOGO RATIONALE

There are the blue waves of lake-life, the furrows found in our rural areas, and the overarching energy of lush, green nature; our environment brings us together. Amongst all this, lies the Great Canadian Shield, protruding powerfully and part of our heritage. South Frontenac is the one place where you find three polarizing landscape working symbolically together, weaving and seaming into one. The logo reflects this perfect balance and the symmetry of these elements coming together.

South Frontenac's many communities are connected in much the same way as our diverse landscapes, brought together by a common sense of resiliency, adventure and a humble way of life. These communities (represented by the three circle) thread into the other elements as an ever present part of the past and future of South Frontenac.



CANADIAN SHIELD

The centerpiece of the logo is represented by the Canadian Shield. Characterized by strength and resilience, it not only signifies the geographic landscape, but the characteristics of the people who live here.



CONNECTION TO THE LAND

Amidst the rock, the land of South Frontenac has been worked on for generations. Soil signifies opportunity, not only for those who farm it, but for those who value a more peaceful and balanced way of life.



**SOUTH
FRONTENAC**



LAKES & WATERWAYS

Water is a way of life in South Frontenac. Living here is both pure and wholesome.



COMMUNITY & VITALITY

With friendly faces and helping hands, nature inspires activity in South Frontenac. A sense of balance is found quickly. Living here keeps us grounded.



FIND A LAKE,
TRAIL OR GOOD
NEIGHBOUR
NEAR BY.

SouthFrontenac.net





Here's to the people that go out of their way to help a neighbour. To those who get up at the crack of dawn to get out on a lake because that's when the fish are biting best. To those who waterski, go four wheeling, own boats and know area farmers by name. You'll find us on trails, at the lake or at a local ball field cheering on our team. At heart, we're easygoing and laid back. We appreciate this area because it's quieter, friendlier, and wholesome. It's farm fresh food, family dinners and picnics down by the lake. But, we like the conveniences and amenities that our communities and our location provides, and we've realized something that many haven't - you can have the best of both worlds.

**NATURAL, VIBRANT AND GROWING -
A PROGRESSIVE RURAL LEADER.**

SouthFrontenac.net





**SOUTH
FRONTENAC**



FRONTENAC
COUNTY OF FRONTENAC • ONTARIO

Ídea

SOUTH FRONTENAC **RESPONSIVE LOGO SYSTEM**

Responsive logos are shape-shifting logos that change in size or complexity to accommodate and adapt to wherever they are placed. Responsive logos give you a way to maintain visual consistency in any environment. Consistency is a critical component in developing brand familiarity and loyalty.



HORIZONTAL LOGO (PREFERRED)



VERTICAL LOGO



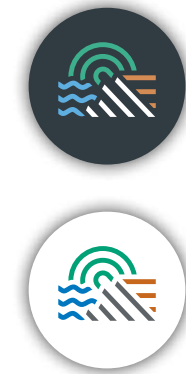
PROMOTIONAL CREST



EXTREME HORIZONTAL LOGO



ICON ONLY



SOCIAL MEDIA AVATARS



PRIMARY COLOUR PALETTE



Ídea

SOUTH FRONTENAC **SAMPLE APPLICATIONS**

The samples shown on the following pages are an initial depiction of the logo on graphic materials. These are to give an impression of the visuals. Actual applications will be formalized, created and implemented following the approval of the logo.



SOUTH FRONTENAC



TITLE OF REPORT

November 21, 2020

Objectives:

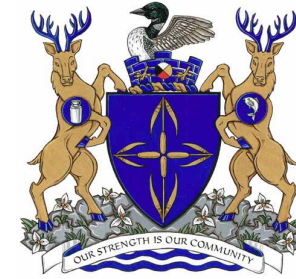
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec eu... erat ut turpis. Suspendisse una nibh, viverra non, semper suscipit, po... Donec nec justo eget felis facilisis fermentum. Aliquam portitor mauris sit an... felis. Morbi in sem quis dui placerat ornare. Pellentesque odio nisi, euismod in, ph... Cras consequat.

Phasellus ultrices nulla quis n... quam, gravida non, commodo...

History:

- Donec nec justo eget felis facilisis fermentum. Aliquam portitor mauris sit amet orci.
- Aliquam portitor mauris sit amet orci.
- Aenean dignissim pellentesque felis.
- Morbi in sem quis dui placerat ornare.
- Pellentesque odio nisi, euismod in, pharetra.
- Sed arcu. Cras consequat. Present d

PUBLIC SERVICE ANNOUNCEMENT



NATURAL, VIBRANT AND GROWING

A PROGRESSIVE RURAL LEADER

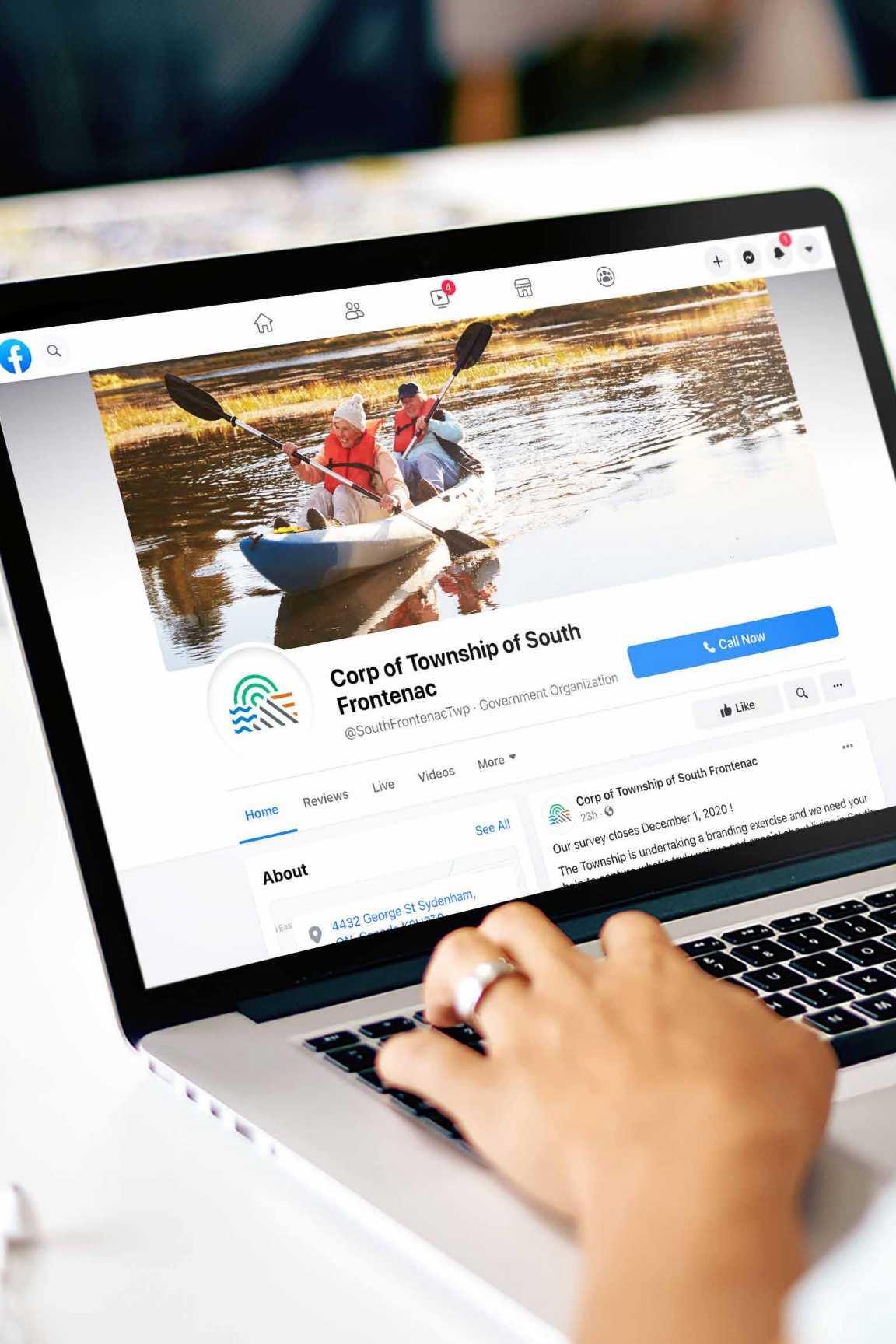
For Immediate Release

April 13th, 2021



**SOUTH
FRONTENAC**

POPULATION: 18,750





SOUTH FRONTENAC

[Living Here](#)

[Town Hall](#)

[Things to Do](#)

[Open for Business](#)



WELCOME TO SOUTH FRONTENAC

NATURAL, VIBRANT AND GROWING

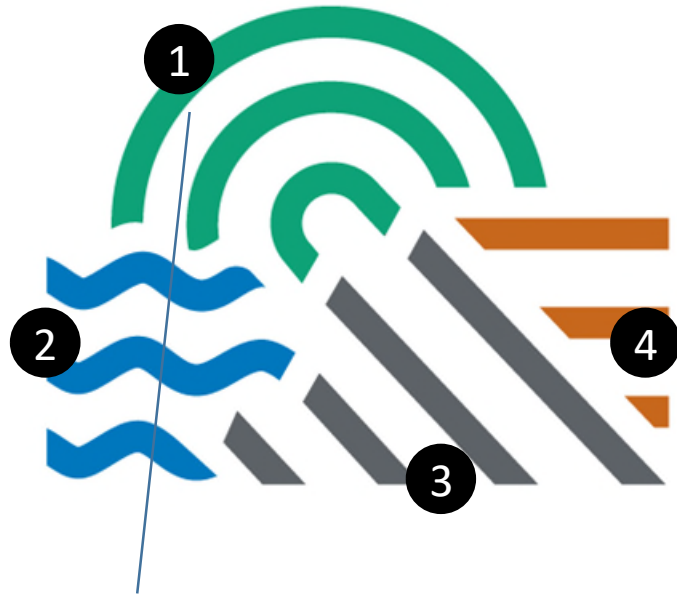
A PROGRESSIVE RURAL LEADER



FEATURED ITEMS

Explore South Frontenac.

Some added subtle meaning

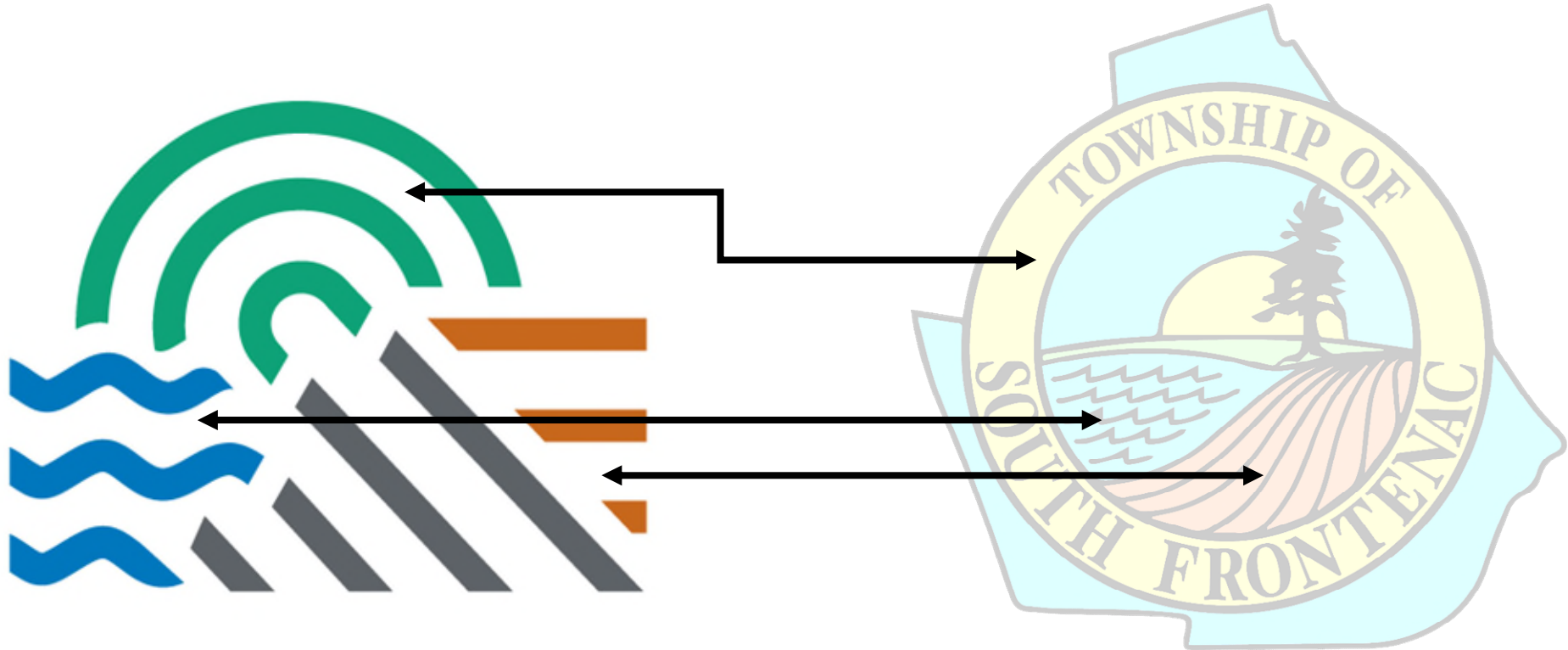


Four (4) graphic elements represent four (4) current Districts of South Frontenac (and similar orientation to boundaries)

SOUTH
FRONTENAC

“South” is larger and more prominent than “Frontenac” since it is the primary differentiator from the County and our neighbours

Incorporates Existing Elements



Brand Positioning

- South Frontenac already has a story, a feeling, and an identity – but we’ve never put that in writing.
- The brand positioning statement does this in a concise way, and represents the values identified in the community survey and by the Steering Group.
- The positioning will inform things like the “tone of voice” we use in media releases or the imagery we use on our website and social media.

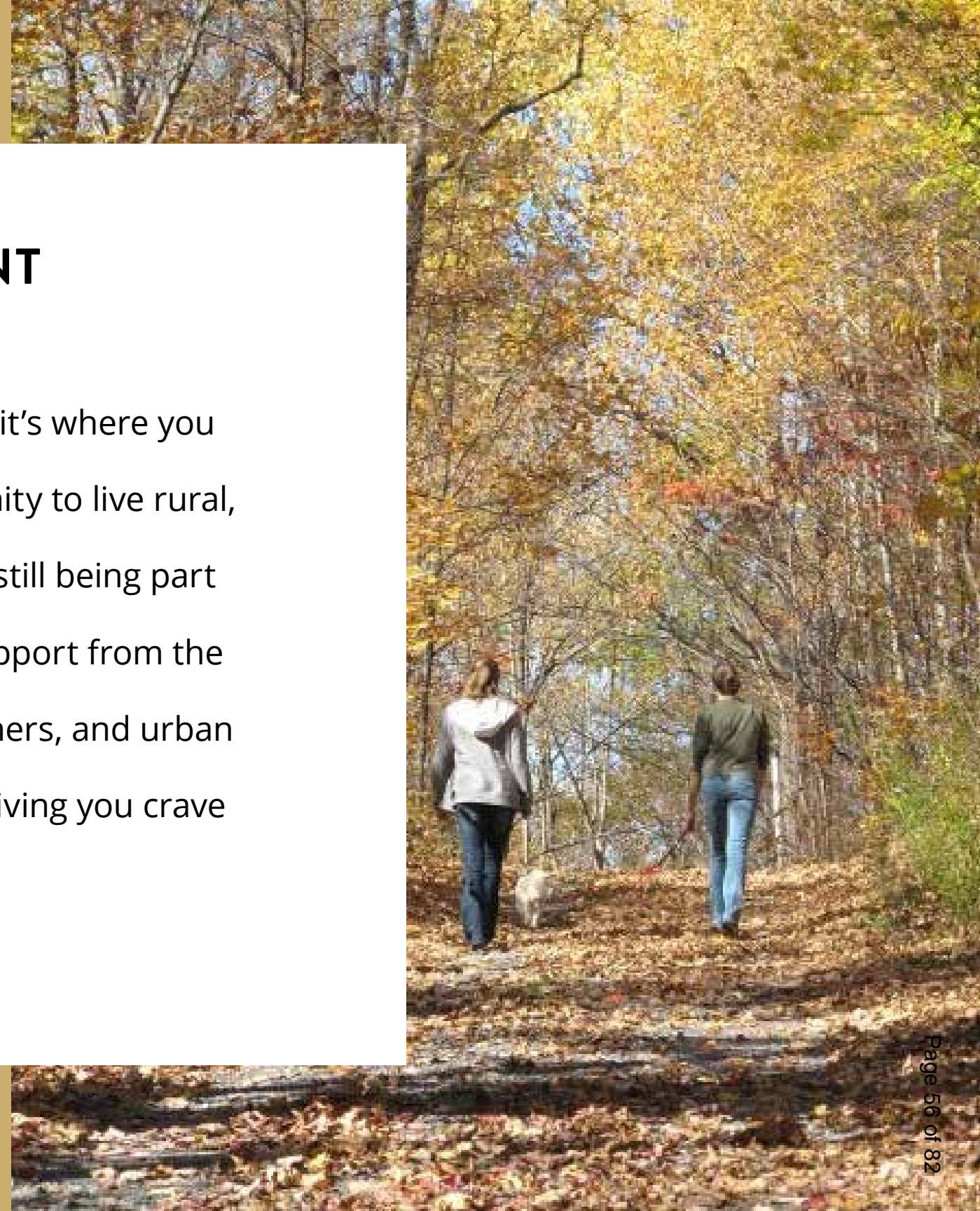


**SOUTH
FRONTENAC**

**BRANDING
POSITIONING**

BRAND POSITIONING STATEMENT

South Frontenac is more than a place; it's a breath of fresh air, it's where you can enjoy a more well-rounded and relaxed life. It's an opportunity to live rural, surrounded by scenic lakes, trails and wide open spaces while still being part of a community. It's small towns with big opportunities, real support from the Township, original offerings from our artisans and business owners, and urban amenities just a short drive away. South Frontenac is the rural living you crave without compromising on convenience.





SHORT-FORM BRAND POSITIONING STATEMENT

South Frontenac is more than a place. It's scenic lakes, trails and wide open spaces and a collection of thriving communities where residents enjoy a more well-rounded, relaxed rural lifestyle while still remaining connected. It's a place of endless opportunities for work, leisure and life.

VALUE PROPOSITION

South Frontenac is unique, in that it offers an ideal and beautiful rural and rugged oasis without losing access to amenities which can be found in our villages and hamlets, and in a larger urban centre nearby. Plus, regardless of where you are in South Frontenac, you can always find a lake, trail or good neighbour close by.



NATURAL

With 75 lakes and countless streams, ponds and natural springs this is a place of beauty and wonder. Where the water stops forests flourish and deer, bears, owls and other wildlife thrive. Here we are champions of, celebrate, and take part in nature.

RESILIENT

We are intertwined with the landscape, without impacting the precious balance needed for this area to thrive. We work with the land, not around it. And in maintaining the integrity of the land, we become adaptable as communities in the way we live.

FRIENDLY

Maybe it's the slower pace of life, the connection to nature or the small town events that help us get to know each other. But here we are just down-to-earth, approachable and ready to lend a hand.

BRAND VALUES

CONVENIENT

With higher education institutes, first rate hospitals, nightlife and many other opportunities just minutes away, South Frontenac is in an ideal location. It's the rural surroundings that you crave without compromising on the urban amenities that you sometimes require.

PEACEFUL

All you have to do is drive in from a larger urban centre to realize there is a certain calmness that you feel once you get to South Frontenac. Less traffic, properties more spaced out, nature all around and lakes and trails at every turn. It's a calm that feeds your soul.

WHOLESOME

Our events are family-friendly, your neighbours will watch out for your kids, the people in neighbouring hamlets will get to know you by name. Nature brings you together on hikes, electronics become secondary, and families can build new traditions.

Next Steps

- Accept feedback and questions from Council tonight
- Seek formal support at April 20th Council meeting
- Steering group and consultant will complete the remaining work
- Begin implementation in late Q2

Questions? Feedback?



**SOUTH
FRONTENAC**



REPORT TO COMMITTEE OF THE WHOLE

CLERKS DEPARTMENT



AGENDA DATE: April 13, 2021

SUBJECT: By-law Enforcement – Service Expectations and Contract Renewal

RECOMMENDATION:

That Committee of the Whole support an extension to the contract with Frontenac Municipal Law Enforcement until the end of 2022; and,

That Committee of the Whole provide feedback to staff regarding perceived by-law enforcement needs or enhancements.

BACKGROUND:

As Council is aware, FMLE provides by-law enforcement, animal control and parking ticket services for South Frontenac. By-laws that are enforced by FMLE include the Safe Properties By-law, Dog Licensing By-law, Waste Management By-law (illegal dumping), Roads and Parking By-law, Trailer Licensing By-law, Building By-law, Zoning By-law, Use of Municipal Parks By-law and others.

At Council's direction in 2015, an RFP was issued for By-law Enforcement. FMLE responded to the RFP along with Commissionaires; however at that time only FMLE were able to offer and quote on providing all the services identified.

On April 14, 2020, Council passed resolution # 2020-9-19 to extend the contract with Frontenac Municipal Law Enforcement to April 30, 2021. It was anticipated that during the extension of the contract staff would start to enhance many of the processes and obtain improved data to have a better understanding of where by-law enforcement resources were and should be directed too. However, due to the pandemic, and while the Frontenac Townships were undertaking their Joint Service Delivery Review, changes to FMLE's operations and data collection were postponed.

Recently, the Clerk and CAO met with representatives of the other Frontenac Townships and the County to discuss the potential of joint tendering for by-law enforcement services, the opportunity to standardize some service delivery, and common data collection and software tools.

Before continuing that discussion, staff is seeking Council's support for a temporary extension with FMLE and for feedback on current by-law enforcement services.

DISCUSSION/ANALYSIS:

This section includes two topics for discussion: 1) Council feedback regarding by-law enforcement needs, and 2) The Township's approach to By-law Enforcement recommendations from the recent Service Delivery Review.

1) Council Feedback Regarding By-law Enforcement Needs

Below are areas of by-law enforcement that staff desire feedback on from Council prior to renewing the Township's agreement with FMLE:



REPORT TO COMMITTEE OF THE WHOLE CLERKS DEPARTMENT



Proactive vs. Reactive Approach

It has been the practice of South Frontenac since amalgamation that by-law enforcement complaints needed to be received in writing and that the Township would only take a “reactive” approach to by-law compliance.

Matters to Consider:

Does the ongoing reactive approach to by-law enforcement (complaint based) continue to be supported by Council?

Are there specific areas where Council wishes to see a more focused, proactive approach to by-law enforcement?

Dog Licensing/Animal Control

Historically the approach has been that FMLE would annually conduct a door to door inspection of properties to determine if dogs were licensed. They were provided with a list of owners who had previously purchased a license for their dog and if an unlicensed dog was found on the property they would issue a “notice to pay” and the pet owner had 30 days to purchase, otherwise legal proceedings as outlined in the by-law would commence. Over the past several years this approach has not been required by the municipality and as such, the revenue from dog tag sales has decreased each year. The table below reflects the revenue since 2017:

	2017	2018	2019	2020
Dog License	\$31,610	\$27,496	\$26,565	\$23,170
Kennel	\$2,650	\$2,625	\$2,625	\$2,250

In discussions with the other Frontenac’s, the door to door approach is not utilized and when considering their geographic area compared to their population, this may not be a cost effective approach and is not a high priority for them.

Matters to Consider:

Is canine licensing a high priority for Council? Should staff direct FMLE to conduct a door to door inspection in South Frontenac annually? This could include two districts per year and would serve to remind residents that they are responsible for licensing dogs; however, this service may result in increased costs under a new agreement. Also, given the ongoing restrictions with respect to COVID, this approach may not be advisable for 2021.

Parking and Stopping on Public Highways

Currently the contract provides for 20 hours per week for patrolling the township for illegal parking and stopping on public highways. While this patrol is conducted year round, a significant amount of annual “ticketing” occurs when the Public Service crews are conducting snow removal and winter control.



REPORT TO COMMITTEE OF THE WHOLE CLERKS DEPARTMENT



As Council is aware, the issue with pedestrians and vehicle safety along the Devil Lake Causeway was an issue last year and it is anticipated it will be again without regular patrolling of the area.

Matters to Consider:

Should by-law be directed to patrol the causeway more regularly in the late evening (this appears to be the time when most violations occur)? Are there areas or times where Council feels additional parking enforcement is required?

Are there any other areas of by-law enforcement that Council has concerns about or feel might require enhanced levels of service?

2) By-Law Enforcement Recommendations from the Joint Service Delivery Review

Joint Service Delivery Review Recommendations

At the November 10, 2020 Committee of the Whole meeting the CAO presented the Final Report for the Joint Frontenac Municipalities Service Delivery Review which was undertaken by StrategyCorp.

The Service Delivery Review (SDR) suggests that the Frontenac's can improve service levels and value for money through coordinated approaches to By-law Enforcement, establishing long-term goals of proactive enforcement driven by data collection.

All the Frontenac municipalities are currently serviced by Frontenac Municipal Law Enforcement (FMLE). The municipalities have identified some common issues with existing service levels, but all municipalities are experiencing an increase in demand for By-law services. The Service Delivery Review proposes a phased approach for improving service levels, cost-recovery, and eventually increasing revenues by entering into an improved joint By-law enforcement contract and through the use of an Administrative Monetary Penalty System (AMPS) to streamline the adjudication process.

On February 18, 2021, the CAO, and Clerk attended a meeting with staff from the other Frontenac Townships and County to discuss the recommendations of the SDR and discuss things like possible software tools, enforcement expectations, enhanced services, etc. We also discussed a possible joint Request for Proposal (RFP) for By-law Enforcement.

On March 24, 2021, the CAO and Clerk met again with staff from the other Frontenac Townships and County and agreed to the following next steps:

- Frontenac Islands and South Frontenac's contracts with FMLE are expiring this year. As a result, both Townships will consider renewing with FMLE separately until 2023 to align with the expiry dates of North Frontenac and Central Frontenac's contracts with FMLE.
- Frontenac County has some limited by-law enforcement needs with respect to the K&P Trail and Weed Inspection and so they will also consider a separate short term contract for these services until 2023.
- The Townships and County will collaborate as they extend their contracts including requests for enhancements and data collection which will assist



REPORT TO COMMITTEE OF THE WHOLE
CLERKS DEPARTMENT



in identifying needs for a possible joint RFP for by-law enforcement services in 2023.

- The County and Townships will work with IT on a possible GIS-based software tool that will assist all Townships' with tracking complaints, inspections, etc.

FINANCIAL/STAFFING IMPLICATIONS:

None at this time, however, the StrategyCorp Report suggested that productivity gains could be realised for each Township through a joint approach to By-law Enforcement, as follows:

South Frontenac	\$15,000
Central Frontenac	\$4,000
North Frontenac	\$15,000
Frontenac Islands	\$2,000
Total	\$36,000

ATTACHMENTS

None

Prepared by:

Angela Maddocks
Clerk

Submitted/approved by:

Neil Carbone
Chief Administrative Officer



**REPORT TO
COMMITTEE OF THE WHOLE**
Public Services Department



AGENDA DATE: April 13, 2021

SUBJECT: Hazardous Household Waste Reporting

RECOMMENDATION:

This report is for information only.

BACKGROUND:

At its regular meeting on February 16, 2021, Council requested information regarding the operation of the Township's Hazardous Household Waste Disposal site located at 2491 Keeley Road.

Specifically, Council had questions regarding the volumes of materials being collected and diverted from the Township's landfills, and sought information about the frequency of use during the summer and winter months based on the current operating schedule.

DISCUSSION/ANALYSIS:

The Hazardous Household Waste Disposal facility is open every Thursday from 3:00pm to 8:00pm throughout the summer months (April – October) and every second and fourth Thursday of the month from 3:00pm to 7:00pm in the winter months (November – March).

The Township's Hazardous Waste contractor, Brendar Environmental Inc., provides regular reporting on the collection and diversion of hazardous waste through the Township's facility, and tracks the volume of traffic attending the site on a daily basis.

Appendix A to this report provides hazardous waste types and volumes that were diverted in 2020. Appendix B provides traffic counts for all of 2019 and 2020.

Staff are satisfied with the current operating schedule given the volume of traffic at the site even during the low season (winter), and based on the high volumes of hazardous waste being diverted from the Township's landfills, thereby extending their life and preventing environmental damage.

STAFFING OR FINANCIAL IMPLICATIONS:

None.

ATTACHMENTS:

1. Appendix A – 2020 Hazardous Household Waste Facility Annual Report
2. Appendix B – 2019/2020 Daily traffic at the Hazardous Waste Facility

Submitted by:

Jamie Brash
Facilities and Solid Waste Supervisor

Approved by:

Neil Carbone
Chief Administrative Officer

The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3



Table of Contents

Overview 1

Inventory Definitions 1

Inventory 1

Environmental and Operational Problems 3

Site Inspections 3

Emergency Response Plan, Operations Report, Closure Plan 3

Summary 3

 Appendix # 1: Monthly Summary of Wastes Generated and Received A

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

Overview

The South Frontenac Municipal Hazardous and Special Waste (MHSW) Depot located at 2491 Keeley Rd., South Frontenac Township, was initially issued its Certificate of Approval (CofA) on July 20th, 2009.

During 2020 the Depot was operated by Brendar Environmental Inc. The operational activities consisted primarily of receiving, sorting, packaging, and shipping of MHSW Materials received from residential sources. In addition, Ewaste was also collected and managed at the site. The depot was open on the 2nd and 4th Thursday 3:00pm-7:00pm during the winter months (January, February, March November, and December) and every Thursday from April to October. Due to the COVID-19 Pandemic, the month of April had no events.

Inventory Definitions

Opening Balance – opening balance refers to the ACTUAL amount of waste on-site at the beginning of the applicable calendar year (i.e., Jan. 1st). A physical inventory count typically confirms the opening balance.

Waste Received – waste received represents all inbound waste materials that were received at the site for the applicable calendar year.

Waste Generated - waste generated represents all outbound waste materials that were shipped from the site for the applicable calendar year.

Closing Balance – closing balance reflects the amount of waste on-site at the end of the calendar year (e.g. December 31st, 2020)

Inventory

During 2020 the Township maintained a detailed inventory along with a shipping log to track the type and quantity of materials on-site and shipped out. The following inventory summary reflects MHSW, Ewaste and Empty plastic containers managed on-site.

The opening balance for the South Frontenac MHSW Depot (on January 1st, 2020) was 3.75 tonnes. During 2020 the facility received approximately 96.03 Tonnes (i.e., MHSW, Ewaste, Empty Plastic Containers) and shipped out (generated) 96.06 tonnes. Based on the above waste movements, the *calculated* closing balance on December 31st, 2020 was approximately 3.72 tonnes.

Table 1 presents a summary of the material balance for the South Frontenac Depot in 2020.

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

Table 1: Material Balance for South Frontenac Depot 2019 (MHSW, Ewaste, Empty Plastic Containers).

Description	Kg	Tonnes
Opening Balance	3,745.00	3.75
Waste Received	96,029.00	96.03
Waste Generated	-96,059.00	-96.06
Closing Balance (calculated)	3,715.00	3.72

A general summary of amount of wastes received and generated on a monthly basis are presented in Figure 1. A more detailed monthly summary of the waste type and quantities received/generated has also been attached to this report (Appendix 1).

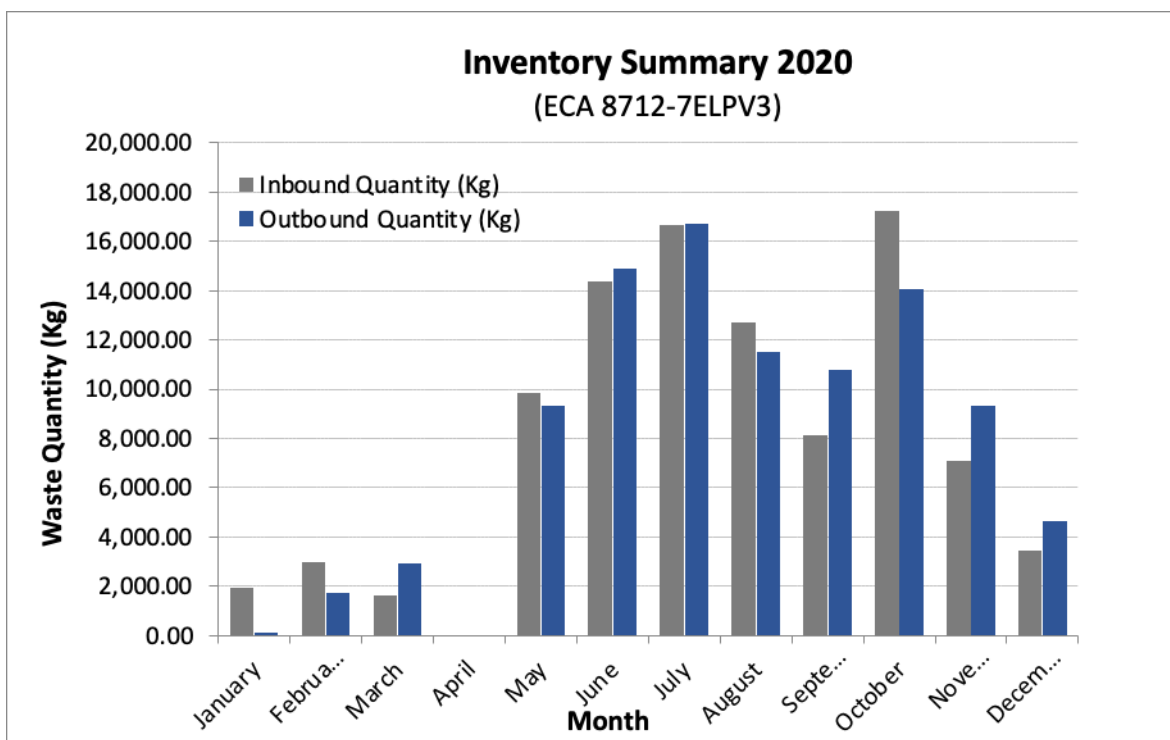


Figure 1: Summary of monthly waste volumes (kg) received and shipped from the South Frontenac Depot in 2020.

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

Environmental and Operational Problems

No environmental or operational problems, that could negatively impact the environment, were observed in 2020.

Site Inspections

All routine inspections (e.g., operating day, quarterly) were conducted as required by condition 25.1 c) of our ECA. No reportable items were identified during these inspections. The inspection log is maintained and retained at the operating site.

Emergency Response Plan, Operations Report, Closure Plan

The Emergency Response Plan and Closure Plan remained unchanged in 2020.

Summary

During 2020 the South Frontenac Depot maintained its operational paperwork and procedures, and have been in compliance with all conditions specified in Environmental Compliance Approval 8712-7ELPV3. Our environmental and compliance programs have been able to perform to the MOE standards and guides. We intend to maintain these standards and continue to adapt and refine procedures in order to further complement this goal.

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

Appendix # 1: Monthly Summary of Wastes Generated and Received

List of Intended Receivers

Receiver Name	Receiver Details
Brendar Environmental Inc	1122 Rosewarne Dr., Bracebridge, ON, P1L 1W9 106 William Henderson Dr., Bath, ON, K0H 1G0
GFL Environmental Corporation	1048 Toy Avenue Pickering, Ontario, L1W 3P1
KIMCO Steel	1325 John Counter Blvd Kingston, ON K7L 4W1
Pnewko Brothers Ltd.	226 Industrial Pkwy N, Unit 7 Aurora, ON L4G 4C3
OES – Ontario Electronic Stewardship	5750 Explorer Drive, Suite 302 Mississauga, ON L4W 0A9

**Monthly Summary of Inbound and Outbound Wastes 2019
(MHSW, Ewaste, Empty Plastic Containers)**

Month	Inbound Quantity (Kg)	Outbound Quantity (Kg)
January	1,962.00	112.00
February	2,988.00	1,748.00
March	1,649.00	2,904.00
April	0.00	0.00
May	9,835.00	9,330.00
June	14,369.00	14,919.00
July	16,642.00	16,742.00
August	12,717.00	11,497.00
September	8,107.00	10,797.00
October	17,211.00	14,041.00
November	7,082.00	9,302.00
December	3,467.00	4,667.00
Total	96,029.00	96,059.00

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

January 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	120.00		
Aliphatic Solvents/Antifreeze	212 L	80.00		
Dry Cell Batteries - Single use	121 C	80.00		
Empty Oil Containers	N/A	112.00	112.00	Pnewko
Fertilizer	147 I	40.00		
Fluorescent Lamps	146 T	50.00		
Inorganic Acids	148 C	80.00		
Inorganic Bases	148 C	80.00		
Oil Filters	252 L	80.00		
Organic Chemicals	263 I	400.00		
Paints_Alkyd	145 I	720.00		
Pesticides	242 A	80.00		
Propane	331 I	40.00		
TOTAL		1962.00	112.00	

February 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	60.00		
Compressed Gas Cylinders	331 R, I	80.00		
Oil/Sludges	252 L	970.00	970.00	GFL
Empty Oil Containers	N/A	71.00	71.00	Pnewko
E-waste	N/A	707.00	707.00	OES
Fluorescent Lamps	146 T	50.00		
Organic Chemicals	263 I	250.00		
Paints_Alkyd	145 I	480.00		
Paints_Latex	145 L	80.00		
Propane	331 I	240.00		
TOTAL		2988.00	1748.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

March 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	60.00	180.00	BEI Loyalist
Bulk Fuel	221 I	200.00	200.00	BEI Loyalist
Compressed Gas Cylinders	331 R, I		80.00	BEI Loyalist
Dry Cell Batt. - Rechargeable	121 C	80	80.00	BEI Loyalist
Empty Oil Containers	N/A	104	104.00	Pnewko
Fire Extinguishers	331 R	80	80.00	BEI Loyalist
Fluorescent Lamps	146 T	125	50.00	BEI Loyalist
Inorganic Bases	148 C	80	80.00	BEI Loyalist
Inorganic Oxidizers	148 C	80	80.00	BEI Loyalist
Organic Chemicals	263 I	240.00	650.00	BEI Loyalist
Paints_Alkyd	145 I	560.00	960.00	BEI Loyalist
Paints_Latex	145 L		80.00	BEI Loyalist
Pharmaceuticals	261 A	40.00	40.00	
Propane	331 I		240.00	BEI Loyalist
TOTAL		1649.00	2904.00	

April 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I			
Aliphatic Solvents/Antifreeze	212 L			
Dry Cell Batteries - Single use	121 C			
Empty Oil Containers	N/A			
E-Waste	N/A			
Fertilizer	147 I			
Fluorescent Lamps	146 T			
Inorganic Acids	148 C			
Oil Filters	252 L			
Oil/Sludges	252 L			
Organic Chemicals	263 I			
Pesticides	242 A			
Propane	331 I			
TOTAL		0.00	0.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

May 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	360.00	360.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	160.00	80.00	BEI Loyalist
Bulk Fuel	221 I	400.00	200.00	BEI Loyalist
Compressed Gas Cylinders	331 R, I	60.00	60.00	BEI Loyalist
Dry Cell Batteries - Single use	121 C	100.00	80.00	BEI Loyalist
Empty Oil Containers	N/A	98.00	98.00	Pnewko
E-waste	N/A	2287.00	2287.00	OES
Fluorescent Lamps	146 T	150.00	125.00	BEI Loyalist
Inorganic Acids	148 C	80.00	80.00	BEI Loyalist
Inorganic Bases	148 C	400.00	400.00	BEI Loyalist
Lithium Batteries	N/A	60.00	60.00	BEI Loyalist
Fertilizer	252 L	80.00	40.00	BEI Loyalist
Oil/Sludges	252 L	980.00	980.00	GFL
Oil Filters	252 L	80.00	80.00	BEI Loyalist
Organic Chemicals	263 I	1800.00	1560.00	BEI Loyalist
Paints_Alkyd	145 I	2520.00	2720.00	BEI Loyalist
Pesticides	242 A	160.00	80.00	BEI Loyalist
Propane	331 I	60.00	40.00	BEI Loyalist
TOTAL		9835.00	9330.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

June 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	480.00	360.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	80.00	160.00	BEI Loyalist
Bulk Fuel	221 I	1400.00	1400.00	BEI Loyalist
Dry Cell Batteries - Single use	121 C	200.00	100.00	BEI Loyalist
Empty Oil Containers	N/A	507.00	507.00	Pnewko
E-waste	N/A	3482.00	3482.00	OES
Fluorescent Lamps	146 T	50.00	200.00	BEI Loyalist
Inorganic Acids	148 C	80.00	80.00	BEI Loyalist
Inorganic Bases	148 C	400.00	240.00	BEI Loyalist
Inorganic Oxidizers	148 C	140.00	140.00	BEI Loyalist
Oil/Sludges	252 L	1650.00	1650.00	GFL
Organic Chemicals	263 I	2350.00	2510.00	BEI Loyalist
Paints_Alkyd	145 I	2400.00	2800.00	BEI Loyalist
Pesticides	242 A	140.00	300.00	BEI Loyalist
Propane	331 I	1010.00	990.00	BEI Loyalist
TOTAL		14369.00	14919.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

July 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	420.00	480.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	240.00	240.00	BEI Loyalist
Bulk Fuel	221 I	800.00	1000.00	BEI Loyalist
Compressed Gas Cylinders	331 R, I	50.00	50.00	BEI Loyalist
Dry Cell Batt. - Rechargeable	121 C		80.00	BEI Loyalist
Dry Cell Batteries - Single use	121 C	80.00	200.00	BEI Loyalist
Empty Oil Containers	N/A	313.00	313.00	Pnewko
E-waste	N/A	6389.00	6389.00	OES
Fertilizer	147 I	80.00	80.00	BEI Loyalist
Fire Extinguishers	331 R	80.00	80.00	BEI Loyalist
Fluorescent Lamps	146 T	180.00	120.00	BEI Loyalist
Inorganic Bases	148 C	240.00	320.00	BEI Loyalist
Oil/Sludges	252 L	2790.00	2790.00	GFL
Oil Filters	252 L	80.00	80.00	BEI Loyalist
Organic Chemicals	263 I	2360.00	2280.00	BEI Loyalist
Paints_Alkyd	145 I	1600.00	1400.00	BEI Loyalist
Pharmaceuticals	261 A	60.00	40.00	BEI Loyalist
Pesticides	242 A	320.00	240.00	BEI Loyalist
Propane	331 I	560.00	560.00	BEI Loyalist
TOTAL		16642.00	16742.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

August 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	300.00	240.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	160.00	80.00	BEI Loyalist
Bulk Fuel	221 I	400.00	200.00	BEI Loyalist
Empty Oil Containers	N/A	510.00	510.00	Pnewko
E-Waste	N/A	5747.00	5747.00	OES
Fluorescent Lamps	146 T	100.00	100.00	BEI Loyalist
Inorganic Acids	148 C	80.00	80.00	BEI Loyalist
Inorganic Bases	148 C	320.00	160.00	BEI Loyalist
Inorganic Oxidizers	148 C	60.00	80.00	BEI Loyalist
Organic Chemicals	263 I	1160.00	1080.00	BEI Loyalist
Organic Peroxide		40.00	40.00	BEI Loyalist
Oil/Sludges	252 L	1740.00	1740.00	GFL
Paints_Alkyd	145 I	1800.00	1200.00	BEI Loyalist
Pesticides	242 A	240.00	160.00	BEI Loyalist
Propane	331 I	60.00	80.00	BEI Loyalist
TOTAL		12717.00	11497.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

September 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	360.00	540.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	160.00	320.00	BEI Loyalist
Bulk Fuel	221 I		400.00	BEI Loyalist
Compressed Gas Cylinders	331 R, I	50.00	50.00	BEI Loyalist
Dry Cell Batteries - Single use	121 C	80.00	160.00	BEI Loyalist
Empty Oil Containers	N/A	577.00	577.00	Pnewko
Lithiums		80.00	80.00	BEI Loyalist
Fertilizer	147 I	80.00	80.00	BEI Loyalist
Fire Extinguishers	331 R	80.00	80.00	BEI Loyalist
Fluorescent Lamps	146 T	100.00	150.00	BEI Loyalist
Inorganic Acids	148 C		80.00	BEI Loyalist
Inorganic Bases	148 C	160.00	480.00	BEI Loyalist
Inorganic Oxidizers	148 C		60.00	BEI Loyalist
Oil/Sludges	252 L	1000.00	1000.00	GFL
Oil Filters	252 L	80.00	80.00	BEI Loyalist
Organic Chemicals	263 I	2200.00	2680.00	BEI Loyalist
Paints_Alkyd	145 I	2200.00	3000.00	BEI Loyalist
Pesticides	242 A	160.00	240.00	BEI Loyalist
Propane	331 I	720.00	720.00	BEI Loyalist
Sharps	312 P	20.00	20.00	BEI Loyalist
TOTAL		8107.00	10797.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

October 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	480.00	240.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	160.00	80.00	BEI Loyalist
Bulk Fuel	221 I	200.00		
Compressed Gas Cylinders	331 R, I	80.00	80.00	BEI Loyalist
Dry Cell Batteries - Single use	121 C	80.00		
Power Packs		240.00		
Empty Oil Containers	N/A	256.00	256.00	Pnewko
E-Waste	N/A	8545.00	8545.00	OES
Fire Extinguishers	331 R, I	80.00	80.00	BEI Loyalist
Fertilizer	147 T	160.00	160.00	BEI Loyalist
Fluorescent Lamps	146 T	190.00	120.00	BEI Loyalist
Inorganic Acids	148 C	80.00		
Inorganic Bases	148 C	480.00	240.00	BEI Loyalist
Inorganic Oxidizers	148 C	80.00		
Oil/Sludges	252 L	900.00	900.00	GFL
Oil Filters	252 L		80.00	BEI Loyalist
Organic Chemicals	263 I	2140.00	1300.00	BEI Loyalist
Paints_Alkyd	145 I	2400.00	1600.00	BEI Loyalist
Pesticides	242 A	300.00	240.00	BEI Loyalist
Pharmaceuticals	261 A	60.00	60.00	BEI Loyalist
Propane	331 I	300.00	60.00	BEI Loyalist
TOTAL		17211.00	14041.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

November 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	180.00	300.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	80.00	80.00	BEI Loyalist
Bulk Fuel	221 I		200.00	BEI Loyalist
Batteries Wet Sealed			240.00	BEI Loyalist
Dry Cell Batteries - Single use	121 C		80.00	BEI Loyalist
Empty Oil Containers	N/A	191.00	191.00	Pnewko
E-Waste	N/A	2421.00	2421.00	OES
Fertilizer	147 I	80.00	80.00	BEI Loyalist
Fluorescent Lamps	146 T	60.00	80.00	BEI Loyalist
Inorganic Bases	148 C	80.00	320.00	BEI Loyalist
Inorganic Oxidizers	148 C		80.00	BEI Loyalist
Oil/Sludges	252 L	1950.00	1950.00	GFL
Organic Chemicals	263 I	980.00	1240.00	BEI Loyalist
Paints_Alkyd	145 I	1000.00	1600.00	BEI Loyalist
Pesticides	242 A		140.00	BEI Loyalist
Propane	331 I	60.00	300.00	BEI Loyalist
TOTAL		7082.00	9302.00	

**The Corporation of the Township of South Frontenac
2020 Annual Report
Certificate of Approval 8712-7ELPV3**

December 2020

Material Type	Waste Class	Inbound Quantity (Kg)	Outbound Quantity (Kg)	Outbound Receiver
Aerosols	331 I	120.00	240.00	BEI Loyalist
Aliphatic Solvents/Antifreeze	212 L	80.00	80.00	BEI Loyalist
Bulk Fuel	221 I	200.00		
Dry Cell Batteries - Single Use	121 C	80.00		
Batteries Lithium		40.00	40.00	BEI Loyalist
Empty Oil Containers	N/A	157.00	157.00	Pnewko
Fluorescent Lamps	146 T	30.00	90.00	BEI Loyalist
Inorganic Acids	148 C	80.00	80.00	BEI Loyalist
Inorganic Bases	148 C	80.00	80.00	BEI Loyalist
Inorganic Oxidizers	148 C	80.00	80.00	BEI Loyalist
Oil/Sludges	252 L	660.00	1620.00	GFL
Oil Filters	252 L	80.00		
Organic Chemicals	263 I	760.00	860.00	BEI Loyalist
Paints_Alkyd	145 I	800.00	1200.00	BEI Loyalist
Pesticides	242 A	160.00	80.00	BEI Loyalist
Propane	331 I	60.00	60.00	BEI Loyalist
TOTAL		3467.00	4667.00	

2019-2020 South Frontenac Car Counts

2019	Car Count	2020	Car Count	Quarterly Summary			
10-Jan-19	46	8-Jan-20	44	Year	2019	2020	% Difference
24-Jan-19	28	22-Jan-20	45	Quarter			
14-Feb-19	24	13-Feb-20	35	Jan-Mar	217	158	72.8
28-Feb-19	36	12-Mar-20	34	Apr-Jun	707	660	93.4
14-Mar-19	32	7-May-20	84	Jul-Sept	781	994	127.3
28-Mar-19	51	14-May-20	73	Oct-Dec	470	701	149.1
4-Apr-19	26	21-May-20	90	Total	2175	2513	115.5
11-Apr-19	60	28-May-20	91	CENTRAL FRONTENAC USAGE			
18-Apr-19	42	4-Jun-20	76	2019	44 Vehicles	\$50	\$2,200.00
25-Apr-19	76	11-Jun-20	89	2020	52 Vehicles	\$50	\$2,600.00
2-May-19	56	18-Jun-20	87				
9-May-19	69	25-Jun-20	70				
16-May-19	58	2-Jul-20	67				
23-May-19	45	9-Jul-20	77				
30-May-19	62	16-Jul-20	68				
6-Jun-19	48	23-Jul-20	81				
13-Jun-19	57	30-Jul-20	69				
20-Jun-19	58	6-Aug-20	87				
27-Jun-19	50	13-Aug-20	62				
4-Jul-19	49	20-Aug-20	75				
11-Jul-19	51	27-Aug-20	70				
18-Jul-19	67	3-Sep-20	72				
25-Jul-19	63	10-Sep-20	70				
1-Aug-19	58	17-Sep-20	100				
8-Aug-19	63	24-Sep-20	96				
15-Aug-19	50	1-Oct-20	85				
22-Aug-19	72	8-Oct-20	87				
29-Aug-19	61	15-Oct-20	75				
5-Sep-19	68	22-Oct-20	84				
12-Sep-19	52	29-Oct-20	87				
19-Sep-19	70	12-Nov-20	98				
26-Sep-19	57	26-Nov-20	101				
3-Oct-19	68	10-Dec-20	84				
10-Oct-19	78						
17-Oct-19	50						
24-Oct-19	47						
31-Oct-19	63						
14-Nov-19	46						
28-Nov-19	70						
12-Dec-19	48						