

**TOWNSHIP OF ESSA
CONSENT AGENDA
WEDNESDAY, JUNE 19, 2019**

A – ITEMS RECEIVED AS INFORMATION

- p. 1 1. Minutes from Edible Essa dated May 30, 2019.
- p. 3 2. Correspondence from the Ministry of Infrastructure dated May 31, 2019, re: Requirement for Finalized Strategic Asset Management Policy by July 1, 2019.
- p. 6 3. Correspondence from the Canadian Weather Radar Replacement Project Manager dated June 12, 2019, re: Test and Development Radar Site.
- p. 22 4. Correspondence from the Ministry of Municipal Affairs and Housing dated June 12, 2019, re: *More Homes, More Choice Act, 2019* (Bill 108).
- p. 24 5. Media Release from the Nottawasaga Valley Conservation Authority (NVCA), re: New Conservation Lands Protect Springwater Forest.
- p. 26 6. Thank-you card from the students of Baxter Elementary Public School.

B – ITEMS RECEIVED AND REFERRED TO SERVICE AREA FOR ACTION

None to be presented.

C – ITEMS RECEIVED AND REFERRED TO SERVICE AREA FOR REVIEW AND REPORT TO COUNCIL

None to be presented.



Together we can share a growing experience
Minutes

Date: Thursday, May 30, 2019 @ 3pm

Location: Camphill, Angus Branch

Edible Essa is a conversation rooted in food literacy, environmental stewardship, and community connectedness. Mission: Growing good food. And sharing it.

Present: Breagh Beaver, Allan Kuhn & Annette, Susanna Malick, Paddy Ormistan & friends, Glenda Newbatt, Laura Wark, Sandi White, Maggie Curran, Michelle Matthews, Anne Sharpe.

Welcome

Introduction by Annette

Overview of Camphill and Biodynamic Farming philosophy, Allan Kuhn

Community Partner updates

Angus Farmers' Market (Glenda, Allan, Sandi): Plans are in the works. There is room for more primary vendors.

Aware Essa (Maggie, Anne): Hoping the Tree Seed Plant will be designated as an Arboretum.

Camphill (Allan, Annette): Sharing of philosophies.

Community Share Gardens on campus @ Library & Arena (Michelle):

- two of four new signs have been installed in the Community Share Gardens that inform visitors the fruits and vegetables are available to everyone; one is next to the Gooseberries near "Idris" plot and the largest one is near the Rec centre beside "Alera" and "Barsoom" Container Gardens. The next two will be installed the first week of June.
- we are trying Sunflowers against the Gymnasium wall at the Rec centre, to gain attention for the Community Share Gardens and a little edible colour
- 18 students from Mr. Ford's Grade 10 Hospitality Class helped with gardening chores around the front gardens on May 30. Tasks included raking, levelling, stringing peas, watering and guerrilla gardening - random sowing of sunflowers and milkweed on school property.
- we are planting a cover crop only on "Deltora" this year. Last year this plot was potatoes and kale, this year we will give it a chance to grow in nutrients with sunflowers and zucchini and weeds!
- we are building our watering roster for the summer. If you are available for an afternoon or evening and did not sign up through the Roster Roundup please contact Glenda <gnewbatt@essa.library.on.ca>
- four of our twelve garden beds have been adopted by the following community groups:

A map of the Community Share Garden Plots is available at the Library.

Moondance Organic Gardens (Paddy & friends): Lots of work going on.

Meeting adjourned at 5pm.

Ministry of InfrastructureOffice of the Assistant Deputy Minister
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Email : adam.redish@ontario.ca**Ministère de l'Infrastructure**Bureau du sous-ministre adjointe
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Courriel : adam.redish@ontario.ca

May 31, 2019

From: Adam Redish, ADM, Infrastructure Policy Division

Dear Mayor/CAO/Stakeholder:

In December 2017, the province introduced the Ontario Regulation 588/17 Asset Management Planning for Municipal Infrastructure under the *Infrastructure for Jobs and Prosperity Act*, 2015. Given that municipalities like yours own a significant portion of public infrastructure in Ontario, the delivery of critical services like roads, bridges, water and wastewater rely on well-planned and well-maintained infrastructure. Good asset management planning helps municipalities make forward-thinking, evidence-based decisions about their assets.

Through recent consultations led by the Ministry of Municipal Affairs and Housing on burden reduction, we heard from municipalities and municipal stakeholder organizations that communities are looking for proactive reminders on reporting dates. Therefore, we would like to take this opportunity to remind you that all municipalities must have a finalized strategic asset management policy in place by July 1st of this year. Further requirements are being phased in from 2019 to 2024. A summary table outlining key regulatory milestones can be found in the addendum to this letter.

We also want to make sure that communities are aware that provincial funding programs for municipal infrastructure are aligned with the requirements of the regulation. For example, under the current intakes of the Investing in Canada Infrastructure Program (ICIP), successful municipal applicants will be required to:

- Complete an asset management planning self-assessment questionnaire before entering into a transfer payment agreement with the Province; and
- Submit their strategic asset management policy and asset management plans in accordance with the regulation for the duration of the project.

This means that if a municipality's capital project is approved by the province under ICIP in 2020 - with a project completion date of 2022 - the municipality would be required to immediately submit a copy of its strategic asset management policy upon provincial approval of the project. The municipality would also be required to submit its asset management plan for core infrastructure by July 1, 2021 to remain eligible for funding. Additional details will be made available through transfer payment agreements.

The Ministry will be conducting random audit checks for compliance of submitted strategic asset management policies and asset management plans annually.

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We also want to make sure you are aware that the province is providing tools and supports to help municipalities, particularly smaller communities, to implement the requirements of the regulation. An initial offering of tools and supports has been made available. This includes:

- A strategic asset management policy toolkit, which is available to all municipalities. It provides valuable guidance to help municipalities meet the first set of requirements set out in the regulation before July 1, 2019.
- Expert assessments through the AMP It Up 2.0 initiative delivered by the Municipal Finance Officers' Association, which is targeting municipalities with populations of less than 25,000 to help them develop and improve their asset management plans.
- Expansion of communities of practice activities delivered by Asset Management Ontario, including guidance materials, group seminars and online forums for public sector asset management practitioners across Ontario.

Investing in the right infrastructure, at the right time, and in the right place will help stretch capital dollars and sustain critical services across Ontario. The province will continue to work with municipalities across Ontario to help address infrastructure challenges. For more information on asset management planning, including tools and supports available, please visit our new Municipal Asset Management Planning web page.

If you have questions, please do not hesitate to contact us at MunicipalAssetManagement@ontario.ca

Sincerely,



Adam Redish
Assistant Deputy Minister
Infrastructure Policy Division

ADDENDUM – ASSET MANAGEMENT REGULATION MILESTONES

| Date | Milestone |
|--------------|---|
| July 1, 2019 | Date for municipalities to have a finalized strategic asset management policy that promotes best practices and links asset management planning with budgeting, operations, maintenance and other municipal planning activities. |
| July 1, 2021 | Date for municipalities to have an approved asset management plan for core assets (roads, bridges and culverts, water, wastewater and stormwater management systems) that identifies current levels of service and the cost of maintaining those levels of service. |
| July 1, 2023 | Date for municipalities to have an approved asset management plan for all municipal infrastructure assets that identifies current levels of service and the cost of maintaining those levels of service. |
| July 1, 2024 | Date for municipalities to have an approved asset management plan for all municipal infrastructure assets that builds upon the requirements set out in 2023. This includes an identification of proposed levels of service, what activities will be required to meet proposed levels of service, and a strategy to fund these activities. |

From: Savard2, Sylvain (EC) [<mailto:sylvain.savard2@canada.ca>]
Sent: June 12, 2019 3:45 PM
To: Aimee Powell <apowell@essatownship.on.ca>
Cc: Wong, Ingrid (EC) <ingrid.wong@canada.ca>; Bartlett, Viviane (EC) <viviane.bartlett@canada.ca>; Thibodeau, Ginette (EC) <ginette.thibodeau@canada.ca>; Gilbank, Andrew (EC) <andrew.gilbank@canada.ca>; Laramée, Sylvain (EC) <sylvain.laramée@canada.ca>
Subject: ECCC - CWRRP - LUA for Trg, Test and Development Radar Site

Dear Ms. Powell (Aimee) – LUA for CARE (Egbert, ON) Trg, Test and Development Radar Site

It was a pleasure to speak with you this afternoon to initiate discussions with your office, as the land-use authority for the Trg, Test and Development Radar Site located at 44°13'51.5"N 79°46'48.2"W ([Google Maps](#)), your support will necessary for the successful replacement of this infrastructure. The new radar will serve as a radar for training, test and development purposes. This radar will only operate intermittently when needed for technical or scientific training courses or to test software or hardware changes before they are applied to the other operational radars across the country. With respect to the structure itself, it is composed of an open lattice up to 19-metre high steel tower with an 11.8-metre diameter radome on top, for a total maximum height of approximately 32 metres including lightning protection rods (attached is picture of 29m high tower). The foundation construction are expected to start in fall 2019.

As you may know, the Honorable Catherine McKenna, Minister of Environment and Climate Change Canada (ECCC), announced on February 28, 2017, that the Government of Canada is investing in the modernization of its Infrastructure for weather forecasting, specifically for the modernization of its radar network and its high performance computing system. You can consult the press release on our [website](#). The news was very well received by the media. In addition, I invite you to visit our Web site on the [Canadian Weather Radar Replacement Program](#) for brief overview of our project.

The replacement contract was awarded to Leonardo (a.k.a Selex), from Germany. Leonardo is working with a Canadian company which provides site engineering services for communication, inspection and project management. Note that since the new radar is located on federal property, ECCC is not required to obtain provincial or municipal licenses when it installs anything on federal real property (federal property) - as does its contractor / sub-contractor.

As discussed on the phone, we must meet a set of requirements established by Innovation, Science and Economic Development Canada (ISED) to obtain the operating license (for full details, please see [this page](#)). One of the requirements concerns the conduct of public consultation and land-use authority (LUA) processes.

For the public consultation, it is officially launched when a notice is published in two local newspapers (Alliston Harold and Base Borden newspapers). We do not yet have

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a specific date for the publication date, but this will be done before the end of June 2019. At the public consultation, residents will be invited to send us their questions and concerns in writing and we will respond in within the time limits. For the second LUA consultation, we will send you a detailed plan of our activities in order to obtain the final approval of the proposal by the appropriate committee (letter of compliance) from your municipality.

In addition, you will find a brief presentation of our project and the consultation process.

Bonne journée!

Sylvain Savard

Gestionnaire du Projet de remplacement des radars météo canadien
Service météorologique du Canada
Environnement et changement climatique Canada / Gouvernement du Canada
Sylvain.savard2@canada.ca / Tél : 819-938-5561 Cel : 819-639-4443

Canadian Weather Radar Replacement Project Manager
Meteorological Service of Canada
Environment and Climate Change Canada / Government of Canada
Sylvain.savard2@canada.ca / Tel : 819-938-5561 Cel : 819-639-4443

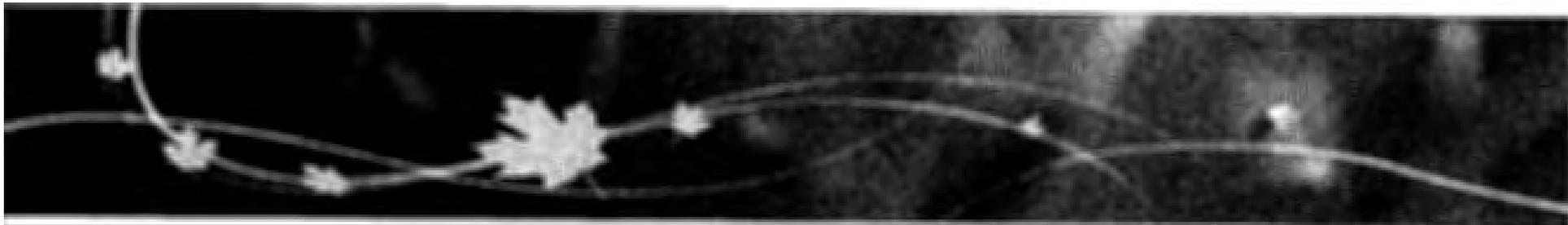
Office 7044
351 St. Joseph (Place Vincent-Massey)
Gatineau QC
K1A 0H3



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Overview

February 2018

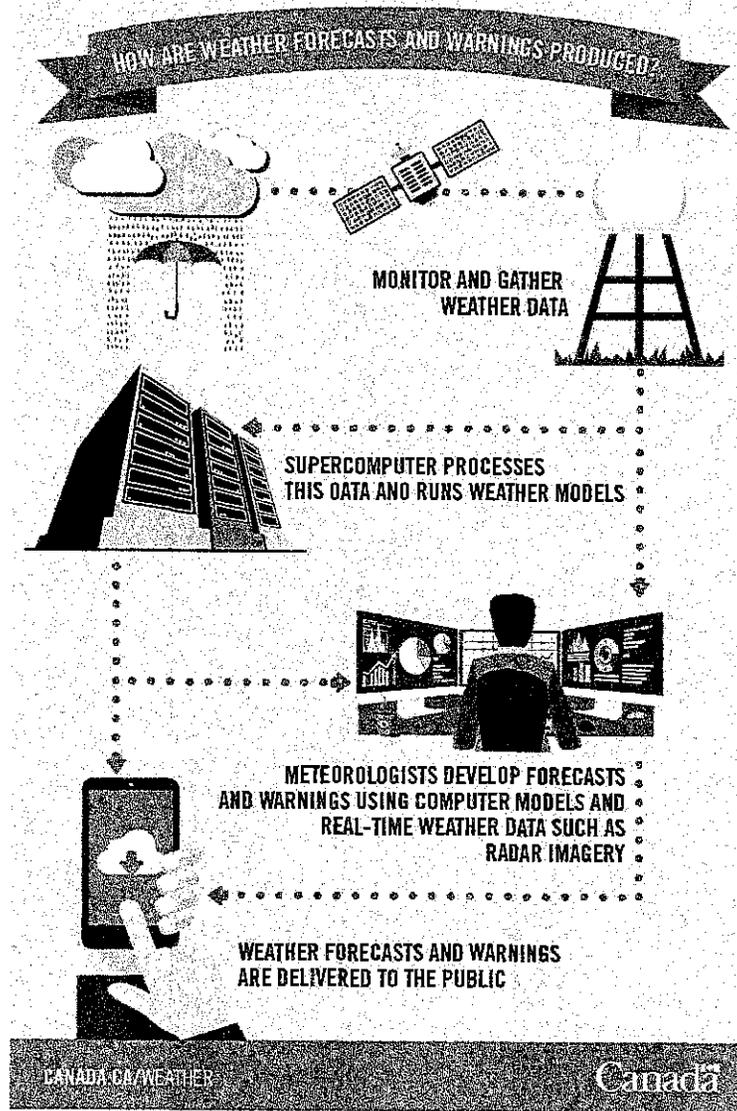
The Canadian Weather Radar Replacement Program

The CWRRP is 7 year infrastructure replacement initiative to deliver a modernized and fully life cycle managed weather radar network by March 2023. Selex ES GmbH was awarded a contract in June 2016 for the design, construction and installation of 20 "turnkey" weather radar systems and infrastructure (with options for 13 additional radars).

CWRRP OUTCOMES

- Higher data quality and better severe summer and winter weather detection to support an overall improved weather warnings performance.
- Extended range to cover more of Canada, increasing the geographic area that forecasters can monitor for severe weather.
- Extended coverage allow for overlap of neighboring radars for better business continuity.
- Network based on a common commercially produced system, making it more efficient and less costly to operate and support.

The production of forecasts and warnings and the meteorological radar



- Meteorologists use data from several monitoring networks:
 - Satellite images;
 - High altitude surveys;
 - Network of weather observation stations;
 - Meteorological observations of ships / aircraft / buoys;
 - Supercomputer;
 - International collaboration for data sharing.
- Weather radar is one of the main tools used by our meteorologists to issue more accurate and timely severe weather warnings.
- It plays a key role in producing short-term forecasts and weather warnings.

Modernization of the Canadian radar system

These radars will enable meteorologists to more rapidly detect threatening meteorological conditions and thereby give greater notice to the public to take the necessary measures to ensure its protection and that of its property.

This new generation of radars will be at the cutting edge of technology:

- To better distinguish the type of precipitation and the size of the particles:
 - Rain in all its forms (weak, moderate or strong);
 - Low level drizzle near the radar;
 - Snow in all its forms (weak, moderate or strong);
 - Ice in the form of hail, sleet and snow in grain.
- To better estimate the wind speed and the amount of precipitation.

NEW WEATHER RADARS
TO BETTER FORECAST SEVERE WEATHER

INCREASED DOPPLER RANGE FROM 120 KM TO 240 KM PER RADAR:

- PROVIDE EXTENDED TORNADO DETECTION RANGE
- ALLOW FOR BETTER OVERLAP OF NEIGHBOURING RADARS IN CASE OF AN OUTAGE

DUAL-POLARIZATION TECHNOLOGY
ENABLE FORECASTERS TO BETTER DISTINGUISH BETWEEN RAIN, SNOW, HAIL AND FREEZING RAIN

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 hrs

GIVE CANADIANS GREATER LEAD TIME TO PROTECT THEMSELVES FROM TORNADOES AND OTHER SEVERE WEATHER

BETTER SERVING WEATHER-SENSITIVE INDUSTRIES WITH HIGHER DATA QUALITY AND CONSISTENCY TO PREPARE FOR SEVERE WEATHER EVENTS

CANADA.CA/WEATHER

Canada



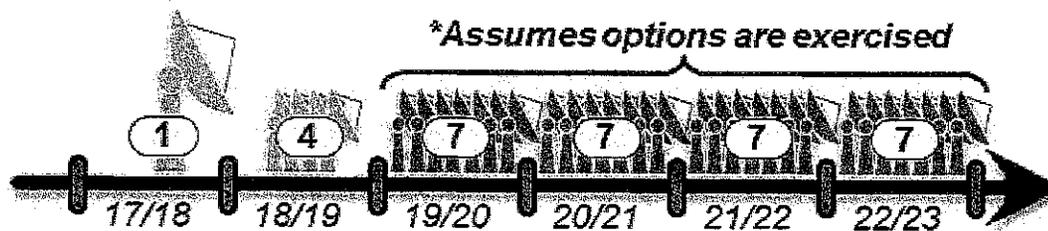
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CWRRP Implementation Phase

- Site Preparation:
 - Upgrade site electrical feed and data bandwidth.
 - Ensure site accessibility for construction.
- System Data Adaptation:
 - **Update the internal processing systems to ensure data ingest.**
- Construction is conducted by Selex ES
 - 'Turn-Key' operationally ready site installations.
 - Using a ramp up installation schedule to ensure operational quality
- Decommissioning: Remove obsolete C-band systems on site



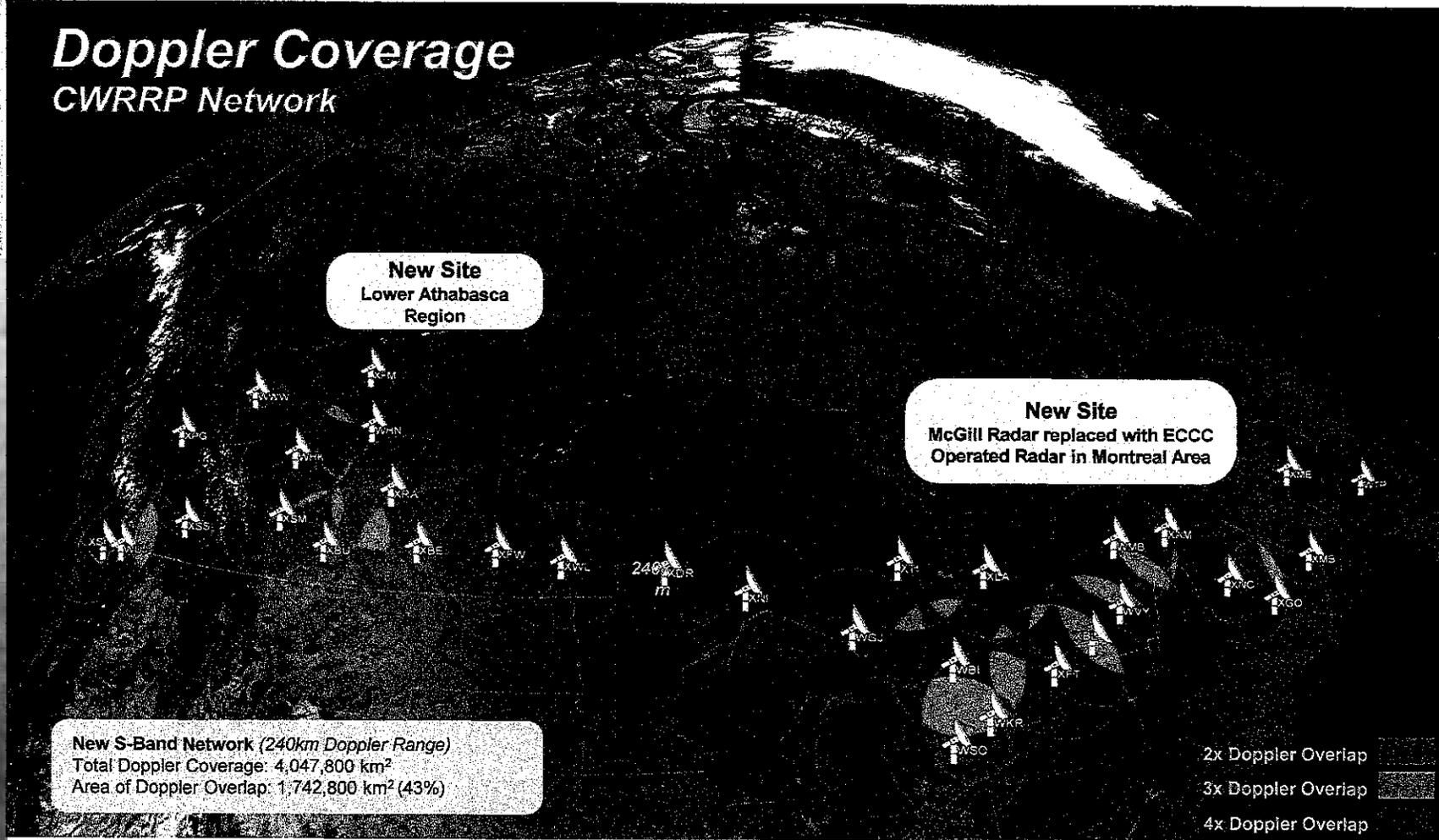
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The New Radar Network (2023)

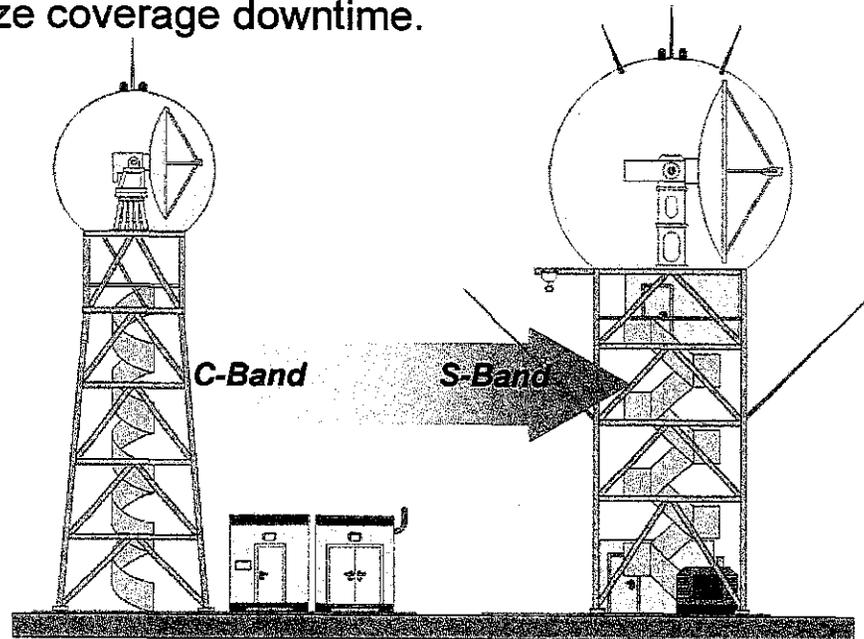
Doppler Coverage CWRRP Network



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Installation - considerations

- A decision on option systems would be pending analysis of operational performance of first systems.
- Replacement order across the country considers several factors, severe weather seasons will shape the timing within each year the installation occurs.
- With few exceptions, the new radars will be installed on existing sites – adjacent to the C-Band radar.
- The existing C-Band radars will operate during the construction period where safety allows, to minimize coverage downtime.



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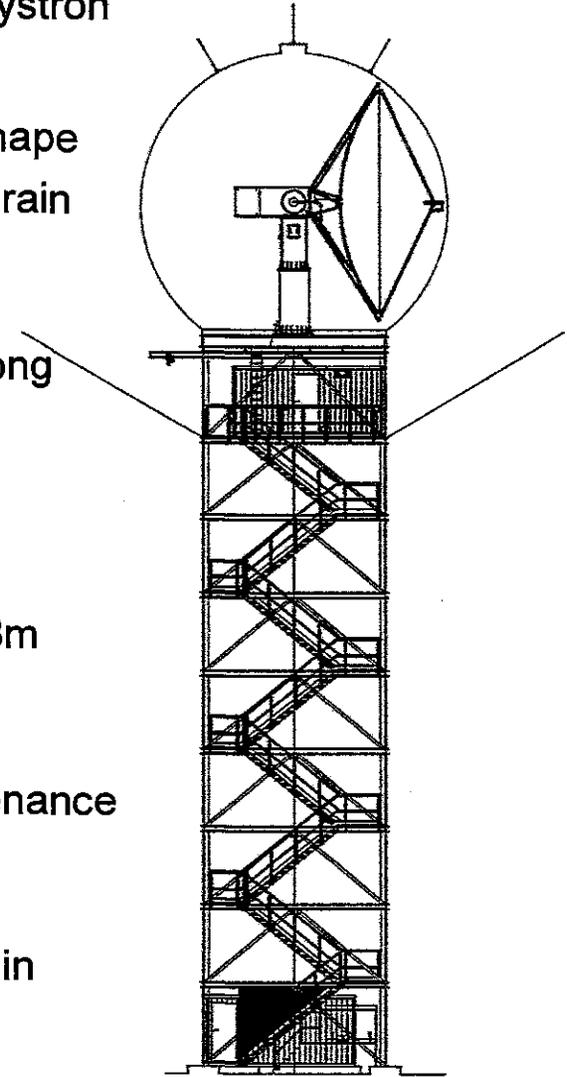
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Selex ES METEOR 1700SDP09

The new radars use Selex ES's operationally proven 1700S klystron radars, with enhanced sensitivity for winter severe weather:

- **Dual Polarization technology:** More information on the shape and fall mode of different kinds of hydrometeors, improved rain rate estimation, and overall data quality.
- **S-Band frequency:** Improved measurement precision at long ranges during heavy precipitation events.
- **240 km Doppler range:** 2x the current C-Band range.
- **Physical dimensions:** 9.15m parabolic antenna dish, 11.8m radome, Steel lattice tower (16-28m, site dependent).
- **Lower Operational Costs:** Reduction in scheduled maintenance frequency from 6/year to 2/year.
- **Enhanced Reliability:** Extensive lightning protection, built in system redundancy, remote calibration utilities.



ISED's General and Technical Requirements to obtain the radiocommunication license

Pursuant to section 5 of the Radiocommunication Act, a proponent is responsible for following the process outlined in document CPC-2-0-03 (Radiocommunication and Broadcast Antenna Systems). This process describes in detail all the steps necessary to obtain an operating license for the construction of the radar. It includes a consultation process and the obligation to meet general and technical requirements.

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08777.html>



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ISED's General and Technical Requirements to obtain the radiocommunication license

- **Process overview**

1. Investigating sharing or using existing infrastructure before proposing new antenna-supporting structures.
2. Contacting the land-use authority (LUA) to determine local requirements regarding antenna systems.
3. Undertaking public notification and addressing relevant concerns, whether by following local LUA requirements or Industry Canada's default process, as is required and appropriate.
4. Satisfying Industry Canada's general and technical requirements.
5. Completing the construction.

It is Industry Canada's expectation that steps (2) to (4) will normally be completed within **120 days**.



ISED's General and Technical Requirements to obtain the radiocommunication license (con't)

- **Land-Use Authority Consultation process:** The aim of this consultation is to:
 1. Discuss site options;
 2. Ensure that local processes related to antenna systems are respected;
 3. Address reasonable and relevant concerns (see Section 4.2) from both the land-use authority and the community they represent; and
 4. Obtain land-use authority concurrence in writing.

- **Industry Canada's Default Public Consultation Process**
 1. Provides written notification to the public, the land-use authority and Industry Canada of the proposed antenna system installation or modification (i.e. public notification);
 2. Engages the public and the land-use authority in order to address relevant questions, comments and concerns regarding the proposal (i.e. responding to the public); and
 3. Provides an opportunity to the public and the land-use authority to formally respond in writing to the proponent regarding measures taken to address reasonable and relevant concerns (i.e. public reply comment).



ISED's General and Technical Requirements to obtain the radiocommunication license (con't)

- **General Requirements**

- Compliance with Health Canada's Safety Code 6 guideline for the protection of the general public;

<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/safety-code-6-health-canada-radiofrequency-exposure-guidelines-environmental-workplace-health-health-canada.html>

- Compliance with radio frequency immunity criteria;
- Notification of nearby broadcasting stations;
- Environmental considerations; and
- Transport Canada/NAV CANADA aeronautical safety responsibilities.

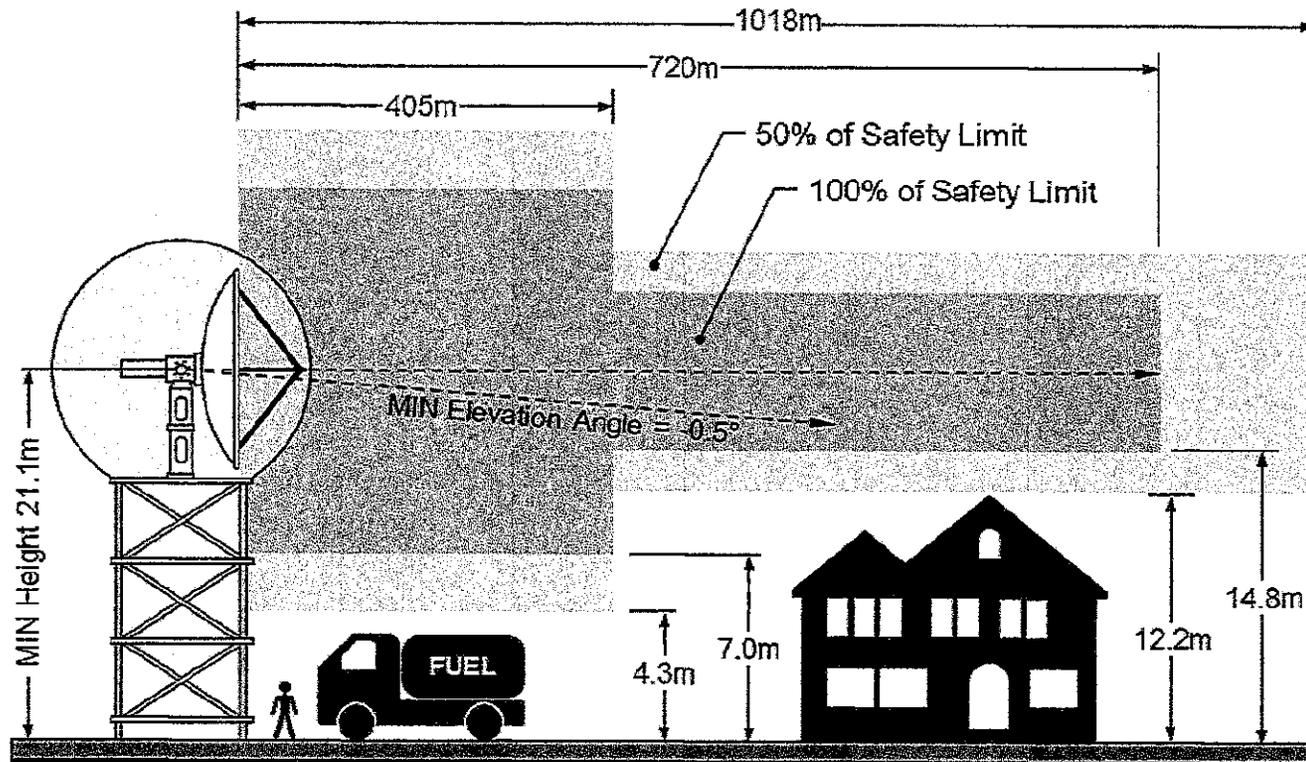
- **ECCC initiates the processes and requests to ensure each requirements are met.**



Safety Code 6

"Limits of Human Exposure to Electromagnetic Radiofrequency Fields in the Frequency Range from 3 KHz to 300 GHz" of Health Canada "

This image demonstrates the area of radiation studied to comply with Health Canada's Safety Code 6. It is noted that the radius emitted by the radar never touches the ground even with a minimum elevation of the antenna.



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CWRRP Contacts

- **Management Team Members**

- Sylvain Laramee, Director (sylvain.laramee@canada.ca)
- Sylvain Savard, Project Manager (sylvain.savard2@canada.ca)
- Peter Leibiuk, P.Eng, Engineering Authority (Ppeter.leibiuk@canada.ca)
- Qian Li, Science Liaison (qian.li@canada.ca)

- **General Inquiries:** ec.prrmc-cwrrp.ec@canada.ca

- **Webpage of the project – information will be added as its become available**

- English: <http://ec.gc.ca/meteo-weather/default.asp?lang=En&n=12F77134-1>
- French: <http://ec.gc.ca/meteo-weather/default.asp?lang=Fr&n=12F77134-1>



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19-3439

June 12, 2019

Dear Head of Council:

I am writing further to my letter of June 7, 2019, regarding the *More Homes, More Choice Act, 2019* (Bill 108) to advise that the Act received Third Reading and Royal Assent on June 6, 2019. Although the legislation has passed, the changes to the *Development Charges Act* and *Planning Act* included in Schedules 3 and 12 of the Act will come into force on a day to be identified by proclamation.

We will be holding a teleconference which will provide an opportunity to receive feedback and input from municipalities as part of our consultation on the changes to the *Development Charges Act* and *Planning Act*, as well as the related regulatory changes being proposed, and implementation of the community benefits authority. I encourage you to attend and to forward this invitation to the appropriate staff in your municipality, such as the planning lead for your community and your treasurer.

There are two options to join the teleconference: Tuesday, June 18th, 2019 from 2:30 to 3:30 pm or 4:00pm to 5:00pm. Meeting materials will be shared by email on Tuesday morning, including details on how to join the call.

If you plan to attend the teleconference, please RSVP by 5:00 pm on Monday, June 17th, 2019 to PlanningConsultation@ontario.ca or call 1-855-776-8011. If you have any questions that you would like to ask at the teleconference, please submit them when you RSVP. We will make every effort to answer your questions at the teleconference.

Regardless of whether you can attend the teleconference, I encourage you to provide your comments on the proposed regulatory changes through the [Environmental Registry of Ontario](#).

I look forward to our continued collaboration on this important initiative.

Sincerely,

A handwritten signature in cursive script that reads "Steve Clark".

Steve Clark
Minister

c: Chief Administrative Officer

The More Homes, More Choice Act, 2019

Changes to the Planning Act, Development Charges Act and Related Regulations

Date: June 18, 2019

Teleconference Details to Follow

Agenda

| 2:30 to 3:30 pm | 4:00 to 5:00 pm |
|---------------------------------------|---------------------------------------|
| 2:30 Welcome and Introductions | 4:00 Welcome and Introductions |
| 2:35 Overview Presentation | 4:05 Overview Presentation |
| 2:50 Questions and Answers | 4:20 Questions and Answers |
| 3:25 Wrap Up | 4:55 Wrap Up |
| 3:30 End of Teleconference | 5:00 End of Teleconference |



**Nottawasaga Valley
Conservation Authority**

MEDIA RELEASE

FOR IMMEDIATE RELEASE

New conservation lands protect Springwater forest

Donation by John and Rosemary Dunsmore preserves 114-acres forest for future generations



Stone marking the 114-acre donation of the Dunsmore Management Area unveiled on June 4, 2019.

Springwater Township, Ontario (June 4, 2019) – The Nottawasaga Valley Conservation Authority (NVCA) officially dedicated the new Dunsmore Management Area in Midhurst, Springwater Township, earlier today.

John and Rosemary Dunsmore generously donated this 46-hectare (114-acre) forested property to the NVCA through Environment Canada's EcoGift Program.

"We worked over 30 winters in this bush using selective cutting and good managed forest practices," said John Dunsmore. "The NVCA has agreed to take over our managed forest plan and continue this effort."

Heavily logged in the 1920s, the forest has regenerated into a sanctuary for wildlife. It forms a corridor between the provincially significant wetlands in Dalston and those around Little Lake.

The Dunsmores' gift is part of the NVCA's conservation lands acquisition program, which looks to secure properties that protect ground and surface waters, as well as areas that offer significant habitat for wildlife.

"We want to protect this natural area so future generations could enjoy all it has to offer," added Mr. Dunsmore. "The forest is a refuge for animals and plants, and connects two wetlands. Protecting it will help to preserve the wetlands and help combat climate change."

Over the past 40 years, NVCA has acquired close to 13,000 acres of conservation lands through partnerships and donations.

"We are fortunate to have many committed conservation stewards like the Dunsmores in our watershed," said Byron Wesson, director of conservation lands with the NVCA. "Thanks to their generous donations, the NVCA is able to protect and preserve some of the most environmental sensitive lands in our region."

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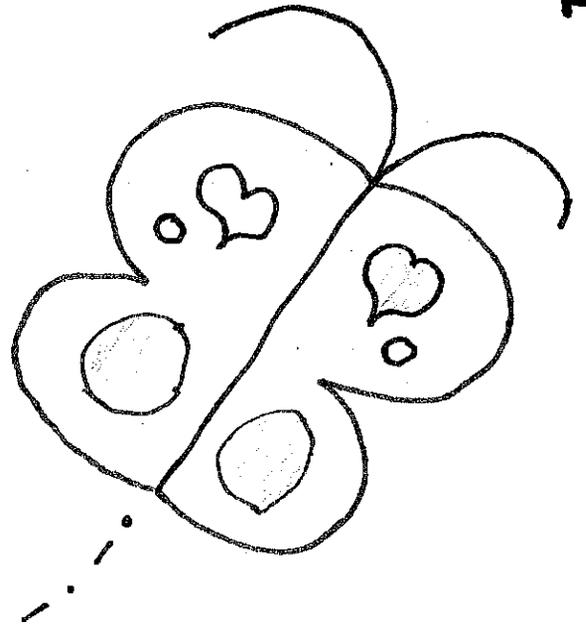
About NVCA: The Nottawasaga Valley Conservation Authority is a public agency dedicated to the preservation of a healthy environment through specialized programs to protect, conserve and enhance our water, wetlands, forests and lands. www.nvca.on.ca

Media Contact: Heather Kepran, Communications Coordinator, 705-424-1479 ext. 254 or hkepran@nvca.on.ca

Thank

you

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Our School

Baxter Central
Students