

Northumberland County EORN Update

June 19, 2024

SUBJECT TO CHANGE



EORN

EASTERN ONTARIO
REGIONAL NETWORK

Cell Gap Update

June 19, 2024



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EASTERN ONTARIO
REGIONAL NETWORK

EORN Cell Gap Project Goals



Achieve **99% coverage** in the eastern Ontario region where people live, work and travel on major roadways so that they can make and receive cell phone calls.



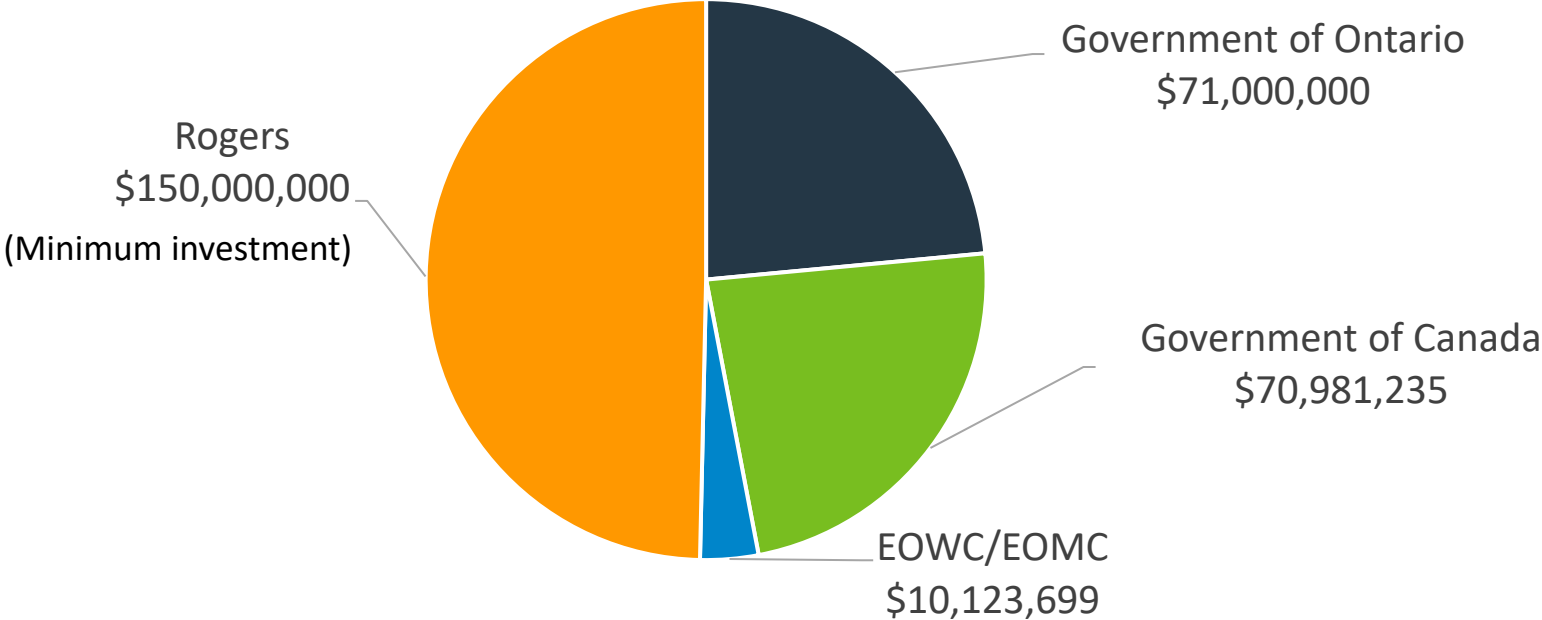
Achieve **95% coverage** in the eastern Ontario region where people live, work and travel on major roadways with standard definition service level which can support email, web browsing and social media services.



Achieve **85% coverage** in the eastern Ontario region where people live, work and travel on major roadways with high-definition service level which can support video conferencing, movie streaming and other more data intensive applications.

Financial – Funding Details

Over \$300 million dollar investment in eastern Ontario before in-kind contributions and community benefits.



Approximately \$16 million infrastructure investment being made in the County of Northumberland



Steps to Construction – 12 to 24 Month Process



Find a property that meets the needs of the network.



Negotiate a lease.



Conduct archaeological assessments (Stage 1 and Stage 2) and natural heritage assessments of proposed sites.



Follow land use authority (LUA) process with municipalities.



Notify the province that the site is ready to proceed. 178 new tower sites have been released for construction to date.



Site preparations, ordering and delivery of supplies for construction to begin.



Schedule crews to construct tower, submit layout plan for utilities, construct tower, hook up power to site and test tower.

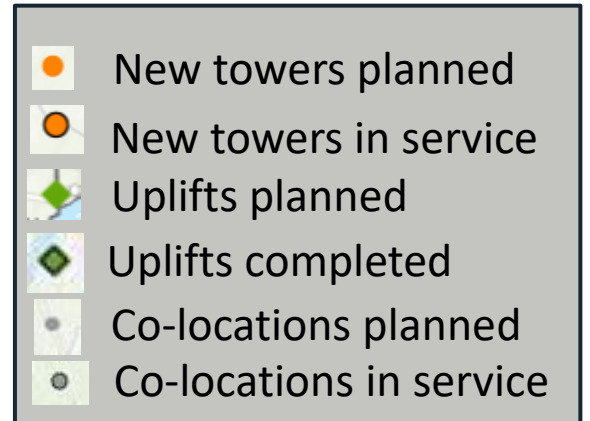
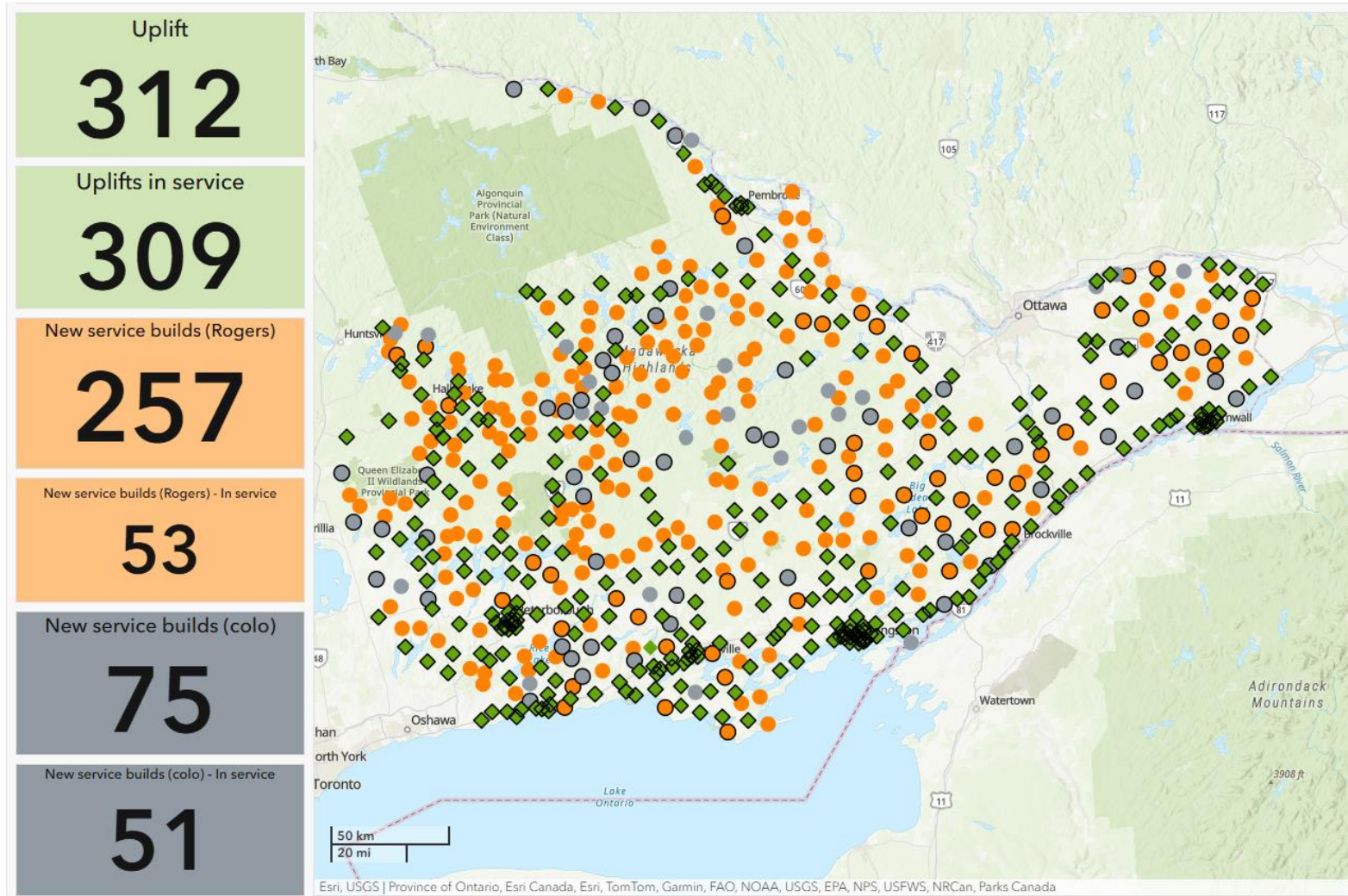


Consultation with Indigenous communities and organizations is an ongoing process through the duration of the project.

Duty to Consult

- EORN has been delegated the duty to consult with 18 Indigenous communities and organizations by the Crown. It took 13 months to satisfy the requirements of meaningful consultation to allow construction to start
- EORN is dedicated to working closely with Indigenous communities and organizations and addressing concerns about impacts of the Cell Gap Project on territorial and treaty rights. Strong relationships are being built and two consultation agreements have been negotiated
- EORN and the EOWC strongly believe that the benefits of the project must extend to all communities, municipal and Indigenous, in eastern Ontario
- EORN has completed archaeological and natural heritage assessments on 178 new tower sites to date
- EORN has been in more than 160 meetings and phone calls with Indigenous communities and organizations to date
- EORN has developed training documents to assist EORN and Rogers staff in the field

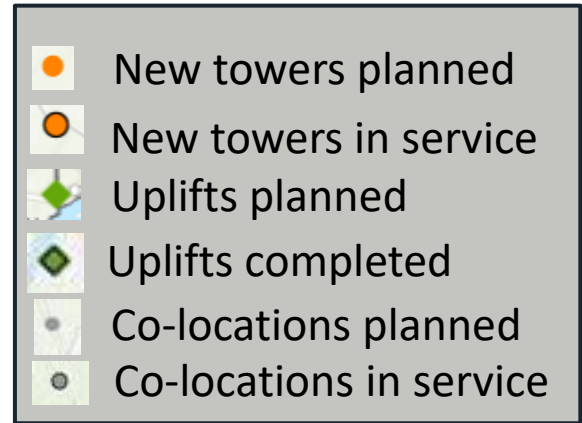
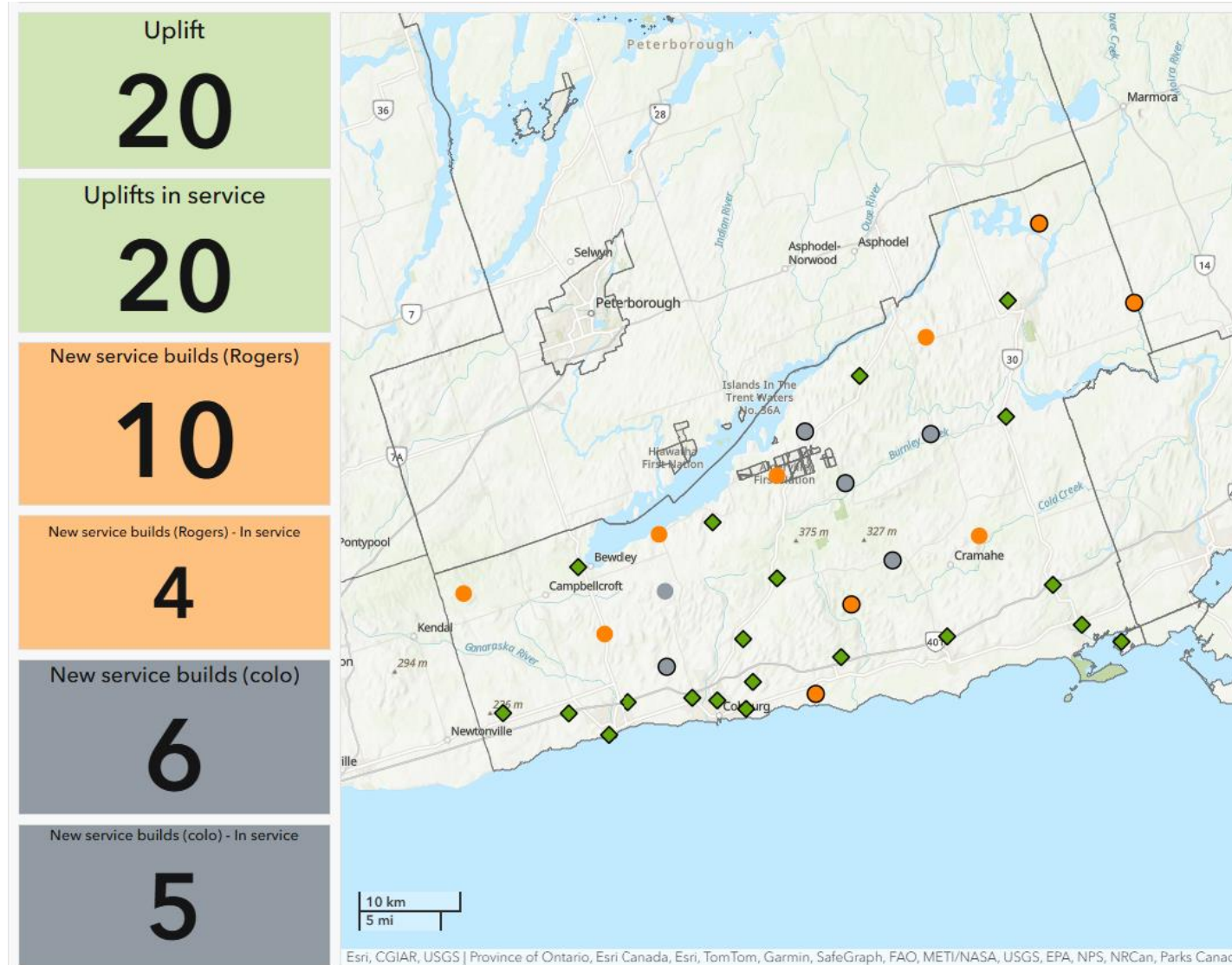
EORN Cell Gap Project



Confidential and subject to change
May 15, 2024



Northumberland County



Confidential and subject to change
May 15, 2024

Northumberland County Uplifts Build Schedule

Tower identifier	Site name	Municipality	In-service plan
C1193	Brighton	Municipality of Brighton	In-service
C2238	Codrington	Municipality of Brighton	In-service
C2905	Stoney Point	Municipality of Brighton	In-service
C4379	Brighton Town	Municipality of Brighton	In-service
C0069	Newtonville	Municipality of Port Hope	In-service
C1881	Port Hope	Municipality of Port Hope	In-service
C2320	Bewdley	Municipality of Port Hope	In-service
C3340	Port Hope Town	Municipality of Port Hope	In-service
C4192	Highway 401 at Port Hope West	Municipality of Port Hope	In-service
C2174	Hasting	Municipality of Trent Hills	In-service
C3045	Campbellford	Municipality of Trent Hills	In-service
C3639	Cobourg Town	Town of Cobourg	In-service
C4700	King Street and Willmott Street	Town of Cobourg	In-service

Northumberland County Uplifts Build Schedule

Tower identifier	Site name	Municipality	In-service Plan
C4378	Northumberland Mall	Town of Cobourg	In-service
C1982	Highway 45 and County Road 22	Township of Alnwick-Haldimand	In-service
C3046	Grafton	Township of Alnwick-Haldimand	In-service
C0068	Colborne	Township of Cramahe	In-service
C0050	Cobourg	Township of Hamilton	In-service
C4121	Rice Lake at Harwood	Township of Hamilton	In-service
C7732	Baltimore	Township of Hamilton	In-service

Northumberland County Co-location Build Schedule

Tower identifier	Site name	Municipality	In-service Plan
C4673	Norham	Municipality of Trent Hills	In-service
C4683	Castleton	Township of Alnwick-Haldimand	In-service
C4684	Burnley	Township of Alnwick-Haldimand	In-service
C8539	Campbell Road and Line Road 4	Township of Alnwick-Haldimand	In-service
C7733	Precious Corners	Township of Hamilton	In-service
C7772	Cold Springs	Township of Hamilton	2026

Northumberland County New Tower Build Schedule

Tower identifier	Site name	Municipality	In-service Plan
C8280	Highway 38 and Line Road 5	Municipality of Port Hope	2025
C8726	Oak Hill Road and Trew Road	Municipality of Port Hope	2026
C4114	Healey Falls	Municipality of Trent Hills	In-service
C8520	Barrett Raoad and Wingfield Road	Municipality of Trent Hills	In-service
C8519	County Road 35 and Faux Road	Municipality of Trent Hills	2026
C8188	County 2 Road and Archer's Road	Township of Alnwick-Haldimand	In-service
C8727	Eddystone Road at Eddystone	Township of Alnwick-Haldimand	In-service
C8728	County Road 18 and Brock Road	Township of Alnwick-Haldimand	2026
C8686	Pinewood School Road and Huycke Road	Township of Cramahe	2026
C6505	Gores Landing	Township of Hamilton	2026

Timelines and Next Steps

- Upgrades to existing towers 2021 - 2024
- Land use authority process 2021 - 2024
- Indigenous consultation process 2021 - 2026
- New tower construction 2022 - 2026
- Announcements 2022 - 2026

2024 EORN Initiatives

- Completed EOWC 7 in 7+ Regional Housing Plan and will presenting to the EOWC in May
- Permit Central role out to municipalities for use during the Accelerated High Speed Internet Program (AHSIP) broadband program at no cost to the municipalities
- Developing EORN strategic plan

Housing Supply Challenge (HSC) Communal Servicing Project Update



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Localizing Communal Servicing

- In February of 2024, EORN and 2B Developments secured \$1 million in funding to support the localization of communal servicing through CMHC's Round 5 of the Housing Supply Challenge (HSC).
- Round 5 is all about levelling-up and transforming the way Canada delivers housing.
- The Challenge's goal is to scale system-level solutions to increase housing provision. Successful solutions will lead to quicker development, reduced costs and permanent improvements in Canada's housing delivery process.
- Three stages of the Challenge. EORN and 2B have currently secured Stage 1 funding.

Localizing Communal Servicing

With the funding received the following four-steps will be undertaken over the next year:

1. Provide continued support to the County of Frontenac, which recently created its "Utility," i.e. Municipal Service Corp.
 - Help them create
 1. their system standards,
 2. assist with RFPs for third party agreements,
 3. have their utility “operating” by 2025;
2. Create a step-by-step guide that incorporates the steps taken by FMSC, suggest alternative steps, and provide the guide to other rural municipalities;
3. Create System Standards templates based on Frontenac model as part of the program for other municipalities;
4. Educate and inform municipal staff on the benefits of communal systems throughout Ontario and Canada and circulate “new” system information as it is developed..
 - Note: Not to be confused with technical education and training.

Scaling the Solution

- EORN and 2B are working on scaling the solution to other municipalities across eastern Ontario, and into other Provinces across Canada.
- Initial conversations had with several municipalities in eastern Ontario and others across Canada, including working with Pivot Housing in New Brunswick.
- EORN and 2B to support municipalities interested in adopting communal via applications to FCM's Planning: Early support grant for sustainable affordable housing projects
 - This grant supports the initial planning phase of projects through a variety of activities based on the needs of the applicant
 - Maximum award: \$30,000
 - Grants of up to \$30,000 to cover up to 80% of eligible costs

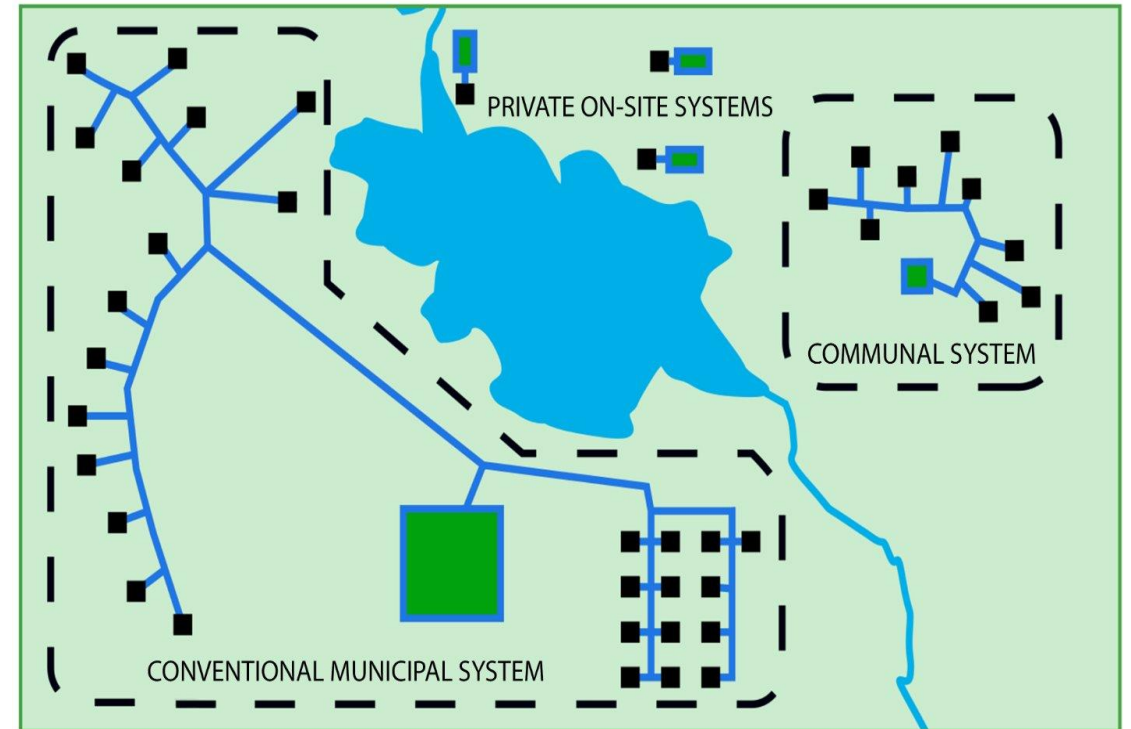
About Communal Servicing Systems

- Communal services, also known as shared drinking water and sewage systems, provide water and wastewater treatment to clusters of residences and businesses.
- They are also be referred to as decentralized systems or cluster systems.
- These systems operate on principles similar to conventional municipal services, but without the reliance on a single central facility where municipal water and sewer services are either non-existent, or beyond the fiscal capacity of local government.



Why Communal Servicing?

- Unlocks rural land and development hindered by lack of traditional infrastructure.
- Reduces costs and wait times associated with traditional infrastructure.
- Increases density and land efficiency.
- Increases opportunities for mixed-use development.
- Not new technology! Proven technology already in use.



How You Can Help Localize Communal Servicing

- If you are interested in and would consider the adoption of communal servicing in your municipality, write a letter supporting the initiative.
- Letters will be used to support our application for the next stage in funding. The second stage of funding is a \$3 million opportunity to scale the proposed solution.