Town of Arnprior
Environmental Advisory Committee Meeting
Date: Monday, November 18th, 2024
Time: 6:30 PM
Location: Council Chambers – 105 Elgin Street West, Arnprior

1. **Call to Order**
2. **Roll Call**
3. **Land Acknowledgement**
4. **Adoption of Agenda**
5. **Disclosures of Pecuniary Interest**
6. **Adoption of Previous Minutes**
   a) **Committee Minutes – October 21st, 2024** (Page 1-4)
7. **Presentations / Delegations**
   a) **Water Filtration Plant and Water Pollution Control Centre Building Condition Assessment**, Patrick Foley, Engineering Officer (Page 5-17)
   b) **Water and Wastewater Master Plan**, John Steckly, General Manager, Operations (Page 18-42)
8. **Matters Tabled / Deferred / Unfinished Business**
   a) **Action Item Summary** (Page 43-46)
9. **Staff Reports (by Department)**
10. **New Business**
    a) Workplan Discussion
    b) Roundtable Discussion
       - Naturalized Gardens
11. **Adjournment**

The agenda is made available in the Clerk's Office at the Town Hall, 105 Elgin Street West, Arnprior and on the Town's website. Persons wishing to receive a print item on the agenda by

email, fax, or picked up by hand may request a copy by contacting the Clerk's Office at 613-623-4231 ext. 1817. The Agenda and Agenda items will be prepared in an accessible format upon request.

Full Distribution: Council, CAO, Town Staff, Committee Members
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Minutes of the Environmental Advisory Committee Meeting
October 21st, 2024
6:30 PM
Council Chambers – Town Hall

Committee and Staff Attendance

Committee Members Present:

Natalie Deveau, Chair
Chris Toner, Vice Chair
Billy Denault, Councillor
Barry Goodman, Committee Member
Alexis Young, Committee Member

Committee Members Absent:

Ben Shearer, Committee Member
Ted Strike, Committee Member

Town Staff Present:

Graeme Ivory, Director of Recreation
Jessica Schultz, A/Environmental Engineering Officer
John Steckly, GM, Operations
Kaitlyn Wendland, Client Services Coordinator
Kaila Zamojski, Town Clerk

1. **Call to Order**
   Natalie Deveau, Chair, called the meeting to order at 6:30 PM and welcomed those present.

2. **Roll Call**
   The roll was called, with all Members of the Committee being present except Committee Members Ben Shearer and Ted Strike.

3. **Land Acknowledgment**
   Natalie Deveau, Chair, asked everyone to take a moment to acknowledge and show respect for the Indigenous Peoples as traditional stewards of the land we operate on, by stating:

   > "I would like to begin by acknowledging that the land on which we work and gather is the traditional unceded territory of the Anishinaabe People. This Algonquin Nation have lived on this land for thousands of years, long before the arrival of the European settlers, and we are grateful to have the opportunity to be present in this territory."

4. Adoption of Agenda

Resolution Number 020-24
Moved by Barry Goodman
Seconded by Chris Toner

Be It Resolved That the agenda for the Environmental Advisory Committee Meeting dated Monday, October 21st, 2024 be adopted.

Resolution Carried

5. Disclosure of Pecuniary Interest

None

6. Adoption of Minutes of Previous Meeting(s)

Resolution Number 021-24
Moved by Billy Denault
Seconded by Alexis Young

Be It Resolved That the minutes for the September 16th, 2024 Environmental Advisory Committee meeting be adopted.

Resolution Carried

7. Presentations/ Delegations

a) Butterfly Way

Kim Berry and Sheena Baum from Butterfly Way provided a presentation to the Committee, as included in the agenda package, regarding biodiversity and pollinators. The following is a summary of the discussion that ensued:

- There are many opportunities for increasing biodiversity in Arnprior, including on municipal property.
- Explore ways to engage individuals and local businesses in transitioning to using more native and pollinators plants in their gardens.
- Community engagement in events, such as an invasive species clean-up, could also help educate residents on these issues.

b) Greening Arnprior – EAC Survey Results

Kaitlyn Wendland, Client Services Coordinator, presented the results of the Greening Arnprior Environmental Advisory Committee Priorities Survey, as included in the Agenda Package. The following is a summary of the discussion that ensued:

- Native species and invasive species seem to have high interest from residents as a priority.

- Next meeting the Committee will create a workplan using the survey results to guide priorities for the Committee Members moving forward.

8. Matters Tabled/ Deferred/ Unfinished Business

a) Review Action Items Summary Table

Natalie Deveau, Chair, asked that the Committee proceed through each item as listed on the Action Items Summary Table. Discussion ensued amongst Committee Members with the following being a summary of the updates received:

Item	Comment / Update
1	Completed.
2	Natalie Deveau, Chair, and Alexis Young, Committee Member, will present this at the next meeting.
3	Completed.
8	Barry Goodman, Committee Member, contacted the Ottawa River Keepers.
9	Staff continue to look for opportunities. Completed.
10	Assigned to Billy Denault, Councillor, and Alexis Young, Committee Member.
11	Kaila Zamojski, Town Clerk, and Kaitlyn Wendland, Client Services Coordinator, to bring forward information at future meeting.
12	Completed.
14	This plan will be presented at a future meeting.
15	This will be discussed at a future meeting.
16	Completed.
17	Barry Goodman, Committee Member, has reached out to Terracycle about this.
18	Completed later in meeting.

Item	Comment / Update
20	Completed

9. Staff Reports

None

10. New Business

a) Marina Invasive Species Signage

Barry Goodman, Committee Member, presented information surrounding signage at the Arnprior Marina, regarding invasive species and the opportunities for increased educational awareness on boating and invasive species control.

b) Richmond Hill Blooms/Garden Awards

Barry Goodman, Committee Member, presented information about the City of Richmond Hill's Garden Awards program. He highlighted some of the successes from this program and asked it to be considered that a similar program be created in the Town of Arnprior.

c) Waste Reduction Week Update

Kaitlyn Wendland, Client Services Coordinator, provided an update to the committee that the Waste Reduction Week Halloween Upcycle Challenge had been launched to the public.

d) Roundtable Discussion

No items.

11. Adjournment

Resolution Number 022-24
Moved by Billy Denault
Seconded by Alexis Young

That the Environmental Advisory Committee adjourn at 8:11 PM.

Resolution Carried

Waterworks Building Condition Assessments

Patrick Foley, Engineering Officer,
Facilities & Assets

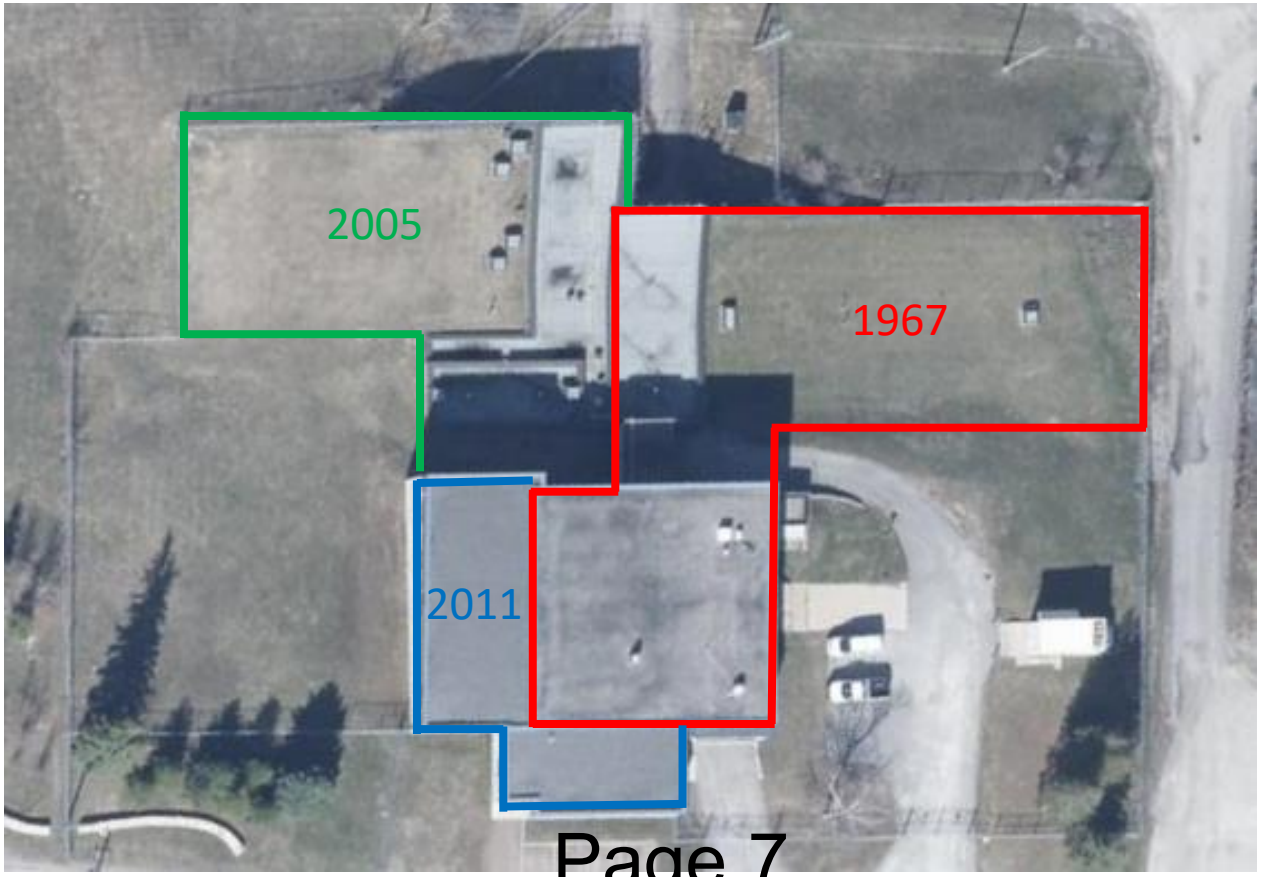
Meeting Date: November 18, 2024

Background

- On May 23, 2023, Town Council approved the award of a Contract worth $279,279 plus HST to J.L. Richards & Associates to complete the outlined building condition assessment scope of work for both the Water Filtration Plant (WFP) and Water Pollution Control Centre (WPCC), inclusive of:
  - Inventory of Non-Linear Water and Wastewater Assets
  - Refine Entries in Asset Inventory
  - Develop Estimated Replacement Values for Applicable Assets
  - Develop Capital Project Definition and List of Essential Maintenance Activities
  - Update Draft Inventory Assessment to Include Planning Sheets
- This data will inform future budgeting and be imported into a new work order system.

Water Filtration Plant

- The WFP was originally constructed in 1967 and expanded in 2005 and 2011.



Water Filtration Plant

- The WFP currently has a rated capacity of 10,340 m³/day.
- The WFP is composed of the following processes.
  - Raw Water Handling
  - Ballasted Flocculation Pretreatment (Actiflo®)
  - Actiflo® Residuals Settling
  - Filtration and Filter Backwash Residuals Handling
  - Storage and Transmission
  - Chemical Storage/Feed System

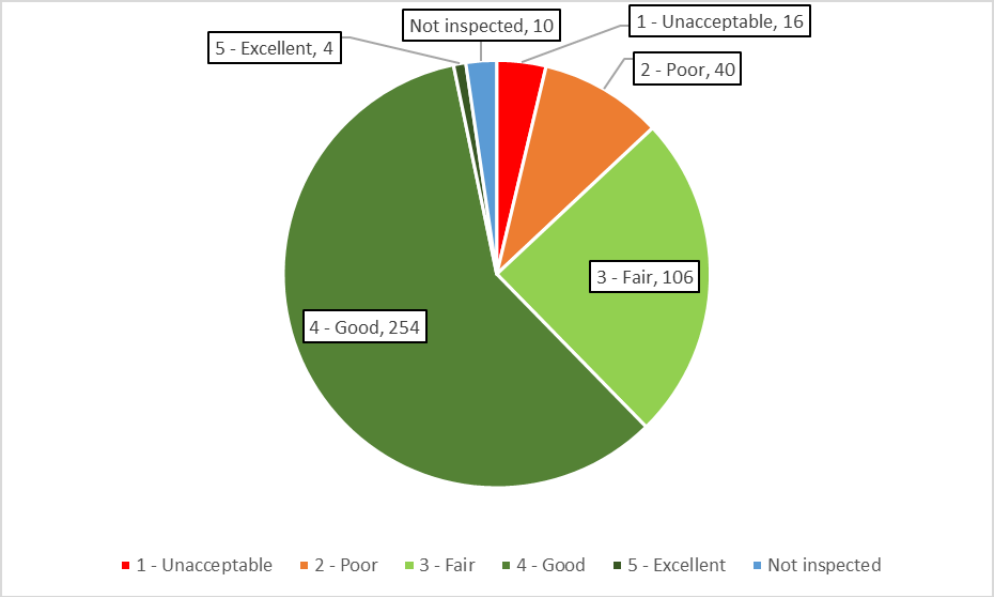
Water Filtration Plant

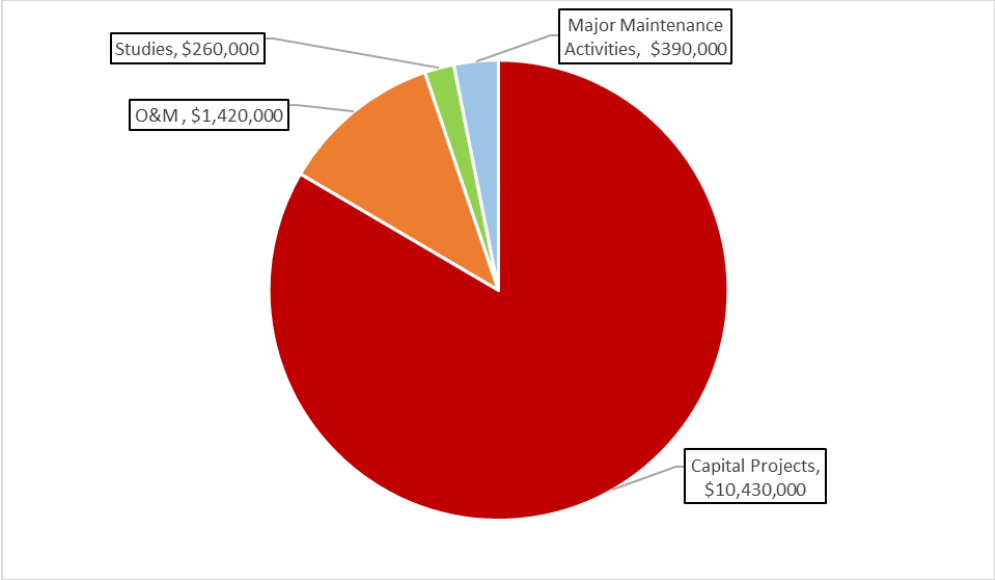
- Valuation of assets by category:

Asset Category	Total Assets	Average Visual Condition	Average LOF	Average Risk	Max Risk	Estimated Replacement Cost ($) (Material + Labour)
Architectural	42	3.9	2.7	4.6	14	$2,360,000
Building Mechanical	48	3.3	3.5	6.0	18	$970,000
Electrical	41	3.5	3.2	7.9	14	$1,410,000
Instrumentation and Controls	88	3.8	3.3	7.9	20	$870,000
Process Piping and Equipment	155	3.1	3.5	9.3	20	$8,350,000
Siteworks	14	3.2	2.6	4.0	10	$2,010,000
Structural	42	3.8	2.7	10.2	20	$20,880,000
Total	**430**					**$36,850,000**

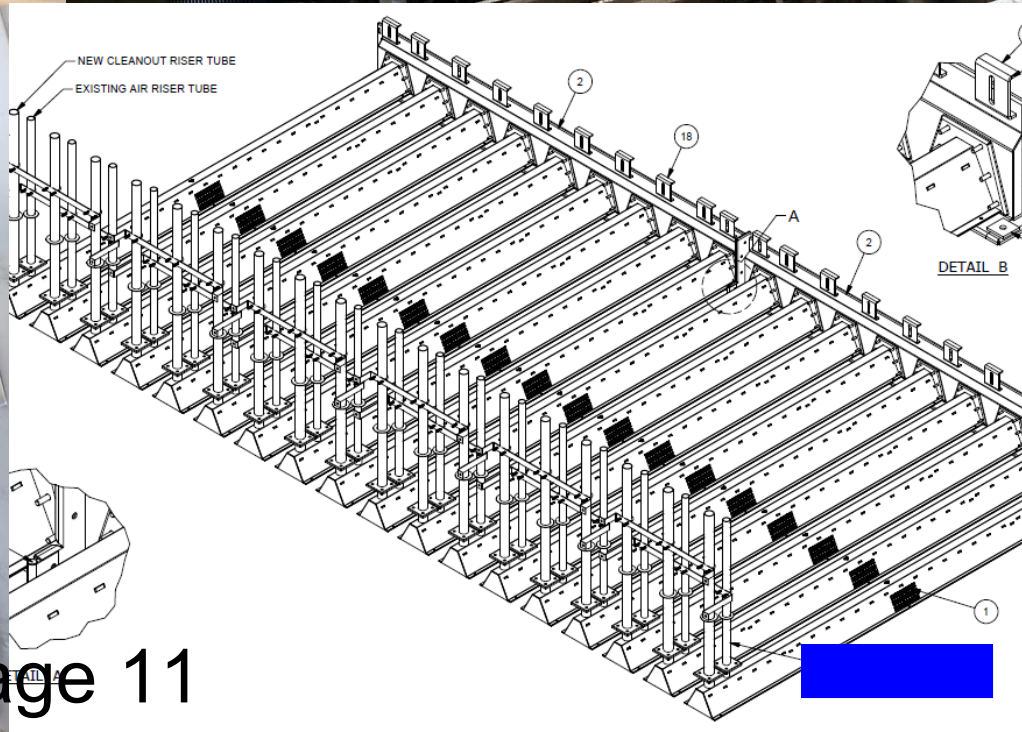
Water Filtration Plant

- It is estimated that a total of $12,500,000 should be invested in the WFP over the next 10 years
- 430 assets, most of which are in fair to good condition





WFP Filter Media & Underdrain Replacement



Water Pollution Control Centre

- The WPCC was originally constructed in 1966 and expanded in 1996 and 2011.

Water Pollution Control Centre

- Average day flow rated capacity 9,700 m^3/day
- The WPCC consists of the following treatment processes:
  - Pre-treatment; Screening and Degritting
  - Primary Treatment
  - Secondary Biological Treatment
  - Disinfection
  - Anaerobic Digestion
  - Odour Treatment

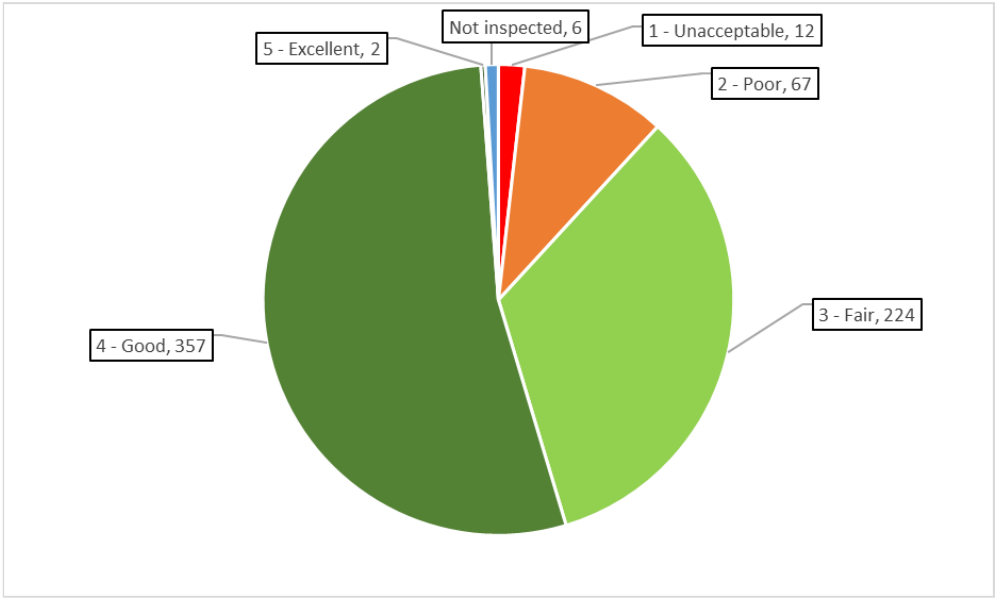
Water Pollution Control Centre

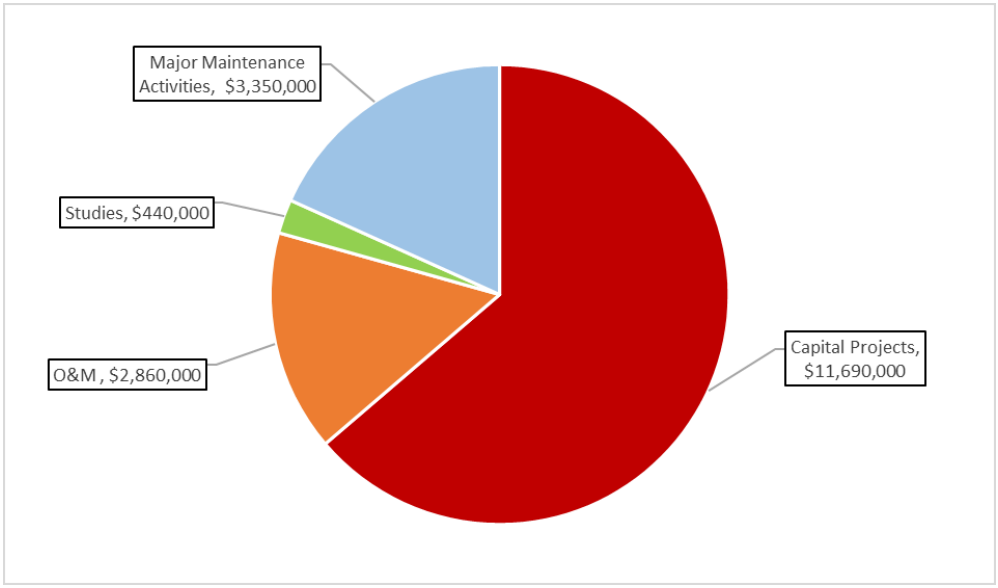
- Valuation of assets by category:

Asset Category	Total Assets	Average Visual Condition	Average LOF	Average Risk	Max Risk	Estimated Replacement Cost ($) (Material + Labour)
Architectural	66	3.7	2.7	4.7	12	$3,380,000
Building Mechanical	53	3.2	3.4	5.8	16	$2,520,000
Electrical	89	3.4	3.3	8.3	18	$2,380,000
Instrumentation and Controls	181	3.6	3.6	8.3	18	$1,300,000
Process Piping and Equipment	204	3.1	3.6	9.1	16	$15,150,000
Siteworks	7	3.6	2.4	2.8	5	$6,690,000
Structural	68	3.8	2.6	9.4	15	$32,800,000
Total	**668**					$64,220,000

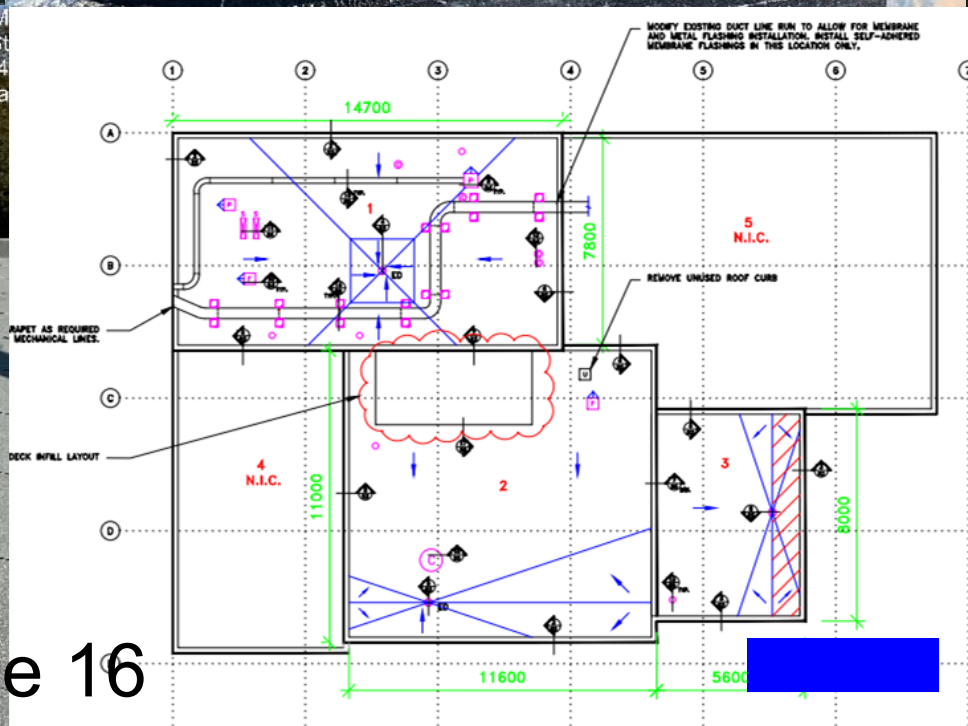
Water Pollution Control Centre

- It is estimated that a total of $18,340,000 should be invested into the WPCC over the next 10 years
- 1,098 assets, most of which are in fair to good condition





WPCC Roof Replacement



Next Steps

- Presentation to Town Council
- Incorporation into LRCF
- Implementation of new work order system
- Begin design processes for larger projects
- Pursue grant funding
- Progress towards closing funding gap

Water and Wastewater Master Plan

Town of Arnprior

Environmental Advisory Committee

November 18, 2024

Source: Town of Arnprior

What is the Purpose of the W&WWMP?

While updating the W&WW MP, we aim to present the following:

- Study background and purpose
- Master Planning process
- Existing and future water servicing
- Problem and opportunities
- Existing environmental conditions
- Evaluation of Alternative Solutions
- Recommended solution
- Potential impacts to the environment and proposed mitigation measures
- Next Steps in the process

DEVELOPING THE MASTER PLAN

Review and assess the sanitary sewer collection and potable water distribution systems

Review the existing municipal drinking water and wastewater treatment facilities

Develop a timeline that identifies future expansion requirements to meet anticipated growth over a 5-year (2027), 10-year (2032) and 20-year (2042) planning horizon

Master Planning Process

Municipal Class Environmental Assessment

Phase 1
Problem and Opportunity

- Information Gathering
- Identify Problems and Opportunities

Phase 2
Alternative Solutions

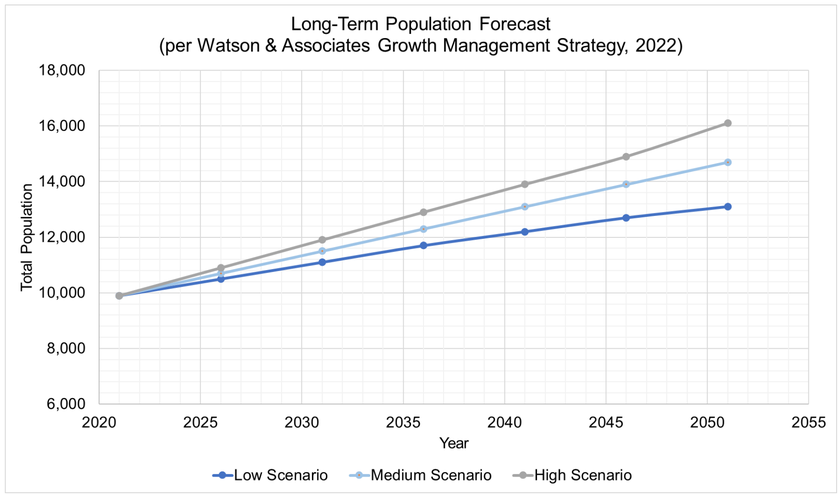
- Identify and Evaluate Alternative Solutions
- Develop Implementation Strategy

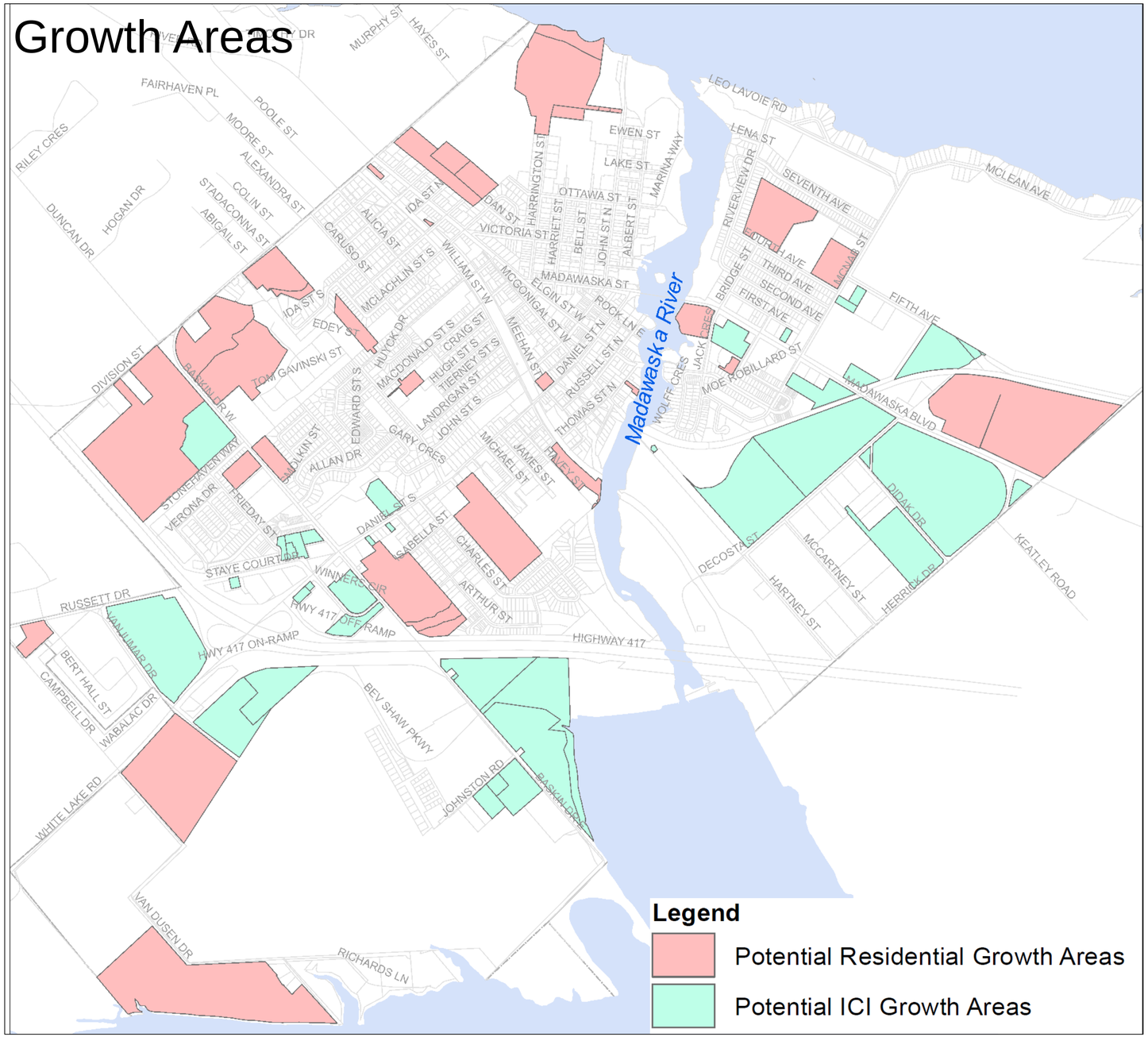
- Prepare Water & Wastewater Master Plan (W&WW MP)

This study is being undertaken in accordance with Approach #1 of the Master Planning Process, as outlined in Section A.2.7. of the Municipal Class Environmental Assessment (MCEA) document (2023). As such, the W&WW MP will address Phases 1 and 2 of the MCEA process to become the basis for, and be used in support of, future investigations for the specific Schedule B and C projects identified within it.

Growth Projections

- Developed growth projections to assess the wastewater collection and potable water distribution systems' capacities, and to identify growth areas' servicing needs
- Identified distribution and phasing of growth across the Town
- Population is projected to increase from 10,000 in 2022 to 13,900 by 2042 (high scenario).





Master Plan Recommendations

2013 Water & Wastewater Master Plan

- New sanitary sewers and sewage pumping stations were identified to service growth areas by 2031
- Existing watermain upgrades were identified to accommodate growth by 2031
- Water Filtration Plant (WFP) treatment previously suggested upgrades needed by 2026

Current Master Plan (2022-2024)

- Will consider service needs over the short (5-year), medium (10-year) and long-term (20-year) planning horizon
- Existing sewer and sewage pumping station upgrades needed to accommodate existing peak wet weather flows
- WFP treatment, storage and pumping expansions needed to accommodate population growth
- New servicing areas will require new wastewater collection and potable water distribution infrastructure

Existing Infrastructure: Wastewater Collection System

Existing Wastewater Collection System

- Approximately 60 km of sewers
- Sewage pumping stations
- Water Pollution Control Centre (WPCC) on Albert St. The last WPCC expansion was completed in 2011.
- Under extreme events, sanitary flows can overflow to the stormwater collection system or to the Madawaska River.

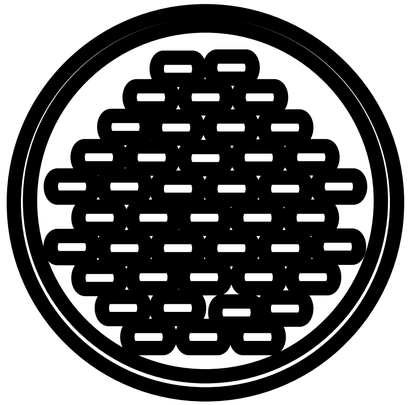
Existing Infrastructure: Potable Water Distribution System

Existing Potable Water Distribution System

- A Water Filtration Plant (WFP), taking raw water from the Madawaska River. The WFP was last upgraded in 2010.
- The WFP provides storage in its clearwells, and pumping from high-lift pumps (HLPs).
- An elevated storage tank (EST) on Hartney St, constructed in 1993.
- Approximately 65 km of watermains and 315 hydrants.

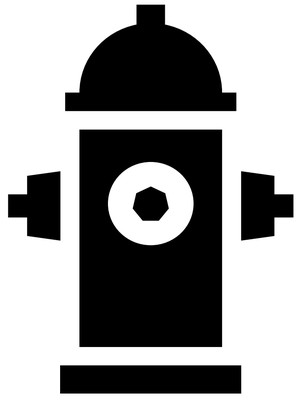
Problems and Opportunities

Long-term operational and capital improvements to the Town's Wastewater Collection System and Potable Water Distribution System are required to meet growth up to 2042.



Wastewater Collection System

- Existing peak wet weather flows create constraints in the sewer system and at the sewage pump stations
- The sewer system and sewage pump stations will need to accommodate higher flows from new developments



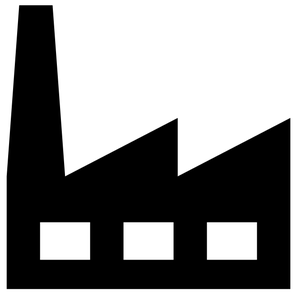
Potable Water Distribution System

- 2042 growth demands will exceed the system's treatment, storage and pumping capacity and require an increase in capacity
- The potable water distribution system will benefit from improved reliability in the event of watermain breaks

- Additional capacity required to meet future demand
- Impacts of climate change (increase and decrease of precipitation, temperature, significant weather events)
- Opportunities to adapt to climate change, mitigate climate change & generate energy savings

Problems and Opportunities

Long-term operational and capital improvements to the Town's Water Pollution Control Centre (WPCC) and Water Filtration Plant (WFP) are required to meet growth up to 2042.



Water Pollution Control Centre (WPCC)

- The WPCC's capacity can accommodate the projected growth to 2042. The WPCC does not require an expansion by 2042.
- Internal process improvements and studies are recommended to enhance treatment steps.

Water Filtration Plant (WFP)

- The WFP will require the following upgrades to accommodate growth to 2042:
  - 6% increase in treatment capacity.
  - 25% increase in clearwell storage.
  - 18% increase in pumping capacity.

Evaluation Criteria

1. Environmental

- Protects Environmental Features
- Protects Groundwater, Streams and Rivers
- Minimizes Impact on Climate Change

2. Social/Cultural

- Minimizes Long-Term Impacts to the Community Related to Noise, Odour, Traffic and Aesthetics
- Minimizes Impacts to Businesses and Major Transportation Corridors
- Manages and Minimizes Short-Term Construction Impacts
- Protects Health and Safety
- Protects Cultural Heritage Resources

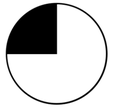
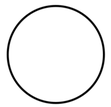
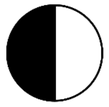
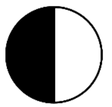
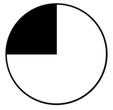
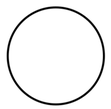
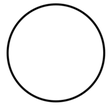
3. Economic

- Provides Low Lifecycle Costs

4. Technical

- Meets Existing and Future Needs
- Provides Ease of Maintenance
- Aligns with Existing and Planned Infrastructure
- Aligns with Existing and Future Land Use
- Aligns with Efficient Approval and Permitting Process
- Manages and Minimizes Construction Risks
- Ability to Adapt to Climate Change

Evaluation of Alternative Solutions: Wastewater Collection System

	Alternative 1 "Do Nothing"	**Alternative 2** I/I Reduction and Re-Use Alternatives	**Alternative 3** Partial Private/Communal & Municipal Wastewater Servicing	**Alternative 4** Communal Wastewater Collection System	**Alternative 5** Improvement & Expansion of the Municipal Wastewater Collection System
Environmental					
Social/Cultural					
Economic					
Technical					
CONCLUSION	Not Recommended	Not Recommended	Not Recommended	Not Recommended	**Recommended Solution**

Low alignment with criteria  **Very well aligned with criteria**

Recommended Solution: Wastewater Collection System

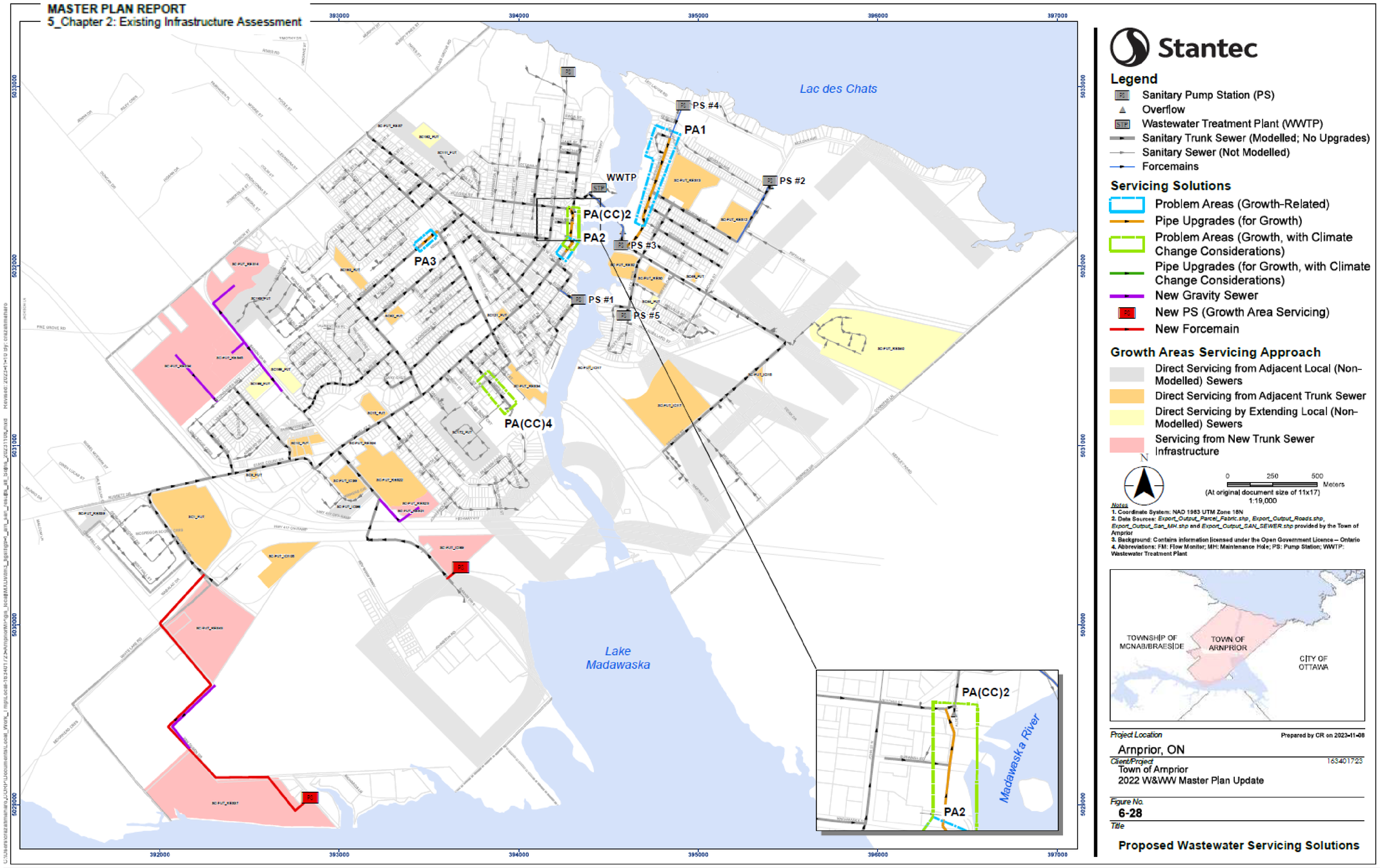
Alternative 5: Improvement & Expansion of the Municipal Wastewater Collection System is the recommended solution based on the following:

- Capacity to support future population needs to the 2042 horizon.
- Potential to impact the environment can be mitigated during design, construction and operation.
- Potential to impact private property and health and safety of Town residents during construction can be mitigated.
- Implementation costs can be subject to cost-sharing.

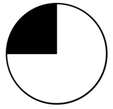
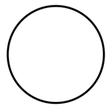
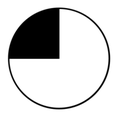
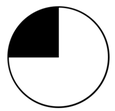
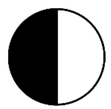
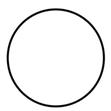
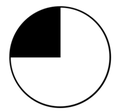
The recommended solution includes:

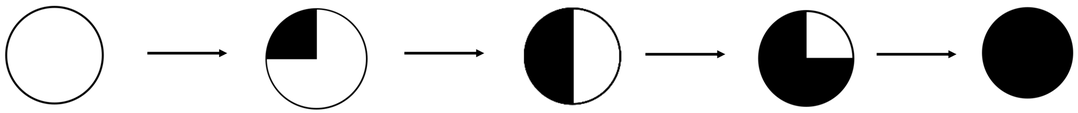
- Sewer upgrades on Riverview Dr, Daniel St, and Edward St
- Sewage pumping station upgrades (PS#1, PS#2, PS#3)
- Supporting studies

Proposed Wastewater Upgrades / Expansion



Evaluation of Alternative Solutions: Potable Water Distribution System

	Alternative 1 "Do Nothing"	**Alternative 2** Water Conservation and Re-Use	**Alternative 3** Communal Potable Water System	**Alternative 4** Partial Private/Communal & Municipal Potable Water Servicing	**Alternative 5** Improvement & Expansion of the Municipal Potable Water Distribution System
Environmental					
Social/Cultural					
Economic					
Technical					
CONCLUSION	Not Recommended	Not Recommended	Not Recommended	Not Recommended	**Recommended Solution**

Low alignment with criteria  **Very well aligned with criteria**

Recommended Solution: Potable Water Distribution System

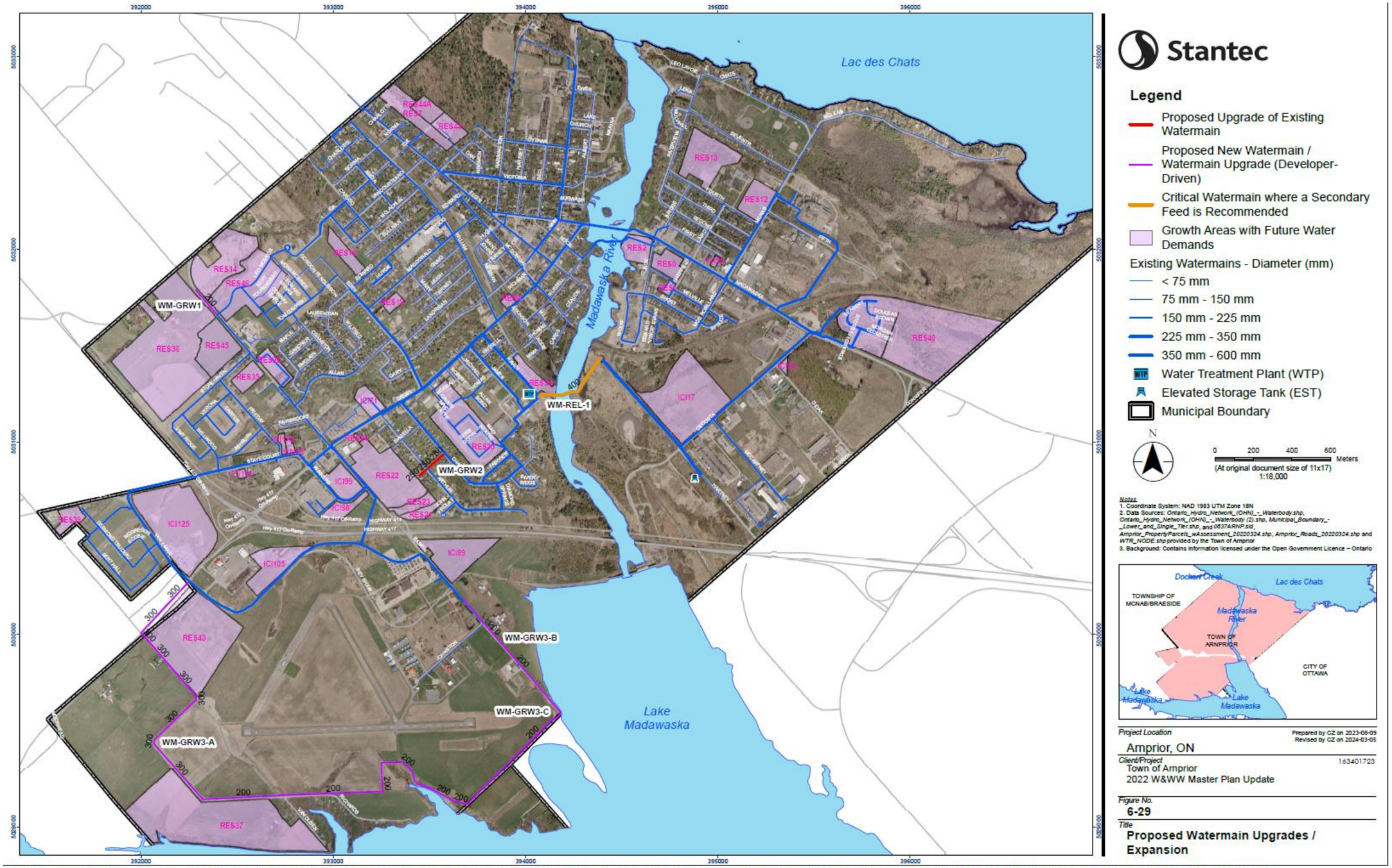
Alternative 5: Improvement & Expansion of the Municipal Potable Water Distribution System is the recommended solution based on the following:

- Capacity to support future population needs to the 2042 horizon.
- Potential to impact the environment can be mitigated during design, construction and operation.
- Potential to impact private property and health and safety of Town residents during construction can be mitigated.
- Implementation costs can be subject to cost-sharing.

The recommended solution includes:

- Watermain upgrades
- WFP treatment, storage and pumping upgrades
- Supporting studies

Proposed Watermain Upgrades / Expansion



Stantec

Legend

- Proposed Upgrade of Existing Watermain
- Proposed New Watermain / Watermain Upgrade (Developer-Driven)
- Critical Watermain where a Secondary Feed is Recommended
- Growth Areas with Future Water Demands

Existing Watermains - Diameter (mm)

- < 75 mm
- 75 mm - 150 mm
- 150 mm - 225 mm
- 225 mm - 350 mm
- 350 mm - 600 mm
- Water Treatment Plant (WTP)
- Elevated Storage Tank (EST)
- Municipal Boundary

N

0 200 400 600 Meters
(At original document size of 11x17)
1:18,000

Notes
1. Coordinate System: NAD 1983 UTM Zone 18N
2. Data Sources: *Ontario_Hydro_Network_(OHN)_-_Waterbody.shp, Ontario_Hydro_Network_(OHN)_-_Waterbody (2).shp, Municipal_Boundary_-_Lower_and_Single_Tier.shp, and 0537ARNP.sid, Arnprior_Property/Parcels_wAssessment_20220324.shp, Arnprior_Roads_20220324.shp and WTR_NODE.shp* provided by the Town of Arnprior
3. Background: Contains information licensed under the Open Government Licence – Ontario

Project Location
Arnprior, ON

Prepared by CZ on 2023-08-09
Revised by CZ on 2024-03-05

Client/Project
Town of Arnprior
2022 W&WW Master Plan Update

163401723

Figure No.
6-29

Title
Proposed Watermain Upgrades / Expansion

Implementation Plan and Costs

Executive Summary Table 1: Summary of Opinion of Probable Cost – Infrastructure Projects

Project Type	Opinion of Probable Cost[1] Baseline Growth Projections (2023$)							Additional Total Cost for Increased Climate Change Resilience (2023$)
	Horizon	3-5 Years		5-10 Years		10-20 Years		
	Total Site Costs ($)	Required	Study Dependent	Required	Study Dependent	Required	Study Dependent	
Wastewater collection system existing gravity sewer upgrades and sewer separations	$17,305,000	$11,340,000	$2,006,000	$3,683,000	$276,000	-	-	+$935,000
Existing sanitary pump stations and forcemain upgrades	$12,096,000	-	-	-	$10,395,000	-	$1,701,000	+$756,000
Existing watermain upgrades and pressure reduction measures	$5,096,000	$151,000	$4,367,000	$578,000	-	-	-	-
Water Filtration Plant (WFP) upgrades	$7,862,000	-	-	$7,862,000	-	-	-	+$3,951,000
Total	**$42,359,000**	**$11,491,000**	**$6,373,000**	**$12,123,000**	**$10,671,000**	**-**	**$1,701,000**	**+$5,642,000**

Notes

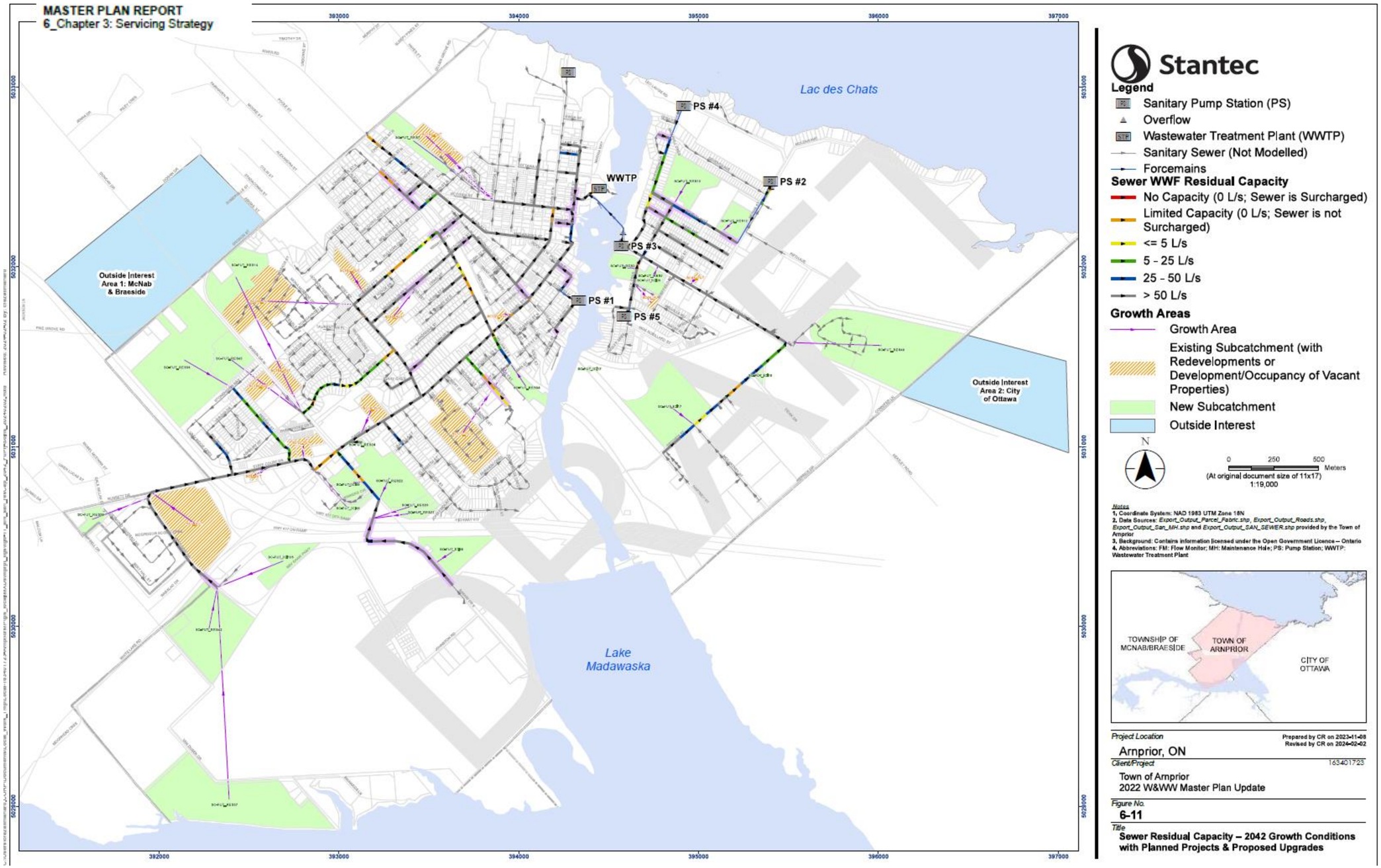
(1) The OPC is inclusive of construction costs, capital costs & risk components (35% of construction costs), and contingency (40% of construction + capital costs & risk components).

Implementation Plan and Costs

Executive Summary Table 2: Summary of Opinion of Probable Cost – Studies & Activities

Study/Activity Type	Opinion of Probable Cost (2023$)					
	Horizon / Frequency	Annually	Every 5-10 Years (or as Development Occurs, or per Other Requirements)	3-5 Years	5-10 Years	10-20 Years
	Total Site Study Costs ($)					
Sanitary pump stations monitoring and inflow/infiltration management	$130,000	-	-	$50,000	$80,000	-
Overall wastewater collection network studies & activities	$190,000	$110,000	$80,000	-	-	-
Wastewater Treatment Plant (WWTP) studies and activities	$190,000	$60,000	$30,000	-	$100,000	-
Overall water distribution network studies and activities	$150,000	$100,000	-	-	$50,000	-
WFP studies and activities	$190,000	-	-	-	$190,000	-
Total	**$850,000**	**$270,000**	**$110,000**	**$50,000**	**$420,000**	**-**

Servicing Outside Interest Areas



Servicing Outside Interest Areas

Table 6-7: Outside Interests for Servicing from the Town's Existing Municipal Systems

Area #	Area Name	Area (ha)	Population Density (persons/ha)	Population (ppl)
1	McNab & Braeside	60	60(1)	3,600
2	City of Ottawa	35		2,100

Note:
(1) Rate recommended in the City of Ottawa Sewer Design Guidelines.

Servicing Outside Interest Areas

- No constraints servicing two outside interest areas with respect to watermain flow capacity in both existing conditions and 2042 conditions with proposed solutions.
- Area 1 - McNab Braeside may be serviced from new sewer along Division St and connecting to existing 300 mm to 600 mm diameter trunk sewers on Elgin St W, which mostly have residual capacity to accommodate Area 1’s PWWF.
- PWWF for Area 2 – City of Ottawa is within residual capacity of existing 600 mm to 750 mm diameter sewers along Madawaska Blvd. This area would also drain into PS #3, and may need to be considered in proposed PS #3 upgrades’ design and as serviceability solutions for Area 2 are developed.
- The Town should also continue updating its WFP and WWTP reserve capacity assessment should these lands be considered further for development.

Climate Change Considerations

Wastewater Collection System

- Stress-test of system using climate projections
- Additional resilience measures identified (pipe upsizing; additional pumping station capacity)

Potable Water Distribution System

- Stress-test of system using increased water demands
- Upgrades needed earlier
- Additional resilience measures identified (additional treatment, storage and pumping capacity)

Climate Change Considerations

- Additional costs to upsize sewers (+$21,000);
- New sewer upgrades (+$914,000);
- Additional costs to upsize sanitary PSs and forcemains (+$756,000); and
- Additional costs to upsize the WFP treatment capacity, clearwell and high-lift pumping capacity (+$3,951,000).

Next Steps

- Presentation to Town Council
- Finalize W&WWMP
- Incorporation into LRCF
- Begin design processes for priority projects
- Pursue grant funding
- Monitor development in Town and annually update Reserve Capacity Analysis (WFP and WPCC)

Questions?

Appendix A

Action Item Summary (Updated)

Ref. No.	Item	Date Assigned	Responsible Party
2	Implement webpage content for Environmental Initiatives through identification of resources, events, etc.	2024-03-18	All
4	Identify priorities for potential public engagement activities (i.e. Arnprior Sunday Market, public events, etc.).	2024-03-18	Natalie Deveau Alexis Young
5	Create education materials and information regarding how to reduce yard waste.	2024-03-18	
6	Create education materials and information regarding how to create native pollinator gardens and support seasonal plantings that are supportive of native species.	2024-03-18	
7	Create education materials and information regarding how to recycle appropriately (what can be recycled, how should it be separated, impacts of recycling, etc.).	2024-03-18	
8	Create education materials and information regarding how to deal with invasive species and how to report invasive species on Town property.	2024-03-18	Barry Goodman
10	Work with the Ottawa Valley Cycling and Active Transportation Alliance (OVCATA) on active transportation and bike safety education opportunities.	2024-05-21	Billy Denault Alexis Young
11	Bring forward more information on pollinator-friendly policies and how they could be implemented through Town by-laws and policies.	2024-05-21	Kaila Zamojski Kaitlyn Wendland
13	Develop bike safety materials and/or program for youth to encourage safe active transportation.	2024-09-16	Alexis Young Chris Toner

Legend: Yellow = New Addition to Action Item List
Green = Completed Items on Action List

14	Bring forward the results of the Water and Wastewater Master Plan upon completion.	2024-09-16	John Steckly
15	Bring forward a plan for the Town of Arnprior to do pollinator garden awards.	2024-09-16	
17	Identify potential solutions for the increased number of cigarette butts littered through the Town.	2024-09-16	Chris Toner Amy Dean
19	Seek further information from Ontario Power Generation about fish migration around the dam.	2024-09-16	

Legend: Yellow = New Addition to Action Item List
Green = Completed Items on Action List

Completed Items:

Item	Status	Responsible Party
Invite the Carleton Place Environmental Advisory Committee to be a delegation at a future meeting.	Completed	Amy Dean
Provide more information about the MacNamara Field Naturalists Club and its 40th anniversary plans.	Completed	Barry Goodman
Organize Earth Day activities and participation in National Earth Day workshop.	Completed	Amy Dean
Organize Pitch-In Week (April 29th, 2024 to May 5th, 2024) activities.	Completed	Lucas Power Amy Dean
Provide more information about the Great Arnprior Trash Hunt and how the EAC can get involved.	Completed	Alexis Young
Provide electronic copies of Town by-laws and policies with regard to environmental issues (as listed in the March 18th, 2024 Environmental Advisory Committees PowerPoint Presentation).	Completed	Oliver Jacob
Provide an update regarding The Great Arnprior Trash Hunt and its impact at the next EAC meeting.	Completed	Alexis Young
Create a sorting guide tool for use at public events.	Completed	Barry Goodman
Coordinate with the organizers of The Great Arnprior Trash Hunt to determine locations that are completed and in need of additional clean-up.	Completed	Amy Dean

Legend: Yellow = New Addition to Action Item List
Green = Completed Items on Action List

Add garbage bins into the passive park in the Marshall's Bay Meadows Subdivision until the park construction is completed with permanent benches and waste receptacles.	Completed	Graeme Ivory
Bring forward more information on the Nick Smith Centre Arena Slab Replacement project and its impact on the building's energy efficiency.	Completed	John Steckly Graeme Ivory
Bring forward more information to be presented to a future committee meeting on the Town's vehicle and equipment fleet and potential electrification opportunities.	Completed	John Steckly Graeme Ivory
Obtain a copy of the Community Action Arnprior presentation on Greening Business	Completed	Billy Denault
Identify priorities for potential data collection activities (i.e. survey).	Completed	Alexis Young
Review available tree planting grants and other opportunities to support the growth of the tree canopy across the community (on public and private properties).	Completed	John Steckly Graeme Ivory
Create a plan for an Invasive Species Shoreline Clean Up in the late fall or early spring.	Completed	Barry Goodman
Bring forward a plan for Waste Reduction Week 2024.	Completed	Kaitlyn Wendland
Explore options for including signage at the Marina to ask boaters to rinse their boats off after use.	Completed	Graeme Ivory
Work with Ottawa Riverkeepers on protecting our waterways.	Completed	Barry Goodman

Legend: Yellow = New Addition to Action Item List
Green = Completed Items on Action List