

Subject:

Notice of Public Information Centre

Participants:



Caldwell First Nation



GM BluePlan



City of London



ME



Created: Just now
.....

Aanii,

The Public Information Centre for the City of London PPCP Update Study will be held on May 7, 2025 between 5-7 pm, in person at 300 Dufferin Ave (2nd floor, Committee Rooms 1&2). Please see attached the Notice of Public Information Centre with additional details.

Additionally, we would also like an opportunity to further discuss the proposed strategy with you and incorporate any feedback you may have at your earliest convenience. Please reach out to us if you would like to set up a meeting, either in-person or virtual.

Miigwech.



BOMA



City of London PPCP Update Study_Notice of PIC_FINAL.pdf



REPLY



**REGISTERED
DOMESTIC**

CUSTOMER RECEIPT

**RECOMMANDÉ
RÉGIME INTÉRIEUR**

REÇU DU CLIENT



To Destinataire
Name Nom **Nikki van Oirschot**
Address Adresse
City / Prov. / Postal Code Ville / Prov. / Code postal
N8H 1P5

FOR DELIVERY
CONFIRMATION

CONFIRMATION
DE LA LIVRAISON

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postescanada.ca

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1 888 550-6333

CPC Tracking Number

Numéro de repérage de la SCP

RN 884 726 423 CA

Declared Valeur
Value déclarée \$

33-086-584 (17-12)

ONH 1 @ \$1.44 \$1.44
LETTERMAIL STD/LET STANDARD

Item Weight/Poids de l'article: 0.010
kg

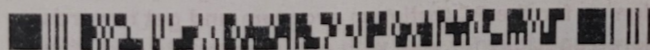
Volumetric Equivalent (VE)/
Équivalent volumétrique (EV): 0.000
Kg

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ZIP: N8H1P5

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RN884726423CA

ONH \$13.15
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ONH \$0.00
INSUR. PARC XP P/C/COLIS ASSUR XP P/C

Amount covered/Montant de la
couverture: \$100.00



Date: 2025/04/24

Dear Sir or Madam

Please find below the scanned delivery date and signature of the recipient of the item identified below:

Item Number RN884726423CA

Product Name Lettermail

Reference Number 1 Not Applicable

Reference Number 2 Not Applicable

Delivery Date (yyyy/mm/dd) 2025-04-24

Signatory Name L DODGE

Signature

A handwritten signature in black ink is written over a faded Canada Post logo. The signature appears to be "L DODGE". Below the signature, the date "2025-04-24" is printed in black.

Yours sincerely,

Customer Relationship Network

1-888-550-6333.

(From outside Canada 1 416 979-3033)

This copy confirms to the delivery date and signature of the individual who accepted and signed for the item in question. This information has been extracted from the Canadapost data warehouse

Subject: **Notice of Public Information Centre**

Participants:



Chippewas of the Thames First Nation



GM BluePlan



ME



Created: 5 minutes ago

Aanii,

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Miigwech.



City of London PPCP Update Study_Notice of PIC_FINAL.pdf

REPLY

CANADA POSTES
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Sue MIZKOKOMON
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NOL 1Y0

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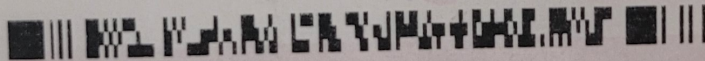
Volumetric Equivalent (VE)/
Équivalent volumétrique (EV): 0.000
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Destination: Canada

Postal code - ZIP Code/Code postal -
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RN884726105CA

ONH \$13.15
REG DOMESTIC/COURRIER RECOMMANDE

ONH \$0.00
INSUR. PARC XP P/C/COLIS ASSUR XP P/C

Amount covered/Montant de la
couverture: \$100.00



Date: 2025/04/24

Dear Sir or Madam

Please find below the scanned delivery date and signature of the recipient of the item identified below:

Item Number RN884726105CA

Product Name Lettermail

Reference Number 1 Not Applicable

Reference Number 2 Not Applicable

Delivery Date (yyyy/mm/dd) 2025-04-24

Signatory Name

A name and signature have been captured for the item, but the signatory has requested that they not be displayed on our website. If you need a copy of the name and signature, please call us at 1-888-550-6333. A fee may apply.

Signature

Yours sincerely,

Customer Relationship Network

1-888-550-6333.

(From outside Canada 1 416 979-3033)

This copy confirms to the delivery date and signature of the individual who accepted and signed for the item in question. This information has been extracted from the Canadapost data warehouse

From: [NationsConnect](#)
To: [An, Ashley](#)
Subject: [EXT] NationsConnect: PPCP Update regarding City of London Pollution Prevention Control Plan Update
Date: Tuesday, April 22, 2025 2:52:00 PM

EXTERNAL EMAIL

A reply has been sent from Erna Leclair and you have been involved in the conversation or were indicated as a person to notify.

Subject: PPCP Update

Aanii Ashley,

Body: Miigwech for the invitation to the PIC for the PPCP update on May 7 2025. The consultation unit is unable to attend due to out-of-town training, so we would welcome a separate meeting. The second week of May is open for us at the moment (May 12-13 and 15-16) from 10am-noon and 130-3pm. If those times don't work, let me know. We have some time the following week. In person would be great! We'd be happy to come to your office or your team can come here.

Have a good day,

Erna

[View conversation in NationsConnect](#)

From: [NationsConnect](#)
To: [An, Ashley](#)
Subject: [EXT] NationsConnect: PPCP Update regarding City of London Pollution Prevention Control Plan Update
Date: Thursday, May 22, 2025 1:50:02 PM

EXTERNAL EMAIL

A reply has been sent from Erna Leclair and you have been involved in the conversation or were indicated as a person to notify.

Subject: PPCP Update

Hi Ashley!

Body: Apologies, our June is pretty jammed packed. We have availability on June 17. However, we heard there might be an Dingman Creek open house on June 17, so some people involved might be busy that day. Can you confirm? If June 17 doesn't work, we have open availability July 2-4 and the following week (Tuesday-Thursday).

[View conversation in NationsConnect](#)

From: [NationsConnect](#)
To: [An, Ashley](#)
Subject: [EXT] NationsConnect: PPCP Update regarding City of London Pollution Prevention Control Plan Update
Date: Monday, June 2, 2025 10:46:56 AM

EXTERNAL EMAIL

A reply has been sent from Erna Leclair and you have been involved in the conversation or were indicated as a person to notify.

Subject: PPCP Update

Hello again Ashley!

Body: Can you confirm how many people will be joining from your end? For now, we will tentatively be having it at the Band Office (320 Chippewa Road) either in the Consultation Office or the TLE Boardroom.

Erna

[View conversation in NationsConnect](#)

Subject: **Minutes from Meeting Held on June 17, 2025**

Participants:



Chippewas of the Thames First Nation



GM BluePlan



City of London



ME



Created: 23 seconds ago

Hello,

My apologies for the delay in sending out the draft minutes from the meeting held on June 17, 2025 to discuss the project status update for the London PPCP.

Please see attached the meeting minutes, as well as the presentation slides. Let me know if there should be any changes to the minutes.

If you have any additional questions or comments for the Project Team, please don't hesitate to let me know.

Thanks,
Ashley

”



📎 2402185 London PPCP_COTTfN Meeting_06172025.pdf

📎 20250617 - 722063 London PPCP - COTTfN Meeting Minutes.docx

Meeting Minutes

Project: City of London PPCP Update		Project No: 722063																		
Meeting: COTTFN Project Status Update																				
Date: Tuesday June 17 th , 2025		Time: 1:30pm																		
Location: 320 Chippewas Road, Muncey																				
Attendees: <table> <tr> <td><u>COTTFN</u></td><td><u>City of London</u></td><td><u>GEI Consultants Canada (GEI)</u></td></tr> <tr> <td>Fallon Burch (FB)</td><td>Yanzhen Ou</td><td>James Jorgensen</td></tr> <tr> <td>Erna-Marie Leclair (EL)</td><td>Kyle Chambers</td><td>Ashley An</td></tr> <tr> <td>Jennifer Mills (JM)</td><td>Josh LeBlanc</td><td></td></tr> <tr> <td>Brandon Doxtator (BD)</td><td>Mary Alikakos</td><td></td></tr> <tr> <td>Kelly Riley (KR)</td><td></td><td></td></tr> </table>			<u>COTTFN</u>	<u>City of London</u>	<u>GEI Consultants Canada (GEI)</u>	Fallon Burch (FB)	Yanzhen Ou	James Jorgensen	Erna-Marie Leclair (EL)	Kyle Chambers	Ashley An	Jennifer Mills (JM)	Josh LeBlanc		Brandon Doxtator (BD)	Mary Alikakos		Kelly Riley (KR)		
<u>COTTFN</u>	<u>City of London</u>	<u>GEI Consultants Canada (GEI)</u>																		
Fallon Burch (FB)	Yanzhen Ou	James Jorgensen																		
Erna-Marie Leclair (EL)	Kyle Chambers	Ashley An																		
Jennifer Mills (JM)	Josh LeBlanc																			
Brandon Doxtator (BD)	Mary Alikakos																			
Kelly Riley (KR)																				

Meeting Minutes

Please refer to the attached presentation slides.

The purpose of this meeting was to provide a project status update, present the evaluation and selection of the preliminary preferred strategy, and request input on the potential impacts to Treaty rights and traditional lands.

The preferred strategy manages wet weather flow and reduces the volume and frequency of overflows to the Thames River. The “Point-of-Sale” disconnection program would involve a new by-law or amendment to an existing by-law requiring qualifying property owners to disconnect their existing weeping tiles, if connected to the sanitary sewer when a property is sold. A Certificate of Compliance must be obtained after successful disconnection and inspection. This improves the water quality of the Thames River by re-routing excess “clean” water to the storm sewer system, which reduces peak flow during extreme rainfall events so that pipe capacity is not exceeded.

Who	Question/ Comment	Response/ Action
JM	Is there a graphic that shows all of the overflows, not just the high-priority overflows?	The presentation shows all of the CSO/SSO locations, including the high-priority overflows which are more sensitive to rain-fall events. Note that the City has also launched a real-time overflow and bypass information website for WWTPs and PSs which will have mapping.
EL	Notes that the real-time reporting would be useful if there is a table/ summary of the overflow in addition to the map.	The City will discuss with the Wastewater Treatment Operations group to add this feature.

Who	Question/ Comment	Response/ Action
JM	For the US point-of-sale property disconnection examples, what type of enforcement is available?	The US examples are enforced by state legislation (NYSDEC) and US EPA consent decrees. The equivalent for Ontario would be MECP, which does not require this specific strategy to be implemented. Enforcement will be at a local level through bylaw creation and endorsement from the municipal council.
EL	How long will it take to disconnect all eligible homes?	The MPAC data provided (between 2014-2023) estimates a turnover rate of 3,558 eligible homes being sold per year and will take approximately 15 years to complete all disconnections. However, this assumes a linear rate, but in reality, the heavy work will come in the first 5-10 years of implementation as the number of eligible homes decreases every year. The goal is that most, if not all, overflows will be eventually eliminated or significantly reduced largely due to weeping tile disconnections. From the first year of implementation system benefits will begin.
JM	How long has the City's voluntary program been ongoing?	The voluntary disconnection program has been ongoing for at least 20 years, but has seen limited success due to low homeowner participation rates. Note that 1 year of the point-of-sale program will be more effective than in all the years of the voluntary program.
EL	Will there still be incentives available once the point-of-sale program is implemented?	The City will always have the Basement Flooding Grant Program available, which offers a 90% rebate up to a maximum, for eligible homeowners who have experienced or are at risk of basement flooding. The grant program is available as a reactive resource, whereas the point-of-sale program aims to be proactive in reducing risk of basement flooding.
JM	In the evaluation matrix, why does it state that the potential rebate to homeowners will be lower than voluntary?	The potential rebates will depend on Council decision on budget. The evaluation matrix assumes a conservative approach in which the weeping tile disconnection will mainly be an individual cost to homeowners. However, this is to be determined and can range from no rebates to full rebates or anything in between.

Who	Question/ Comment	Response/ Action
JM	What is the work currently happening in the Greenway sewershed?	Work currently happening include flood proofing to raise some of the berms to protect from elevated river conditions, which would be a major impact to the WWTP. There is also future WWTP expansion works planned (in the next budget cycle).
EL	If Council approves, what is the start day for implementation?	The Project Team will need to review the schedule (to include public education aspects) and the budget (to include additional staffing and resource requirements), but hopes to line up with the new budget cycle starting on January 1, 2028.
JM	Notes that they are glad there is a mechanism in place to create a mandatory program since the voluntary program is clearly not working effectively to reduce the CSO/SSO overflows.	The Project Team hopes that the COTTFN will provide a formal response regarding the preliminary preferred strategy which will support approval at Council.
JM	Has there been any analysis done on the increased flows impacting the existing system due to the proposed urban growth boundary expansion?	New growth will not be as sensitive to extreme rainfall events, as properties will be built to current building code and will not have direct stormwater connections to the sanitary system. Increased dry weather flows will trigger some infrastructure upgrades. Note that this analysis will be conducted by a separate study, typically a water and wastewater infrastructure Master Plan.
JM	On the planning side, has there been any analysis done for intensification to see if upgrades are needed due to their contributing flows?	Contributing flows as part of intensification will be reviewed on a case by case, separate from this study, to determine if there is enough capacity within the existing system for the development to come online.

Meeting Action Items	
GEI to upload presentation slides and meeting minutes to Nations Connect for COTTFN to access and review.	GEI
COTTFN to provide a formal response back to the Project Team regarding the project status update and the preliminary preferred strategy.	COTTFN

City of London Pollution Prevention Control Plan (PPCP) Update Study

Chippewas of the Thames First Nation

Status Update Meeting

Tuesday June 17th, 2025

Introductions

**Chippewas of the
Thames First
Nation**

Yanzhen Ou
as Project Manager

**City of
London**

Truth
Reconciliation
Gratitude

James Jorgensen
as Project Manager

**GEI
Consultants
Canada**
(formerly GM
BluePlan)

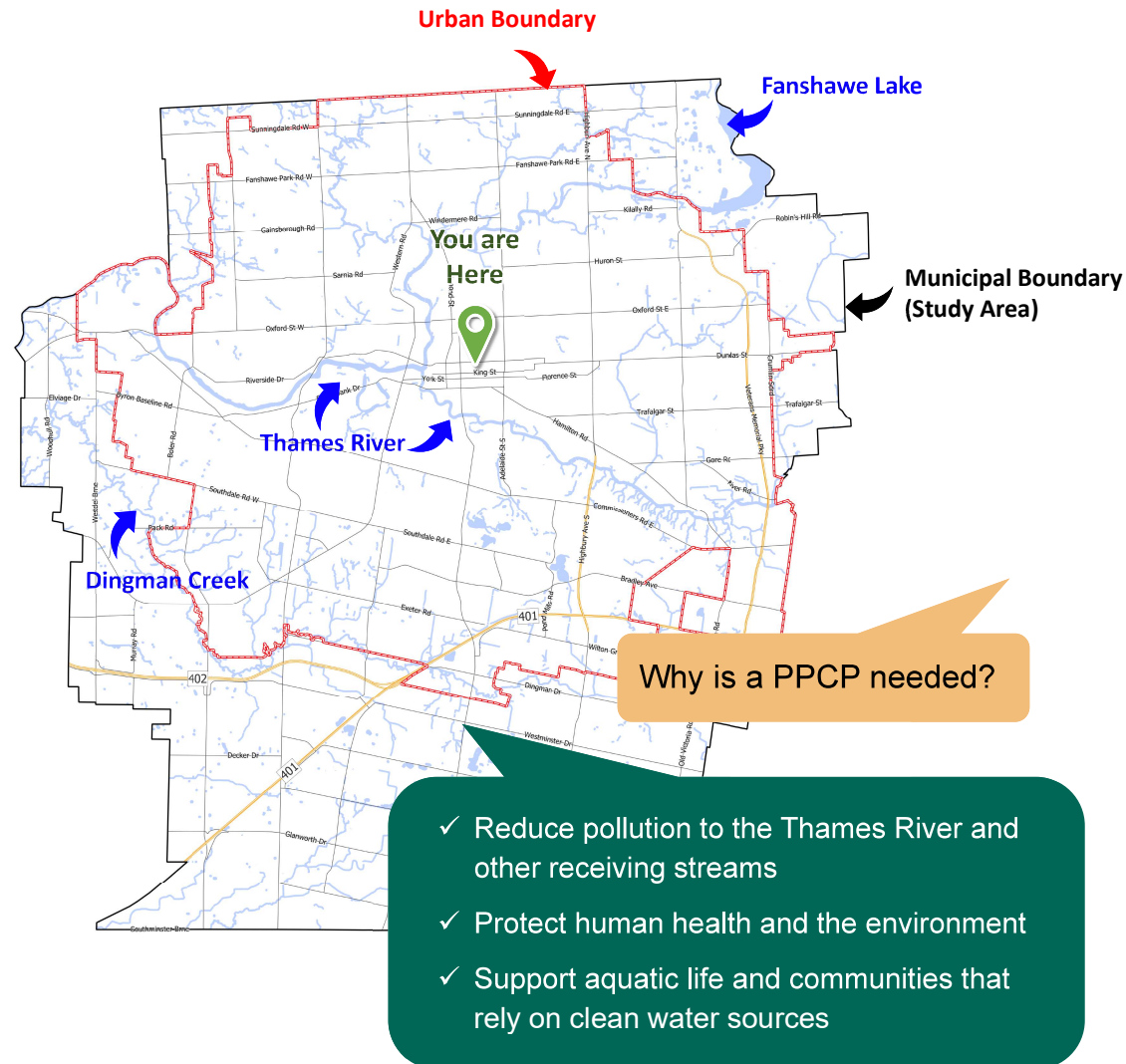


Zgaswediwin

What is the Pollution Prevention Control Plan Update Study about?

Study Introduction and Background

- ❖ The **Pollution Prevention Control Plan (PPCP)** update study was initiated as part of the City's ongoing efforts to improve the performance and resiliency of the sanitary system, as well as improve the quality of the City's existing waterways.
- ❖ Objective of the Study is to develop an implementation plan for a long-term solution that will limit the volume and frequency of **Combined Sewer Overflows (CSOs)** and **Sanitary Sewer Overflows (SSOs)** into local tributaries.
- ❖ The implementation plan will follow the principles as set out by the **Ministry of Environment, Conservation, and Parks (MECP) Procedure F-5-5**.



Importance of the Thames River

- The Upper Thames River watershed is within the traditional territory of the Attawandaron, Anishinaabeg, Haudenosaunee, and Lunaapeewak peoples.
- Chippewas of the Thames First Nation, Oneida Nation of the Thames, Munsee Delaware Nation and Delaware Nation at Moraviantown continue to maintain a strong Indigenous presence along the river.

The Project Team recognizes the Nation's commitment to protect the watershed as part of their consultation territory and requests the respectful use of their traditional lands and waters.

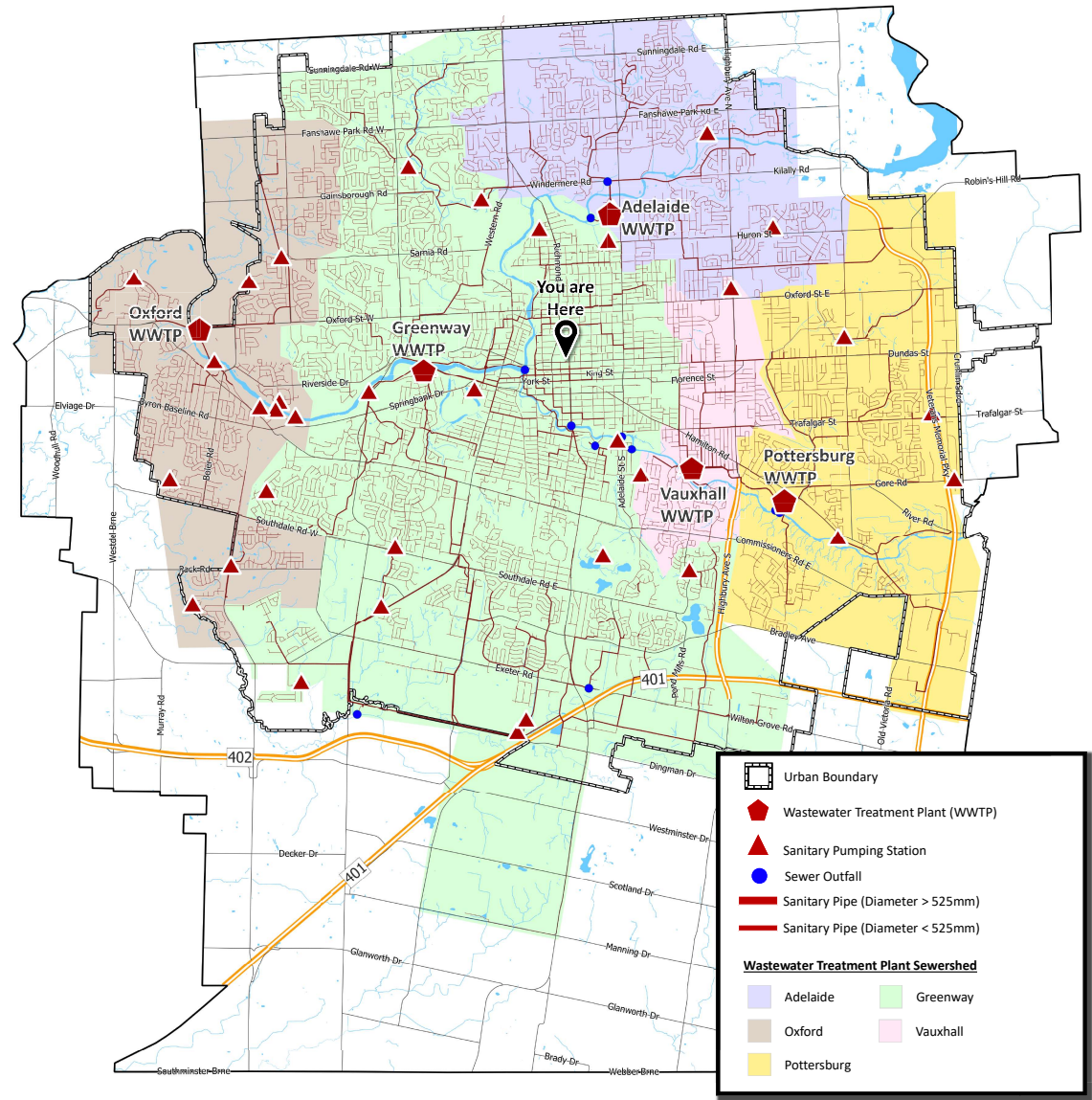


What are the challenges of the system?

Existing System Constraints

The City owns and operates all its sewer system infrastructure.

- ❖ 128 sanitary sewer overflows
- ❖ 1,450 km of sanitary sewers
 - 11.5 km are combined sewers
- ❖ 35 sanitary pumping stations (SPS)
 - 29 SPSs discharge directly to receiving streams or indirectly through storm sewers during extreme rainfall events
- ❖ 5 wastewater treatment plants (WWTP)

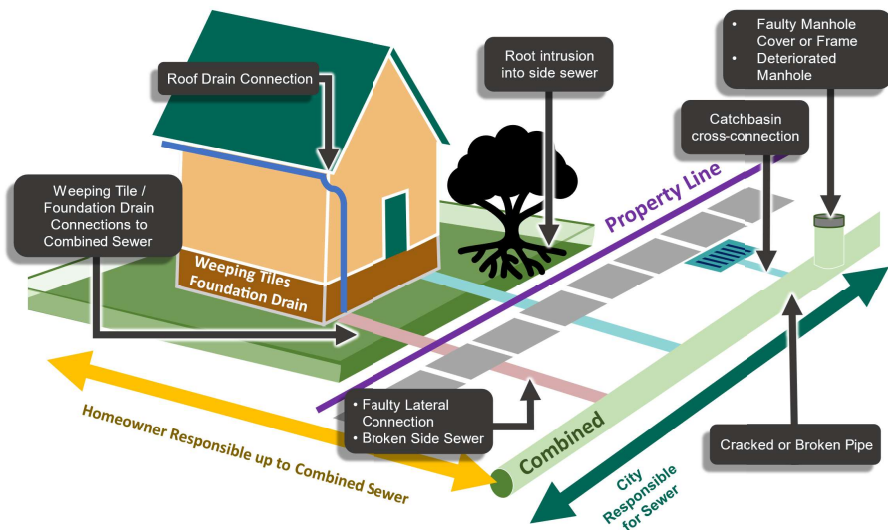


Where are wet weather flows coming from?

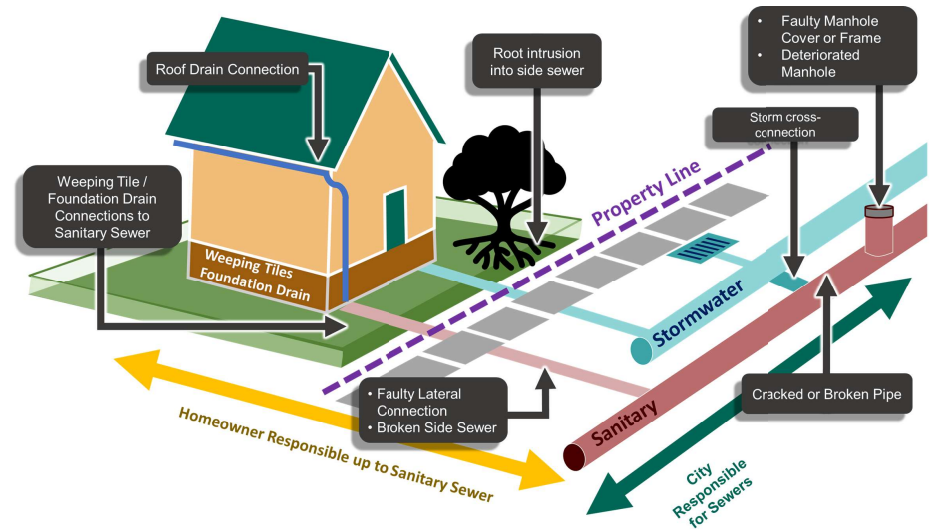
Inflow and Infiltration

Inflow and Infiltration (I&I) refers to groundwater and stormwater that enters the sanitary sewer system and causes problems including risk of basement flooding, CSOs and SSOs into the environment, reduced system capacities, reduced treatment plant efficiencies, and increased costs to residents.

Sources of Wet Weather Flow



Combined System



Separated System

How are flows treated?

MECP Procedure F-5-5

- ❖ CSOs and SSOs release untreated sewage and stormwater to the environment when the system is overwhelmed – typically during an extreme rainfall event.
- ❖ The **Procedure F-5-5** defines the rules for treating sewage and reducing CSOs and SSOs to achieve provincial water quality objectives.

The PPCP update study will recommend a long-term implementation plan that aims to limit the volume and frequency of overflows to meet F-5-5 requirements.

Final Deliverable



Procedure F-5-5

- ✓ Treat 100% of Daily Sewage from Residents
- ✓ Maintain or Improve the Existing Level of Treated Sewage
- ✓ Develop a Pollution Prevention Control Plan to Identify Pollution Sources and Causes
- Treat 90% of Wet Weather Flows from April to October



Propose Alternatives, Solutions and Recommend an Implementation Plan

What has been done so far?

Previous Pollution Prevention Control Plan Strategy

Phase 1 PPCP 2014: 149 SSOs were identified.

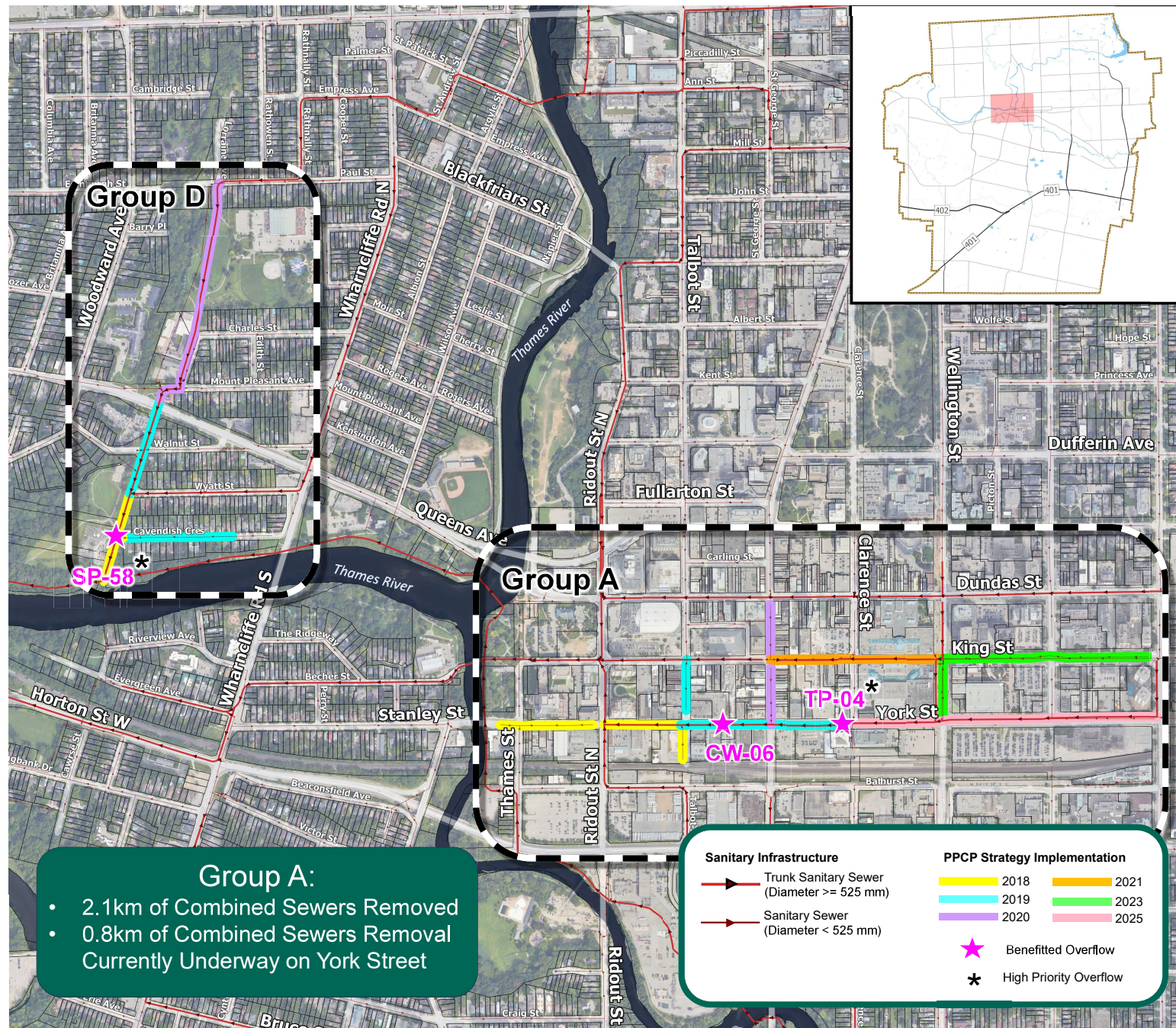
Phase 2 PPCP 2018: 11 SSOs were determined as high priority.

Phase 3 PPCP 2018: 10 SSOs were removed, with 139 SSOs remaining.

Short and medium-term strategies recommended as part of the implementation plan.

- ❖ **Group A:** Sewer Separation (In-Progress)
- ❖ **Group B, H, & I:** Weeping Tile Disconnection (In-Progress)
- ❖ **Group C & E:** I&I Reduction Feasibility Studies (In-Progress)
- ❖ **Group D:** Cavendish Trunk Upsizing (Completed)
- ❖ **Group F:** Pipe Realignment (Not yet initiated)

These recommendations when implemented, aim to reduce the wet weather flow to the City's high priority SSOs and prevents overwhelming of the sanitary system during extreme rainfall events.



What has the current study found?

Overflow Assessment Update

PPCP 2025 Update:

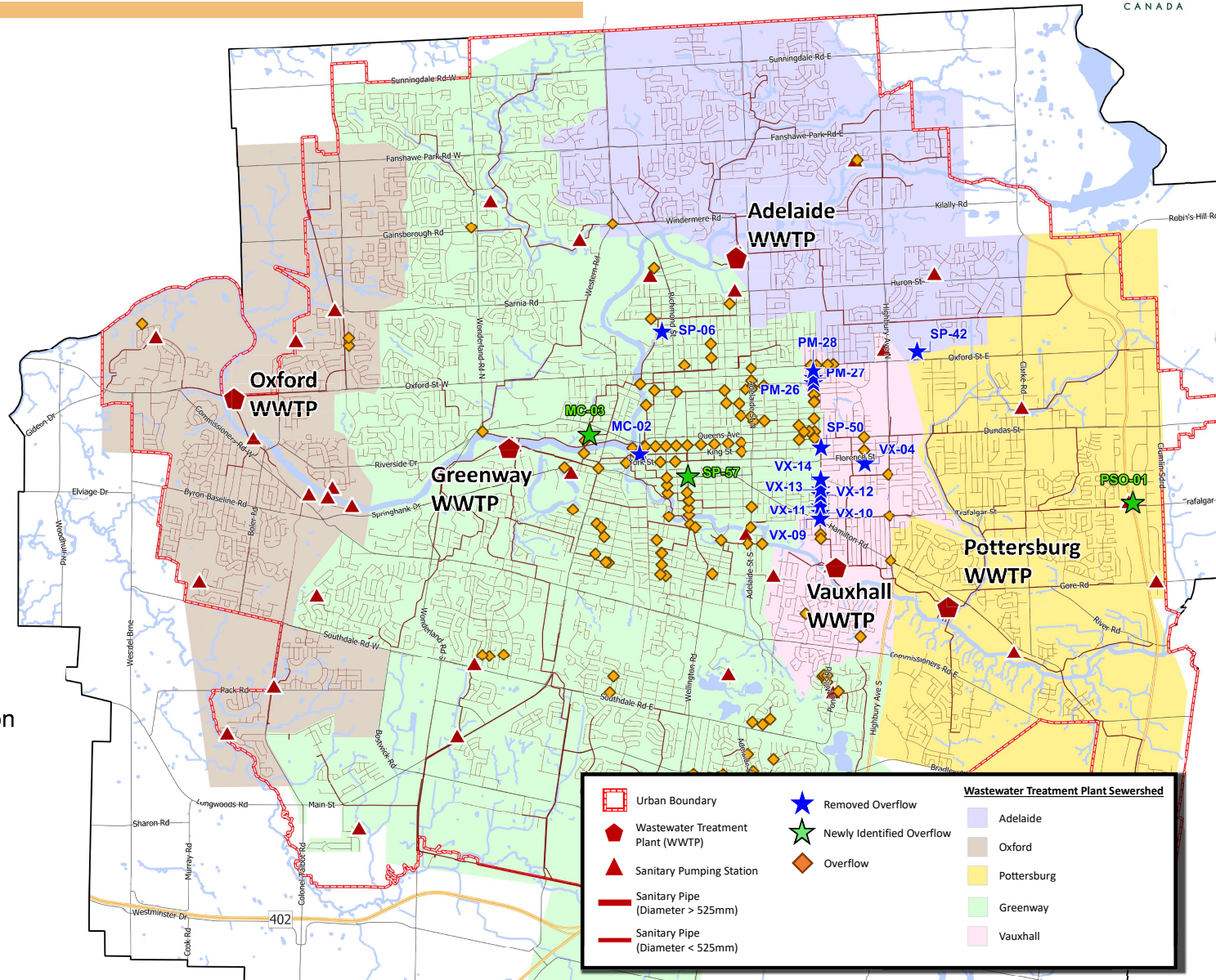
- ❖ 128 SSOs were identified.

Since 2018, 3 SSOs were newly identified and 14 SSOs were entirely removed through sewer system improvements!

Many more overflows have been greatly reduced.

However, the City was challenged with the implementation of the targeted weeping tile disconnections due to limited participation:

- ❖ Benefits of disconnection were not conveyed effectively to homeowners.
- ❖ Coordination with homeowners to work on their private property and inside homes was difficult.



What has the current study found?

Removed Overflows Since 2018 PPCP

System Overflow	Year Removed	Location (or nearest intersection)	Reason for Removal
VX-10	2019	Egerton St. and Ormsby St.	Egerton Sewer system was redesigned, and overflows deemed no longer necessary.
VX-11	2019	Egerton St. and Hackett St.	
VX-12	2019	Egerton St. and Grafton St.	
VX-13	2019	Egerton St. and Pine St.	
VX-14	2019	Egerton St. and Brydges St.	
SP-42	2020	Roehampton Ave.	Inactive overflow removed during reconstruction of Roehampton Avenue.
MC-02	2020	King St. between Thames St. & Ridout St.	Removed to minimize stormwater entering the sanitary sewer system.
SP-06	2018	Cheapside St. and St. George St	Removed as part of infrastructure renewal project.
SP-50	2018	Egerton St. and King St.	Egerton Sewer system was redesigned, and overflow deemed no longer necessary.
VX-04	2016	Ashland Ave. and Frances St.	Removed as sanitary sewers on Ashland Avenue were reconfigured.
VX-09	2021	Egerton St. and Trafalgar St.	Egerton Sewer system was redesigned, overflows deemed no longer necessary.
PM-26	2023	Quebec St. and Mornington Ave.	Removed as Quebec Street was reconstructed from Oxford Street East to the CP rail yard.
PM-27	2023	Quebec St. north of Mornington Ave.	
PM-28	2023	Quebec St. north of Mornington Ave.	

What has the current study found?

High Priority Overflows

PPCP 2025 Update:

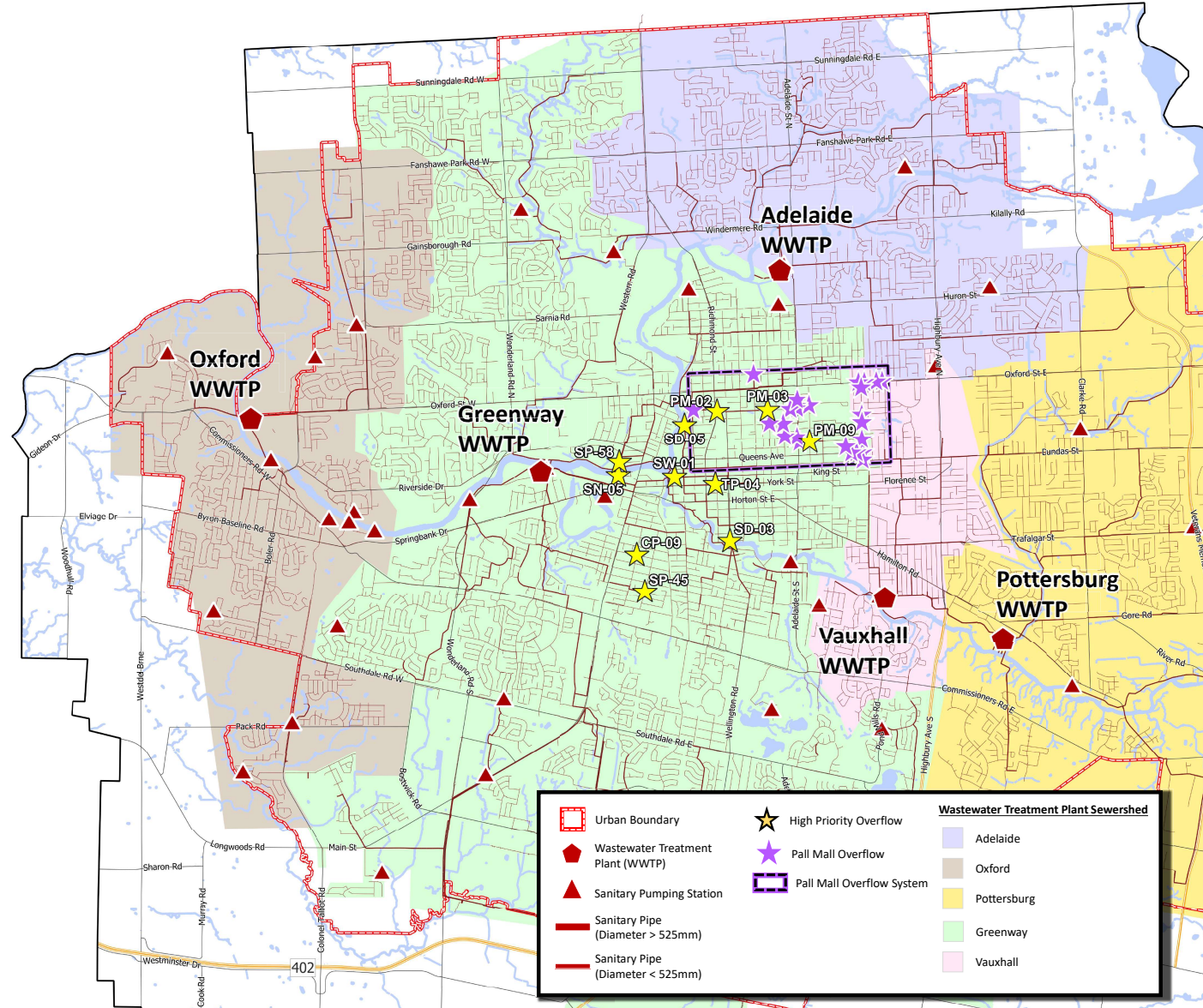
- ❖ 12 SSOs were determined as high priority.

Since 2018, overflow volume across the City has greatly decreased as a result of successful combined sewer separation projects.

A high priority overflow site is determined based on a combination of assessment criteria:

1. It does not treat **90% of Wet Weather Flows** from April to October.
2. The **water quality** downstream is already polluted or starting to degrade.
3. Annual discharge surpasses **1,000 m³** determined from hydraulic model results.

Note that the **Pall Mall Overflow System** will be treated as one additional high priority overflow since all overflow sites in this area discharge to a common relief sewer.



How can we address overflows?

Mitigation Strategies



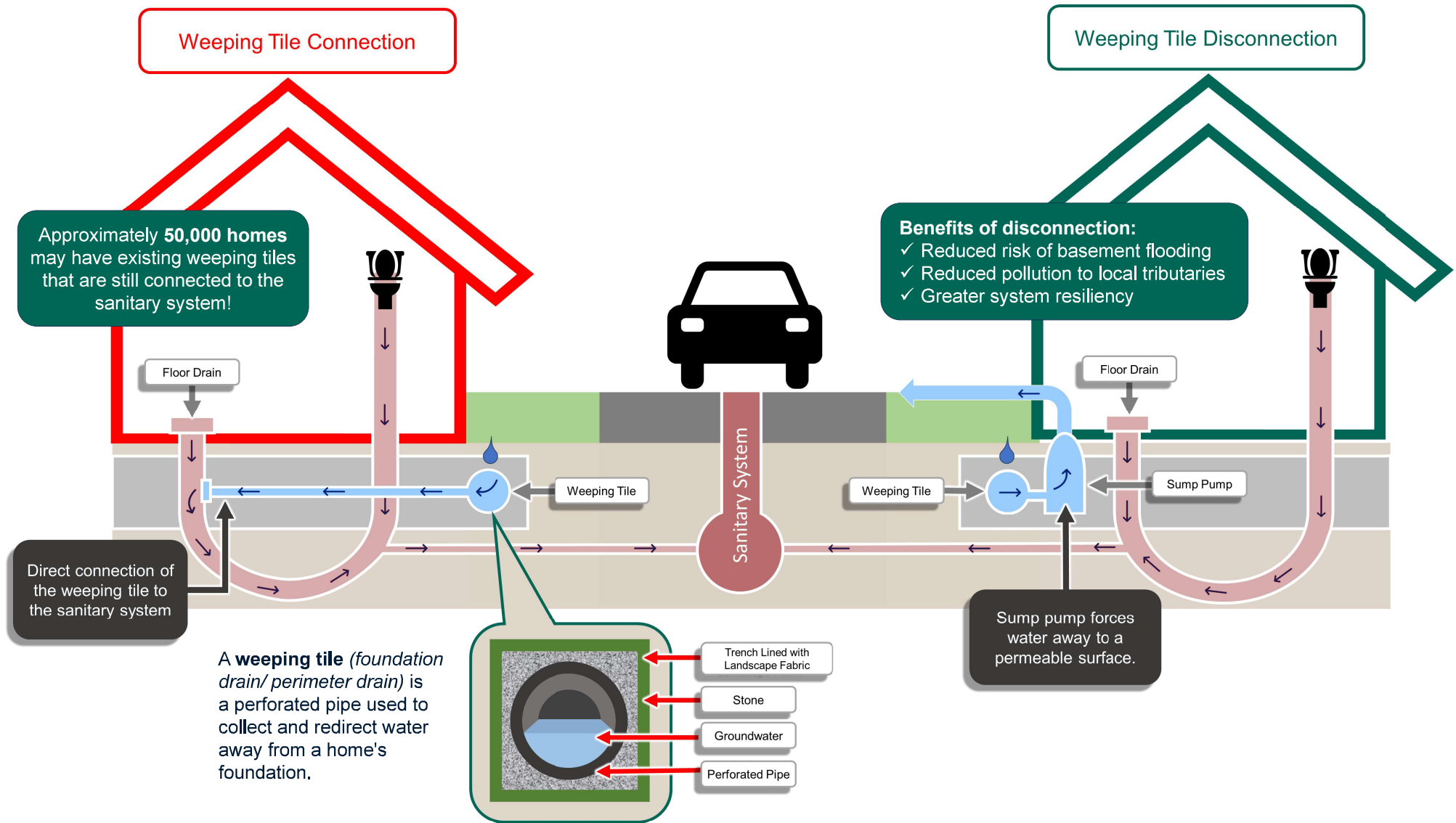
Selected Mitigation Strategy



Mitigation Strategies	New Storage Tanks	Reconfigure Overflow Weirs	Weeping Tile Disconnection	Pipe Upsizing	Pumping Station Upsizing
Description	Temporarily hold excess overflows which are then slowly emptied into the sewer system and treated once capacity is available.	Designed to allow spills during extreme rainfall events to prevent system backups.	Disconnection weeping tiles from the sanitary system, and installation of a sump pit and pump.	Increased sewer capacity with larger diameter sewers to handle higher volumes.	Install larger or additional pumps so more sewage can be moved through system towards the treatment plants.
Benefits	Reduce frequency and volume of CSOs and SSOs during extreme rainfall events	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Better flow control to retain more volume in the system - Low cost - Localized solution	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Reduce overall stormwater volume entering system - Lower basement flooding risks - Prepare City for future potential provincial compliance changes	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Provide capacity for additional growth - Better suited to carry combined flow of sewage and stormwater	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Prevent system backup - Additional storage available to temporarily hold excess overflow
Drawbacks	- Odour - Location availability - Storage limits - Variable costs	- Increase downstream spillage risks - Increase upstream flooding risks - Limited ability to implement in existing system	Requires property owner participation	- Higher costs with larger upgrades - Designed capacity limits	- Highest cost - Does not eliminate overflow risk downstream - Significant maintenance required

How do we disconnect weeping tiles?

Weeping Tile Disconnection and Sump Pit and Pump



How can we apply the weeping tile disconnection strategy?

Types of Weeping Tile Disconnection Programs



Voluntary Disconnection Program

- ❖ Homeowners voluntarily disconnect weeping tiles from the sanitary system.
- ❖ Eligible homeowners may be assisted financially through a partial or full rebate/subsidy.



Point-of-Sale Mandatory Disconnection Program

- ❖ Discharge of stormwater from property into sanitary system is prohibited, and all eligible property types must disconnect weeping tiles and install a sump pit and pump prior to land title transfer.
- ❖ Enforced for compliance.



Incentivized Program

- ❖ City encourages disconnection of weeping tiles through additional incentives shown as a credit benefit on the homeowner's recurring wastewater bill.
- ❖ Not enforced for compliance.



Disincentivized Program

- ❖ City encourages disconnection of weeping tiles through enforcement shown as a punitive charge on the homeowner's recurring wastewater bill.
- ❖ These charges offset increased system operation and maintenance costs from connected weeping tile flows.

How do we select the weeping tile disconnection program?

Evaluation Criteria

The following evaluation criterion were used to select the preferred weeping tile disconnection program.



Flexibility of Choice

Does the program empower homeowners?



Participation Rate

Does the program reach minimum homeowner participation?



Financial Implications

Is the program financially feasible?



Customer Impact

How will the program impact homeowners?



Efficacy of Reducing Overflows

How efficiently will the program reduce the volume and frequency of overflows within the City?



System Improvement Potential

How efficiently, in the short-term and long-term, will this program address existing system capacity constraints?



Implementation Flexibility

What is the scalability and practicality of the program from the City's operational perspective?



City Workload Management

What and how many City resources will be required to apply the program?

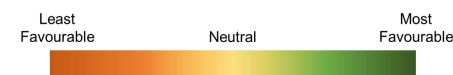


Program Time Scale

Will the program reduce overflow volume and frequency in a reasonable time scale?

Which weeping tile disconnection program is most preferred?

Evaluation Results



Selected Weeping Tile Disconnection Program

Evaluation Criterion	Voluntary	Point-of-Sale Mandatory	Incentivized	Disincentived
Flexibility of Choice	Most Favourable Homeowners can decide not to participate with no legal or financial repercussions.	Less Favourable By-law requirement, legal repercussions if not in compliance.	Most Favourable Credit benefit/ additional funding offered for homeowners who decide to participate.	Neutral Punitive charge incentive applied for homeowners who decide not to participate
Participation Rate	Less Favourable Low participation expected without additional funding, depends on public education for homeowners to act.	Most Favourable Highest participation expected as it is a requirement for all eligible homeowners across the City.	Neutral Higher participation expected than voluntary due to additional funding, relies on public education for homeowners to act.	More Favourable Higher participation expected than voluntary and incentivized, relies on public education for homeowners to act.
Financial Implications	Most Favourable Most financially feasible for homeowners, covering up to 90% of capital costs.	Less Favourable Some rebate/ subsidy opportunities may be available to support homeowners but will be less than voluntary.	Most Favourable Most financially feasible for homeowners as credit benefit/ additional funding is available to cover capital costs and future costs.	Less Favourable Some rebate/ subsidy opportunities may be available to support homeowners but will be less than voluntary.
Customer Impact	Most Favourable Will satisfy and benefit existing flood-impacted homeowners while not disrupting others.	Least Favourable Impacted homeowners affected due to potential property closing delays and may disproportionately disrupt certain demographics, leading to increased risk for legal challenges.	Neutral Level of disruption and impact dependent on homeowners' choice to disconnect.	Less Favourable Level of disruption and impact dependent on homeowners' choice to disconnect, may disproportionately affect certain demographics.
Efficacy of Reducing Overflows	Less Favourable Variable decrease in basement flooding risk and minimal overflow reduction anticipated, dependent on homeowner participation in same area/ sewershed	Most Favourable Decreased risk of basement flooding for homeowners in same area with limited number of overflows anticipated across the City.	Less Favourable Variable decrease in basement flooding risk and variable overflow reduction anticipated, however more homeowners expected to participate in same area/ sewershed compared to voluntary	Neutral Variable decrease in basement flooding risk and variable overflow reduction anticipated, however more homeowners expected to participate in same area/ sewershed compared to voluntary and incentivized.
System Improvement Potential	Less Favourable Minimal system improvements anticipated, no meaningful beneficial change from existing at current participation rate	Most Favourable Large system improvements and resiliency anticipated, including long-term WWTF and PS cost savings.	Neutral Some system improvements compared to existing due to higher participation rate.	More Favourable More system improvements compared to existing and incentivized due to higher participation rate
Implementation Flexibility	More Favourable More flexibility in scheduling inspections for seasons where weather conditions are favorable.	Less Favourable Less flexibility in scheduling inspections, based on timing of home sale.	Neutral Building Division required to inspect work when homeowner calls.	Neutral Building Division required to inspect work when homeowner calls.
City Workload Management	Most Favourable No additional implementation necessary, no strain anticipated on existing workloads.	Less Favourable High complexity expected requiring significant administration and City resources once by-law is approved and operational.	More Favourable Some complexity expected, requiring additional funding approval for incentives.	More Favourable Some complexity expected, requiring additional coordination with City wastewater operations team for wastewater billing when applying punitive charges.
Program Timescale	Least Favourable No enforcement available as it is homeowner-initiated program length may be indefinite without additional measures.	Most Favourable Strict and streamlined enforcement for homeowner compliance across the City will help to minimize program length.	Neutral No enforcement available as it is the homeowner's choice to disconnect, program length anticipated to be shorter than voluntary.	More Favourable Enforcement in the form of punitive charge for non-disconnection will help to minimize program length.
Overall Rating	Least Preferred Disconnection Approach	Most Preferred Disconnection Approach	Second Least Preferred Disconnection Approach	Second Most Preferred Disconnection Approach

How could this program be implemented?

“Point-of-Sale” Mandatory Disconnection Program

- ❖ **Point-of-Sale Disconnection Program:** a mandatory requirement for all single-family homes to disconnect their weeping tiles if they have an existing connection to the municipal sanitary system at the time the property is sold.
- ❖ Disconnected homes would receive a **Point-of-Sale Certificate of Compliance**, similar to when you sell your car and need to obtain a Vehicle Safety Standards Certificate.
- ❖ Every disconnected weeping tile through this program will reduce the amount of flow in the sanitary sewer system.



Increased number of properties with disconnected weeping tiles



- Decreased sewage overflows to the Thames River and receiving waters
- Decreased wastewater treatment costs

This is a long-term strategy which will be a total net benefit for the entire sanitary system, reducing the City’s volume and frequency overflow discharges beyond the F-5-5 90% compliance, and greatly reduces basement flooding risk.

Point-of-Sale Certificate of Compliance



Inspection Requirement

Inflow and Infiltration inspection conducted by City staff on all single-family homes prior to selling property.

PASS | **FAIL**

Is Weeping Tile Connected to Sanitary System?

Certificate of Compliance provided by the City.

Weeping tile disconnection performed by licensed plumber.*

Re-Inspection

* A Building Permit will be required for any changes to the plumbing system.

Transfer of Ownership

Title ownership can only be transferred once a Certificate of Compliance in obtained for the property.

Validation Period

Certificate of Compliance remains with the property, and no additional inspection required for future title transfers unless there are major changes to the home's plumbing system.**

** Sell value of home may potentially be increased as home is trusted to have reduced basement flooding risk.

How will this program be implemented?

“Point-of-Sale” Benefits & Challenges

Benefits of the Program

- ✓ Reduced Volume and Frequency of Overflows
- ✓ Reduced Volume and Frequency of Flow Bypasses at the Wastewater Treatment Plants
- ✓ Reduced Risk of Basement Flooding
- ✓ Increased System Resiliency for Climate Change
- ✓ Reduced Pollution into Local Tributaries
- ✓ Minimized Potential for Impacts on Human Health and Aquatic Life

Note that the remaining 2018 recommended strategies for **Groups A, C, E, and F** are carried through in the updated Implementation Plan for the short-term.

Together with the efforts from the Point-of-Sale Disconnection Program, the City aims to have all high priority overflow sites reduced or eliminated in the long-term.

This is still a working program and will require Council buy-in and approval before implementation.

Challenges of the Program



➤ Resource Planning

- ❖ Coordination between major primary interest-holder groups
- ❖ Coordination with the existing **Basement Flooding Grant Program**
- ❖ Hiring additional City Inspection and Administration staff



➤ Administration Considerations

- ❖ Funding and Resource Costs
- ❖ Enforcement for Compliance Measures
- ❖ Exemptions and Special Cases

2018 PPCP Recommendations Carried Forward Short-Term Implementation Plan

The PPCP focuses on high priority overflows to recommend necessary system improvements to achieve the greatest potential for overflow reduction in the system.

Priority Group	Recommended Projects/ Studies from the 2018 PPCP Implementation Plan	Downstream High Priority Overflow Locations Benefitted	Planned Timing
Group A	Sewer separation in the City Centre along Wellington Street, York Street, Talbot Street, Richmond Street, King Street.	SW-01	Will be completed in 2025
	Sewer separation in the City Centre along Clarence Street.	SW-01	Will be completed in 2027
Group A and Group C	- Study to determine the feasibility of reducing the I&I by 50% in the PM-02, PM-03 and PM-09 catchment areas (Option 1). - Study to determine the feasibility of removing storm flows from the Pall Mall Storm and Relief sewer to utilize the sewer as in-line storage for the Pall Mall Trunk SSOs (Option 2).	SW-01 PM-02 PM-09 SD-05 PM-03	Addressed though 2025 PPCP Recommendations (Point-of-Sale Disconnection)
Group E	Study to determine the feasibility of removing I&I from the identified sources.	CP-09	Addressed though 2025 PPCP Recommendations (Point-of-Sale Disconnection)
Group F	Realignment of the Horton/ Wharncliffe Sewer.	SN-05	Construction TBD

Next Steps

Study Timeline

August 2025: Finalize Implementation Plan

September 2025: Completion of PPCP Update Study

October 2025: Present Implementation Plan to City Council



Additional project information can be found on the project website, which can be accessed by scanning the QR Code with your smartphone.

Contact the Project Team



Yanzhen Ou, M.Eng, P.Eng
Environmental Services Engineer
Sewer Engineering
City of London
(519) 661-2489 ext. 4015
oyanzhen@london.ca

James Jorgensen, C.WEM, C.Env, MIAM
Vice President, Infrastructure Planning
GEI Consultants Canada
(416) 703-0667 ext. 7209
jjorgensen@geiconsultants.com

For More Information On.. Existing City Programs and Initiatives

Communication and Public Education

- ❖ Basement flooding awareness campaigns.
- ❖ Website dedicated to information regarding basement flooding causes, prevention and City contact.



Scan the QR Code to visit the City's website on Basement Flooding.

Basement Flooding Grant Program

- ❖ A voluntary financial assistance program for qualifying residential properties that have experienced basement flooding due to City sewer backups.



Scan the QR Code to visit the City's website on the *Basement Flooding Grant Program*.

Pilot Projects

The City has completed weeping tile disconnection pilot projects for specific neighborhoods throughout the City.

Impacted neighborhoods were found to have:

- ❖ Significant basement flooding issues
- ❖ Weeping tile connection to the sanitary sewer
- ❖ Downspout discharge location at or near a building's foundation wall

From: [An, Ashley](#)
To: Justin.logan@delawarenation.on.ca; Lands.Assistant@delawarenation.on.ca
Cc: [Jorgensen, James](#); [Ou, Yanzhen](#)
Subject: City of London Pollution Prevention Control Plan Update Study - Notice of PIC
Date: Thursday, April 17, 2025 1:40:00 PM
Attachments: [City of London PPCP Update Study Notice of PIC FINAL.pdf](#)

Koolamalsi,

I would like to follow up on the previous Project Status Update email and letter, sent on March 13, 2025, in relation to the City of London Pollution Prevention Control Plan (PPCP) Update Study.

As mentioned, the City is planning a Public Information Centre (PIC) scheduled for May 7, 2025, to present the public with the evaluation and selection of our proposed strategy for the PPCP Update Study. Please see attached the Notice of PIC, which is also being delivered by registered mail, with details on the time and location.

Additionally, we'd like to request an opportunity to discuss this strategy with you and incorporate any feedback you may have at your earliest convenience. Should you have any questions, or would like to meet in person or virtually, please don't hesitate to contact the City's Project Manager, Yanzhen Ou (oyanzhen@london.ca).

Anushiik,

GEI
Canada

ASHLEY AN, B.A.S.c, LEED Green
Associate (She/Her)
Technical Specialist
416.703.0667...7231 cell: 647.515.8931
3300 Highway No. 7 | Suite
402 | Vaughan, Ontario L4K 4M3 | Canada





REGISTERED
DOMESTIC

CUSTOMER RECEIPT

RECOMMANDÉ
RÉGIME INTÉRIEUR

REÇU DU CLIENT



To
Name Justin Logan
Address
City / Prov. / Postal Code NOP 2K0

Destinataire

Nom

Adresse

Ville / Prov. / Code postal

FOR DELIVERY
CONFIRMATION

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1 888 550-6333

CPC Tracking Number

Numéro de repérage de la SCP

RN 884 726 445 CA

Declared Value
Value déclarée \$

33-086-584 (17-12)

ONH 1 @ \$1.44 \$1.44
LETTERMAIL STD/LET STANDARD

Item Weight/Poids de l'article: 0.011
kg

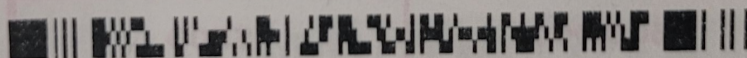
Volumetric Equivalent (VE)/
Équivalent volumétrique (EV): 0.000
Kg

Destination: Canada

Postal code - ZIP Code/Code postal -
ZIP: NOP2K0

After cut-off. Add 1 business day
(excluding holidays) to your
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Heure limite dépassée; ajoutez un
jour ouvrable pour la livraison (à
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RN884726445CA

ONH \$13.15
REG DOMESTIC/COURRIER RECOMMANDE

ONH \$0.00
INSUR. PARC XP P/C/COLIS ASSUR XP P/C

Amount covered/Montant de la
couverture: \$100.00



Date: 2025/05/08

Dear Sir or Madam

Please find below the scanned delivery date and signature of the recipient of the item identified below:

Item Number RN884726445CA

Product Name Lettermail

Reference Number 1 Not Applicable

Reference Number 2 Not Applicable

Delivery Date (yyyy/mm/dd) 2025-04-25

Signatory Name SERENA PETERS

Signature

A handwritten signature in black ink is written over a light blue background that features the Canada Post logo. The logo consists of the words "CANADA" and "POSTES" in white, with "POST" and "CANADA" in white on a red background below it. The signature is a stylized, cursive script that spans across the logo.

Yours sincerely,

Customer Relationship Network

1-888-550-6333.

(From outside Canada 1 416 979-3033)

This copy confirms to the delivery date and signature of the individual who accepted and signed for the item in question. This information has been extracted from the Canadapost data warehouse

Subject: **Notice of Public Information Centre**

Participants:



Chippewas of the Kettle & Stony Point First Nation



GM BluePlan



ME



Created: Just now
.....

Aanii,

The Public Information Centre for the City of London PPCP Update Study will be held on May 7, 2025 between 5-7 pm, in person at 300 Dufferin Ave (2nd floor, Committee Rooms 1&2). Please see attached the Notice of Public Information Centre with additional details.

Additionally, we would also like an opportunity to further discuss the proposed strategy with you and incorporate any feedback you may have at your earliest convenience. Please reach out to us if you would like to set up a meeting, either in-person or virtual.

Miigwech.

”

City of London PPCP Update Study_Notice of PIC_FINAL.pdf

REPLY



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RECOMMANDÉ
RÉGIME INTÉRIEUR

REÇU DU CLIENT



To

Destinataire

Name

Nom

Address

Adresse

City / Prov. / Postal Code

Ville / Prov. / Code postal

Declared Value
Valeur déclarée

\$

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CPC Tracking Number

Numéro de repérage de la SCP

RN 884 726 114 CA

33-086-584 (17-12)

ONH

1 @ \$1.44

\$1.44

LETTERMAIL STD/LET STANDARD

Item Weight/Poids de l'article: 0.010
kg

Volumetric Equivalent (VE)/
Équivalent volumétrique (EV): 0.000

Kg

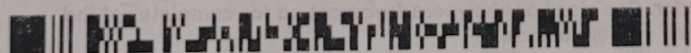
Destination: Canada

Postal code - ZIP Code/Code postal -

ZIP: NON1J1

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RN884726114CA

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\$13.15

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\$0.00

INSUR. PARC XP P/C/COLIS ASSUR XP P/C

Amount covered/Montant de la
couverture: \$100.00



Date: 2025/04/24

Dear Sir or Madam

Please find below the scanned delivery date and signature of the recipient of the item identified below:

Item Number RN884726114CA

Product Name Lettermail

Reference Number 1 Not Applicable

Reference Number 2 Not Applicable

Delivery Date (yyyy/mm/dd) 2025-04-24

Signatory Name TONI GEORGE

Signature

A handwritten signature in black ink, appearing to read "Toni George", is written over a light blue background. The background features the Canada Post logo (a red stylized arrow) and the words "CANADA POSTES" and "POST CANADA" in white. The date "2025-04-24" is printed in black at the bottom right of the signature area.

Yours sincerely,

Customer Relationship Network

1-888-550-6333.

(From outside Canada 1 416 979-3033)

This copy confirms to the delivery date and signature of the individual who accepted and signed for the item in question. This information has been extracted from the Canadapost data warehouse

From: [An, Ashley](#)
To: chief@munsee.ca; consultation@munsee.ca; reception@munsee.ca
Cc: [Jorgensen, James](#); [Ou, Yanzhen](#)
Subject: City of London Pollution Prevention Control Plan Update Study - Notice of PIC
Date: Thursday, April 17, 2025 1:39:00 PM
Attachments: [City of London PPCP Update Study Notice of PIC FINAL.pdf](#)

Koolamalsi,

I would like to follow up on the previous Project Status Update email and letter, sent on March 13, 2025, in relation to the City of London Pollution Prevention Control Plan (PPCP) Update Study.

As mentioned, the City is planning a Public Information Centre (PIC) scheduled for May 7, 2025, to present the public with the evaluation and selection of our proposed strategy for the PPCP Update Study. Please see attached the Notice of PIC, which is also being delivered by registered mail, with details on the time and location.

Additionally, we'd like to request an opportunity to discuss this strategy with you and incorporate any feedback you may have at your earliest convenience. Should you have any questions, or would like to meet in person or virtually, please don't hesitate to contact the City's Project Manager, Yanzhen Ou (oyanzhen@london.ca).

Anushiik,

GEI
Canada

ASHLEY AN, B.A.S.c, LEED Green
Associate (She/Her)
Technical Specialist
416.703.0667...7231 cell: 647.515.8931
3300 Highway No. 7 | Suite
402 | Vaughan, Ontario L4K 4M3 | Canada





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Destinataire

Name

Roger

Nom

Thomas

Address

Adresse

City / Prov. / Postal Code

NOL

Ville / Prov. / Code postal

1Y0

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Declared Value
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CPC Tracking Number

Numéro de repérage de la SCP

RN 884 726 145 CA

33-086-584 (17-12)

ONH

1 @ \$1.44

\$1.44

LETTERMAIL STD/LET STANDARD

Item Weight/Poids de l'article: 0.010
kg

Volumetric Equivalent (VE)/

Équivalent volumétrique (EV): 0.000

Kg

Destination: Canada

Postal code - ZIP Code/Code postal -

ZIP: NOL1Y0

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(excluding holidays) to your
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l'exception des jours fériés).



RN884726145CA

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\$13.15

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ONH

\$0.00

INSUR. PARC XP P/C/COLIS ASSUR XP P/C

Amount covered/Montant de la
couverture: \$100.00



Date: 2025/04/24

Dear Sir or Madam

Please find below the scanned delivery date and signature of the recipient of the item identified below:

Item Number RN884726145CA

Product Name Lettermail

Reference Number 1 Not Applicable

Reference Number 2 Not Applicable

Delivery Date (yyyy/mm/dd) 2025-04-24

Signatory Name

A name and signature have been captured for the item, but the signatory has requested that they not be displayed on our website. If you need a copy of the name and signature, please call us at 1-888-550-6333. A fee may apply.

Signature

Yours sincerely,

Customer Relationship Network

1-888-550-6333.

(From outside Canada 1 416 979-3033)

This copy confirms to the delivery date and signature of the individual who accepted and signed for the item in question. This information has been extracted from the Canadapost data warehouse

From: [An, Ashley](#)
To: todd.cornelius@oneida.on.ca; tiffany.qurbani@oneida.on.ca; cao@oneida.on.ca; environment@oneida.on.ca
Cc: [Jorgensen, James](#); [Ou, Yanzhen](#); [Alikakos, Mary](#)
Subject: RE: City of London Pollution Prevention Control Plan Update Study - Notice of PIC
Date: Wednesday, April 23, 2025 12:26:00 PM
Attachments: [City of London PPCP Update Study Notice of PIC FINAL.pdf](#)
[PPCP Study Status Update Oneida Nation of the Thames.pdf](#)
[722063 London PPCP Project Information Sheet.pdf](#)
[722063 London PPCP NOC Final V2 AODA.pdf](#)

Sheko:li,

I hope you are doing well. I am resending the attached Notice of PIC and the Project Status Update letter for your information in case these were not received.

Should you be interested, the Project Team would like an opportunity to meet, either in person or virtually, to further discuss the proposed strategy for the PPCP Update Study.

Yaw^ko,

GEI
Canada

ASHLEY AN, B.A.S.c, LEED Green Associate (She/Her)
Technical Specialist
416.703.0667...7231 cell: 647.515.8931
3300 Highway No. 7 | Suite 402 | Vaughan, Ontario
L4K 4M3 | Canada



From: An, Ashley

Sent: Thursday, April 17, 2025 1:40 PM

To: todd.cornelius@oneida.on.ca; tiffany.qurbani@oneida.on.ca; cao@oneida.on.ca; environment@oneida.on.ca

Cc: Jorgensen, James ; Ou, Yanzhen

Subject: City of London Pollution Prevention Control Plan Update Study - Notice of PIC

Sheko:li,

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Yaw^ko,

GEI

ASHLEY AN, B.A.S.c, LEED Green Associate (She/Her)
Technical Specialist
416.703.0667...7231 cell: 647.515.8931
3300 Highway No. 7 | Suite 402 | Vaughan, Ontario



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CUSTOMER RECEIPT

RECOMMANDÉ
RÉGIME INTÉRIEUR

REÇU DU CLIENT



To Destinataire
Name Nom
Todd Cornelius
Address Adresse
City / Prov. / Postal Code Ville / Prov. / Code postal
NOL 2G0

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1 888 550-6333

CPC Tracking Number

Numéro de repérage de la SCP

RN 884 726 131 CA

Declared Value
Valeur déclarée \$

33-086-584 (17-12)

ONH 1 @ \$1.44 \$1.44
LETTERMAIL STD/LET STANDARD

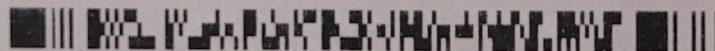
Item Weight/Poids de l'article: 0.010
kg

Volumetric Equivalent (VE)/
Équivalent volumétrique (EV): 0.000
Kg

Destination: Canada
Postal code - ZIP Code/Code postal -
ZIP: NOL2G0

After cut-off. Add 1 business day
(excluding holidays) to your
delivery./

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REG DOMESTIC/COURRIER RECOMMANDE

ONH \$0.00
INSUR. PARC XP P/C/COLIS ASSUR XP P/C

Amount covered/Montant de la
couverture: \$100.00



Date: 2025/04/24

Dear Sir or Madam

Please find below the scanned delivery date and signature of the recipient of the item identified below:

Item Number RN884726131CA

Product Name Lettermail

Reference Number 1 Not Applicable

Reference Number 2 Not Applicable

Delivery Date (yyyy/mm/dd) 2025-04-24

Signatory Name JJ LL

Signature



Yours sincerely,

Customer Relationship Network

1-888-550-6333.

(From outside Canada 1 416 979-3033)

This copy confirms to the delivery date and signature of the individual who accepted and signed for the item in question. This information has been extracted from the Canadapost data warehouse

From: Jenelle Cornelius <environment@oneida.on.ca>

Sent: Wednesday, June 18, 2025 11:47 AM

To: Alikakos, Mary <malikako@london.ca>

Cc: Councillor Brandon Doxtator <councillor.brandon@oneida.on.ca>; Councillor Rosalind Antone <councillor.rosalind@oneida.on.ca>

Subject: [EXTERNAL] RE: PPCP

Shekoli Mary,

I hope things are going well with you 😊

Sorry I was out of office yesterday at the Bill C-5 Rally in Ottawa.

Would you have time to come out and meet with us next week? My schedule is pretty open next week Tues-Friday.

Yaw^ko/Thank you



Jenelle Cornelius
Environmental Consultation Coordinator
Oneida Nation of the Thames
Political Office - 2210 Elm Ave. Southwold, Ontario
N0L-2G0
environment@oneida.on.ca
T: 519-652-6161 x813 | Cell: 226-234-0577

Disclaimer: *The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.*

“Look Deep Into Nature ,And Then You Will Understand Everything Better”
Albert Einstein

From: Alikakos, Mary <malikako@london.ca>

Sent: June 18, 2025 9:22 AM

To: Councillor Rosalind Antone <councillor.rosalind@oneida.on.ca>

Cc: Councillor Brandon Doxtator <councillor.brandon@oneida.on.ca>; Jenelle Cornelius

<environment@oneida.on.ca>

Subject: FW: PPCP

CAUTION: This email originated from outside of the Oneida Nation Of The Thames Organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Shekoli Rosalind,

Please see the following email. Brandon had asked that I also include you in the email however, I had already sent it!

Yaw^



Mary Alikakos (wiin)



Senior Coordinator, Environmental Assessment

Sewer Engineering Division

Environment & Infrastructure

300 Dufferin Ave. P.O. Box 5035

P: 519.661.CITY(2489) x 1846 | Cell: 226.268.9573 | Fax: 519.661.2355

malikakos@london.ca | www.london.ca

Anishinaabekwe from Mnidoo Mnising (Manitoulin Island), respecting all of creation, grateful to be working and living on the traditional territory of the Anishinaabeg, Haudenosaunee and Wendat, and honouring the communities of the Chippewas of the Thames First Nation, the Oneida Nation of the Thames and the Munsee-Delaware Nation.

From: Alikakos, Mary

Sent: Tuesday, June 17, 2025 2:48 PM

To: Brandon Doxtator <environment@oneida.on.ca>

Cc: councillor.brandon@oneida.on.ca

Subject: PPCP

Shekoli Jenelle,

We're in COTTFN today to chat about the PPCP. Any chance we can get to Oneida, too?

Yaw^

Mary

Mary Alikakos, (wiin)

Senior Coordinator, Environmental Assessment

Sewer Engineering Division

Environment & Infrastructure

[300 Dufferin Ave.](#) P.O. Box 5035

P: 519.661.CITY(2489) x 1846 | Cell: 226.268.9573 |

malikakos@london.ca | www.london.ca

Anishinaabekwe from Mnidoo Mnising (Manitoulin Island), respecting all of creation, grateful to be working and living on the traditional territory of the Anishinaabeg, Haudenosaunee and Wendat, and honouring the communities of the Chippewas of the Thames First Nation, the Oneida Nation of the Thames and the Munsee-Delaware Nation.

From: [An, Ashley](#)
To: [Councillor Brandon Doxtator](#); [Jenelle Cornelius](#); [Councillor Rosalind Antone](#)
Cc: [Alikakos, Mary](#); [Ou, Yanzhen](#); [Chambers, Kyle](#); [LeBlanc, Josh](#); [Jorgensen, James](#); [Brickman, Jonathan](#)
Subject: London PPCP Update Study - Minutes from Meeting Held on July 3rd, 2025
Date: Monday, September 15, 2025 11:59:00 AM
Attachments: [2402185 London PPCP Oneida FN Meeting_07032025.pdf](#)
[20250703 - 722063 London PPCP - Oneida FN Meeting Minutes.docx](#)

Sheko:li,

My apologies for the delay in sending out the draft minutes from the meeting held on July 3rd, 2025 to discuss the project status update for the London PPCP.

Please see attached the meeting minutes, as well as the presentation slides, and let me know if there should be any changes to the minutes.

If you have any additional questions or comments for the Project Team, please don't hesitate to let me know.

Yaw^ko,
Ashley

GEI
Canada

ASHLEY AN, B.A.S.c, LEED Green
Associate (She/Her)
Technical Specialist
416.703.0667...7231 cell: 647.515.8931
3300 Highway No. 7 | Suite
402 | Vaughan, Ontario L4K 4M3 | Canada


-----Original Appointment-----

From: Alikakos, Mary <malikako@london.ca>

Sent: Wednesday, June 25, 2025 2:33 PM

To: Councillor Brandon Doxtator; Jenelle Cornelius; Councillor Rosalind Antone; Ou, Yanzhen; Chambers, Kyle; LeBlanc, Josh; Jorgensen, James; Brickman, Jonathan; An, Ashley

Subject: [EXT] Pollution Prevention Control Plan - Oneida Nation of the Thames

When: Thursday, July 3, 2025 1:30 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: Oneida Policial Office, 2210 Elm Ave, Southwold, ON N0L 0A8

EXTERNAL EMAIL

Shekoli folks,

We look forward to speaking with you next week. We'll bring coffee

Yaw^

Mary

<https://maps.app.goo.gl/LgRruML8E3SqadwE9>

Meeting Minutes

Project: City of London PPCP Update	Project No: 722063			
Meeting: Oneida Nation of the Thames – Project Introduction and Status Update				
Date: Thursday July 3 rd , 2025	Time: 1:30pm			
Location: 2210 Elm Avenue, Southwold				
Attendees: <table><tr><td><u>Oneida</u> Councillor Rosalind Antone (RA) Jenelle Cornelius (JC)</td><td><u>City of London</u> Yanzhen Ou Kyle Chambers Josh LeBlanc Mary Alikakos</td><td><u>GEI Consultants Canada</u> James Jorgensen Ashley An</td></tr></table>		<u>Oneida</u> Councillor Rosalind Antone (RA) Jenelle Cornelius (JC)	<u>City of London</u> Yanzhen Ou Kyle Chambers Josh LeBlanc Mary Alikakos	<u>GEI Consultants Canada</u> James Jorgensen Ashley An
<u>Oneida</u> Councillor Rosalind Antone (RA) Jenelle Cornelius (JC)	<u>City of London</u> Yanzhen Ou Kyle Chambers Josh LeBlanc Mary Alikakos	<u>GEI Consultants Canada</u> James Jorgensen Ashley An		

Meeting Minutes

Please refer to the attached presentation slides.

The purpose of this meeting was to introduce the project, present the evaluation and selection of the preliminary preferred strategy, and request input on the potential impacts to Treaty rights and traditional lands.

The preferred strategy manages wet weather flow and reduces the volume and frequency of overflows to the Thames River. The “Point-of-Sale” disconnection program would involve a new by-law or amendment to an existing by-law requiring qualifying property owners to disconnect their existing weeping tiles, if connected to the sanitary sewer when a property is sold. A Certificate of Compliance must be obtained after successful disconnection and inspection. This improves the water quality of the Thames River by re-routing excess “clean” water to the storm sewer system, which reduces peak flow during extreme rainfall events so that pipe capacity is not exceeded.

Who	Question/ Comment	Response/ Action
RA	What is the round building near Dingman Dr and Wonderland Road?	The Wonderland Wastewater Pumping Station is located on Dingman Drive, just east of Wonderland Road South. It's required to move flows from the south end, against gravity, to the Greenway Wastewater Treatment Plant (WWTP).

Who	Question/ Comment	Response/ Action
RA	Is the new development industrial or residential?	The City of London is unique where there are 5 separate sewershed systems and WWTPs (which all discharge to the Thames River). - The new industrial areas are primarily located on the southeast side of the City, flowing to the Pottersburg WWTP. - The residential development is taking place across the City, and not limited to one area or flowing to a particular WWTP.
RA	Is the weeping tile system owned by the homeowner, and is it mandated that they upgrade and disconnect from the sanitary sewer?	Any newly built homes will have to comply with code, which outlines that weeping tiles are to be connected to a sump pump system. There is currently no mechanism to force the disconnection of weeping tiles from the sanitary system in houses built before the building code and bylaw changes of the 1980s. So there is no automatic trigger for weeping tile disconnection by the homeowner.
RA	Has there been a lot of participation and interest in the voluntary disconnection program, as seen during public meetings?	After a big rainfall event, there is typically more interest from both homeowners regarding resolving basement flooding issues. When it only concerns overflows, it's extremely challenging to get people's attention. It's typically only those residents directly affected by flooding that are interested.
RA	When there is a sewer backup into the basement, is it raw sewage?	There are many different reasons why basements flood, and sewer backup from the sanitary sewer system is one reason. In this case, it is raw sewage mixed with rainwater (which acts as a combined sewer system during a heavy rainfall event).
RA	Are most of the home sales located in the City core area?	Approximately 3,000-4,000 homes are sold per year, located all across the City. Therefore, the point-of-sale disconnection program would be beneficial everywhere in the City, wherever the home is sold.
JC	With the existing voluntary disconnection program, have you seen any benefits to the water quality (reduction in overflows)?	Typically, only 80-100 homes/ year are disconnected through the voluntary program. At a local level, there are some water quality benefits, but there are not enough disconnections to see a reduction at overflow locations.

Who	Question/ Comment	Response/ Action
JC	How is this work connected to urban growth, and potential urban growth boundary expansion?	The point-of-sale weeping tile disconnection program applies to older homes (i.e., those built in the 1980s or earlier) and is not connected to urban growth or potential urban growth boundary expansion. The downstream WWTPs may require earlier expansions to accommodate the additional flows from growth. Questions/comments on the urban growth boundary expansion can be directed to the City's Council as part of their public comment period.
JC	Does the City expect any stress on the existing sanitary system due to urban growth?	As growth occurs, infrastructure upgrades to stay ahead of growth. A growth impact assessment is a separate study (Master Plan level) and will include a cost estimate to service the future growth.
RA	Notes that Oneida would also like to grow, alongside the City. The City needs to consider all of its neighbours and help each other grow. Currently, Oneida does not have many sewers and mainly uses septic tanks. There is also no capacity on the reserve to build infrastructure or a treatment facility. Is there potential to have the sewage from the reserve be diverted and feed into the City's larger system to be treated? Hopes that Oneida can be more involved in the City's growth plans.	Oneida should use their relationships with the City Mayor and Councilors for support to facilitate growth.

Meeting Action Items	
GEI to send presentation slides and meeting minutes to Oneida for review and comment.	GEI
Oneida to provide formal feedback, including a letter in support of the proposed point-of-sale disconnection program. The letter can be coordinated with the Chippewas of the Thames First Nation. Project Team expects to receive comments as soon as available, before the end of September.	Oneida

City of London Pollution Prevention Control Plan (PPCP) Update Study

Oneida Nation of the Thames

Project Introduction and Status Update Meeting

Thursday July 3rd, 2025

Introductions

**Oneida Nation of
the Thames**

Yanzhen Ou
as Project Manager

**City of
London**

James Jorgensen
as Project Manager

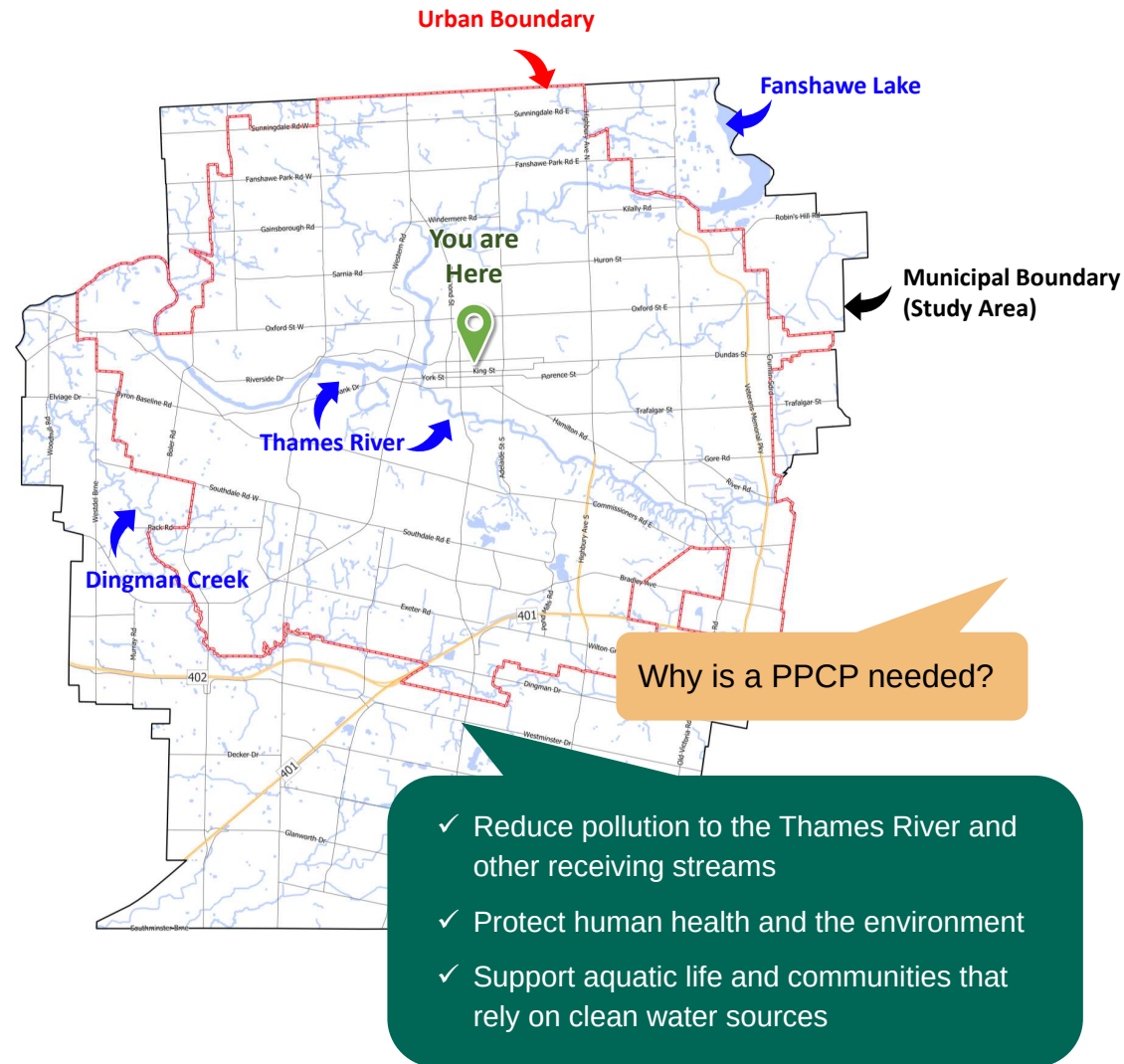
**GEI
Consultants
Canada**
(formerly GM
BluePlan)



What is the Pollution Prevention Control Plan Update Study about?

Study Introduction and Background

- ❖ The **Pollution Prevention Control Plan (PPCP)** update study was initiated as part of the City's ongoing efforts to improve the performance and resiliency of the sanitary system, as well as improve the quality of the City's existing waterways.
- ❖ Objective of the Study is to develop an implementation plan for a long-term solution that will limit the volume and frequency of **Combined Sewer Overflows (CSOs)** and **Sanitary Sewer Overflows (SSOs)** into local tributaries.
- ❖ The implementation plan will follow the principles as set out by the **Ministry of Environment, Conservation, and Parks (MECP) Procedure F-5-5**.



Importance of the Thames River

- The Upper Thames River watershed is within the traditional territory of the Attawandaron, Anishinaabeg, Haudenosaunee, and Lunaapeewak peoples.
- Chippewas of the Thames First Nation, Oneida Nation of the Thames, Munsee Delaware Nation and Delaware Nation at Moraviantown continue to maintain a strong Indigenous presence along the river.

The Project Team recognizes the Nation's commitment to protect the watershed as part of their consultation territory and requests the respectful use of their traditional lands and waters.

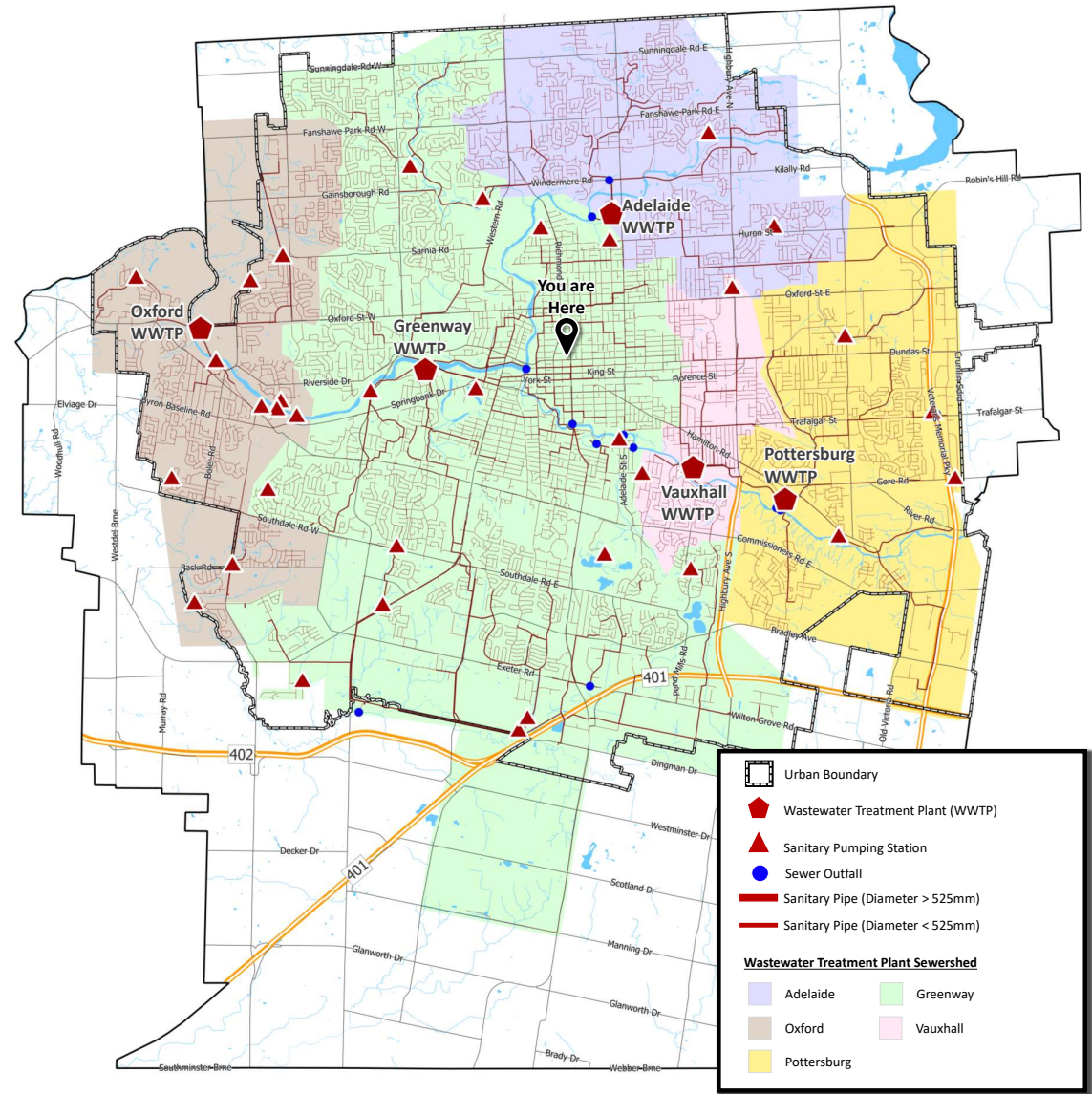


What are the challenges of the system?

Existing System Constraints

The City owns and operates all its sewer system infrastructure.

- ❖ 128 sanitary sewer overflows
- ❖ 1,450 km of sanitary sewers
 - 11.5 km are combined sewers
- ❖ 35 sanitary pumping stations (SPS)
 - 29 SPSs discharge directly to receiving streams or indirectly through storm sewers during extreme rainfall events
- ❖ 5 wastewater treatment plants (WWTP)

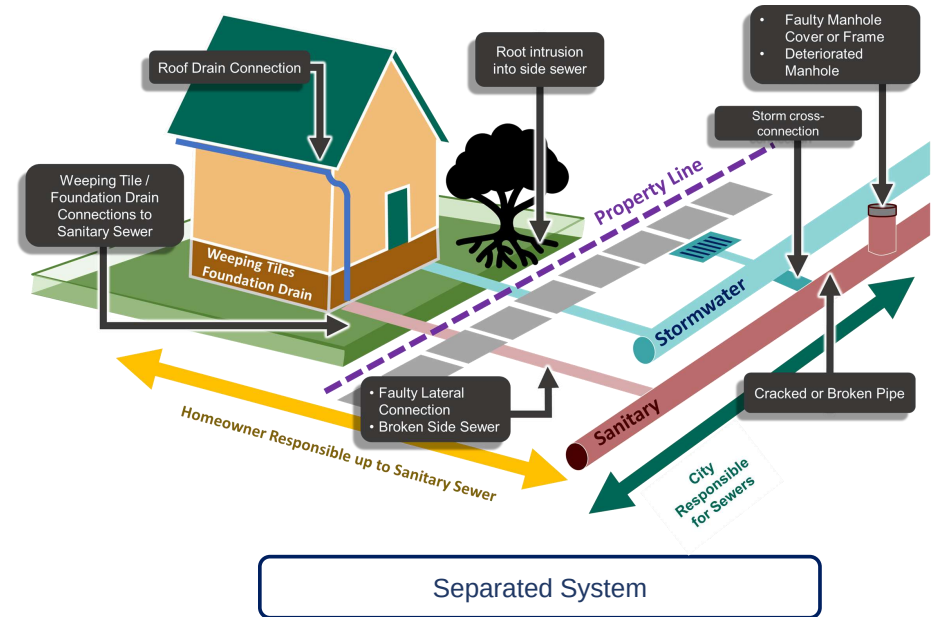
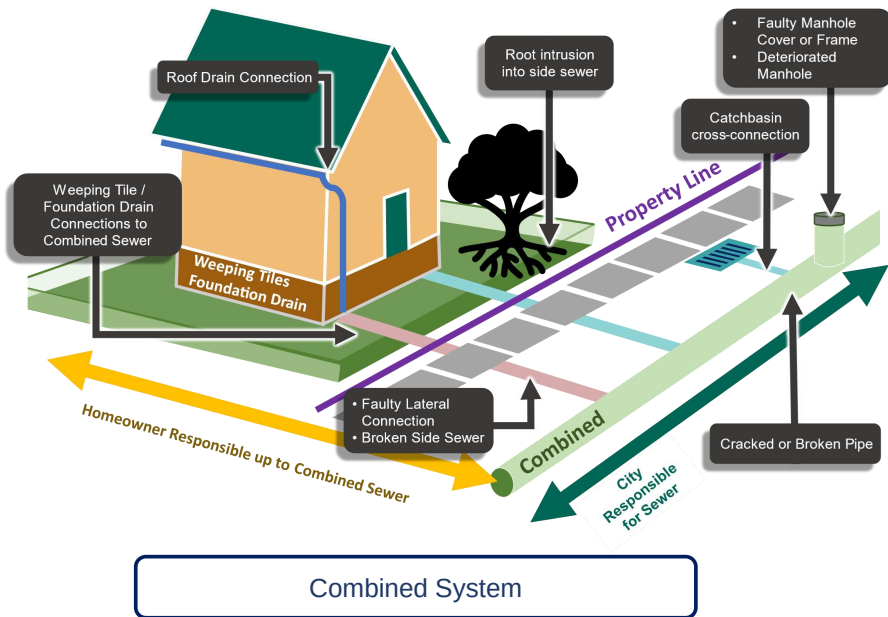


Where are wet weather flows coming from?

Inflow and Infiltration

Inflow and Infiltration (I&I) refers to groundwater and stormwater that enters the sanitary sewer system and causes problems including risk of basement flooding, CSOs and SSOs into the environment, reduced system capacities, reduced treatment plant efficiencies, and increased costs to residents.

Sources of Wet Weather Flow



How are flows treated?

MECP Procedure F-5-5

- ❖ CSOs and SSOs release untreated sewage and stormwater to the environment when the system is overwhelmed – typically during an extreme rainfall event.
- ❖ The **Procedure F-5-5** defines the rules for treating sewage and reducing CSOs and SSOs to achieve provincial water quality objectives.

The PPCP update study will recommend a long-term implementation plan that aims to limit the volume and frequency of overflows to meet F-5-5 requirements.

Final Deliverable



Procedure F-5-5

- ✓ Treat 100% of Daily Sewage from Residents
- ✓ Maintain or Improve the Existing Level of Treated Sewage
- ✓ Develop a Pollution Prevention Control Plan to Identify Pollution Sources and Causes
- Treat 90% of Wet Weather Flows from April to October



Propose Alternatives, Solutions and Recommend an Implementation Plan

What has been done so far?

Previous Pollution Prevention Control Plan Strategy

Phase 1 PPCP 2014: 149 SSOs were identified.

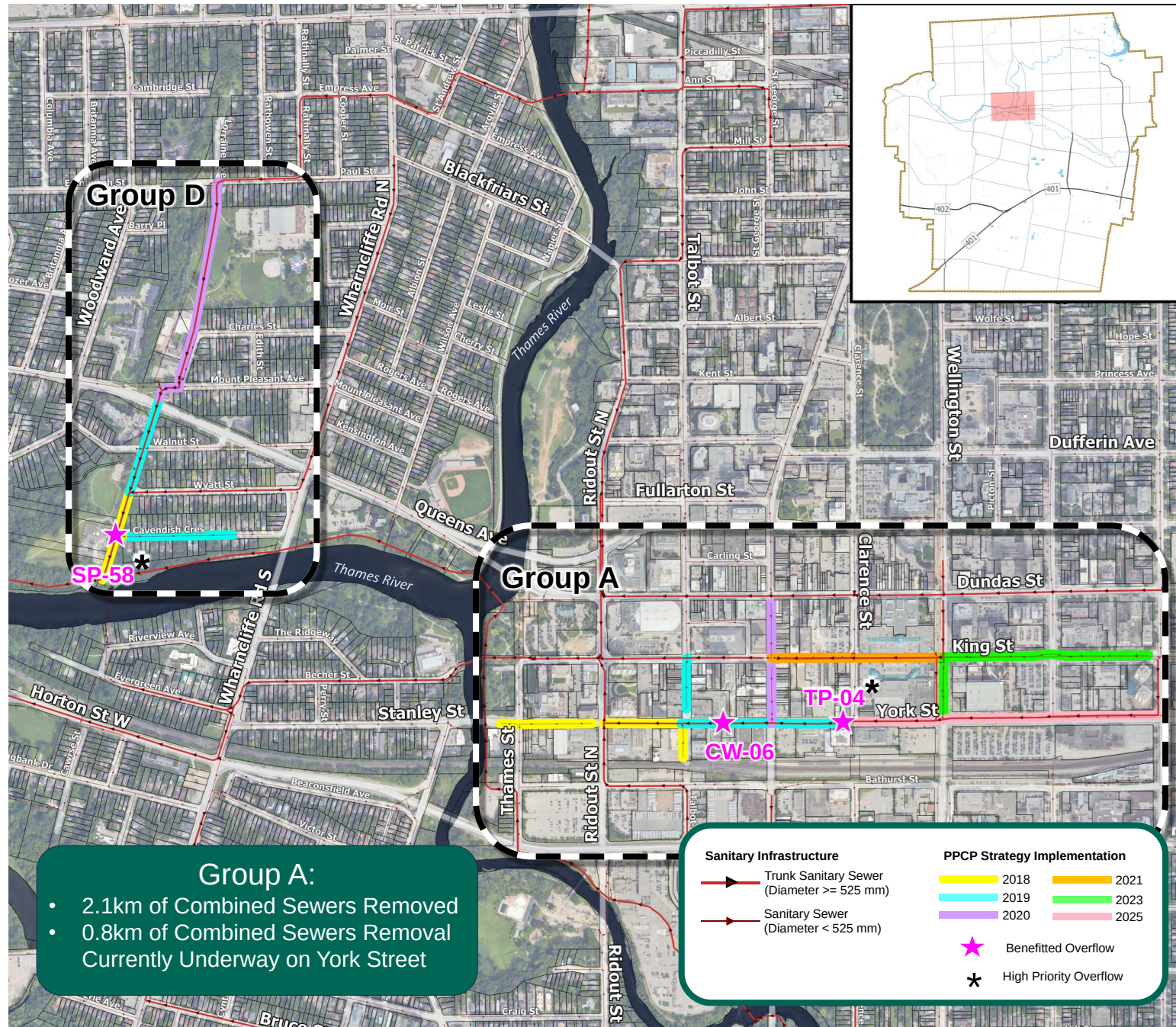
Phase 2 PPCP 2018: 11 SSOs were determined as high priority.

Phase 3 PPCP 2018: 10 SSOs were removed, with 139 SSOs remaining.

Short and medium-term strategies recommended as part of the implementation plan.

- ❖ **Group A:** Sewer Separation (In-Progress)
- ❖ **Group B, H, & I:** Weeping Tile Disconnection (In-Progress)
- ❖ **Group C & E:** I&I Reduction Feasibility Studies (In-Progress)
- ❖ **Group D:** Cavendish Trunk Upsizing (Completed)
- ❖ **Group F:** Pipe Realignment (Not yet initiated)

These recommendations when implemented, aim to reduce the wet weather flow to the City's high priority SSOs and prevents overwhelming of the sanitary system during extreme rainfall events.



What has the current study found?

Overflow Assessment Update

PPCP 2025 Update:

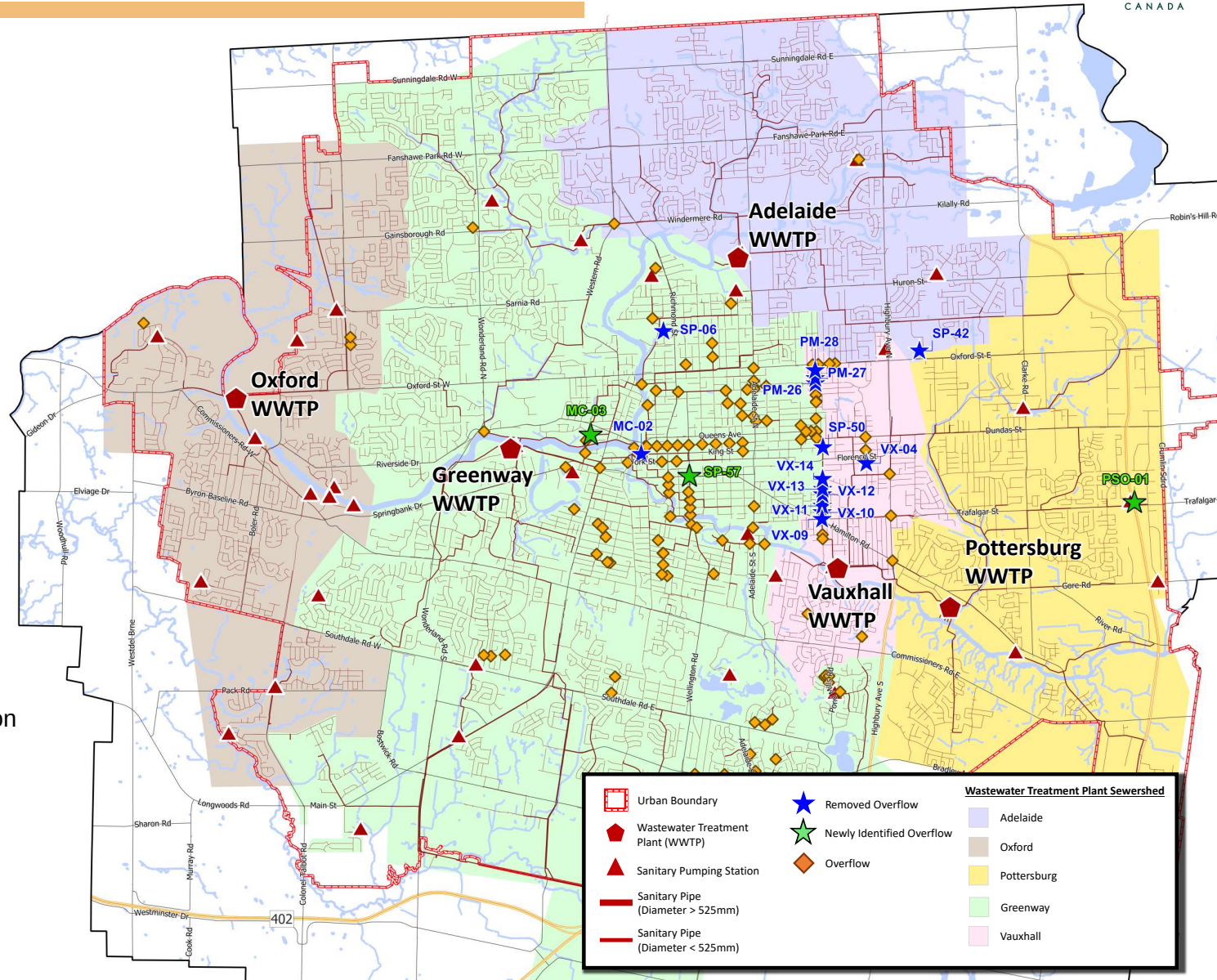
- ❖ 128 SSOs were identified.

Since 2018, 3 SSOs were newly identified and 14 SSOs were entirely removed through sewer system improvements!

Many more overflows have been greatly reduced.

However, the City was challenged with the implementation of the targeted weeping tile disconnections due to limited participation:

- ❖ Benefits of disconnection were not conveyed effectively to homeowners.
- ❖ Coordination with homeowners to work on their private property and inside homes was difficult.



What has the current study found?

Removed Overflows Since 2018 PPCP

System Overflow	Year Removed	Location (or nearest intersection)	Reason for Removal
VX-10	2019	Egerton St. and Ormsby St.	Egerton Sewer system was redesigned, and overflows deemed no longer necessary.
VX-11	2019	Egerton St. and Hackett St.	
VX-12	2019	Egerton St. and Grafton St.	
VX-13	2019	Egerton St. and Pine St.	
VX-14	2019	Egerton St. and Brydges St.	
SP-42	2020	Roehampton Ave.	Inactive overflow removed during reconstruction of Roehampton Avenue.
MC-02	2020	King St. between Thames St. & Ridout St.	Removed to minimize stormwater entering the sanitary sewer system.
SP-06	2018	Cheapside St. and St. George St	Removed as part of infrastructure renewal project.
SP-50	2018	Egerton St. and King St.	Egerton Sewer system was redesigned, and overflow deemed no longer necessary.
VX-04	2016	Ashland Ave. and Frances St.	Removed as sanitary sewers on Ashland Avenue were reconfigured.
VX-09	2021	Egerton St. and Trafalgar St.	Egerton Sewer system was redesigned, overflows deemed no longer necessary.
PM-26	2023	Quebec St. and Mornington Ave.	Removed as Quebec Street was reconstructed from Oxford Street East to the CP rail yard.
PM-27	2023	Quebec St. north of Mornington Ave.	
PM-28	2023	Quebec St. north of Mornington Ave.	

What has the current study found?

High Priority Overflows

PPCP 2025 Update:

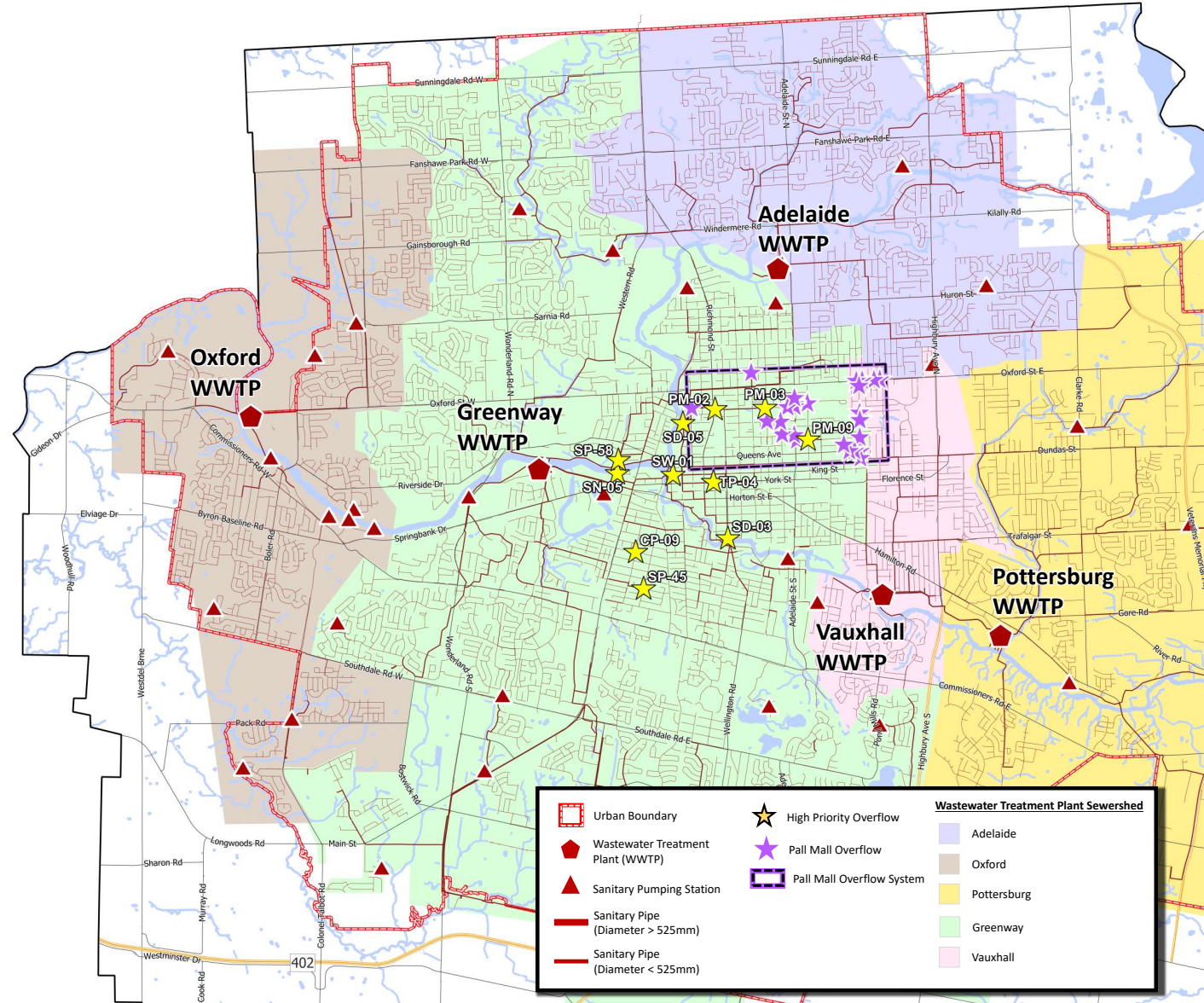
- ❖ 12 SSOs were determined as high priority.

Since 2018, overflow volume across the City has greatly decreased as a result of successful combined sewer separation projects.

A high priority overflow site is determined based on a combination of assessment criteria:

1. It does not treat **90% of Wet Weather Flows** from April to October.
2. The **water quality** downstream is already polluted or starting to degrade.
3. Annual discharge surpasses **1,000 m³** determined from hydraulic model results.

Note that the **Pall Mall Overflow System** will be treated as one additional high priority overflow since all overflow sites in this area discharge to a common relief sewer.



How can we address overflows?

Mitigation Strategies



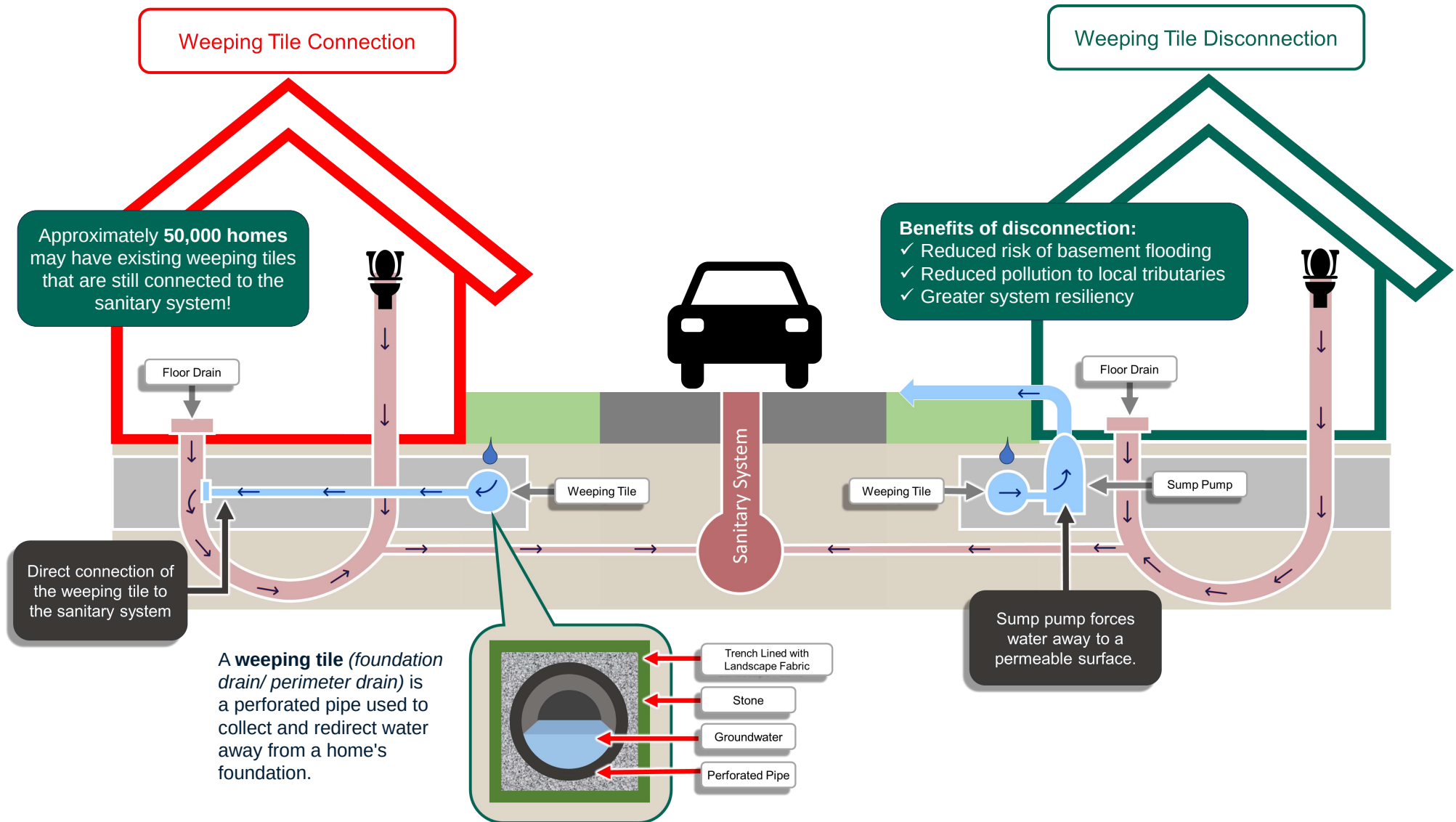
Selected Mitigation Strategy



Mitigation Strategies	New Storage Tanks	Reconfigure Overflow Weirs	Weeping Tile Disconnection	Pipe Upsizing	Pumping Station Upsizing
Description	Temporarily hold excess overflows which are then slowly emptied into the sewer system and treated once capacity is available.	Designed to allow spills during extreme rainfall events to prevent system backups.	Disconnection weeping tiles from the sanitary system, and installation of a sump pit and pump.	Increased sewer capacity with larger diameter sewers to handle higher volumes.	Install larger or additional pumps so more sewage can be moved through system towards the treatment plants.
Benefits	Reduce frequency and volume of CSOs and SSOs during extreme rainfall events	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Better flow control to retain more volume in the system - Low cost - Localized solution	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Reduce overall stormwater volume entering system - Lower basement flooding risks - Prepare City for future potential provincial compliance changes	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Provide capacity for additional growth - Better suited to carry combined flow of sewage and stormwater	- Reduce frequency and volume of CSOs and SSOs during extreme rainfall events - Prevent system backup - Additional storage available to temporarily hold excess overflow
Drawbacks	- Odour - Location availability - Storage limits - Variable costs	- Increase downstream spillage risks - Increase upstream flooding risks - Limited ability to implement in existing system	Requires property owner participation	- Higher costs with larger upgrades - Designed capacity limits	- Highest cost - Does not eliminate overflow risk downstream - Significant maintenance required

How do we disconnect weeping tiles?

Weeping Tile Disconnection and Sump Pit and Pump



How can we apply the weeping tile disconnection strategy?

Types of Weeping Tile Disconnection Programs



Voluntary Disconnection Program

- ❖ Homeowners voluntarily disconnect weeping tiles from the sanitary system.
- ❖ Eligible homeowners may be assisted financially through a partial or full rebate/subsidy.



Point-of-Sale Mandatory Disconnection Program

- ❖ Discharge of stormwater from property into sanitary system is prohibited, and all eligible property types must disconnect weeping tiles and install a sump pit and pump prior to land title transfer.
- ❖ Enforced for compliance.



Incentivized Program

- ❖ City encourages disconnection of weeping tiles through additional incentives shown as a credit benefit on the homeowner's recurring wastewater bill.
- ❖ Not enforced for compliance.



Disincentivized Program

- ❖ City encourages disconnection of weeping tiles through enforcement shown as a punitive charge on the homeowner's recurring wastewater bill.
- ❖ These charges offset increased system operation and maintenance costs from connected weeping tile flows.

How do we select the weeping tile disconnection program?

Evaluation Criteria

The following evaluation criterion were used to select the preferred weeping tile disconnection program.



Flexibility of Choice

Does the program empower homeowners?



Participation Rate

Does the program reach minimum homeowner participation?



Financial Implications

Is the program financially feasible?



Customer Impact

How will the program impact homeowners?



Efficacy of Reducing Overflows

How efficiently will the program reduce the volume and frequency of overflows within the City?



System Improvement Potential

How efficiently, in the short-term and long-term, will this program address existing system capacity constraints?



Implementation Flexibility

What is the scalability and practicality of the program from the City's operational perspective?



City Workload Management

What and how many City resources will be required to apply the program?



Program Time Scale

Will the program reduce overflow volume and frequency in a reasonable time scale?

Which weeping tile disconnection program is most preferred?

Evaluation Results



Selected Weeping Tile Disconnection Program

Evaluation Criterion	Voluntary	Point-of-Sale Mandatory	Incentivized	Disincented
Flexibility of Choice	Most Favourable Homeowners can decide not to participate with no legal or financial repercussions.	Less Favourable By-law requirement, legal repercussions if not in compliance.	Most Favourable Credit benefit/ additional funding offered for homeowners who decide to participate.	Neutral Punitive charge incentive applied for homeowners who decide not to participate
Participation Rate	Less Favourable Low participation expected without additional funding, depends on public education for homeowners to act.	Most Favourable Highest participation expected as it is a requirement for all eligible homeowners across the City.	Neutral Higher participation expected than voluntary due to additional funding, relies on public education for homeowners to act.	More Favourable Higher participation expected than voluntary and incentivized, relies on public education for homeowners to act.
Financial Implications	Most Favourable Most financially feasible for homeowners, covering up to 90% of capital costs.	Less Favourable Some rebate/ subsidy opportunities may be available to support homeowners but will be less than voluntary.	Most Favourable Most financially feasible for homeowners as credit benefit/ additional funding is available to cover capital costs and future costs.	Less Favourable Some rebate/ subsidy opportunities may be available to support homeowners but will be less than voluntary.
Customer Impact	Most Favourable Will satisfy and benefit existing flood-impacted homeowners while not disrupting others.	Least Favourable Impacted homeowners affected due to potential property closing delays and may disproportionately disrupt certain demographics, leading to increased risk for legal challenges.	Neutral Level of disruption and impact dependent on homeowners' choice to disconnect.	Less Favourable Level of disruption and impact dependent on homeowners' choice to disconnect, may disproportionately affect certain demographics.
Efficacy of Reducing Overflows	Less Favourable Variable decrease in basement flooding risk and minimal overflow reduction anticipated, dependent on homeowner participation in same area/ sewershed	Most Favourable Decreased risk of basement flooding for homeowners in same area with limited number of overflows anticipated across the City.	Less Favourable Variable decrease in basement flooding risk and variable overflow reduction anticipated, however more homeowners expected to participate in same area/ sewershed compared to voluntary	Neutral Variable decrease in basement flooding risk and variable overflow reduction anticipated, however more homeowners expected to participate in same area/ sewershed compared to voluntary and incentivized.
System Improvement Potential	Less Favourable Minimal system improvements anticipated, no meaningful beneficial change from existing at current participation rate	Most Favourable Large system improvements and resiliency anticipated, including long-term WWTF and PS cost savings.	Neutral Some system improvements compared to existing due to higher participation rate.	More Favourable More system improvements compared to existing and incentivized due to higher participation rate
Implementation Flexibility	More Favourable More flexibility in scheduling inspections for seasons where weather conditions are favorable.	Less Favourable Less flexibility in scheduling inspections, based on timing of home sale.	Neutral Building Division required to inspect work when homeowner calls.	Neutral Building Division required to inspect work when homeowner calls.
City Workload Management	Most Favourable No additional implementation necessary, no strain anticipated on existing workloads.	Less Favourable High complexity expected requiring significant administration and City resources once by-law is approved and operational.	More Favourable Some complexity expected, requiring additional funding approval for incentives.	More Favourable Some complexity expected, requiring additional coordination with City wastewater operations team for wastewater billing when applying punitive charges.
Program Timescale	Least Favourable No enforcement available as it is homeowner-initiated program length may be indefinite without additional measures.	Most Favourable Strict and streamlined enforcement for homeowner compliance across the City will help to minimize program length.	Neutral No enforcement available as it is the homeowner's choice to disconnect, program length anticipated to be shorter than voluntary.	More Favourable Enforcement in the form of punitive charge for non-disconnection will help to minimize program length.
Overall Rating	Least Preferred Disconnection Approach	Most Preferred Disconnection Approach	Second Least Preferred Disconnection Approach	Second Most Preferred Disconnection Approach

How could this program be implemented?

“Point-of-Sale” Mandatory Disconnection Program

- ❖ **Point-of-Sale Disconnection Program:** a mandatory requirement for all single-family homes to disconnect their weeping tiles if they have an existing connection to the municipal sanitary system at the time the property is sold.
- ❖ Disconnected homes would receive a **Point-of-Sale Certificate of Compliance**, similar to when you sell your car and need to obtain a Vehicle Safety Standards Certificate.
- ❖ Every disconnected weeping tile through this program will reduce the amount of flow in the sanitary sewer system.



Increased number of properties with disconnected weeping tiles



- Decreased sewage overflows to the Thames River and receiving waters
- Decreased wastewater treatment costs

This is a long-term strategy which will be a total net benefit for the entire sanitary system, reducing the City’s volume and frequency overflow discharges beyond the F-5-5 90% compliance, and greatly reduces basement flooding risk.

Point-of-Sale Certificate of Compliance



Inspection Requirement

Inflow and Infiltration inspection conducted by City staff on all single-family homes prior to selling property.

PASS | FAIL

Is Weeping Tile Connected to Sanitary System?

Certificate of Compliance provided by the City.

Weeping tile disconnection performed by licensed plumber.*

Re-Inspection

* A Building Permit will be required for any changes to the plumbing system.

Transfer of Ownership

Title ownership can only be transferred once a Certificate of Compliance in obtained for the property.

Validation Period

Certificate of Compliance remains with the property, and no additional inspection required for future title transfers unless there are major changes to the home’s plumbing system.**

** Sell value of home may potentially be increased as home is trusted to have reduced basement flooding risk.

How will this program be implemented?

“Point-of-Sale” Benefits & Challenges

Benefits of the Program

- ✓ Reduced Volume and Frequency of Overflows
- ✓ Reduced Volume and Frequency of Flow Bypasses at the Wastewater Treatment Plants
- ✓ Reduced Risk of Basement Flooding
- ✓ Increased System Resiliency for Climate Change
- ✓ Reduced Pollution into Local Tributaries
- ✓ Minimized Potential for Impacts on Human Health and Aquatic Life

Note that the remaining 2018 recommended strategies for **Groups A, C, E, and F** are carried through in the updated Implementation Plan for the short-term.

Together with the efforts from the Point-of-Sale Disconnection Program, the City aims to have all high priority overflow sites reduced or eliminated in the long-term.

This is still a working program and will require Council buy-in and approval before implementation.

Challenges of the Program



➤ Resource Planning

- ❖ Coordination between major primary interest-holder groups
- ❖ Coordination with the existing **Basement Flooding Grant Program**
- ❖ Hiring additional City Inspection and Administration staff



➤ Administration Considerations

- ❖ Funding and Resource Costs
- ❖ Enforcement for Compliance Measures
- ❖ Exemptions and Special Cases

2018 PPCP Recommendations Carried Forward Short-Term Implementation Plan

The PPCP focuses on high priority overflows to recommend necessary system improvements to achieve the greatest potential for overflow reduction in the system.

Priority Group	Recommended Projects/ Studies from the 2018 PPCP Implementation Plan	Downstream High Priority Overflow Locations Benefitted	Planned Timing
Group A	Sewer separation in the City Centre along Wellington Street, York Street, Talbot Street, Richmond Street, King Street.	SW-01	Will be completed in 2025
	Sewer separation in the City Centre along Clarence Street.	SW-01	Will be completed in 2027
Group A and Group C	- Study to determine the feasibility of reducing the I&I by 50% in the PM-02, PM-03 and PM-09 catchment areas (Option 1). - Study to determine the feasibility of removing storm flows from the Pall Mall Storm and Relief sewer to utilize the sewer as in-line storage for the Pall Mall Trunk SSOs (Option 2).	SW-01 PM-02 PM-09 SD-05 PM-03	Addressed though 2025 PPCP Recommendations (Point-of-Sale Disconnection)
Group E	Study to determine the feasibility of removing I&I from the identified sources.	CP-09	Addressed though 2025 PPCP Recommendations (Point-of-Sale Disconnection)
Group F	Realignment of the Horton/ Wharncliffe Sewer.	SN-05	Construction TBD

Next Steps

Study Timeline

August 2025: Finalize Implementation Plan

September 2025: Completion of PPCP Update Study

October 2025: Present Implementation Plan to City Council



Additional project information can be found on the project website, which can be accessed by scanning the QR Code with your smartphone.

Contact the Project Team



Yanzhen Ou, M.Eng, P.Eng
Environmental Services Engineer
Sewer Engineering
City of London
(519) 661-2489 ext. 4015
oyanzhen@london.ca

James Jorgensen, C.WEM, C.Env, MIAM
Vice President, Infrastructure Planning
GEI Consultants Canada
(416) 703-0667 ext. 7209
jjorgensen@geiconsultants.com

For More Information On.. Existing City Programs and Initiatives

Communication and Public Education

- ❖ Basement flooding awareness campaigns.
- ❖ Website dedicated to information regarding basement flooding causes, prevention and City contact.



Scan the QR Code to visit the City's website on Basement Flooding.

Basement Flooding Grant Program

- ❖ A voluntary financial assistance program for qualifying residential properties that have experienced basement flooding due to City sewer backups.



Scan the QR Code to visit the City's website on the *Basement Flooding Grant Program*.

Pilot Projects

The City has completed weeping tile disconnection pilot projects for specific neighborhoods throughout the City.

Impacted neighborhoods were found to have:

- ❖ Significant basement flooding issues
- ❖ Weeping tile connection to the sanitary sewer
- ❖ Downspout discharge location at or near a building's foundation wall

From: [An, Ashley](#)
To: lutahawit@execulink.com
Cc: [Jorgensen, James](#); [Ou, Yanzhen](#)
Subject: City of London Pollution Prevention Control Plan Update Study - Notice of PIC
Date: Thursday, April 17, 2025 1:40:00 PM
Attachments: [City of London PPCP Update Study Notice of PIC FINAL.pdf](#)

Sheko:li,

I would like to follow up on the previous Project Status Update email and letter, sent on March 13, 2025, in relation to the City of London Pollution Prevention Control Plan (PPCP) Update Study.

As mentioned, the City is planning a Public Information Centre (PIC) scheduled for May 7, 2025, to present the public with the evaluation and selection of our proposed strategy for the PPCP Update Study. Please see attached the Notice of PIC, which is also being delivered by registered mail, with details on the time and location.

Additionally, we'd like to request an opportunity to discuss this strategy with you and incorporate any feedback you may have at your earliest convenience. Should you have any questions, or would like to meet in person or virtually, please don't hesitate to contact the City's Project Manager, Yanzhen Ou (oyanzhen@london.ca).

Yaw^ko,

GEI
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NOTICE OF STUDY COMMENCEMENT

THE CITY OF LONDON

POLLUTION PREVENTION CONTROL PLAN (PPCP) UPDATE STUDY



WHAT IS THIS STUDY ABOUT?

The City of London, together with GM BluePlan Engineering, is starting a project that will help us to develop an updated Pollution Prevention Control Plan (PPCP).

The project will:

- Identify an effective management strategy to limit the volume and frequency of untreated wastewater discharges into the Thames River and receiving streams,
- Review the 2018 PPCP Implementation Plan to identify areas of improvement and address future needs,
- Incorporate a cost-benefit analysis to support prioritization of pollution source reduction options,
- Evaluate projects and programs to maximize benefits, feasibility, and participation of the public, and
- Engage the public and First Nations communities in the development of the updated action plan.

The PPCP will ultimately develop a prioritized 5-year action plan that outlines remediation activities and strategies to proactively manage the wastewater system in the City of London, while demonstrating that the wastewater system meets the requirements set out by the Ministry of the Environment, Conservation, and Parks (MECP)'s F-5-5 procedure.

For more information about the PPCP project, please visit london.ca/PPCP or scan the QR code with your smartphone.



HOW IS THIS STUDY PERFORMED?

This study will be performed as a Master Planning Study, satisfying Phases 1 and 2 of the Municipal Engineers Association Class Environmental Assessment process (October 2000, as amended in 2007, 2011, 2015, and 2023), which is an approved process under the Ontario Environmental Assessment Act.



GET INVOLVED!

The City of London encourages residents and other interested parties to actively participate in the review and update of the PPCP. Opportunities to be involved in the study will be advertised on the City's website, including one Public Information Centre (PIC) for you to provide comments and feedback. Upon study completion, a final PPCP report will be available for public review.

Anyone who wishes to be involved in this study should indicate their interest, to the following:

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*Information will be collected in accordance with the Municipal Freedom of Information and Protection Privacy Act.
With the exception of personal information, all comments will become part of the public record.*

This notice was first issued on August 24, 2023