



Appendix A5 Notice of Completion

NOTICE OF PROJECT COMPLETION

Introduction

The City of Kawartha Lakes has experienced a significant increase in growth over the recent years. The Water and Wastewater Servicing and Capacity Master Plan was initiated to identify the existing servicing constraints and provide a long-term water and wastewater servicing strategy that supports existing communities and growth to 2051 (ultimate buildout).

Master Plan Class Environmental Assessment

This study has been conducted in accordance with the requirements of Phases 1 and 2 of the Municipal Class Environmental Assessment, which is an approved process under the Environmental Assessment Act.

The Master Plan Class Environmental Assessment (MPCEA) process includes public and review agency consultation, an assessment of the problem and opportunities, an evaluation of alternative solutions, an assessment of potential effects on the environment, and identification of reasonable measures to mitigate the adverse effects. The preferred solution(s) were determined based on engineering requirements, environmental considerations (natural, social, economic), public input, and information gathered during the studies.

This study followed the Approach#1 of the Master Plan Class EA process. This Master Plan would therefore become the basis for, and be used in support of, future detailed investigations for the specific Schedule B and C projects identified within it.

Public Consultation

Public consultation is a key component of the MPCEA process. Two Public Information Centre (PIC) events were held to seek public input. PIC #1 was held in October 2023 and discussed the project objectives and processes. PIC #2 was held in June 2024 and discussed study findings and recommended upgrades for the City of Kawartha Lakes water and wastewater infrastructure.

Study Review and Completion

The City of Kawartha Lakes Water and Wastewater Servicing Capacity Master Plan Report is now available for public review. The report can be accessed on the project website here (scroll to city-wide section): <https://www.kawarthalakes.ca/en/municipal-services/major-projects.aspx>. A hard copy report is also available at the City Clerk's Office and Lindsay Library for public viewing.

It is available for a thirty (30) day public review period commencing from the date of this notice. Please provide comments to the contacts below by March 21, 2025.



Link to the Project Website, for more information. Scroll down to the "City-Wide" Section and click "Water and Wastewater Servicing and Capacity Master Plan".

Sydney McIvor

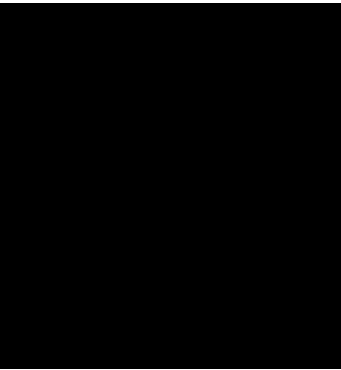
From: [REDACTED]
Sent: Sunday, February 23, 2025 6:06 PM
To: Sydney McIvor
Cc: nrahman; Mateusz Lewandowski; Abe Khademi
Subject: RE: NOTICE OF COMPLETION - CITY OF KAWARTHA LAKES WATER AND WASTEWATER MASTER PLAN UPDATE

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Sydney,

Any idea when the report will be made available to the public?

Thanks,



From: Sydney McIvor <sydney.mcivor@tylin.com>
Sent: Thursday, February 20, 2025 4:07 PM
Cc: nrahman <nrahman@kawarthalakes.ca>; Mateusz Lewandowski <mateusz.lewandowski@tylin.com>; Abe Khademi <abe.khademi@tylin.com>
Subject: NOTICE OF COMPLETION - CITY OF KAWARTHA LAKES WATER AND WASTEWATER MASTER PLAN UPDATE

Good afternoon,

T.Y. Lin International Canada Inc. has been retained by the City of Kawartha Lakes to assist in undertaking a Municipal Class Environmental Assessment (EA) with respect to updating the Water and Wastewater Master Plan.

Please find attached Notice of Project Completion.

If you have any questions, please feel free to contact Project Manager Abe Khademi, as noted in the attached letter.

Thank you,

Sydney McIvor

CIVIL E.I.T. – WATER LINEAR

T [REDACTED]

TYLin

Suite 301

209 Dundas Street East

Whitby, ON L1N 7H8, Canada

TYLin.com



Sydney McIvor

From: Sydney McIvor
Sent: Monday, February 24, 2025 9:55 AM
To: [REDACTED]
Cc: nrahman; Mateusz Lewandowski; Abe Khademi
Subject: RE: NOTICE OF COMPLETION - CITY OF KAWARTHA LAKES WATER AND WASTEWATER MASTER PLAN UPDATE

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<https://www.kawarthalakes.ca/en/municipal-services/major-projects.aspx>

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Thank you,

Sydney

Sydney McIvor

CIVIL E.I.T. – WATER LINEAR

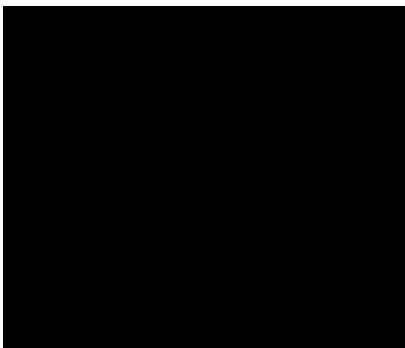
TYLin

From: [REDACTED]
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Cc: nrahman <nrahman@kawarthalakes.ca>; Mateusz Lewandowski <mateusz.lewandowski@tylin.com>; Abe Khademi <abe.khademi@tylin.com>
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Suite 301

209 Dundas Street East

Whitby, ON L1N 7H8, Canada

TYLin.com



Sydney Mclvor

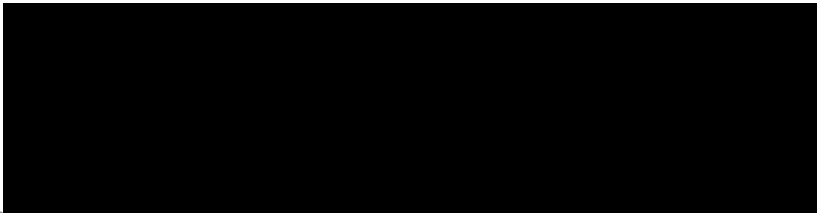
From: [REDACTED]
Sent: Monday, February 24, 2025 2:17 PM
To: Sydney Mclvor
Cc: [REDACTED]
Subject: RE: Water-Wastewater Servicing Master Plan Update Municipal Class EA

Follow Up Flag: Follow up
Flag Status: Completed

Sydney,

I did not receive any updates as per the email below. Can you confirm that I am on the distribution list as I was recently informed that the study is complete.

Thank you,



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From: Sydney Mclvor <sydney.mcivor@tylin.com>
Sent: Monday, May 27, 2024 8:53 AM
To: [REDACTED]
Cc: Kevin Brown <kevin.brown@tylin.com>
Subject: RE: Water-Wastewater Servicing Master Plan Update Municipal Class EA

Hello [REDACTED]

You have been added to the City of Kawartha Lakes Water and Wastewater Servicing Master Plan Update Municipal Class EA distribution list.

Attached is the Notice of Public Information Centre #2.

All future project communications will be sent to you as well.

Thank you,

Sydney

Sydney McIvor

CIVIL E.I.T. – WATER LINEAR

TYLin

From: Kevin Brown <Kevin.Brown@TYLin.com>
Sent: Monday, May 27, 2024 8:35 AM
To: Sydney McIvor <sydney.mcivor@tylin.com>
Cc: nrahman <nrahman@kawarthalakes.ca>
Subject: FW: Water-Wastewater Servicing Master Plan Update Municipal Class EA
Importance: High

Syd:

Please see below.

-Kevin

Kevin Brown, P.Eng. (he, him)

SENIOR MUNICIPAL ENGINEER

TEAM LEAD - HYDRAULICS AND INFRASTRUCTURE PLANNING

M [REDACTED]

TYLin

From: [REDACTED]
Sent: Friday, May 24, 2024 3:36 PM
To: Kevin Brown <Kevin.Brown@TYLin.com>; nrahman <nrahman@kawarthalakes.ca>
Cc: [REDACTED]
Subject: Water-Wastewater Servicing Master Plan Update Municipal Class EA
Importance: High

You don't often get email from [REDACTED] [Learn why this is important](#)

Kevin/Nafiur,

Pls. add me to the City of Kawartha Lakes Water-Wastewater Servicing Master Plan Update Municipal Class EA distribution list.

[REDACTED]

Thank you,



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Sydney McIvor

From: Sydney McIvor
Sent: Monday, February 24, 2025 3:03 PM
To: [REDACTED]
Cc: [REDACTED]; Mateusz Lewandowski; Abe Khademi
Subject: RE: Water-Wastewater Servicing Master Plan Update Municipal Class EA
Attachments: 2025-02-20-Notice-of-Completion-Final_Water-and-Wastewater-Servicing-and-Capacity-Master-Plan_accessible.pdf

Hi [REDACTED]

Confirmed that you are on the distribution list.

Please find attached Notice of Project Completion.

If you have any questions, please feel free to contact Project Manager Abe Khademi, as noted in the attached letter.

Thank you,

Sydney McIvor

CIVIL E.I.T. – WATER LINEAR

TYLin

From: [REDACTED]
Sent: Monday, February 24, 2025 2:17 PM
To: Sydney McIvor <sydney.mcivor@tylin.com>
Cc: Retired - Kevin Brown <kevin.brown@TYLIN1.onmicrosoft.com>; [REDACTED]
Subject: RE: Water-Wastewater Servicing Master Plan Update Municipal Class EA

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[REDACTED]

NOTICE

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From: Sydney McIvor <sydney.mcivor@tylin.com>
Sent: Monday, May 27, 2024 8:53 AM
To: [REDACTED]
Cc: Kevin Brown <kevin.brown@tylin.com>
Subject: RE: Water-Wastewater Servicing Master Plan Update Municipal Class EA

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Cc: nrahman <nrahman@kawarthalakes.ca>
Subject: FW: Water-Wastewater Servicing Master Plan Update Municipal Class EA
Importance: High

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Please see below.

-Kevin

Kevin Brown, P.Eng. (he, him)

SENIOR MUNICIPAL ENGINEER

TEAM LEAD - HYDRAULICS AND INFRASTRUCTURE PLANNING

M [REDACTED]

TYLin

From: [REDACTED]
Sent: Friday, May 24, 2024 3:36 PM
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Cc: [REDACTED]
Subject: Water-Wastewater Servicing Master Plan Update Municipal Class EA
Importance: High

You don't often get email from [REDACTED] [Learn why this is important](#)

Kevin/Nafiur,

Pls. add me to the City of Kawartha Lakes Water-Wastewater Servicing Master Plan Update Municipal Class EA distribution list.

[REDACTED]

Thank you,



[REDACTED]

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Sydney Mclvor

From: Nafiur Rahman <nrahman@kawarthalakes.ca>
Sent: Tuesday, March 11, 2025 4:32 PM
To: [REDACTED]
Cc: Abe Khademi; [REDACTED]; cpurdy; Mateusz Lewandowski; Sydney Mclvor
Subject: RE: CKL WWMP
Attachments: 20231130 Request to Consult Water Wastewater Alderville.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Good afternoon [REDACTED]

I acknowledge the receipt of your letter.

I would like to mention that we had a previous meeting with Alderville First Nation when the Notice of Commencement of the Master Plan Study was issued. The Master Plan study that we have just completed actually identifies individual projects to accommodate future growth. However, during the implementation of these projects further detailed investigations will be undertaken following the Municipal Class EA planning and design process.

Please let us know if you would like to meet further or just review the Master Plan Project File Report. We will process the fee of \$300 as mentioned in the letter.

Thank you.

Nafiur Rahman, P.Eng., PMP

Supervisor, Environmental Capital Project Management
Infrastructure Design and Construction, Engineering and Corporate Assets
City of Kawartha Lakes

[REDACTED]
www.kawarthalakes.ca

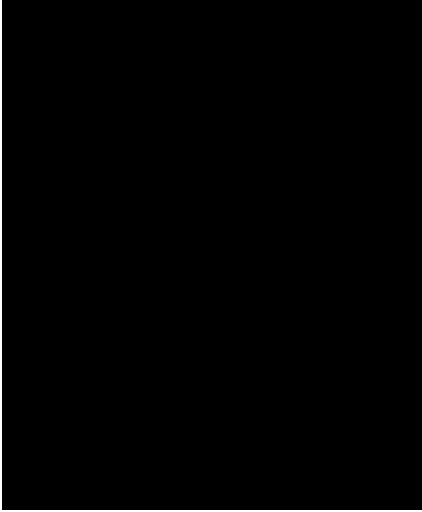


From: [REDACTED]
Sent: Monday, March 10, 2025 3:55 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Cc: Abe.Khademi@TYLin.com [REDACTED]
Subject: CKL WWMP

Aaniin Nafiur,

Please see attached.

Miigwech.
All the best,



This message, including any attachments, is privileged and intended only for the addressee(s) named above. If you are not the intended recipient, you must not read, use or disseminate the information contained in this e-mail. If you have received this e-mail in error, please notify the sender immediately by telephone, fax, or e-mail and shred this confidential e-mail, including any attachments, without making a copy. Access to this e-mail by anyone else is unauthorized.

Sydney Mclvor

From: [REDACTED]
Sent: Thursday, March 20, 2025 9:25 AM
To: nrahman
Cc: Abe Khademi; [REDACTED] cpurdy; Mateusz Lewandowski; Sydney Mclvor
Subject: RE: CKL WWMP

Follow Up Flag: Follow up
Flag Status: Completed

Some people who received this message don't often get email from [REDACTED]. [Learn why this is important](#)

Aaniin Nafiur,

Thank you for your e-mail – and thank you for reminding us of the engagement thus far. Apologies, it is challenging at times to keep everything sorted in terms of projects, and their timing. Yes – I can just review the Master Plan Project File Report – no need to meet again at this time.

Thank you for processing the filing fee – I checked my records and couldn't locate a previous payment.

Our interest moving forward, will be the actual construction of the project itself, and understanding the potential impacts to the lands and waters.

Looking forward to working with your team at that time. Please keep us updated and engaged as the process moves forward.

Miigwech.
All the best,

From: Nafiur Rahman <nrahman@kawarthalakes.ca>
Sent: March 11, 2025 4:32 PM
To: [REDACTED]
Cc: Abe.Khademi@TYLin.com; [REDACTED] Corby Purdy <cpurdy@kawarthalakes.ca>; 'Mateusz Lewandowski' <mateusz.lewandowski@tylin.com>; Sydney Mclvor <sydney.mclvor@tylin.com>
Subject: RE: CKL WWMP

Good afternoon [REDACTED]

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I would like to mention that we had a previous meeting with Alderville First Nation when the Notice of Commencement of the Master Plan Study was issued. The Master Plan study that we have just completed actually identifies individual projects to accommodate future growth. However, during the implementation of these projects further detailed investigations will be undertaken following the Municipal Class EA planning and design process.

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Thank you.

Nafiur Rahman, P.Eng., PMP

Supervisor, Environmental Capital Project Management
Infrastructure Design and Construction, Engineering and Corporate Assets
City of Kawartha Lakes

[REDACTED]
www.kawarthalakes.ca



From: [REDACTED]
Sent: Monday, March 10, 2025 3:55 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Cc: Abe.Khademi@TYLin.com [REDACTED]
Subject: CKL WWMP

Aaniin Nafiur,

Please see attached.

Miigwech.
All the best,



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Sydney Mclvor

From: [REDACTED]
Sent: Friday, March 21, 2025 5:42 PM
To: Sydney Mclvor
Cc: nrahman; Mateusz Lewandowski; Abe Khademi
Subject: RE: NOTICE OF COMPLETION - CITY OF KAWARTHA LAKES WATER AND WASTEWATER MASTER PLAN UPDATE [MCM File 0020031]
Attachments: 2025-03-21_KawarthaLakesWWWMP_MCMcomments.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon,
Please see our comments attached.

[REDACTED]
Heritage Planner | Heritage Operations Branch
Ministry of Citizenship and Multiculturalism | Ontario Public Service
[REDACTED]



Taking pride in strengthening Ontario, its places and its people

From: Sydney Mclvor <sydney.mclvor@tylin.com>
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CIVIL E.I.T. – WATER LINEAR

T [REDACTED]

TYLin

Suite 301

209 Dundas Street East
Whitby, ON L1N 7H8, Canada

TYLin.com



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To: [REDACTED]
Cc: nrahman; Mateusz Lewandowski; Abe Khademi
Subject: RE: NOTICE OF COMPLETION - CITY OF KAWARTHA LAKES WATER AND WASTEWATER MASTER PLAN UPDATE [MCM File 0020031]

Hello [REDACTED]

Thank you for the comments provided, confirming that they have been reviewed by the project team.

Sydney

Sydney McIvor

CIVIL E.I.T. – WATER LINEAR

TYLin

From: [REDACTED]
Sent: Friday, March 21, 2025 5:42 PM
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Cc: nrahman <nrahman@kawarthalakes.ca>; Mateusz Lewandowski <mateusz.lewandowski@tylin.com>; Abe Khademi <abe.khademi@tylin.com>
Subject: RE: NOTICE OF COMPLETION - CITY OF KAWARTHA LAKES WATER AND WASTEWATER MASTER PLAN UPDATE [MCM File 0020031]

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Ontario 

Taking pride in strengthening Ontario, its places and its people

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Subject: NOTICE OF COMPLETION - CITY OF KAWARTHA LAKES WATER AND WASTEWATER MASTER PLAN UPDATE

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Sydney McIvor

CIVIL E.I.T. – WATER LINEAR

T [REDACTED]

TYLin

Suite 301

209 Dundas Street East

Whitby, ON L1N 7H8, Canada

TYLin.com



Sydney McIvor

From: Abe Khademi
Sent: Monday, March 24, 2025 7:00 AM
To: Mateusz Lewandowski
Cc: Sydney McIvor
Subject: FW: Water and Wastewater Master Plan Update - Comments
Attachments: Flato - Lindsay Master Plan Comments Memo.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

FYI – I don't think a response is required.

From: [REDACTED]
Sent: Friday, March 21, 2025 5:09 PM
To: nrahman <nrahman@kawarthalakes.ca>; Abe Khademi <abe.khademi@tylin.com>
Cc: [REDACTED]
Subject: Water and Wastewater Master Plan Update - Comments

You don't often get email from [REDACTED] [Learn why this is important](#)

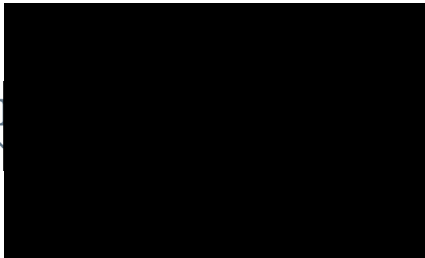
Nafiur and Abe,

Please see attached for comments of the master plan for your consideration.

If you have any questions please feel free to reach out at any time.

Thank you,

COUNTERPOINT | DILLO
LAND DEVELOPMENT BY | CONSULTING



This message is directed in confidence solely to the person(s) named above and may contain privileged, confidential or private information which is not to be disclosed. If you are not the addressee or an authorized representative thereof, please contact the undersigned and then destroy this message.

Ce message est destiné uniquement aux personnes indiquées dans l'entête et peut contenir une information privilégiée, confidentielle ou privée et ne pouvant être divulguée. Si vous n'êtes pas le destinataire de ce message ou une personne autorisée à le recevoir, veuillez communiquer avec le soussigné et ensuite détruire ce message.

Sydney Mclvor

From: Mateusz Lewandowski
Sent: Tuesday, April 8, 2025 1:53 PM
To: [REDACTED]
Cc: cpurdy; Abe Khademi; nrahman; Sydney Mclvor
Subject: RE: Water and Wastewater Master Plan Update - Comments

Follow Up Flag: Follow up
Flag Status: Flagged

Hello [REDACTED]

Please find the below red comment responses for your attention.

1. The per capita flow rate criteria could over estimate the actual capacity increase required at the treatment plants given the rate used (450 l/cap/day) is higher than the observed existing rates (250 l/cap/day).
A master plan serves as a high-level planning tool to evaluate water and wastewater capacity within the collection, distribution, and treatment systems, and to identify necessary upgrades to meet the anticipated growth. Considering several factors, such as, current unit density, water leakage, inflow & infiltration, accessory residential unit (ARU), etc. the City decided to keep the design criteria unchanged.
2. Should the City wish to remain conservative in the water demand / sanitary flow generation rate per capita, we recommend the City expands in substantial tranches of capacity increase but that at each phase of plant expansion, the impact of new growth is compared against the master plan with the opportunity to recalibrate the ultimate targeted capacity required to service the full build out of anticipated growth. Given the duration of the plan, it is likely that an updated master plan in approximately 10 years would be a timely opportunity to undertake such an analysis.
Typically, a master plan update is recommended to be completed within a 5–10-year timeframe, depending on the growth rate and the overall impacts on the water and wastewater systems. The City will consider a phasing approach in the design and construction of major facility upgrades/expansion.
3. The Flato team is contemplating 3 or possibly 4 sanitary pumping stations within the Flato MZO lands, while the Master Plan Update contemplated two pumping stations for the Flato lands.
The master plan utilizes the most up-to-date information available at the time of its completion. Any changes or impacts will need to be assessed individually during the development application review process.
4. The Trunk Sewer alignment appears conservative in estimate of capital cost requirements as it is not aligned with the proposal from the Flato team to utilize the available capacity within the existing twinned St. David Street sanitary trunk sewer. **This will be evaluated during the development application review process.**
5. Preliminary modelling has been completed for the Flato MZO lands based on the boundary conditions supplied by the City from the Master Plan model and an elevated storage tank is recommended by the Flato team in the north east quadrant of the MZO lands, north of Pigeon Lake Road and west of Fieldside Road.
Any storage deficits for each respective community will require a separate Class EA study to identify the preferred alternative followed by design and construction.

Please feel free to forward to the remaining individuals on your team.

Thanks,

Mateusz Lewandowski, P.Eng

PROJECT MANAGER



TYLin

Suite 315
3381 Steeles Avenue East
Toronto, ON M2H 3S7, Canada

TYLin.com |    

From: Nafiur Rahman
Sent: Monday, March 24, 2025 4:30 PM
To: [Redacted]
Cc: [Redacted]
Subject: Re: Water and Wastewater Master Plan Update - Comments

Hi [Redacted]

I acknowledge receipt of your email and comments. We will review and provide response accordingly.

Thanks,
Nafiur

From: [Redacted]
Sent: Friday, March 21, 2025 5:09 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>; abe.khademi@tylin.com <abe.khademi@tylin.com>
Cc: [Redacted]
Subject: Water and Wastewater Master Plan Update - Comments

Nafiur and Abe,

Please see attached for comments of the master plan for your consideration.

If you have any questions please feel free to reach out at any time.

Thank you,

COUNTERPOINT
LAND DEVELOPMENT BY

DILLON
CONSULTING

**Counterpoint Land Development
by Dillon Consulting Limited**

8395 Jane Street Suite 100
Vaughan, Ontario, Canada, L4K 5Y2
T: [Redacted]

www.counterpointeng.com
www.dillon.ca

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Sydney Mclvor

From: Nafiur Rahman <nrahman@kawarthalakes.ca>
Sent: Monday, March 24, 2025 3:04 PM
To: Abe Khademi; Mateusz Lewandowski
Cc: cpurdy; Sydney Mclvor
Subject: Fw: City of Kawartha Lakes- Fenelon Falls

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Abe/Mat,

Forwarding the email received below. I understand your team will review the questions received so far during the review period and prepare responses accordingly.

How would you like to respond to the questions? Please let me know and I will reply the following email accordingly.

Thanks
Nafiur

From: [REDACTED]
Sent: Monday, March 24, 2025 10:04 AM
To: Nafiur Rahman
Subject: Re: City of Kawartha Lakes- Fenelon Falls

Good Morning Nafiur,

The commenting deadline for the Water and Wastewater Servicing Capacity Master Plan was on Friday. Our office was wondering what is the next steps regarding the report and the feedback from the public? Hope to hear from you at your earliest convenience.

Kind Regards,

[REDACTED] | Land Development Planner
A. 80 Micro Court, Suite 105 Markham ON L3R 9Z5

E. [REDACTED]

P. [REDACTED]



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On Fri, Dec 13, 2024 at 11:33 AM Nafiur Rahman <nrahman@kawarthalakes.ca> wrote:

Hi [REDACTED],

The presentation slides are now available on the City website. Here is the link. Please scroll down to City-wide section.

<https://www.kawarthalakes.ca/en/municipal-services/major-projects.aspx>

Thanks
Nafiur

From: [REDACTED]
Sent: Thursday, December 12, 2024 3:44 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Subject: Re: City of Kawartha Lakes- Fenelon Falls

Hello Nafiur,

Thank you for the update. Is it possible to provide a copy of the PowerPoint presentation from Tuesday's meeting? Thank you.

Kind Regards,

[REDACTED] | Land Development Planner
A. 80 Micro Court, Suite 105 Markham ON L3R 9Z5
E. [REDACTED]
P. [REDACTED]

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On Thu, Dec 12, 2024 at 2:07 PM Nafiur Rahman <nrahman@kawarthalakes.ca> wrote:

Good afternoon [REDACTED],

The project hasn't fully completed yet. We are targeting to get the project file report to council in February 2025.

Thank you.

Nafiur

From: [REDACTED]
Sent: Thursday, December 12, 2024 1:56 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Subject: Re: City of Kawartha Lakes- Fenelon Falls

Good Afternoon Nafiur,

I was wondering where we can obtain a copy of the City of Kawartha Lakes Water/Wastewater Master Servicing Strategy? Hope to hear from you at your earliest convenience.

Kind Regards,

[REDACTED] | Land Development Planner
A. 80 Micro Court, Suite 105 Markham ON L3R 9Z5

E. [REDACTED]

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On Mon, Jul 29, 2024 at 4:36 PM Nafiur Rahman <nrahman@kawarthalakes.ca> wrote:

Good Afternoon [REDACTED],

The Woodville and Fenelon Falls Standpipes Rehabilitation project is entirely for lifecycle repair and replacement so that the infrastructures can be maintained in a state of good repair and be compliant with Drinking Water Works Permit and License. The major scopes of this project are

recoating of interior and exterior concrete, crack repair and some safety equipment replacement. There is no correlation between this work and Servicing Master Plan Study.

I hope this clarifies your question.

Thanks

Nafiur Rahman, P.Eng., PMP

Supervisor, Environmental Capital Project Management

Infrastructure Design and Construction, Engineering and Corporate Assets

City of Kawartha Lakes

[REDACTED]

www.kawarthalakes.ca

Error! Filename not specified.

From: [REDACTED]
Sent: Monday, July 29, 2024 4:23 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Subject: City of Kawartha Lakes- Fenelon Falls

Good Afternoon Nafiur,

I was wondering if you could briefly explain what is the Woodville and Fenelon Falls Standpipes Rehabilitation (from the July 23rd CKWL Regular Council Meeting) and is there a correlation between this and the City of Kawartha Lakes Water and Wastewater Servicing Capacity Master Plan update? Please advise. Thank you very much.

Kind Regards,

[REDACTED] | **Land Development Planner**
A. 327 Renfrew Dr., Suite 201 Markham ON L3R 9S8
E. [REDACTED]
P. [REDACTED]

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Sydney Mclvor

From: [REDACTED]
Sent: Friday, March 28, 2025 1:41 PM
To: nrahman
Cc: Abe Khademi; cpurdy; Mateusz Lewandowski; Sydney Mclvor
Subject: Re: City of Kawartha Lakes- Fenelon Falls

Hello Nafiur,

Thank you for your response. Much appreciated.

Kind Regards,

[REDACTED] | **Land Development Planner**

A. 80 Micro Court, Suite 105 Markham ON L3R 9Z5

E. [REDACTED]

P. [REDACTED]



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On Thu, Mar 27, 2025 at 11:39 AM Nafiur Rahman <nrahman@kawarthalakes.ca> wrote:

Good morning [REDACTED]

Thank you for your email. We are currently reviewing comments received within the comment period. If no changes are required, the report posted to the website would be the final report. Based on the recommended upgrades and projects identified in the study report, our corporate assets team is currently undertaking Development Charges study and preparing a long-term financial plan for implementation.

Regards,
Nafiur

From: [REDACTED]
Sent: Monday, March 24, 2025 10:04 AM
To: Nafiur Rahman
Subject: Re: City of Kawartha Lakes- Fenelon Falls

Good Morning Nafiur,

The commenting deadline for the Water and Wastewater Servicing Capacity Master Plan was on Friday. Our office was wondering what is the next steps regarding the report and the feedback from the public? Hope to hear from you at your earliest convenience.

Kind Regards,

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Hi [REDACTED]

The presentation slides are now available on the City website. Here is the link. Please scroll down to City-wide section.

<https://www.kawarthalakes.ca/en/municipal-services/major-projects.aspx>

Thanks

Nafiur

From: [REDACTED]
Sent: Thursday, December 12, 2024 3:44 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
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A. 80 Micro Court, Suite 105 Markham ON L3R 9Z5

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Thank you.

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Kind Regards,

██████████ | Land Development Planner

A. 80 Micro Court, Suite 105 Markham ON L3R 9Z5

E. ██████████

P. ██████████

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Good Afternoon ██████████

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I hope this clarifies your question.

Thanks

Nafiur Rahman, P.Eng., PMP

Supervisor, Environmental Capital Project Management

Infrastructure Design and Construction, Engineering and Corporate Assets

City of Kawartha Lakes

[REDACTED]

www.kawarthalakes.ca

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From: [REDACTED]
Sent: Monday, July 29, 2024 4:23 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Subject: City of Kawartha Lakes- Fenelon Falls

Good Afternoon Nafiur,

I was wondering if you could briefly explain what is the Woodville and Fenelon Falls Standpipes Rehabilitation (from the July 23rd CKWL Regular Council Meeting) and is there a correlation between this and the City of Kawartha Lakes Water and Wastewater Servicing Capacity Master Plan update? Please advise. Thank you very much.

Kind Regards,

[REDACTED] | Land Development Planner

A. [REDACTED]

E. [REDACTED]

P. [REDACTED]

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Sydney Mclvor

From: Mateusz Lewandowski
Sent: Wednesday, April 2, 2025 8:52 AM
To: nrahman
Cc: Abe Khademi; Sydney Mclvor
Subject: RE: CKL Water and Wastewater Servicing and Capacity Master Plan

Hello Nafiur,

We will review and log the comments.

Regards,

Mateusz Lewandowski, P.Eng

PROJECT MANAGER

TYLin

From: Nafiur Rahman <nrahman@kawarthalakes.ca>
Sent: Wednesday, April 2, 2025 8:49 AM
To: Mateusz Lewandowski <mateusz.lewandowski@tylin.com>
Cc: Abe Khademi <abe.khademi@tylin.com>
Subject: FW: CKL Water and Wastewater Servicing and Capacity Master Plan

Hi Mat,

Please see email below for your review.

Thanks
Nafiur

From: Kirk Timms <ktimms@kawarthalakes.ca>
Sent: Tuesday, April 1, 2025 5:13 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Cc: Corby Purdy <cpurdy@kawarthalakes.ca>; Roberta Perdue <rperdue@kawarthalakes.ca>
Subject: FW: CKL Water and Wastewater Servicing and Capacity Master Plan

Hi Nafiur,

Are you able to review the email below and provide a response that I can send along to Counterpoint?

Thank you,

Kirk

From: [REDACTED]
Sent: Tuesday, April 1, 2025 2:26 PM
To: Kirk Timms <ktimms@kawarthalakes.ca>
Cc: [REDACTED]
Subject: CKL Water and Wastewater Servicing and Capacity Master Plan

Hi Kirk,

I hope this email finds you well.

I wanted to reach out regarding a couple questions related to the overall wastewater servicing of Lindsay, Ontario.

Upon review of the January 2025 CKL Water and Wastewater Servicing and Capacity Master Plan, we noticed there is a discrepancy for the overall capacity of the Lindsay Street North Sanitary Pumping Station.

In Technical Memorandum #4, page 66, section 3.1.2.3, the capacity of the Lindsay Street N SPS is described as follows.

capacity of 550 L/s.

3.1.2.3 Lindsay Street North Sewage Pumping Station

Lindsay Street North SPS is located by Lindsay Street North right-of-way near the northern area of the community. The flows are conveyed via a 450 mm HDPE (500 mm CPP under river) and a 400 mm DI (350 mm CPP under river) forcemain to the Lindsay WPCP. The facility consists of three pumps, each rated for 345 L/s at 35 m TDH, for a combined theoretical firm capacity of 690 L/s.

A fourth pump can be installed at Lindsay Street North SPS, potentially increasing the firm capacity to 1,035 L/s.

Later on in Technical Memorandum #6, table 4-1, on page 65, the following capacity is stated:

Table 4-1: Lindsay Sewage Pumping Stations

Facility	# of Pumps	Total Capacity [L/s]	Firm Capacity [L/s]	Source
Fairground SPS	2	36	18	2003 ECA
Jennings Creek SPS	3	825	550	2011 ECA
Lindsay Street North SPS	3	600	400	2015 - Lindsay Capacity Report

Could you please confirm whether the Lindsay Street N SPS has a capacity of 690 L/s or 600 L/s?

I was also wondering if you could please confirm if the following future developments in the Lindsay Area are currently allocated to the stretch of Sanitary trunk main along Alcorn Drive which ultimately discharges to the Lindsay Street North SPS?

LIN-G-2: Ravines of Lindsay, 146 units

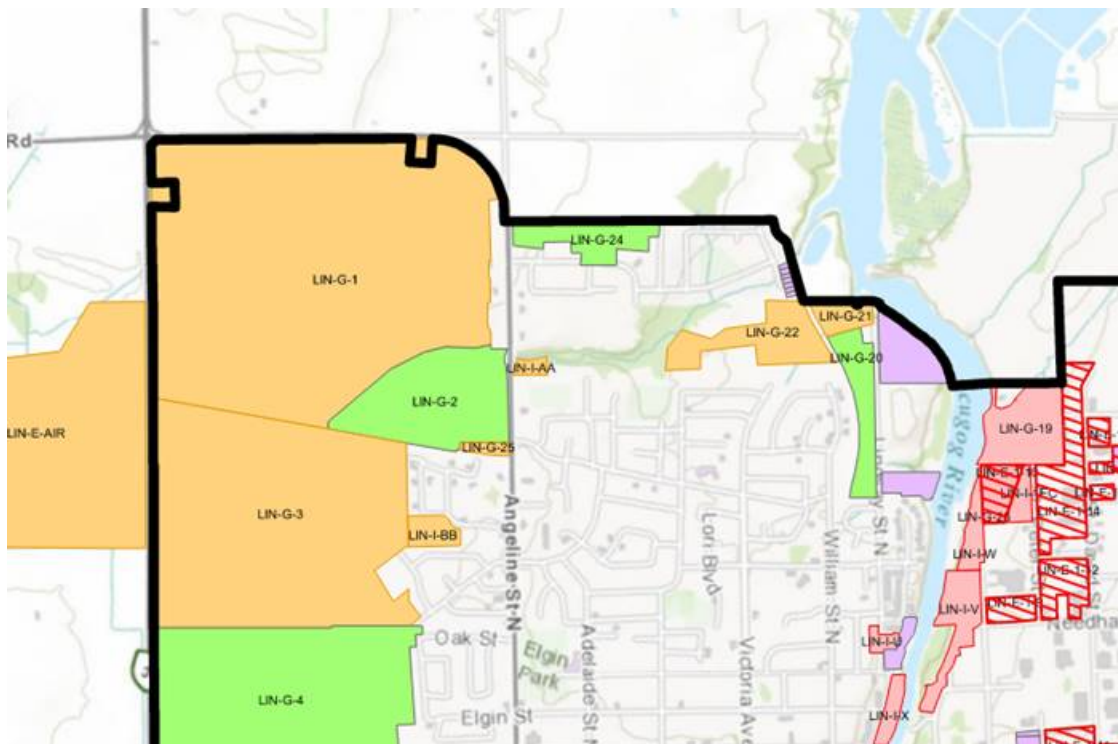
LIN-G-25: 2011 Growth Management Strategy - 29 units

LIN-I-AA: 2011 Growth Management Strategy - 29 units

LIN-G-22: 2011 Growth Management Strategy – 263 units for all of Woods of Jennings Creek Development (58 lots built in phase 1)

LIN-G-21: 2011 Growth Management Strategy - 15 units

LIN-G-20: Fernbrook Homes, 155 units



Thank you and please let me know if you require any clarification.

Regards,



Dillon Consulting Limited
425 Adelaide St W, Suite 300
Toronto, Ontario, M5V 3C1
T - [REDACTED]
www.dillon.ca

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From: Kirk Timms <ktimms@kawarthalakes.ca>
Sent: Tuesday, April 1, 2025 5:13 PM
To: Nafiur Rahman <nrahman@kawarthalakes.ca>
Cc: Corby Purdy <cpurdy@kawarthalakes.ca>; Roberta Perdue <rperdue@kawarthalakes.ca>
Subject: FW: CKL Water and Wastewater Servicing and Capacity Master Plan

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Kirk

From: [REDACTED]
Sent: Tuesday, April 1, 2025 2:26 PM
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Subject: CKL Water and Wastewater Servicing and Capacity Master Plan

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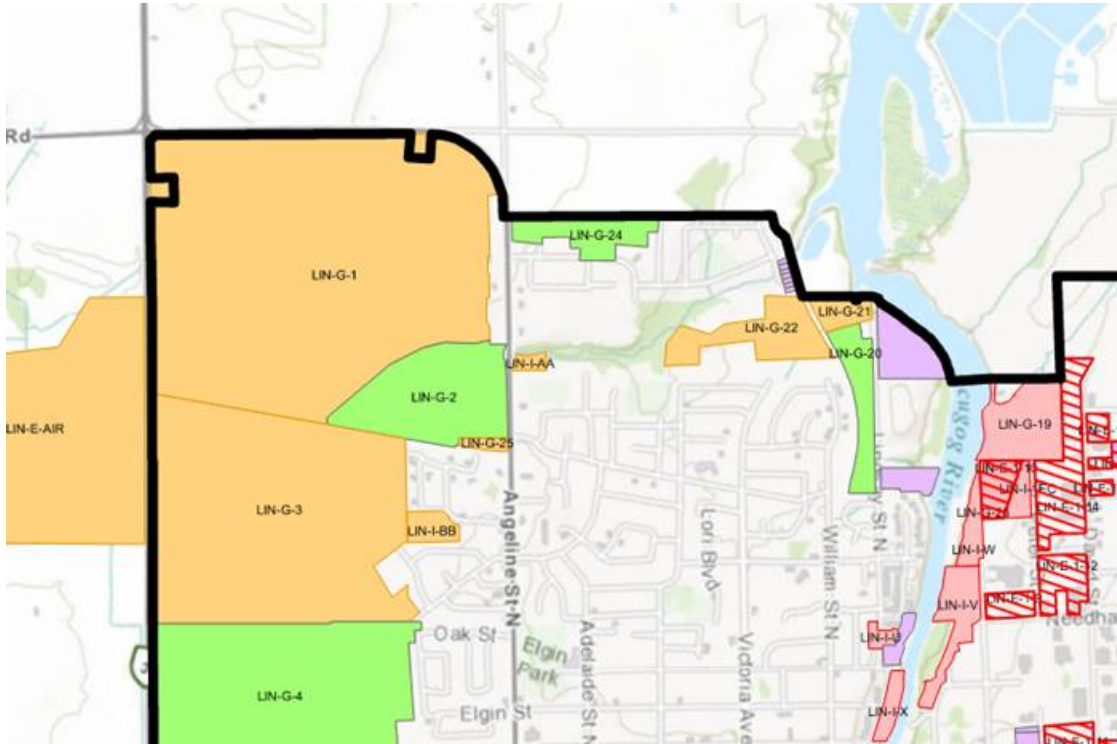
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LIN-G-21: 2011 Growth Management Strategy - 15 units

LIN-G-20: Fernbrook Homes, 155 units



Thank you and please let me know if you require any clarification.

Regards,



[Redacted]
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425 Adelaide St W, Suite 300
Toronto, Ontario, M5V 3C1
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Sydney McIvor

From: Kirk Timms <ktimms@kawarthalakes.ca>
Sent: Thursday, June 5, 2025 8:57 AM
To: 'Buffam, Ben'
Cc: [REDACTED]
Subject: RE: CKL Water and Wastewater Servicing and Capacity Master Plan
Attachments: Lindsay St N SPS Pump stiker.jpg; Pump Curve - Lindsay St N LCS - Fontaine.pdf

Good morning Ben,

We have received new information from OCWA and the pump manufacturer about the model and size of existing pumps at the Lindsay St N SPS.

There are 3 pumps at the station – 2 duty and 1 standby, each 200 L/s (NOT 345 L/s). So, the theoretical firm capacity (largest pump out of service) of the station is 400 L/s. See attached pump sticker and pump curve.

Please note that a 4th pump (2nd back up within the empty slot) has been considered to be designed and installed at this station in the long-term financial plan.

Thank you,
Kirk

From: Kirk Timms
Sent: Monday, April 7, 2025 9:54 AM
To: 'Buffam, Ben' <bbuffam@counterpointeng.com>
Cc: [REDACTED]
Subject: RE: CKL Water and Wastewater Servicing and Capacity Master Plan

Good morning Ben,

The current firm capacity of Lindsay St N SPS is 690 L/s (345 L/s each).

At this time only LIN-G21 is not proposed to connect to the sanitary main along Alcorn Drive, however flows from all developments mentioned below will ultimately be discharged to Lindsay St N SPS.

Thank you,
Kirk

From: Buffam, Ben <bbuffam@counterpointeng.com>
Sent: Tuesday, April 1, 2025 2:26 PM
To: Kirk Timms <ktimms@kawarthalakes.ca>
Cc: [REDACTED]
Subject: CKL Water and Wastewater Servicing and Capacity Master Plan

Hi Kirk,

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Facility	# of Pumps	Total Capacity [L/s]	Firm Capacity [L/s]	Source
Fairground SPS	2	36	18	2003 ECA
Jennings Creek SPS	3	825	550	2011 ECA
Lindsay Street North SPS	3	600	400	2015 - Lindsay Capacity Report

Could you please confirm whether the Lindsay Street N SPS has a capacity of 690 L/s or 600 L/s?

I was also wondering if you could please confirm if the following future developments in the Lindsay Area are currently allocated to the stretch of Sanitary trunk main along Alcorn Drive which ultimately discharges to the Lindsay Street North SPS?

LIN-G-2: Ravines of Lindsay, 146 units

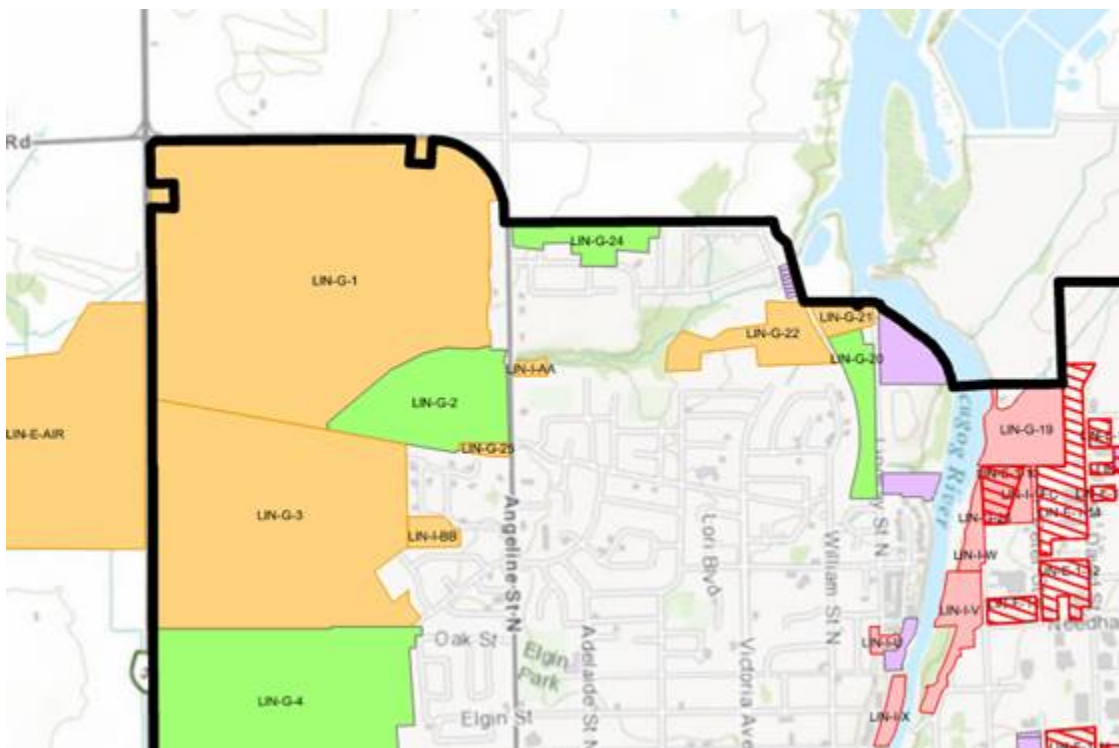
LIN-G-25: 2011 Growth Management Strategy - 29 units

LIN-I-AA: 2011 Growth Management Strategy - 29 units

LIN-G-22: 2011 Growth Management Strategy – 263 units for all of Woods of Jennings Creek Development (58 lots built in phase 1)

LIN-G-21: 2011 Growth Management Strategy - 15 units

LIN-G-20: Fernbrook Homes, 155 units



Thank you and please let me know if you require any clarification.

Regards,



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Organization	Last Name	First Name	E-Mail	Phone	Property Address	Additional Comment	Stakeholder Response	Responded to?	Response Date?	TYLin Response
Pollis Engineering	█	█	█	█	█		Any idea when the report will be made available to the public?	yes	2025 02 24	The City of Kawartha Lakes Water and Wastewater Servicing Capacity Master Plan Report is now available for public review. The report can be accessed on the project website here (scroll to city-wide section): https://www.kawarthalakes.ca/en/municipal-services/major-projects.aspx A hard copy report is also available at the City Clerk's Office and Lindsay Library for public viewing.
Odan Detech Group	█	█	█	█	█		I did not receive any updates as per the email below. Can you confirm that I am on the distribution list as I was recently informed that the study is complete.	yes	2025 02 24	Confirmed that you are on the distribution list. Please find attached Notice of Project Completion. If you have any questions, please feel free to contact Project Manager Abe Khademi, as noted in the attached letter.
Alderville First Nation	█	█	█	█	█	Thank you for your e-mail – and thank you for reminding us of the engagement thus far. Apologies, it is challenging at times to keep everything sorted in terms of projects, and their timing. Yes – I can just review the Master Plan Project File Report – no need to meet again at this time.	Please see attached.	yes	2025 03 11	I would like to mention that we had a previous meeting with Alderville First Nation when the Notice of Commencement of the Master Plan Study was issued. The Master Plan study that we have just completed actually identifies individual projects to accommodate future growth. However, during the implementation of these projects further detailed investigations will be undertaken following the Municipal Class EA planning and design process.
Ministry of Citizenship and Multiculturalism (MCM)	█	█	█	█	█		Please see our comments attached.	yes	2025 03 24	Thank you for the comments provided, confirming that they have been reviewed by the project team.
Counterpoint Engineering	█	█	█	█	█		Please see attached for comments of the master plan for your consideration.	yes	2025 04 08	1.A master plan serves as a high-level planning tool to evaluate water and wastewater capacity within the collection, distribution, and treatment systems, and to identify necessary upgrades to meet the anticipated growth. Considering several factors, such as, current unit density, water leakage, inflow & infiltration, accessory residential unit (ARU), etc. the City decided to keep the design criteria unchanged. 2. Typically, a master plan update is recommended to be completed within a 5–10-year timeframe, depending on the growth rate and the overall impacts on the water and wastewater systems. The City will consider a phasing approach in the design and construction of major facility upgrades/expansion. 3. The master plan utilizes the most up-to-date information available at the time of its completion. Any changes or impacts will need to be assessed individually during the development application review process. 4. This will be evaluated during the development application review process. 5. Any storage deficits for each respective community will require a separate Class EA study to identify the preferred alternative followed by design and construction.
Digram	█	█	█	█	█	Hello █ Thank you for your response. Much appreciated. Kind Regards,	The commenting deadline for the Water and Wastewater Servicing Capacity Master Plan was on Friday. Our office was wondering what is the next steps regarding the report and the feedback from the public? Hope to hear from you at your earliest convenience.	yes	2025 03 27	Thank you for your email. We are currently reviewing comments received within the comment period. If no changes are required, the report posted to the website would be the final report. Based on the recommended upgrades and projects identified in the study report, our corporate assets team is currently undertaking Development Charges study and preparing a long-term financial plan for implementation.
Counterpoint Engineering	█	█	█	█	█		Could you please confirm whether the Lindsay Street N SPS has a capacity of 690 L/s or 600 L/s? I was also wondering if you could please confirm if the following future developments in the Lindsay Area are currently allocated to the stretch of Sanitary trunk main along Alcorn Drive which ultimately discharges to the Lindsay Street North SPS?	yes	2025 04 07	Good morning █. The current firm capacity of Lindsay St N SPS is 690 L/s (345 L/s each). At this time only LIN-G21 is not proposed to connect to the sanitary main along Alcorn Drive, however flows from all developments mentioned below will ultimately be discharged to Lindsay St N SPS.

utlook

RE: KL Water and Wastewater Servicing and Capacity Master Plan

From Kirk Timms <ktimms@kawarthalakes.ca>

To 'Buffam, Ben' <bbuffam@counterpointeng.com>

Cc 'Stephen Sparrow' <SSparrow@counterpointeng.com>; 'Mina Yacoub' <myacoub@dillon.ca>; 'Karl Repka' <krepka@counterpointeng.com>

 2 attachments (990 KB)

Pump Curve - Lindsay St N LCS - Fontaine.pdf; Lindsay St N SPS Pump stiker.jpg;

Good morning Ben,

We have received new information from OCWA and the pump manufacturer about the model and size of existing pumps at the Lindsay St N SPS.

There are 3 pumps at the station – 2 duty and 1 standby, each 200 L/s (NOT 345 L/s). So, the theoretical firm capacity (largest pump out of service) of the station is 400 L/s. See attached pump sticker and pump curve.

Please note that a 4th pump (2nd back up within the empty slot) has been considered to be designed and installed at this station in the long-term financial plan.

Thank you,
Kirk

From: Kirk Timms

Sent: Monday, April 7, 2025 9:54 AM

To: 'Buffam, Ben' <bbuffam@counterpointeng.com>

Cc: Stephen Sparrow <SSparrow@counterpointeng.com>; Mina Yacoub <myacoub@dillon.ca>; Karl Repka <krepka@counterpointeng.com>

Subject: RE: CKL Water and Wastewater Servicing and Capacity Master Plan

Good morning Ben,

The current firm capacity of Lindsay St N SPS is 690 L/s (345 L/s each).

At this time only LIN-G21 is not proposed to connect to the sanitary main along Alcorn Drive, however flows from all developments mentioned below will ultimately be discharged to Lindsay St N SPS.

Thank you,
Kirk

From: Buffam, Ben <bbuffam@counterpointeng.com>
Sent: Tuesday, April 1, 2025 2:26 PM
To: Kirk Timms <ktimms@kawarthalakes.ca>
Cc: Stephen Sparrow <ssparrow@counterpointeng.com>; Mina Yacoub <myacoub@dillon.ca>; Karl Repka <krepka@counterpointeng.com>
Subject: CKL Water and Wastewater Servicing and Capacity Master Plan

Hi Kirk,

I hope this email finds you well.

I wanted to reach out regarding a couple questions related to the overall wastewater servicing of Lindsay, Ontario.

Upon review of the January 2025 CKL Water and Wastewater Servicing and Capacity Master Plan, we noticed there is a discrepancy for the overall capacity of the Lindsay Street North Sanitary Pumping Station.

In Technical Memorandum #4, page 66, section 3.1.2.3, the capacity of the Lindsay Street N SPS is described as follows.

Later on in Technical Memorandum #6, table 4-1, on page 65, the following capacity is stated:

Could you please confirm whether the Lindsay Street N SPS has a capacity of 690 L/s or 600 L/s?

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LIN-G-20: Fernbrook Homes, 155 units

Thank you and please let me know if you require any clarification.

Regards,

Ben Buffam
Dillon Consulting Limited
425 Adelaide St W, Suite 300
Toronto, Ontario, M5V 3C1
T - 416.628.4658
BBuffam@counterpointeng.com
www.dillon.ca

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SUBMERSIBLE PUMP TEST REPORT

Fontaine reference no: 951811-011

Pump Information

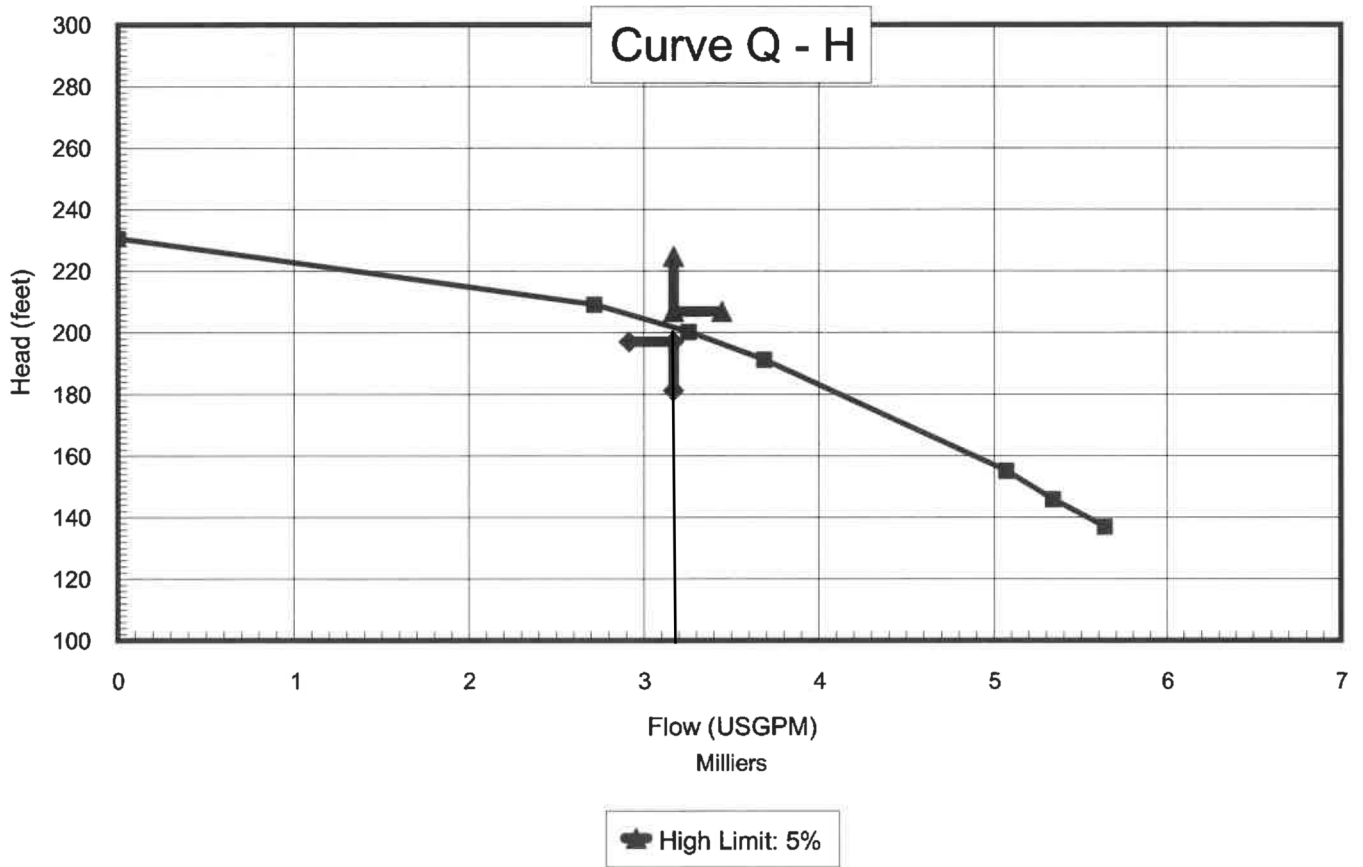
Pump model	20AM-SW31	Outlet dia (in.)	10
Impeller model	CA25-10	Impeller dia. (in)	14,8125
Req. Flow (USGPM (l/s))	3170 (200,0)	Req. Head (ft (m))	197 (60,0)
Solid allowed (in.)	3	Serial Number	E96E920

Motor Information

Nominal power (Hp)	250	Voltage (volts)	575
Nominal speed (rpm)	1800	Phase/Cycle (Hz)	3/60
		Serial Number	FB96E811

Calculated Flow & Head

Flow Q							
(USGPM)	0,0	2717,7	3256,3	3687,5	5070,4	5338,1	5636,0
(l/s)	0,0	171,4	205,4	232,6	319,8	336,7	355,5
Head H							
(Feet)	230,7	209,2	200,3	191,2	155,1	145,9	137,1
(m)	70,3	63,8	61,0	58,3	47,3	44,5	41,8
Average current (ph. 1,2,3)							
(AMP)	164,0	256,0	272,7	281,0	316,3	320,7	319,3



Tested by: Daniel Poirier

Verified by: R. St-Laurent, T.P.

Date: 12-06-96

SUBMERSIBLE PUMP TEST REPORT

Fontaine reference no: 951811-011

Pump Information

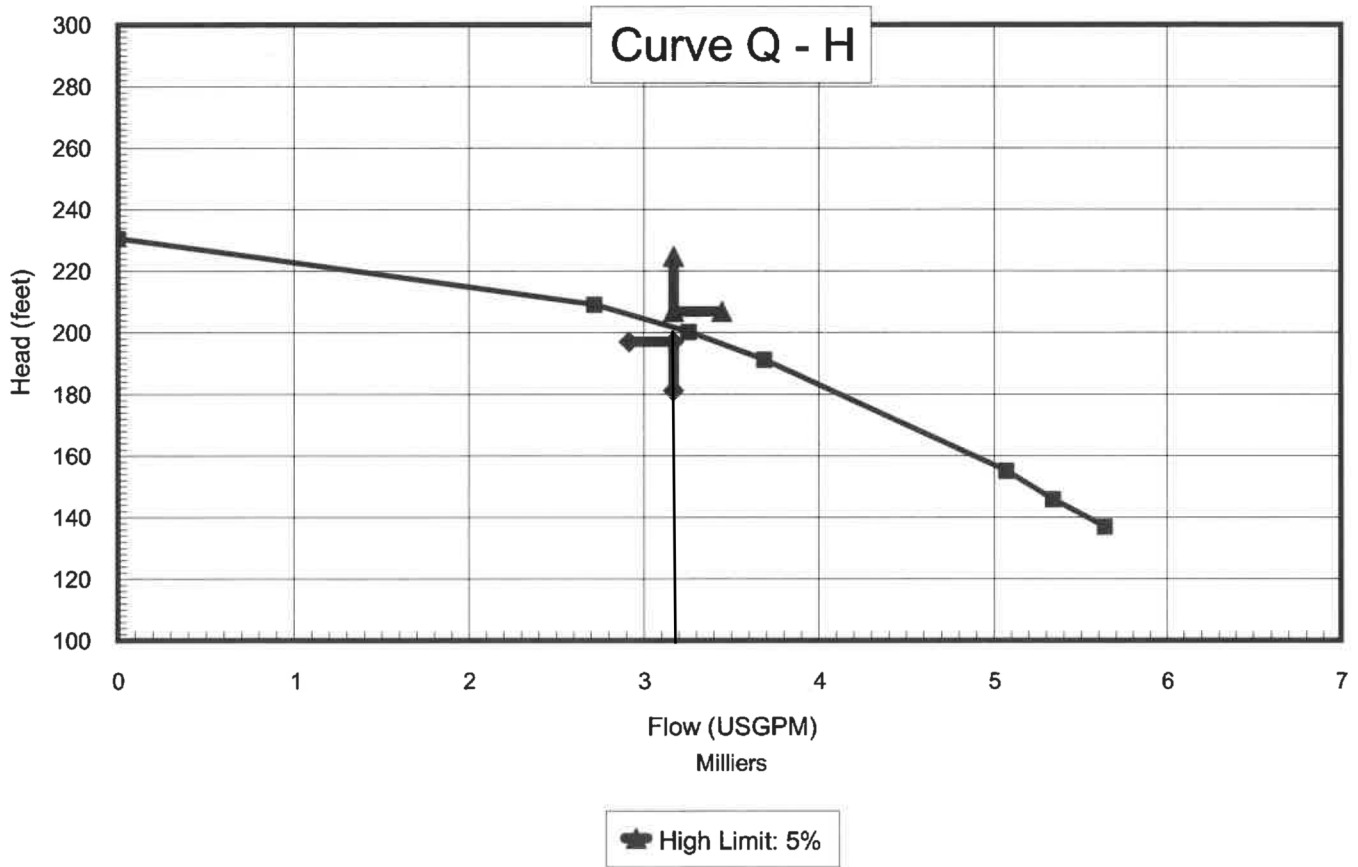
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Tested by: Daniel Poirier

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Date: 12-06-96



Fontainebleue®

POMPE / PUMP

MODÈLE/MODEL		SÉRIE / SERIAL	
20AM-SW31		E96E920	
IMP.	CA25-10	CAP.	3170
DIA.	14.81	PRESS.	197
		BHP	250
DESCR. 951811-011			
H. Fontaine LTÉE LTD		MAGOG, QUE, CANADA (819) 843-3068	

SIEMENS



MODEL NO. 6SE8625-6YV01-Z

SERIAL NO. 6SE86-6-2803-1

INPUT
VOLTS AMPS PHASES HZ