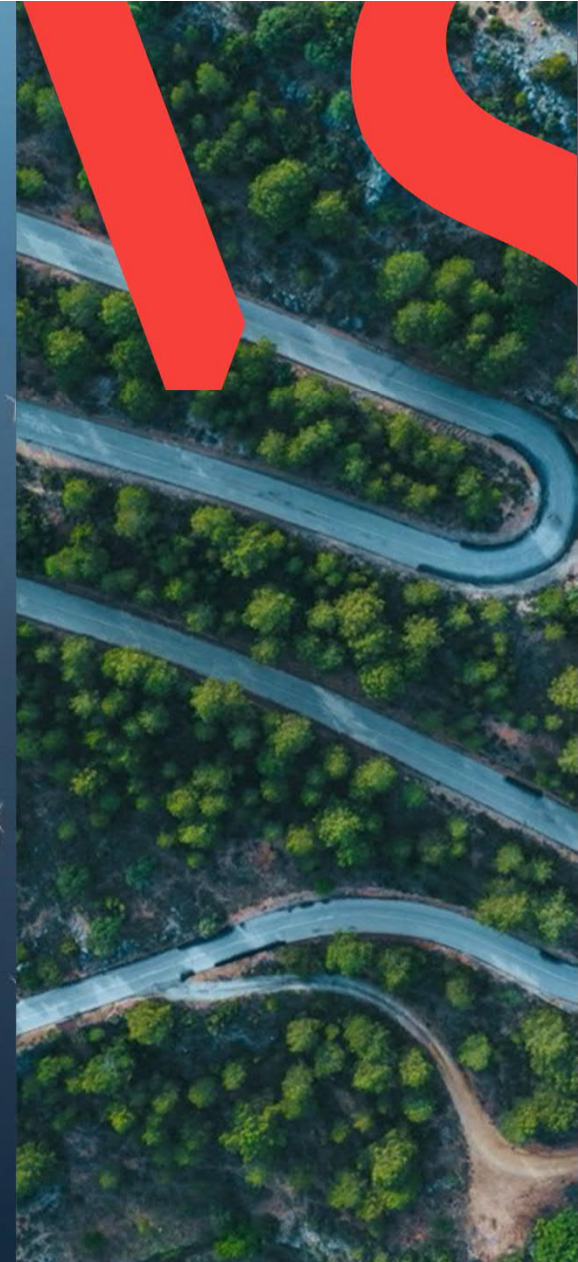


The logo for WSP, consisting of the lowercase letters 'wsp' in a white, sans-serif font.The background of the left half of the slide is a dark blue gradient with a repeating pattern of small, white wind turbine icons. A large, red, abstract shape is overlaid on the right side of this section.

East Gwillimbury Master Plan Update

Public Information Centre

2023/04/26



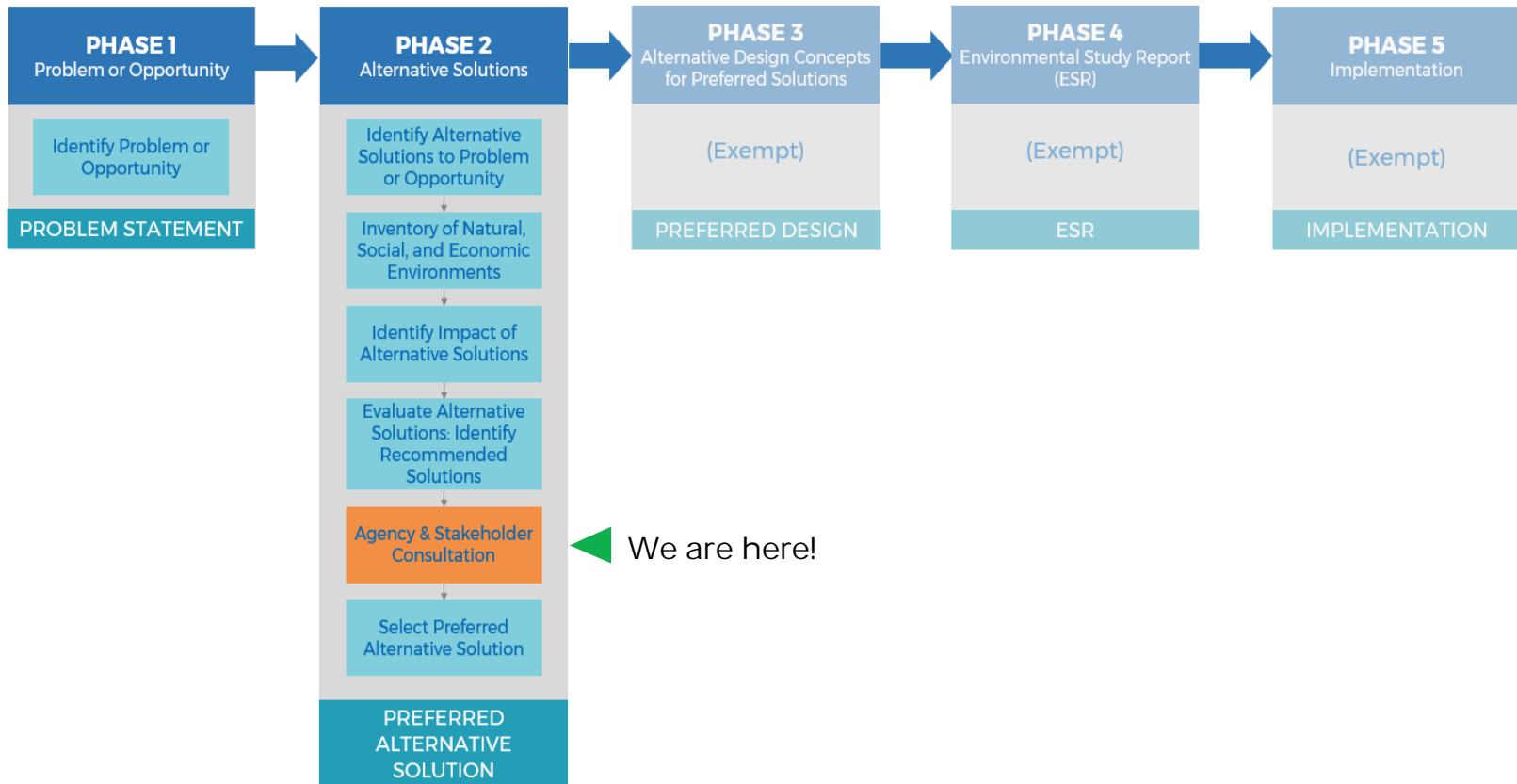
Whitebelt Lands Update

Problem Statement and Project Overview

- ❑ The Town of East Gwillimbury is projected to experience significant population and employment growth over the next 30 years. As a result of this growth, a **safe, efficient, and reliable** source of water and wastewater services will become increasingly important and challenging. The Town's water and wastewater system will need to be expanded as necessary to accommodate this growth.
- ❑ The 2022 Water and Wastewater Master Plan Update will:
 - Update from the draft 2041 water and wastewater recommendations (draft completed in 2019)
 - Provide a 'roadmap' of the water and wastewater infrastructure requirements based on the growth projections to the year 2051 and beyond
 - Accommodate the 70% and 100% Whitebelt Lands intensification
 - Develop a safe, efficient, and reliable source of water and wastewater services

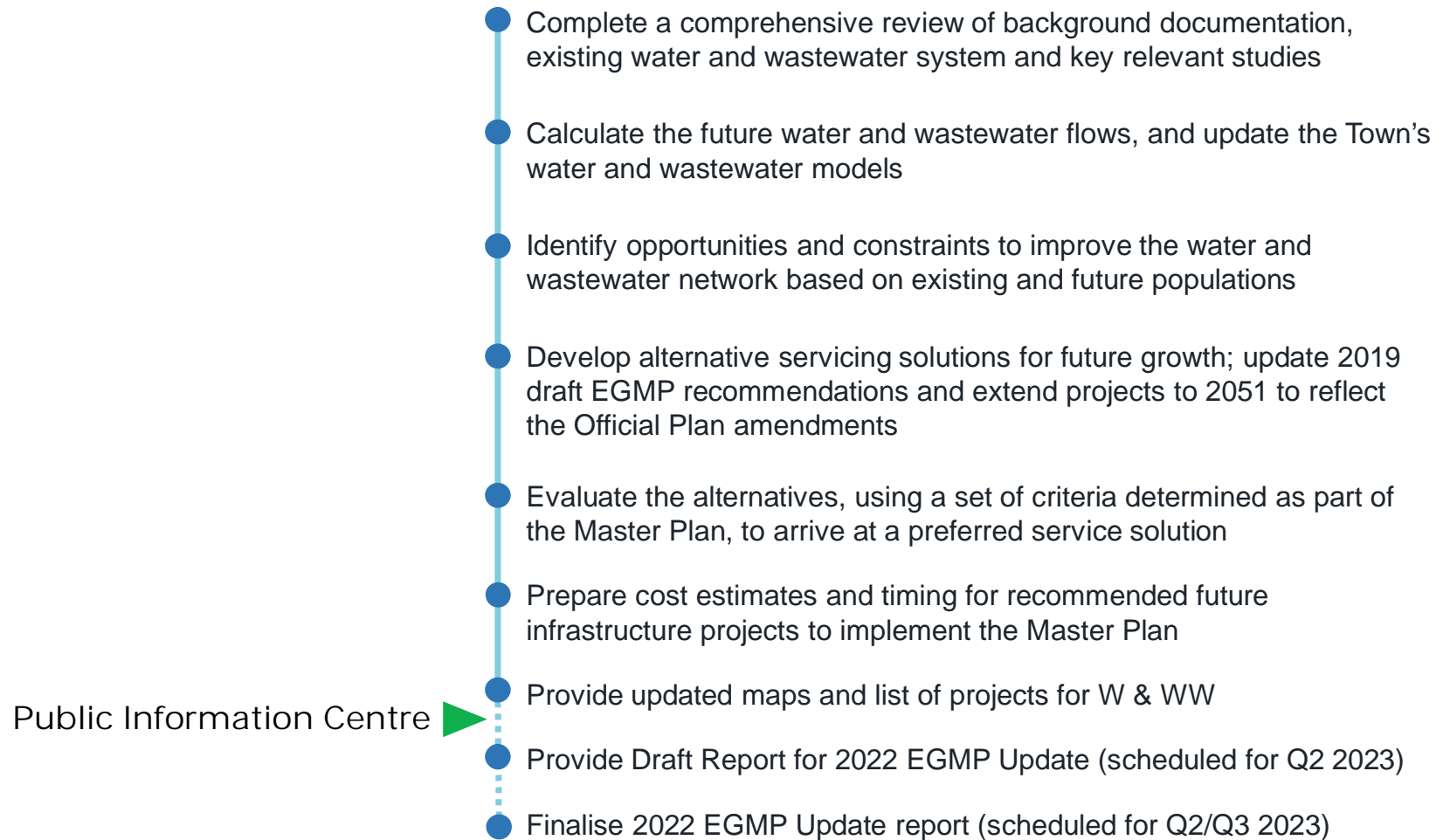
Master Planning Process

☐ Approach # 1 of the Class EA Master Planning process was adopted for the completion of this Master Plan.



◀ We are here!

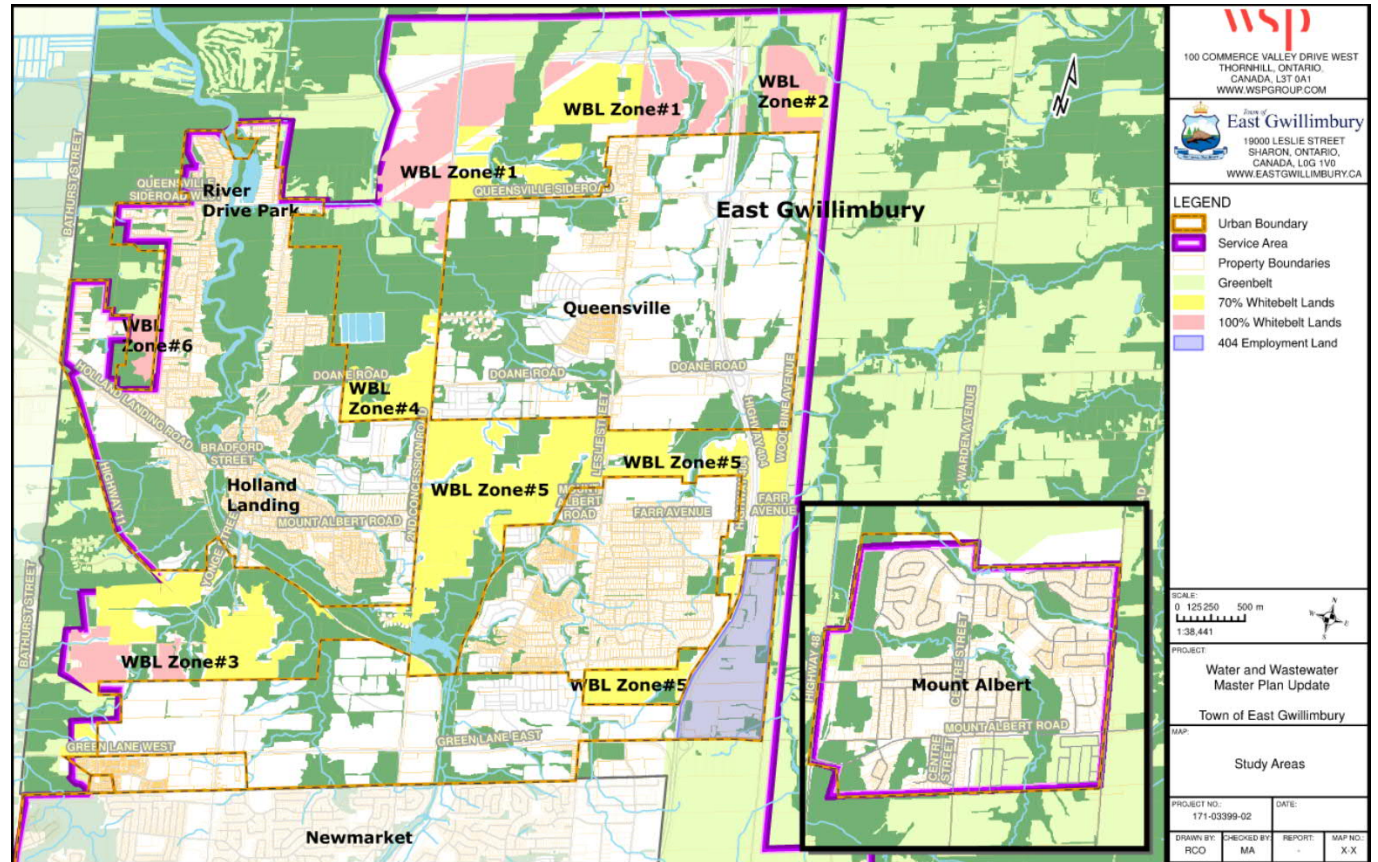
East Gwillimbury Master Plan Update Process



Whitebelt Lands Update

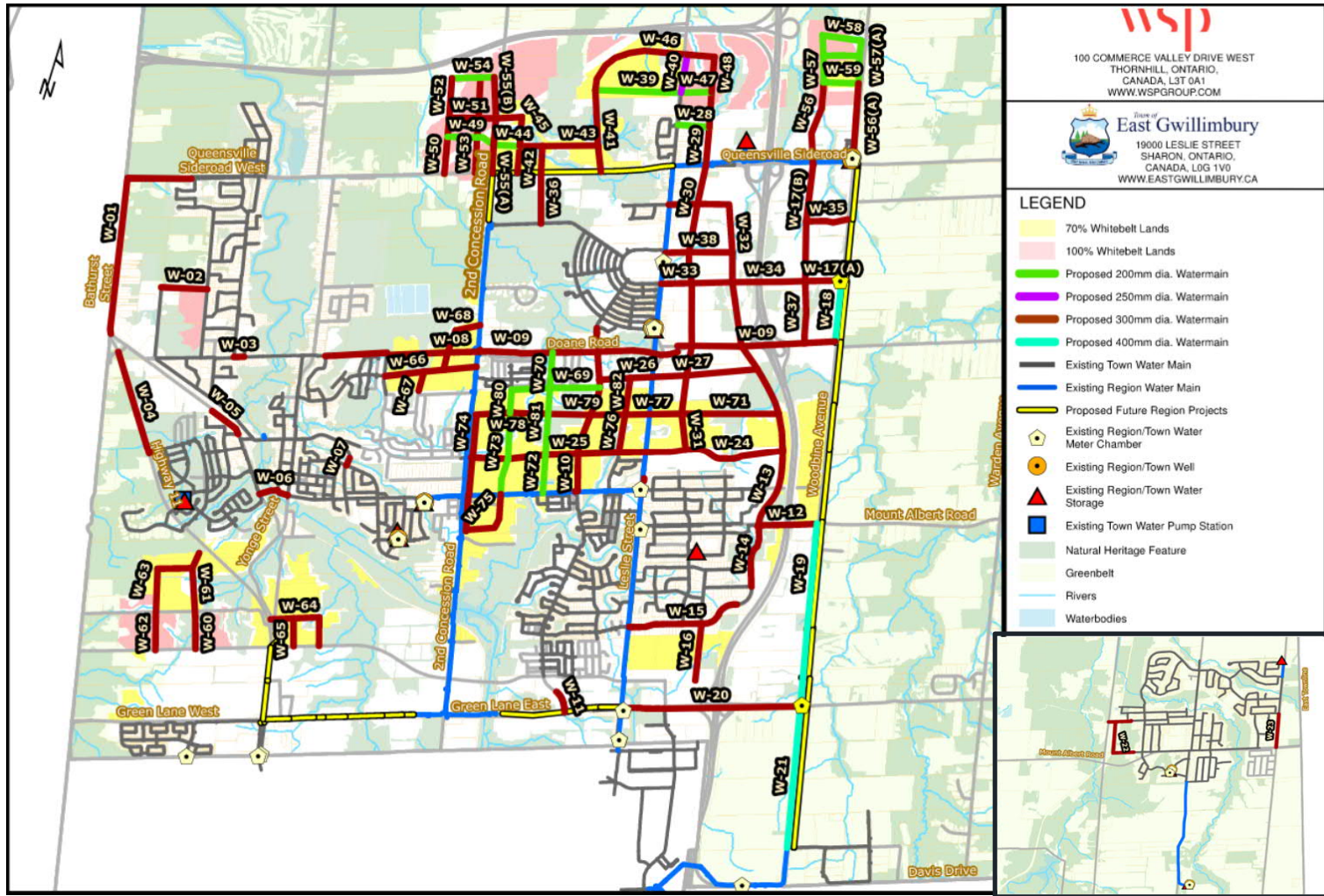
Whitebelt Lands Area

- WSP updated the 2019 Master Plan model by adding the 70% Whitebelt Land (in yellow) and 100% Whitebelt Land (in pink).
- Water and Wastewater Master Plan update was completed in coordination with the Transportation Master Plan.
- Proposed watermains sized based on the worst-case scenario simulation results
- Some piping infrastructure falls within the 100% WBL areas and was considered as part of 70% WBL projects due to the service needs for 70% WBL areas.

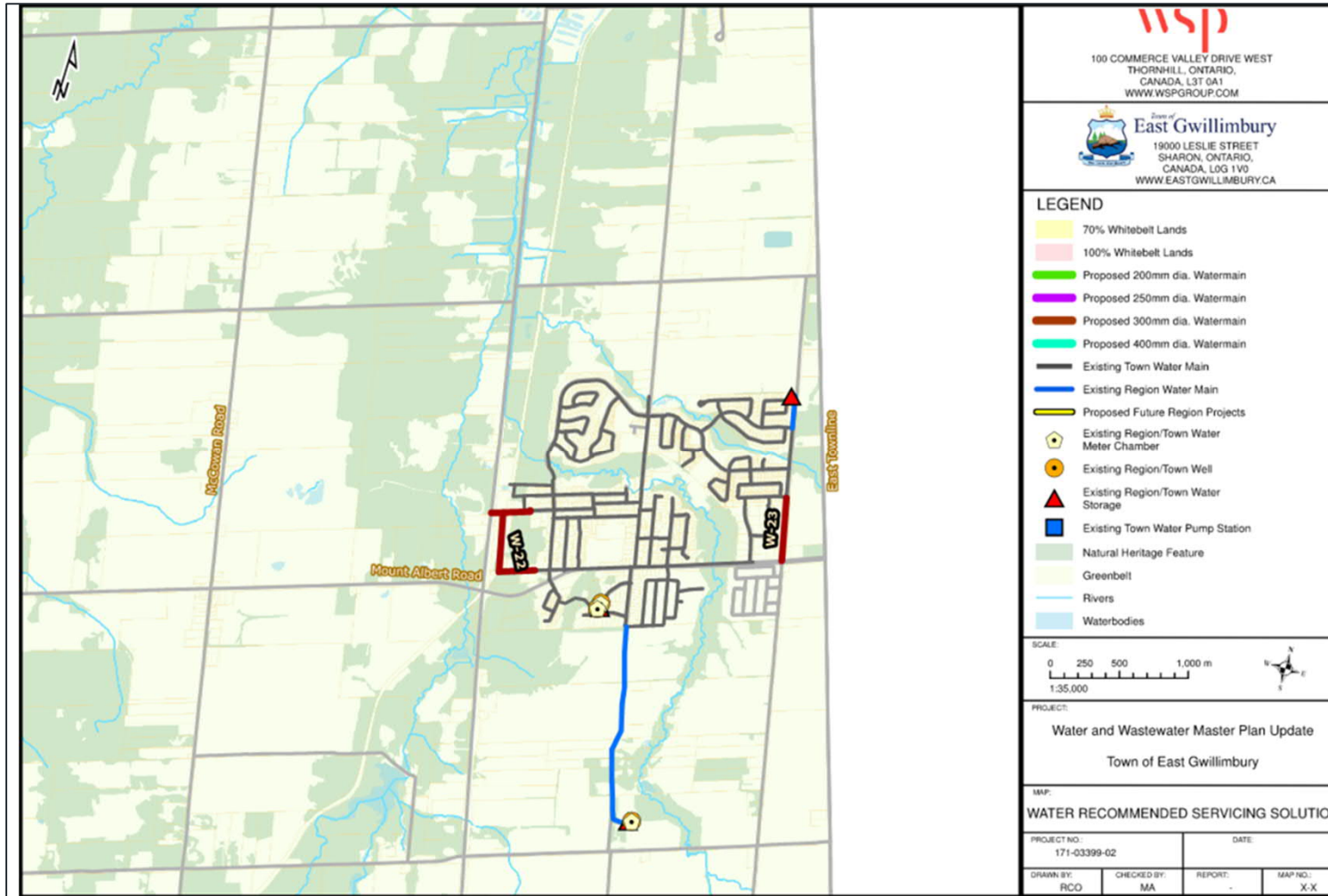


SOURCE	2051 SCENARIOS	POPULATION	EMPLOYMENT
Town of East Gwillimbury Official Plan	70% Whitebelt Lands	127,600	43,800
	100% Whitebelt Lands	140,730	63,068

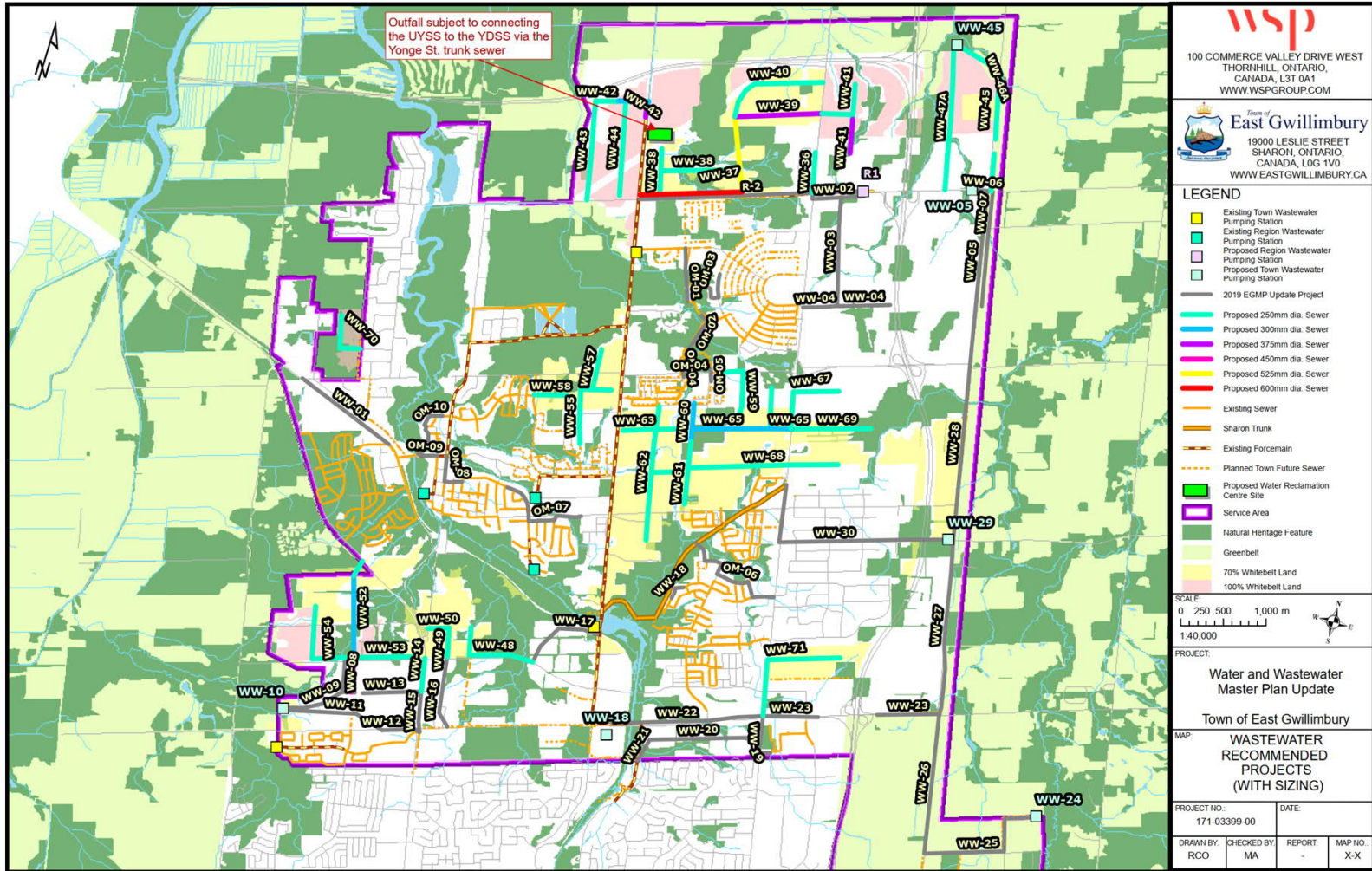
Proposed 2051 Water Network



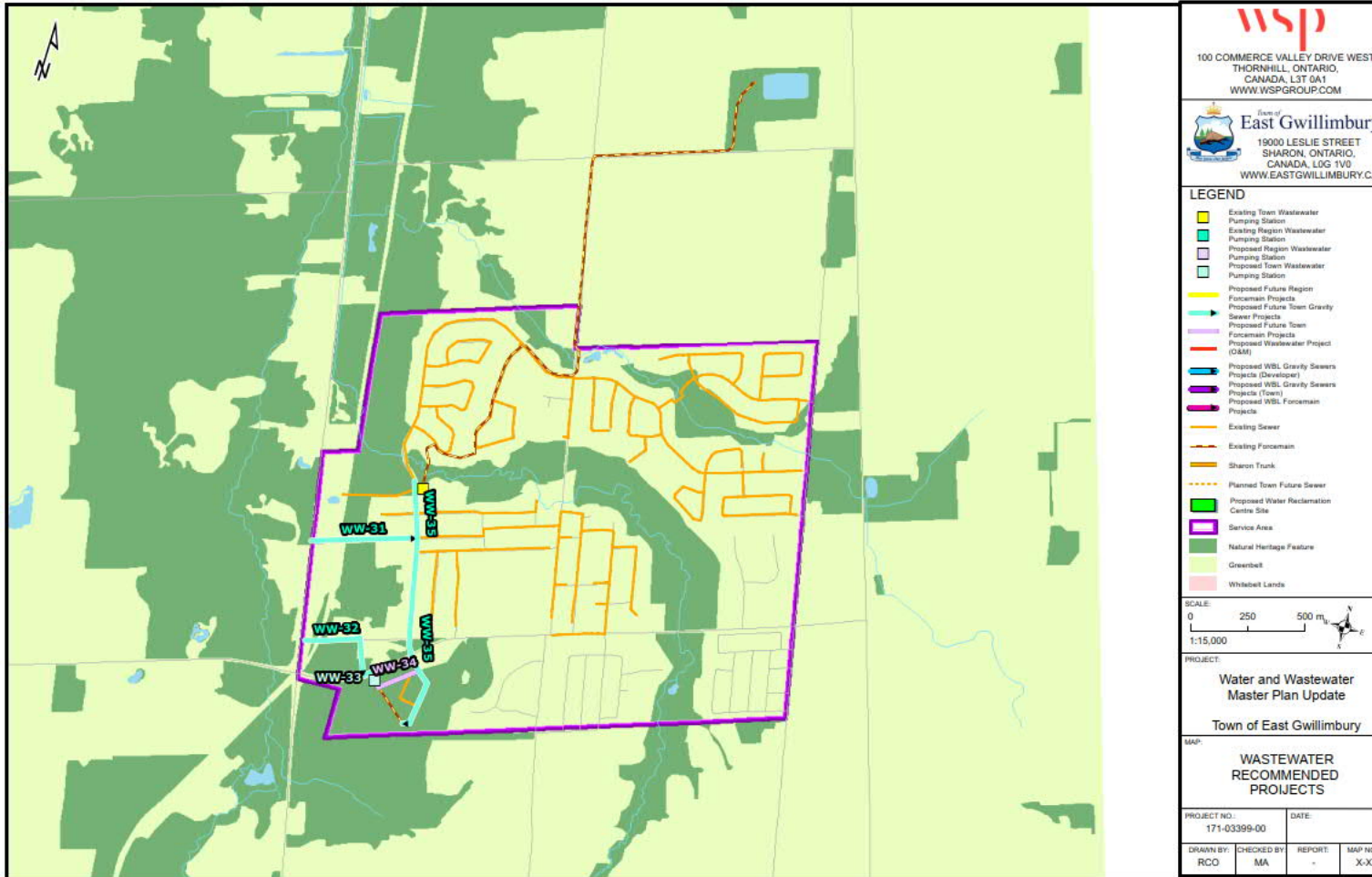
Proposed 2051 Water Network



Proposed 2051 Wastewater Network



Proposed 2051 Wastewater Network



NOTE: Future wastewater projects without black border line were proposed as part of the 2019 Water Master Plan Update

Keep Informed and Get Involved

Please share your thoughts about the East Gwillimbury Master Plan.

For More Information, visit us at: www.eastgwillimbury.ca/en/living-in-eg/town-projects

Contact Us at:

Antoine Lahaie, P.Eng.
Manager, Master Plans
WSP Canada Inc.
100 Commerce Valley Drive West
Thornhill, ON, L3T 0A1
Phone: +1 289-982-4454
Email: Antoine.Lahaie@wsp.com

Ray Wrzala, C.Tech.
Senior Engineering Technologist
Town of East Gwillimbury
19000 Leslie Street
Sharon, Ontario L0G 1V0
Phone: 905-478-4283 ext. 3852
Email: rwrzala@eastgwillimbury.ca

Denny S. Boskovski, C.E.T.
Asset Management and Capital Project
Manager
Town of East Gwillimbury
19000 Leslie Street
Sharon, ON L0G 1V0
Phone: 905-478-4283 ext. 3818
Email: dboskovski@eastgwillimbury.ca





Thank you



wsp.com