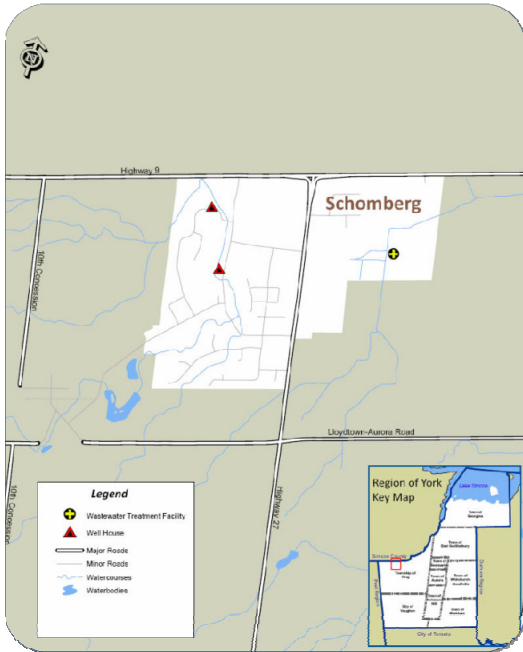
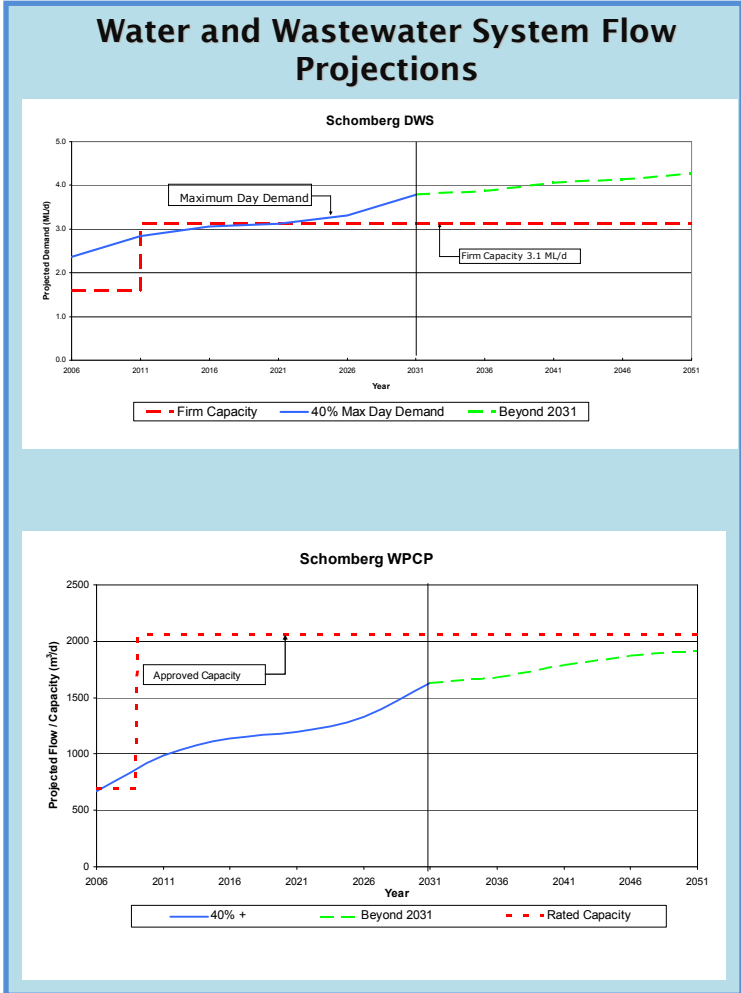


Water and Wastewater Servicing Plan Schomberg



Schomberg Servicing Projects	Total Project Costs	Time Period Required
Water servicing to 2051	\$8,800,000	2011 to 2031
Wastewater servicing to 2051	\$27,400,000	2006 to 2011



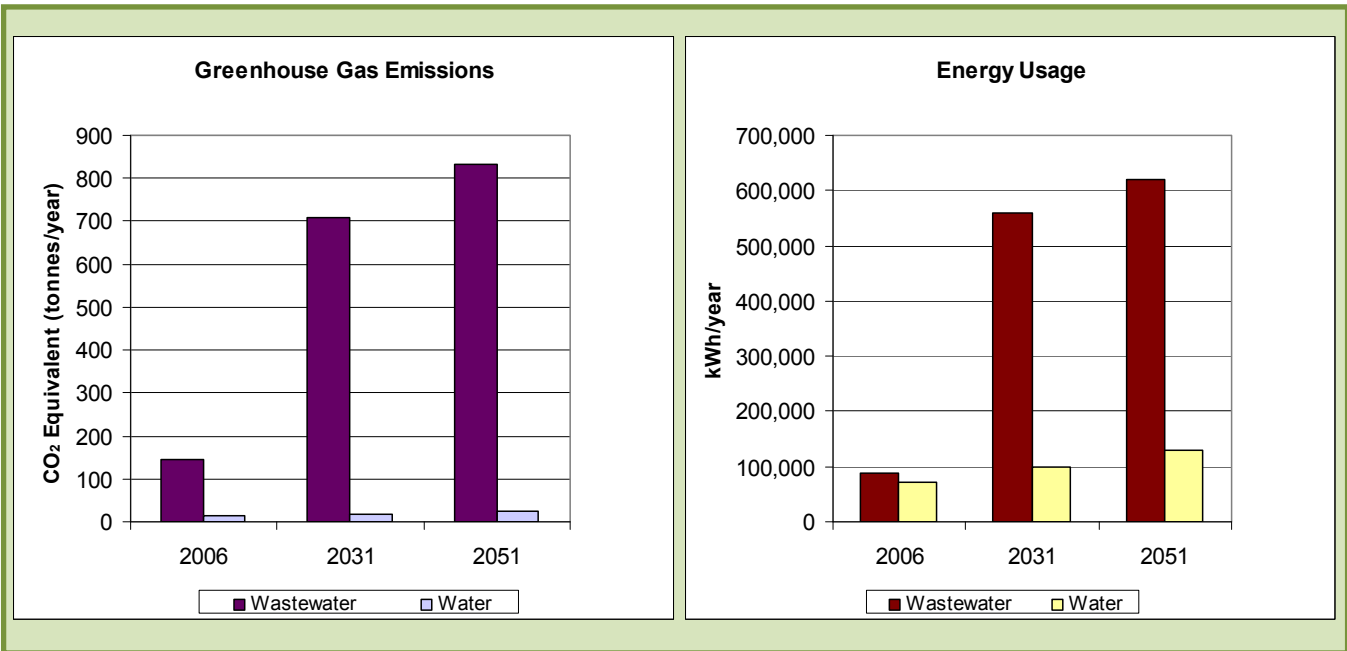
Schomberg WPCP – Current and Projected Maximum Effluent Loadings to Schomberg River (Lake Simcoe)

Year	Average Day Flow (m ³ /d)	cBOD ₅ (kg/year)	TSS (kg/year)	Total P ⁵ (kg/year)	NH ₃ -N (kg/year)
2006	670 ¹	1,300 ²	1,800 ²	40 ²	490 ²
2031	1,600 ³	4,500 ⁴	8,900 ⁴	60 ⁴	920 ⁴
2051	1,900 ³	5,200 ⁴	10,500 ⁴	70 ⁴	1,100 ⁴

Notes:

- Actual 2006 average daily flow.
- Loadings are based on existing effluent limits for lagoon system (2006) and current wastewater flows.
- Projected wastewater flow based on community growth strategy; includes the benefit of current water efficiency strategy.
- Loadings are based on proposed effluent limits for WPCP expansion to be completed in 2009 and projected wastewater flows.
- Plant effluent is limited to an average annual total phosphorus loading of 75 kg/year under the Lake Simcoe Environmental Management Strategy.

Water and Wastewater Servicing Plan Schomberg



Water and Wastewater Servicing Outlook

To 2031

Water

- Water demand currently exceeds the firm well capacity of 1.6 ML/d.
- Additional water supply currently being developed which will increase well capacity to 3.1 ML/d.
- Growth in water demand is expected to exceed the increased well capacity of 3.1 ML/d by about 2031.
- Additional storage facility will be required.

Wastewater

- Growth in wastewater flows is expected to increase by a factor of 2.4 by 2031, which is within capacity of expanded WPCP of 2,055 m³/d.
- The new Lake Simcoe Protection Plan may require additional measures to reduce phosphorous loadings in the future.

Beyond 2031

Water

- A peak demand of 4.26 ML/d is expected by 2051.
- Additional water supply required for system.

Wastewater

- Growth in wastewater flows is expected to increase by a factor of 2.9 by 2051.
- Demand is expected to be within the capacity of the expanded WPCP of 2,055 m³/d until at least 2051.