

September 08, 2022

BY ELECTRONIC MAIL ONLY

Township of Wollaston

90 Wollaston Lake Road
PO Box 99
Coe Hill, Ontario
K0L 1P0
(clerk@wollaston.ca)

Attention: Bernice Crocker
Clerk/Administrator

**Re: Vehicles & Equipment Asset Review
Asset Management Plan Report (Version 2.0)
Greenview File: 128.21.001**

Dear Bernice:

Pursuant to the Federation of Canadian Municipalities (FCM) Municipal Asset Management Program (MAMP) Project Number MAMP-17419 for the Township of Wollaston (Township), this *Vehicle & Equipment Asset Review* (Review) letter report has been prepared to satisfy the requirements of Activity 2c of the FCM MAMP project.

The preparation of this Review was carried out with assistance from the Government of Canada and the FCM. Notwithstanding this support, the views expressed are the personal views of the authors, and the FCM and the Government of Canada accept no responsibility for them.

This Review letter report has been prepared in order to provide an update on the current vehicle and equipment assets managed by the Township, review potential future asset needs, and to update all necessary data to Table 3e – Detailed Summary of Municipal Assets – Vehicles & Equipment of Version 2.0 of the Asset Management Plan Report.

1.0 Update on Current Vehicle and Equipment Assets

Current assets related to vehicles and equipment managed by each operating department of the Township include the following:

1. Equipment – Emergency Measures
2. Equipment – General Government
3. Equipment – Protection Services
4. Equipment – Transportation Services
5. Vehicles – Protection Services
6. Vehicles – Transportation Services

The following sub-sections provide details on each of the Township's vehicle and equipment-related assets.

1.1 Equipment – Emergency Measures

The following details are provided related to equipment assets of the Township's *Emergency Measures* operating

department. Additional detailed asset information is included on Table 3e – Detailed Summary of Municipal Assets Vehicles & Equipment (attached):

| Asset ID | Asset Name | Projected Replacement or Upgrade Year | Replacement and/or Upgrade Cost | Condition Rating | Additional Information |
|----------|-------------------------|---------------------------------------|---------------------------------|------------------|--|
| E1 | Generator – JEPP Funded | 2026 | \$30,000 | Good | Maintenance completed in 2022 to address issues with batteries. Weekly maintenance recommended. Evaluate upgrades/replacement in 2026. |

As part of the review process related to Version 2.0 of the Asset Management Plan Report, there were no deleted/surplused assets from the *Emergency Measures* operating department.

1.2 Equipment – General Government

The following details are provided related to equipment assets of the Township’s *General Government* operating department. Additional detailed asset information is included on Table 3e – Detailed Summary of Municipal Assets Vehicles & Equipment (attached):

| Asset ID | Asset Name | Projected Replacement or Upgrade Year | Replacement and/or Upgrade Cost | Condition Rating | Additional Information |
|----------|------------------------------|---------------------------------------|---------------------------------|------------------|---|
| E2 | Office Furniture | 2031 | \$20,000 | Fair | Furniture previously used in Council Chambers, now repurposed for Municipal Office & Roads Department Office. |
| E26 | Lenovo Laptops | 2025 | \$8,000 | Good | Purchased new in 2020 for General Government staff use. Recommended for upgrades every 4-5 years. |
| E27 | Kyocera Ta555lci Photocopier | 2026 | \$6,000 | Good | Purchased in refurbished state in 2021. |
| E28 | Phone System | 2028 | \$7,000 | Good | 2021 transition from traditional Bell Telephone lines to VOIP telephone system. System includes 5x new handsets (Avaya 9504) and singular conference room phone (Avaya B179). |
| E29 | Office Furniture | 2028 | \$6,000 | Good | New furniture etc. purchased in 2021 for Council Chambers. |
| E30 | Council Chambers TV | 2026 | \$4,000 | Good | New TV for Council Chambers in 2021. |

As part of the review process related to Version 2.0 of the Asset Management Plan Report, the following assets were deleted/surplused from the *General Government* operating department:

1. Asset ID E3 – Computers
2. Asset ID E4 – Bizhub C308 Copier

The computers associated with Asset ID E3 were originally purchased in 2011, and had reached the end of their asset life expectancy. The Asset ID E3 computers were effectively replaced with new Lenovo Laptops (Asset ID E26).

Similarly, the Bizhub C308 Copier (Asset ID E4) had reached the end of its asset life expectancy, and was replaced with the Kyocera Ta555lci Photocopier (Asset ID E27).

1.3 Equipment – Protection Services

The following details are provided related to equipment assets of the Township’s *Protection Services* operating department. Additional detailed asset information is included on Table 3e – Detailed Summary of Municipal Assets Vehicles & Equipment (attached):

| Asset ID | Asset Name | Projected Replacement or Upgrade Year | Replacement and/or Upgrade Cost | Condition Rating | Additional Information |
|----------|---|---------------------------------------|---------------------------------|------------------|---|
| E5 | SCBA Compressor & Filling Station | 2043 | \$60,000 | Good | Used to fill SCBA tanks. 6,000 psi, single-phase. |
| E6 | SCBA Gear (2x) | 2028 | \$15,000 | Good | 2 units, re-certify every year. Includes SCBA gear (unit price = ~ \$7,000 each) & face pieces (unit price = \$325 each). |
| E7 | SCBA Tanks (6x) | 2028 | \$9,000 | Good | New fibreglass 4500 psi tanks. Unit price = ~ \$1,025 each. Certified every 5 years. |
| E10 | Bunker Gear (20x) | 2029 | \$50,000 | Fair | Personal Protection Equipment (PPE). Proposed replacement schedule = 2x per year @ ~ \$2,500 per unit for a total of twenty (20) units. |
| E40 | Wajax Pump | 2031 | \$5,000 | Fair | Replaced entry for <i>E11 – Portable Pumps</i> from Version 1.0 of Asset Management Plan, in order to provide additional clarity relative to type of pump. 2-stroke engine. |
| E41 | Wajax Pump | 2029 | \$5,000 | Fair | |
| E42 | Volume Pump (Honda) | 2035 | \$7,000 | Fair | Replaced entry for <i>E11 – Portable Pumps</i> from Version 1.0 of Asset Management Plan, in order to provide additional clarity relative to type of pump. 4-stroke engine. |
| E43 | Volume Pump | 2024 | \$7,000 | Fair | |
| E31 | Portable Pumps: Fuel Tank Suction Adaptor | 2029 | \$7,000 | Good | Purchased new in 2019. Specialized adaptor for portable pumps. |
| E32 | Bunker Equipment | 2029 | \$6,000 | Good | Purchased new in 2019. 2x units of Bunker Equipment. |
| E36 | 12000 Honda Generator | 2032 | \$7,000 | Good | Large generator stored in Fire Hall. Used infrequently. |

As part of the review process related to Version 2.0 of the Asset Management Plan Report, the following assets were deleted/surplused from the *Protection Services* operating department:

1. Asset ID E8 – SCBA Gear (8x)
2. Asset ID E9 – SCBA Tanks (20x)

The SCBA Gear and Tanks associated with Asset IDs E8 and E9 were understood to have been purchased in approximately 1995, and had reached the end of their asset life expectancy.

Additionally, as part of the review process for Version 2.0 of the Asset Management Plan Report, Asset ID E11 – Portable Pumps was deleted and replaced with four (4) separate Asset IDs, in order to better represent and describe the independent assets. These assets include Asset IDs E40 and E41 (Wajax Pumps) and Asset IDs E42 and E43 (Volume Pump [Honda] and a generic Volume Pump). The approximate years of purchase of these pumps were also identified to assist with the replacement/upgrade schedule for the assets.

1.4 Equipment – Recreation Services

The following details are provided related to equipment assets of the Township's *Recreation Services* operating department. Additional detailed asset information is included on Table 3e – Detailed Summary of Municipal Assets Vehicles & Equipment (attached):

| Asset ID | Asset Name | Projected Replacement or Upgrade Year | Replacement and/or Upgrade Cost | Condition Rating | Additional Information |
|----------|----------------------|---------------------------------------|---------------------------------|------------------|---|
| E12 | Playground Equipment | 2027 | \$50,000 | Good | Reassess condition of playground equipment before 2027. |

As part of the review process related to Version 2.0 of the Asset Management Plan Report, it was understood that

Asset ID E13 – Mitsubishi MGE6700 13 kw Portable Generator had reached the end of its asset life expectancy and was replaced with Asset ID E45 – 2200 Honda Inverter Generator in 2022. The new 2200 Honda Inverter Generator was also transferred for use in the *Transportation Services* operating department (Section 1.5; below).

1.5 Equipment – Transportation Services

The following details are provided related to equipment assets of the Township’s *Transportation Services* operating department. Additional detailed asset information is included on Table 3e – Detailed Summary of Municipal Assets Vehicles & Equipment (attached):

| Asset ID | Asset Name | Projected Replacement or Upgrade Year | Replacement and/or Upgrade Cost | Condition Rating | Additional Information |
|----------|--------------------------------------|---------------------------------------|---------------------------------|------------------|--|
| E45 | 2200 Honda Inverter Generator | 2037 | \$2,000 | Good | Replaced Mitsubishi generator in 2022. New (Version 2.0 of Asset Management Plan). |
| E14 | Streetlights (Ornamental) | 2039 | \$100,000 | Good | Assumes ~ \$3,000 replacement value per streetlight. Thirty-one (31) units located Downtown Coe Hill on Highway 620 only. |
| E15 | Streetlights (Regular) | 2039 | \$48,000 | Good | Assumes ~ \$3,000 replacement value per streetlight. Sixteen (16) located in Wollaston, including 1x South Road, 3x Lower Faraday Road, 1x Ormsby intersection, 1x Ridge Road, 1x Public Beach, 1x Public Boat Launch, 6x Wollaston Lake Road, 2x Norman Lane. |
| E18 | The Grizzly (salt screener) | 2029 | \$20,000 | Good | Screens salt for use on municipal roads in winter. |
| E19 | Pavement Edger | 2032 | \$12,000 | Good | Used for application of gravel or cold mix asphalt to road shoulders. |
| E20 | John Deere Grader | 2032 | \$440,000 | Good | Average approx. 500 hours of use per year. |
| E21 | 2007 Komatsu Loader | 2025 | \$250,000 | Fair | Purchased used in 2018. |
| E22 | 2017 Kubota BX1880 Tractor | 2026 | \$15,000 | Good | Used for Parks and Recreation-related work. |
| E23 | Culvert Steamer | 2024 | \$15,000 | Fair | Used in winter to defrost culverts (and similar infrastructure). |
| E24 | Joy D150S1 Portable Compressor | 2028 | \$25,000 | Poor | Portable unit used for drilling into rock. Used infrequently. |
| E25 | Water Tank (2,800 gallon) | 2026 | \$25,000 | Fair | 2,800-gallon water tank used with a Tandem truck to apply water to roads. Used for ~ 1 month in spring, and/or as required for grading purposes, etc. |
| E33 | Radar Driver Feedback Sign | 2031 | \$4,000 | Good | New (Version 2.0 of Asset Management Plan). 1x unit purchased each year, in 2020, 2021, and 2022. |
| E38 | Radar Driver Feedback Sign | 2032 | \$4,000 | Good | |
| E39 | Radar Driver Feedback Sign | 2030 | \$4,000 | Good | |
| E34 | Emergency Traffic Signage Trailer | 2031 | \$5,000 | Good | New (Version 2.0 of Asset Management Plan). |
| E35 | 2022 John Deere 310SL Loader Backhoe | 2037 | \$250,000 | Good | New (Version 2.0 of Asset Management Plan) |
| E37 | Electronic Message Board | 2032 | \$25,000 | Good | New (Version 2.0 of Asset Management Plan). Roadside displays messages, traffic volume, speeds etc. |

As part of the review process related to Version 2.0 of the Asset Management Plan Report, the following assets were deleted/surplused from the *Transportation Services* operating department:

1. Asset ID E16 – Backhoe – Volvo BL70
2. Asset ID E17 – Case Loader

The Volvo BL70 Backhoe and Case Loader associated with Asset IDs E16 and E17 were understood to have reached the end of their asset life expectancy. The Volvo BL70 Backhoe was replaced in 2022 with a new 2022 John Deere 310SL Loader Backhoe (Asset ID E35). The Volvo BL70 Backhoe is intended to be sold in 2022, whereas the Case Loader was seldom used and had already been replaced as part of *Transportation Services* operations with the 2007 Komatsu Loader (Asset ID E21).

1.6 Vehicles – Protection Services

The following details are provided related to vehicle assets of the Township’s *Protection Services* operating department. Additional detailed asset information is included on Table 3e – Detailed Summary of Municipal Assets Vehicles & Equipment (attached):

| Asset ID | Asset Name | Projected Replacement or Upgrade Year | Replacement and/or Upgrade Cost | Condition Rating | Additional Information |
|----------|------------------------------------|---------------------------------------|---------------------------------|------------------|---|
| V2 | 1993 Pemfab Pumper Truck | 2025 | \$550,000 | Fair | Proposed to be replaced with Mini-Pumper truck. Passed most recent pump test. |
| V3 | 1989 Ford F350XLT Rescue Truck | 2015 | \$250,000 | Poor | Proposed to be replaced with an Ambulance-style rescue vehicle. |
| V4 | International Tanker Truck | 2023 | \$400,000 | Fair | Proposed to be replaced with a poly-tank 3500-gallon tanker truck. |
| V9 | 2000 Freightliner FL80 Fire Tanker | 2023 | \$450,000 | Good | New (Version 2.0 of Asset Management Plan). Purchased used in 2020 from Callander Ontario (Aug27-20). Vin #: 1FV6JLCB5YHG78642. |

As part of the review process related to Version 2.0 of the Asset Management Plan Report, the following assets were deleted/surplused from the *Protection Services* operating department:

1. Asset ID V1 – 1982 International S1900 Tanker Truck

The 1982 International S1900 Tanker Truck associated with Asset ID V1 was understood to have reached the end of its asset life expectancy, and was replaced with Asset ID V9 – 2000 Freightliner FL80 Fire Tank.

1.7 Vehicles – Transportation Services

The following details are provided related to vehicle assets of the Township’s *Transportation Services* operating department. Additional detailed asset information is included on Table 3e – Detailed Summary of Municipal Assets Vehicles & Equipment (attached):

| Asset ID | Asset Name | Projected Replacement or Upgrade Year | Replacement and/or Upgrade Cost | Condition Rating | Additional Information |
|----------|---|---------------------------------------|---------------------------------|------------------|---|
| V6 | 2010 Mack GU713 Tandem Truck | 2024 | \$350,000 | Good | Highway/road maintenance. Intended to be replaced by 2024. Multiple year wait for new tandem trucks expected. |
| V7 | 2016 Western Star 4700 Tandem Truck | 2027 | \$350,000 | Good | Highway/road maintenance. |
| V8 | 2018 Ford F250 Super Duty - 1FT7X2B65JEB45045 | 2022 | \$100,000 | Good | Used by primarily by Roads Superintendent. Planned to be replaced with Diesel truck equivalent, with life expectancy at ~ 5 years. Includes cost for plow and related equipment package. Township issuing tender for replacement in 2022. |

As part of the review process related to Version 2.0 of the Asset Management Plan, the following assets were deleted/surplused from the *Transportation Services* operating department:

1. Asset ID V5 – 2006 International 7600 Tandem Truck

The 2006 International 7600 Tandem Truck associated with Asset ID V5 was understood to have reached the end of its asset life expectancy, and was replaced with a leased tandem truck.

2.0 General Review of Future Asset Needs

Given the estimated total replacement and/or upgrade costs for the Township's equipment and vehicles across all operating departments of approximately \$4,003,000, the largest future asset replacement costs are interpreted to be associated with *Protection Services* vehicles, and *Transportation Services* vehicles and large equipment, with an anticipated replacement cost of approximately \$3,140,000 (Asset IDs E20, E21, V2, V3, V4, V6, V7, V8, & V9).

In the short-term planning horizon, the Township's anticipated most significant asset-related issue is the replacement of its aging fleet of *Protection Services* vehicles, including the following:

1. Asset ID V2 – 1993 Pemfab Pumper Truck = ~ \$550,000
2. Asset ID V3 – 1989 Ford F350XLT Rescue Truck = ~ \$250,000
3. Asset ID V4 – International Tanker Truck = ~ \$400,000
4. Asset ID V9 – 2000 Freightliner FL80 Fire Tanker = ~ \$450,000

The total replacement cost for *Protection Services* vehicles, understood to require replacement between 2022 and 2025, is estimated at approximately \$1,650,000.

Similarly, some of the Township's *Transportation Services* vehicles will require replacement between 2022 and 2027, at an estimated total replacement cost of approximately \$800,000, and includes the following:

1. Asset ID V6 – 2010 Mack GU713 Tandem Truck = ~ \$350,000
2. Asset ID V7 – 2016 Western Star 4700 Tandem Truck = ~ \$350,000
3. Asset ID V8 – 2018 Ford F250 Super Duty = ~ \$100,000

It is understood that as of the preparation of this review that the Township has initiated a tendering process for a replacement truck for the 2018 Ford F250 Super Duty (Asset ID V8); however, given current issues with the global supply chain and the low inventory of trucks available for purchase, the replacement of the 2018 Ford F250 Super Duty is anticipated to extend into 2023.

With respect to the replacement of the tandem trucks associated with Asset IDs V6 and V7 (as above), it is anticipated that the Township will explore the potential of leasing new tandem trucks as opposed to purchasing replacements. Additionally, it is the Township's understanding that there is currently a two (2) to three (3) year wait for delivery of any new tandem trucks due to supply and demand issues.

The two (2) large equipment assets for *Transportation Services*, with an estimated replacement value in future of approximately \$690,000, are noted to represent a significant replacement cost in the short-term and long-term planning horizon. These *Transportation Services* large equipment assets include the following:

1. Asset ID E20 – John Deere Grader = ~ \$440,000
2. Asset ID E21 – 2007 Komatsu Loader = ~ \$250,000

The John Deere Grader is not anticipated to require replacement until approximately 2032; and therefore should be considered under the long-term planning horizon; however given its anticipated high cost of replacement (\$440,000), it is recommended to be monitored closely over the next ten (10) years of use.

The 2007 Komatsu Loader was purchased used in 2018, and therefore the asset had already experienced a decade of use prior to purchase by the Township. It is anticipated that replacement of the loader will be required by 2025, and given its anticipated replacement value of approximate \$250,000, the condition of the loader should be closely monitored over the next three (3) years.

In a general sense, the biggest challenge for the Township in the short-term planning horizon is maintaining and replacing its aging fleet of *Protection Services* vehicles in order to maintain the current high level of service expected by the Township's ratepayers. The replacement of *Transportation Services* related vehicles and equipment assets are also of significance; however, the pathways to potential replacement of these assets are better defined and are understood to include additional options from an asset management perspective (i.e. leasing of tandem trucks, etc.).

3.0 Updates to Asset Management Planning Tables for Vehicles and Equipment

Updates to Table 3e – Detailed Summary of Municipal Assets – Vehicles & Equipment have been completed as part of this Vehicle & Equipment Asset Review and is included as an attachment. Table 3e is also included as part of Version 2.0 of the Asset Management Plan Report for the Township.

4.0 Closing

This Vehicle & Equipment Asset Review (and accompanying table) have been prepared in order to satisfy the requirements of Activity 2c of the FCM MAMP Project Number MAMP-17419 for the Township of Wollaston.

This report and its details are subject to the attached Statement of Qualifications and Limitations.

All respectfully submitted by,

Greenview Environmental Management Limited



Dan Hagan, P.Geol.

Senior Project Manager / Geologist

Attachments: Table 3e – Detailed Summary of Municipal Assets (Vehicles & Equipment)
Greenview Environmental Management Statement of Service Conditions & Limitations



Table 3a
Detailed Summary of Municipal Assets - Vehicles & Equipment
Asset Management Planning Tables
Township of Wollaston
128.21.003

| Asset ID | Asset Name ¹ | Detailed Asset Description (Equipment / Vehicle) ¹ | Operating Department ¹ | Address | UTM Coordinates | | | Year In Service or Last Upgrade Year ¹ | Asset Life Expectancy (years) ¹ | Projected Replacement or Upgrade Year | Tangible Capital Asset Report Financials | | | | Replacement and/or Upgrade Cost ^{1,2} | Condition Rating (good / fair / poor) ² | Current Level of Service (5 = high / 1 = low) | Additional Information (identify repair/rehabilitation requirements, maintenance needs, specific cost breakdown, etc.) |
|----------|--|---|-----------------------------------|------------------------|--------------------------------------|----------|---------|---|--|---------------------------------------|---|--|----------------------------------|---|--|--|---|--|
| | | | | | Zone | Northing | Easting | | | | Original Value (2021 Starting Balance) ¹ | Accumulated Amortization (2021) ¹ | Additions and Betterments (2021) | Ending Value (2021 Net Book Value) ¹ | | | | |
| E1 | Generator - JEPP funded | Equipment | Emergency Measures | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2011 | 15 | 2026 | \$ 24,672 | \$ 24,672 | \$ - | \$ - | \$ 30,000 | Good | 5 | Maintenance completed in 2022. Evaluate upgrades/replacement in 2026. |
| E2 | Office Furniture | Equipment | General Government | 90 Wollaston Lake Road | 18 T | 4971124 | 276128 | 2006 | 25 | 2031 | \$ 14,184 | \$ 14,184 | \$ - | \$ - | \$ 20,000 | Fair | 4 | Furniture currently used in Municipal Office and in Roads Department (formerly used in Council Chambers). |
| E26 | Lenovo Laptops | Equipment | General Government | 90 Wollaston Lake Road | 18 T | 4971124 | 276128 | 2020 | 5 | 2025 | \$ 6,991 | \$ 2,796 | \$ - | \$ 4,195 | \$ 8,000 | Good | 4 | New (Version 2.0 of Asset Management Plan). Purchased for General Government staff use. Recommended for upgrades every 4-5 years. |
| E27 | Kyocera Ta555lci Photocopier | Equipment | General Government | 90 Wollaston Lake Road | 18 T | 4971124 | 276128 | 2021 | 5 | 2026 | \$ - | \$ 996 | \$ 4,981 | \$ 3,985 | \$ 6,000 | Good | 4 | New (Version 2.0 of Asset Management Plan). Refurbished unit. |
| E28 | Phone System | Equipment | General Government | 90 Wollaston Lake Road | 18 T | 4971124 | 276128 | 2021 | 7 | 2028 | \$ - | \$ 1,272 | \$ 6,360 | \$ 5,088 | \$ 7,000 | Good | 4 | New (Version 2.0 of Asset Management Plan). 2021 transition from traditional Bell Telephone line to VOIP telephone system. System included 5x new handsets (Avaya 9504) and singular conference room phone (Avaya B179). |
| E29 | Office Furniture | Equipment | General Government | 90 Wollaston Lake Road | 18 T | 4971124 | 276128 | 2021 | 7 | 2028 | \$ - | \$ 786 | \$ 5,499 | \$ 4,714 | \$ 6,000 | Good | 4 | New (Version 2.0 of Asset Management Plan). New furniture etc. for Council Chambers. |
| E30 | Council Chambers TV | Equipment | General Government | 90 Wollaston Lake Road | 18 T | 4971124 | 276128 | 2021 | 5 | 2026 | \$ - | \$ 754 | \$ 3,768 | \$ 3,015 | \$ 4,000 | Good | 4 | New (Version 2.0 of Asset Management Plan). New TV for Council Chambers. |
| E5 | SCBA Compressor & Filling Station | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2018 | 25 | 2043 | \$ 45,897 | \$ 18,359 | \$ - | \$ 27,538 | \$ 60,000 | Good | 5 | Used to fill SCBA tanks. 6000 psi, Single Phase. |
| E6 | SCBA Gear (2x) | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2018 | 10 | 2028 | \$ 10,048 | \$ - | \$ - | \$ 10,048 | \$ 15,000 | Good | 5 | 2 units, re-certify every year. Includes SCBA gear (unit price = \$7,000 each) & face pieces (unit price = \$325 each). |
| E7 | SCBA Tanks (6x) | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2018 | 10 | 2028 | \$ 6,150 | \$ - | \$ - | \$ 6,150 | \$ 9,000 | Good | 5 | New fibreglass 4500 psi tanks. Unit price = \$1,025 each. Certified every 5 years. |
| E10 | Bunker Gear (20x) | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | various | 10 | 2029 | \$ - | \$ - | \$ - | \$ - | \$ 50,000 | Fair | 5 | Personal Protection Equipment (PPE). Proposed replacement schedule = 2x per year for a total of twenty (20) units. |
| E40 | Wajax Pump | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2021 | 10 | 2031 | \$ - | \$ - | \$ - | \$ - | \$ 5,000 | Fair | 5 | Replaced entry for E11 – Portable Pumps from Version 1.0 of Asset Management Plan, in order to provide additional clarity relative to type of pump. 2-stroke engine. |
| E41 | Wajax Pump | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2019 | 10 | 2029 | \$ - | \$ - | \$ - | \$ - | \$ 5,000 | Fair | 5 | Replaced entry for E11 – Portable Pumps from Version 1.0 of Asset Management Plan, in order to provide additional clarity relative to type of pump. 2-stroke engine. |
| E42 | Volume Pump (Honda) | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2015 | 20 | 2035 | \$ - | \$ - | \$ - | \$ - | \$ 7,000 | Fair | 5 | Replaced entry for E11 – Portable Pumps from Version 1.0 of Asset Management Plan, in order to provide additional clarity relative to type of pump. 4-stroke engine. |
| E43 | Volume Pump | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2000 | 24 | 2024 | \$ - | \$ - | \$ - | \$ - | \$ 7,000 | Fair | 5 | Replaced entry for E11 – Portable Pumps from Version 1.0 of Asset Management Plan, in order to provide additional clarity relative to type of pump. 4-stroke engine. |
| E31 | Portable Pumps:Fuel Tank Suction Adaptor | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2019 | 10 | 2029 | \$ 6,176 | \$ 1,853 | \$ - | \$ 4,323 | \$ 7,000 | Good | 5 | New (Version 2.0 of Asset Management Plan). Specialized adaptor for portable pumps. |
| E32 | Bunker Equipment | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2019 | 10 | 2029 | \$ 4,774 | \$ 1,432 | \$ - | \$ 3,342 | \$ 6,000 | Good | 5 | New (Version 2.0 of Asset Management Plan). 2x units of Bunker Equipment. |
| E36 | 12000 Honda Generator | Equipment | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2012 | 20 | 2032 | \$ - | \$ - | \$ - | \$ - | \$ 7,000 | Good | 5 | Large generator stored in Fire Hall. Used infrequently |
| E12 | Playground Equipment | Equipment | Recreation Services | Hwy 620 | 18 T | 4971560 | 275639 | 2007 | 20 | 2027 | \$ 37,793 | \$ 37,793 | \$ - | \$ - | \$ 50,000 | Good | 3 | Reassess condition of playground equipment before 2027 |
| E45 | 2200 Honda Inverter Generator | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2022 | 15 | 2037 | \$ 1,600 | \$ - | \$ - | \$ 1,600 | \$ 2,000 | Good | 4 | Replaced Mitsubishi generator. New (Version 2.0 of Asset Management Plan) |
| E14 | Streetlights (Ornamental) | Equipment | Transportation Services | Hamlet of Coe Hill | Downtown Coe Hill - Highway 620 Only | | | 2009 | 30 | 2039 | \$ 91,003 | \$ 59,152 | \$ - | \$ 31,851 | \$ 100,000 | Good | 4 | Assumes - \$3,000 replacement value per streetlight. Thirty-one (31) units located Downtown Coe Hill on Highway 620 only. |
| E15 | Streetlights (Regular) | Equipment | Transportation Services | Hamlet of Coe Hill | various | | | 2009 | 30 | 2039 | \$ - | \$ - | \$ - | \$ - | \$ 48,000 | Good | 4 | Assumes - \$3,000 replacement value per streetlight. Sixteen (16) located in Wollaston, including 1x South Road, 3x Lower Faraday Road, 1x Ormsby intersection, 1x Ridge Road, 1x Public Beach, 1x Public Boat Launch, 6x Wollaston Lake Road, 2x Norman Lane. |
| E18 | The Grizzly (salt screener) | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2014 | 15 | 2029 | \$ 11,603 | \$ 9,283 | \$ - | \$ 2,321 | \$ 20,000 | Good | 5 | Screens salt for use on municipal roads in winter. |
| E19 | Pavement Edger | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2017 | 15 | 2032 | \$ 7,632 | \$ 2,544 | \$ - | \$ 5,088 | \$ 12,000 | Good | 3 | Used for application of gravel or cold mix asphalt to road shoulders. |
| E20 | John Deere Grader | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2017 | 15 | 2032 | \$ 345,959 | \$ 115,320 | \$ - | \$ 230,639 | \$ 440,000 | Good | 5 | Average approx. 500 hours of use per year. |
| E21 | 2007 Komatsu Loader | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2018 | 7 | 2025 | \$ 48,234 | \$ 6,431 | \$ - | \$ 41,803 | \$ 250,000 | Fair | 4 | Purchased used in 2018. |
| E22 | 2017 Kubota BX1880 Tractor | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2018 | 8 | 2026 | \$ 10,176 | \$ 2,714 | \$ - | \$ 7,462 | \$ 15,000 | Good | 3 | Used for Parks and Recreation-related work. |
| E23 | Culvert Steamer | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2009 | 15 | 2024 | \$ - | \$ - | \$ - | \$ - | \$ 15,000 | Fair | 3 | Used in winter to defrost culverts (and similar infrastructure). |
| E24 | Joy D150S1 Portable Compressor | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 1993 | 35 | 2028 | \$ - | \$ - | \$ - | \$ - | \$ 25,000 | Poor | 3 | Portable unit used for drilling into rock. |



Table 3a
Detailed Summary of Municipal Assets - Vehicles & Equipment
Asset Management Planning Tables
Township of Wollaston
128.21.003

| Asset ID | Asset Name ¹ | Detailed Asset Description (Equipment / Vehicle) ¹ | Operating Department ¹ | Address | UTM Coordinates | | | Year In Service or Last Upgrade Year ¹ | Asset Life Expectancy (years) ¹ | Projected Replacement or Upgrade Year | Tangible Capital Asset Report Financials | | | | Replacement and/or Upgrade Cost ^{1,2} | Condition Rating (good / fair / poor) ² | Current Level of Service (5 = high / 1 = low) | Additional Information (identify repair/rehabilitation requirements, maintenance needs, specific cost breakdown, etc.) |
|----------|---|---|-----------------------------------|------------------------|-----------------|----------|---------|---|--|---------------------------------------|---|--|----------------------------------|---|--|--|---|--|
| | | | | | Zone | Northing | Easting | | | | Original Value (2021 Starting Balance) ¹ | Accumulated Amortization (2021) ¹ | Additions and Betterments (2021) | Ending Value (2021 Net Book Value) ¹ | | | | |
| E25 | Water Tank (2,800 gallon) | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 1996 | 30 | 2026 | \$ - | \$ - | \$ - | \$ - | \$ 25,000 | Fair | 3 | 2,800 gallon water tank used with a Tandem truck to apply water to roads. Used for ~ 1 month in spring, and/or as required for grading purposes, etc. |
| E33 | Radar Driver Feedback Sign | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2021 | 10 | 2031 | \$ - | \$ 357 | \$ 3,572 | \$ 3,215 | \$ 4,000 | Good | 5 | New (Version 2.0 of Asset Management Plan). 1x unit purchased each year, in 2020, 2021, and 2022. |
| E38 | Radar Driver Feedback Sign | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2022 | 10 | 2032 | \$ 3,500 | \$ - | \$ - | \$ 3,500 | \$ 4,000 | Good | 5 | |
| E39 | Radar Driver Feedback Sign | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2020 | 10 | 2030 | \$ 3,500 | \$ - | \$ - | \$ 3,500 | \$ 4,000 | Good | 5 | |
| E34 | Emergency Traffic Signage Trailer | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2021 | 10 | 2031 | \$ - | \$ 468 | \$ 4,681 | \$ 4,213 | \$ 5,000 | Good | 5 | New (Version 2.0 of Asset Management Plan). |
| E35 | 2022 John Deere 310SL Loader Backhoe | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2022 | 15 | 2037 | \$ 164,500 | \$ - | \$ - | \$ 164,500 | \$ 250,000 | Good | 5 | New (Version 2.0 of Asset Management Plan) |
| E37 | Electronic Message Board | Equipment | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2022 | 10 | 2032 | \$ 20,000 | \$ - | \$ - | \$ 20,000 | \$ 25,000 | Good | 5 | Roadside displays messages, traffic volume, speeds etc. |
| V2 | 1993 Pemfab Pumper Truck | Vehicle | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2013 | 12 | 2025 | \$ 41,162 | \$ 37,048 | \$ - | \$ 4,116 | \$ 550,000 | Fair | 5 | Proposed to be replaced with Mini-Pumper truck. Passed most recent pump test. |
| V3 | 1989 Ford F350XLT Rescue Truck | Vehicle | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2007 | 8 | 2015 | \$ 9,300 | \$ 9,300 | \$ - | \$ - | \$ 250,000 | Poor | 5 | Proposed to be replaced with an Ambulance-style rescue vehicle. |
| V4 | International Tanker Truck | Vehicle | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2017 | 6 | 2023 | \$ 35,276 | \$ 17,638 | \$ - | \$ 17,638 | \$ 400,000 | Fair | 5 | Proposed to be replaced with a poly-tank 3500 gallon tanker truck. |
| V9 | 2000 Freightliner FL80 Fire Tanker | Vehicle | Protection Services | 5503 Highway 620 | 18 T | 4971557 | 275708 | 2020 | 3 | 2023 | \$ 19,019 | \$ 3,804 | \$ - | \$ 15,215 | \$ 450,000 | Good | 5 | New (Version 2.0 of Asset Management Plan). Purchased used in 2020 from Callander Ontario (Aug27-20). Vin #: 1FV6JLCB5YHG78642. |
| V6 | 2010 Mack GU713 Tandem Truck | Vehicle | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2009 | 15 | 2024 | \$ 213,337 | \$ 184,893 | \$ - | \$ 28,445 | \$ 350,000 | Good | 5 | Highway/road maintenance. Intended to be replaced by 2024. Multiple year wait for new tandem trucks expected. |
| V7 | 2016 Western Star 4700 Tandem Truck | Vehicle | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2015 | 12 | 2027 | \$ 216,820 | \$ 151,774 | \$ - | \$ 65,046 | \$ 350,000 | Good | 5 | Highway/road maintenance. |
| V8 | 2018 Ford F250 Super Duty - 1FT7X2B65JEB45045 | Vehicle | Transportation Services | 90 Wollaston Lake Road | 18 T | 4971165 | 276113 | 2018 | 4 | 2022 | \$ 47,709 | \$ 19,084 | \$ - | \$ 28,626 | \$ 100,000 | Good | 5 | Planned to be replaced with Diesel truck equivalent, with life expectancy at ~ 5 years. Includes cost for plow and related equipment package. Township issuing tender for replacement in 2022. |

| Detailed Asset Description & Operating Department | Quantity | Average Age (years) | Replacement and/or Upgrade Cost |
|---|-----------|---------------------|---------------------------------|
| Equipment (Emergency Measures) | 1 | 10 | \$ 30,000 |
| Equipment (General Government) | 6 | 3 | \$ 51,000 |
| Equipment (Protection Services) | 11 | 5 | \$ 178,000 |
| Equipment (Recreation Services) | 1 | 14 | \$ 50,000 |
| Equipment (Transportation Services) | 17 | 6 | \$ 1,244,000 |
| Vehicles (Protection Services) | 4 | 7 | \$ 1,650,000 |
| Vehicles (Transportation Services) | 3 | 7 | \$ 800,000 |
| TOTAL | 43 | - | \$ 4,003,000 |

Notes:

1. Data from Township of Wollaston Asset Register (2021) and/or provided by Municipality.
2. Data Provided from Township of Wollaston (Gap Analysis Meetings).
3. Level of Service: 1 = very low priority, 5 = very high priority.

Selected Focus Items

| YEAR |
|------|
| 2021 |

Statement of Service Conditions & Limitations

The following conditions and limitations shall form an integral part of any agreement between Greenview and the Client. In the event of duplication or conflict, the most stringent shall supercede the other.

Provision of Services and Payment

Upon documented acceptance of Greenview's proposed services and conditions in written form by the Client, Greenview may commence work on the proposed services directly.

Greenview's offers for services in the form of proposals, quotations, bids, tenders, or other like an offering to a Client are formulated upon available information at the time of the offer submission. In the event of discovery of unknown conditions, or any other unknown circumstance that may arise following the presentation of Greenview's offer to the Client, Greenview reserves the right to negotiate terms with the Client with respect to changes in scope, fees, disbursements, or the like as may be fair and reasonable considering the discovery.

Upon retention of Greenview's services related to any commission, the Client agrees to remit payment for the services rendered for the specified period within (30) days of the invoice date as invoiced by Greenview on a typical monthly basis, unless otherwise arranged between the Client and Greenview. In the event of non-payment by the Client, Greenview reserves the right, without external influence or expense, to discontinue services and retain any documentation, data, reports, or other project information until such time as payment is received by Greenview. Interest on any overdue accounts may be applied accordingly.

Warranty, Limitations, and Reliance

Greenview relies on background and historical information from the Client to determine the appropriate scope of services to meet the Client's objectives, in accordance with applicable legislation, guidelines, industry practices, and accepted methodologies.

Greenview provides its services under the specific terms and conditions of a specific proposal (and where necessary formal contract), in accordance with the above requirements and the *Limitations Act 2002*, as amended, only.

The hypotheses, results, conclusions, and recommendations presented in documentation authored by Greenview are founded on the information provided by the Client to Greenview in preparation for the work. Facts, conditions, and circumstances discovered by Greenview during the performance of the work requested by the Client are assumed by Greenview to be part of preparatory information provided by the Client as part of the proposal stage of the project. Greenview assumes that, until notified or discovered otherwise, that the information provided by, or obtained by Greenview from, the Client is factual, accurate, and represents a true depiction of the circumstances that exist related to the time of the work.

Greenview relies on its Clients to inform Greenview if there are changes to any related information to the work. Greenview does not review, analyze, or attempt to verify the accuracy or completeness of the information or materials provided, or circumstances encountered, other than in accordance with applicable accepted industry practice. Greenview will not be responsible for matters arising from incomplete, incorrect, or misleading information or from facts or circumstances that are not fully disclosed to, or that are concealed from Greenview during the period that proposals, services, work, or documentation preparation was performed by Greenview.

Facts, conditions, information, and circumstances may vary with time and locations and Greenview's services are based on a review of such matters as they existed at the time and location indicated in its documentation. No assurance is made by Greenview that the facts, conditions, information, circumstances or any underlying assumptions made by Greenview in connection with the work performed will not change after the work is completed and documentation is submitted. If any such changes occur or additional information is obtained, Greenview should be advised and

requested to consider if the changes or additional information affect its findings or results.

When preparing documentation, Greenview considers applicable legislation, regulations, governmental guidelines, and policies to the extent they are within its knowledge, but Greenview is not qualified to advise with respect to legal matters. The presentation of information regarding applicable legislation, regulations, not intended to and should not be interpreted as constituting a legal opinion concerning the work completed or conditions outlined in a report. All legal matters should be reviewed and considered by an appropriately qualified legal practitioner.

Greenview's services, work and reports are provided solely for the exclusive use of the Client which has retained the services of Greenview and to which its reports are addressed. Greenview is not responsible for the use of its services, work or reports by any other party, or for the reliance on, or for any decision which is made by any party using the services or work performed by or a report prepared by Greenview without Greenview's express written consent. Any party that uses, relies on, or makes a decision based on services or work performed by Greenview or a report prepared by Greenview without Greenview's express written consent, does so at its own risk. Except as set out herein, Greenview specifically disclaims any liability or responsibility to any third party for any loss, damage, expense, fine, penalty or other such thing which may arise or result from the use of, reliance on or decision based on any information, recommendation or other matter arising from the services, work or reports provided by Greenview.

Site Reviews and Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Greenview's work or report considers any locations or times other than those from which information, sample results and data were specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those based on extrapolations.

Only conditions, and substances, at the site and locations chosen for study by the Client are evaluated; no adjacent or other properties are evaluated unless specifically requested by the Client. Any physical or other aspects of the site that were not chosen for study by the Client, or any other matter not specifically addressed in a report prepared by Greenview, are beyond the scope of the work performed by Greenview and such matters have not been investigated or addressed.

Confidentiality

Greenview provides its proposals, reports, assessments, designs, and any other work for the sole party identified as the Client or potential Client in the case of proposals.

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