# DEVELOPMENT CHARGES RESERVE FUND - ROADS & RELATED

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Engineering Services and Roads. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Caledonia Arterial Road	15					15
Master Servicing Plan Update Caledonia	8,020					8,020
Road 20 Shoulder Paving - Parkview Rd to Rd 27	31,469					31,469
Argyle/Haddington Intersection	33,952		305,569			339,521
Gravel Road Conversion Projects	334,739		620,566			955,305
Totals	\$ 408,195	\$ -	\$ 926,135	\$ -	\$ -	\$ 1,334,330

#### NOTE:

# DEVELOPMENT CHARGES RESERVE FUND - PUBLIC WORKS - BUILDINGS & FLEET

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Public Works - Buildings and Fleet Services. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Kohler Facility - Roof, Storage, Addition, Office & Shop Renovation	10,174		8,974			19,148
Single Axle Plow/Sander ROADS	(728)					(728)
Totals	\$ 9,447	\$ -	\$ 8,974	\$ -	\$ -	\$ 18,421

#### Note:

# DEVELOPMENT CHARGES RESERVE FUND - PARKING SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Parking Services. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding

#### Note:

### DEVELOPMENT CHARGES RESERVE FUND - FIRE PROTECTION SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Fire Services. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Firefighting Tools	4,783		9,567			14,350
						-
Totals	\$ 4,783	\$ -	\$ 9,567	\$ -	\$ -	\$ 14,350

		DC Reserve	DC Reserve Fund Draw		Non-DC Recoverable Cost Share		
Operating Fund Transactions	Annual Debt Repayment Amount	Principal	Interest	Principal	Interest	Source	
Cayuga (repayment of growth related portion of annual debt charges)	171,335	102,940	14,423	47,340	6,633	Levy	
Hagersville (repayment of growth related portion of annual debt charges)	199,368	23,340	3,270	151,430	21,328	Levy	
South Haldimand (repayment of growth related portion of annual debt charges)	140,952	40,420	5,663	83,210	11,658	Levy	
Totals	\$ 511,655	\$ 166,700	\$ 23,356	\$ 281,980	\$ 39,619		

### Commitments:

Cayuga Replacement Fire Station - Total estimated capital cost of this project was \$1.66 million with related debenture financing of \$1.5 million. The growth related portion of this debt was approximately 69%, resulting in principal payments of \$102,940 and declining interest payments for 10 years beginning in 2017 and ending in 2026

Hagersville Replacement Fire Station - Total estimated capital cost of this project was \$2.12 million with related debenture financing of \$1.75 million. The growth related portion of this debt was approximately 14%, resulting in principal payments of \$23,340 and declining interest payments for 10 years beginning in 2017 and ending in 2026.

South Haldimand Fire Station Replacement - Total estimated capital cost of this project was \$1.26 million with related debenture financing of \$1.24 million. The growth related portion of this debt was approximately 33%, resulting in principal payments of \$40,420 and declining interest payments for 10 years beginning in 2017 and ending in 2026.

# Note:

### DEVELOPMENT CHARGES RESERVE FUND - LEISURE SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Leisure Services. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Chippewa Trail - Phase 2	33,535		3,712			37,247
Old Marina Paving & Landscaping	72,163		8,018			80,181
Dunnville Waterfront Park	464		24,081			24,545
Totals	\$ 106,161	\$ -	\$ 35,811	\$ -	\$ -	\$ 141,973

		DC Reserve	DC Reserve Fund Draw		Non-DC Recoverable Cost Share		
Operating Fund Transactions	Annual Debt Repayment Amount	Principal	Interest	Principal	Interest	Source	
HCCC (repayment of growth related portion of annual debt charges)	412,01	149,978	18,949	215,822	27,268	Levy	
Cayuga Arena (repayment of growth related portion of annual debt charges)	518,60	175,660	99,542	155,360	88,038	Levy	
Dunnville Arena (repayment of growth related portion of annual debt charges)	599,79	3 115,260	65,315	267,585	151,633	Levy	
Totals	\$ 1,530,41	\$ 440,898	\$ 183,806	\$ 638,767	\$ 266,940		

# Commitments:

Haldimand County Caledonia Centre (HCCC) - Debt was issued in 2013 for a balloon payment in the amount of \$3.28 million and an unfinanced portion of the capital project in the amount of \$382,000. The growth related portion of this debt was approximately 41% resulting in declining principal and interest payments for 10 years beginning in 2014 and ending in 2023.

Cayuga Arena - Total estimated capital cost of this project was \$10.7 million with related debenture financing of \$6.62 million. The growth related portion of this debt was approximately 53%, resulting in principal payments of \$175,660 and declining interest payments for 20 years beginning in 2014 and ending in 2033.

Dunnville Arena - Total estimated capital cost of this project was \$12 million with related debenture financing of \$7.66 million. The growth related portion of this debt was approximately 30%, resulting in principal payments of \$115,260 and declining interest payments for 20 years beginning in 2014 and ending in 2033.

### Note:

# DEVELOPMENT CHARGES RESERVE FUND - LIBRARY SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Library Services. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Caledonia Collection Enhancement	183		1,643			1,825
Hagersville Collection Enhancement	174		1,563			1,737
Jarvis Collection Enhancement	168		1,511			1,679
Cayuga Collection Enhancement	168		1,511			1,679
Dunnville Collection Enhancement	181		1,629			1,810
Selkirk Collection Enhancement	168		1,510			1,678
Totals	\$ 1,041	\$ -	\$ 9,367	\$ -	\$ -	\$ 10,408

		DC Reserve Fund Draw		Non-DC Recoverable Cost Share		
Operating Fund Transactions	Annual Debt Repayment Amount	Principal	Interest	Principal	Interest	Source
Dunnville Library (repayment of growth related portion of annual debt charges)	96,313	82,740	13,573			
Cayuga Library (repayment of growth related portion of annual debt charges)	283,950	67,580	15,859	162,400	38,111	Levy
Totals	\$ 380,263	\$ 150.320	\$ 29.432	\$ 162,400	\$ 38.111	

# Commitments:

Dunnville Library - Total estimated capital cost of this project was \$1.97 million with related debenture financing of \$864,700. The growth related portion of this debt was 100%, resulting in declining principal and interest payments for 10 years beginning in 2018 and ending in 2027.

Cayuga Library - Total estimated capital cost of this project was \$4.12 million with related debenture financing of \$2,299,800. The growth related portion of this debt was 29.4%, resulting in principal payments of \$67.580 and declining interest payments for 10 years beginning in 2020 and ending in 2029.

### Note:

# DEVELOPMENT CHARGES RESERVE FUND - GENERAL GOVERNMENT

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal General Government Services such as future development charge studies. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Development Charges Study	8,969		(709)			8,260
Front Ending Agreement Policy	4,392		5,368			9,759
Comprehensive Zoning By-law	23,759		2,640			26,399
Official Plan 5 Year Review & Places to Grow Update	81,958		27,319			109,278
Totals	\$ 119,078	\$ -	\$ 34,618	\$ -	\$ -	\$ 153,696

### Note:

# DEVELOPMENT CHARGES RESERVE FUND - CEMETERIES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Cemetery Services. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
						-
						-

#### Note:

### DEVELOPMENT CHARGES RESERVE FUND - AMBULANCE SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Ambulance Services. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Subsidies, Other Contributions	Total 2020 Funding
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

		DC Reserve	e Fund Draw	Non-DC Recoverable Cost Share		
Operating Fund Transactions	Annual Debt Repayment Amount	Principal	Interest	Principal	Interest	Source
Cayuga (repayment of growth related portion of annual debt charges)	58,476	7,650	1,072	43,640	6,114	Levy
Hagersville (repayment of growth related portion of annual debt charges)	80,993	9,530	1,335	61,510	8,618	Levy
Totals	\$ 139,469	\$ 17,180	\$ 2,407	\$ 105,150	\$ 14,732	

# Commitments:

Cayuga EMS Base - Total estimated capital cost of this project was \$661,200 with related debenture financing of \$512,900. The growth related portion of this debt was approximately 15%, resulting in principal payments of \$9,530 and declining interest payments for 10 years beginning in 2017 and ending in 2026.

Hagersville EMS Base - Total estimated capital cost of this project was \$866,800 with related debenture financing of \$710,400. The growth related portion of this debt was approximately 14%, resulting in principal payments of \$7,650 and declining interest payments for 10 years beginning in 2017 and ending in 2026.

### Note:

# DEVELOPMENT CHARGES RESERVE FUND - WASTE DIVERSION

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with municipal Waste Diversion. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
						-
						-

#### Note:

# DEVELOPMENT CHARGES RESERVE FUND - STORMWATER DRAINAGE & CONTROL SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, growth related net capital costs associated with the municipal Stormwater System. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
						-
						-
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

# Note:

#### DEVELOPMENT CHARGES RESERVE FUND - WASTEWATER SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Wastewater System including collection, pumping, treatment, and disposal. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Development Charges Study	4,484		3,776			8,260
Caledonia Master Servicing Plan Update	30,347					30,347
Plant Optimization Program Support	179		1,012			1,191
Dunnville WWTP SCADA Replacements	45,335		143,562			188,897
Dunnville WWTP Replacement	100,656		1,464,515			1,565,171
Caledonia WWTP SCADA Computer & Network Replacement	319		1,009			1,328
Hagersville WWTP SCADA Computer & Network Replacement	1,028		3,254			4,282
SCADA Master Plan Optimizarion	277		878			1,155
Hagersville Remotes - Control Equipment Replacement (SCADA)	1,458		4,616			6,074
Front Ending Agreement Policy	2,196		7,564			9,759
Effluent Water Quality & Impact Assessment	43,130					43,130
SCADA Maintenance	3,528		11,171			14,699
SCADA Technical Support	5,693		18,028			23,721
Townsend Lagoon Upgrades	(118,570)		42,802			(75,768)
Caledonia Wastewater Treatment Plant	3,558					3,558
Cayuga Remotes - Control Equipment Replacement (SCADA)	16		140			156
Totals	123,633	-	1,702,328	-	-	1,825,960

		DC Reserve Fund Draw		Non-DC Recoverable Cost Share		ost Share
Operating Fund Transactions	Annual Debt Repayment Amount	Principal	Interest	Principal	Interest	Source
Hagersville Water Pollution Control Plant (repayment of growth related portion of annual debt charges)	366,365	157,546	4,454	198,597	5,768	Rate Supported
Caledonia Water Pollution Control Plant (repayment of growth related portion of annual debt charges)	340,607	196,560	24,834	105,840	13,372	Rate Supported
Jarvis Lagoon Upgrades (repayment of growth related portion of annual debt charges)	13,667	11,741	1,926			
Caledonia Water Pollution Control Plant (repayment of growth related portion of annual debt charges)	70,026	60,158	9,869			
Dunnville Water Pollution Control Plant (repayment of growth related portion of annual debt charges)	1,337,937	45,895	10,770	1,076,636	204,636	Rate Supported
Townsend Lagoon (repayment of growth related portion of annual debt charges)	69,450	56,250	13,200			
Totals	\$ 2,198,052	528,150	65,054	\$ 1,381,073	\$ 223,776	

### Commitments

Hagersville Water Pollution Control Plant – The approximate capital cost of this project is \$9.67 million financed 33% from debenture proceeds. The growth related portion of this debt is 44% resulting in debt payments of approximately \$162,000 per year for 10 years beginning in 2011 and ending in 2020.

Caledonia Water Pollution Control Plant - Debt was issued in 2013 for a balloon payment in the amount of \$3.024 million. The growth related portion of this debt was approximately 65% resulting in annual principal payments of \$196,560 and declining interest payments for 10 years beginning in 2014 and ending in 2023.

Jarvis Lagoon Upgrades - The approximate capital cost of this project is \$763,060 with related debenture financing of \$122,700. The growth related portion of this debt was 100%, resulting in debt payments of approximately \$13,670 for 10 years beginning in 2018 and ending in 2027.

Caledonia Water Pollution Control Plant -The approximate capital cost of this project is \$1.72 million with related debenture financing of \$628,700. The growth related portion of this debt was 100%, resulting in debt payments of approximately \$70,000 for 10 years beginning in 2018 and ending in 2027.

Dunnville Water Pollution Control Plant -The approximate capital cost of this project is \$10.98 million with related debenture financing of \$9,178,950. The growth related portion of this debt was 5%, resulting in debt payments of approximately \$56,670 for 10 years beginning in 2020 and ending in 2029.

Townsend Lagoon - The approximate capital cost of this project is \$1.24 million with related debenture financing of \$562,500. The growth related portion of this debt was 100%, resulting in debt payments of approximately \$69,450 for 10 years beginning in 2020 and ending in 2029.

### Note:

#### DEVELOPMENT CHARGES RESERVE FUND - WATER SERVICES

This Reserve Fund has been established under the Corporation of Haldimand County By-law 2042/19 to finance, in whole or in part, the growth related net capital costs associated with the municipal Water System including water supply, treatment, storage and transmission. "Growth related net capital costs" means the portion of the net capital cost of services that is reasonably attributable to the need for such services resulting from development of the defined area.

Capital Project	DC Reserve Fund Draw	DC Debt Financing	Other Reserves Fund Draw	Non-DC Debt Financing	Grants, Subsidies, Other Contributions	Total 2020 Funding
Development Charges Study	4,484		3,776			8,260
Grand Valley Water Scheme Business Case	72,064					72,064
Caledonia Stand Pipe Booster Pump Upgrades	925		8,325			9,250
Nanticoke WTP Filter Replacement	(49,925)					(49,925)
Nanticoke New Pre-Treatment Process	(419)			(1,257)		(1,676)
Nanticoke Filter Building Expansion	(627)			(1,880)		(2,506)
Dunnville WTP SCADA Computer & Network Replacement	3,838		14,437			18,275
Plant Optimization Program Implementation	1,870		21,309			23,179
Nanticoke - Reservoir Baffling and Transfer System	73,756		186,488		231,461	491,705
Reservoir Tracer Study	165		937			1,103
Caledonia Master Servicing Plan Update	33,474					33,474
Nanticoke WTP PLC Replacements	3,420		12,865			16,284
Front Ending Agreement Policy	2,196		7,564			9,759
SCADA Maintenance	1,510		5,680			7,190
SCADA Technical Support	2,407		9,055			11,462
Totals	\$ 149,138	\$ -	\$ 270,436	\$ (3,137)	\$ 231,461	\$ 647,899

		DC Reserve	Fund Draw	Non-DC Recoverable Cost Share		
Operating Fund Transactions	Annual Debt Repayment Amount	Principal	Interest	Principal	Interest	Source
Jarvis Cast Iron Watermain Replacement (repayment of growth related portion of annual debt charges)	250,611	53,823	8,829	161,470	26,488	Rate Supported
Nanticoke Electrical Servicing Upgrades (repayment of growth related portion of annual debt charges)	11,138	9,569	1,570			
Nanticoke Filter Building Expansion (repayment of growth related portion of annual debt charges)	189,841	40,772	6,688	122,315	20,065	Rate Supported
Nanticoke High Rate Sedimentation Capacity Expansion (repayment of growth related portion of annual debt charges)	148,265	31,988	5,248	95,284	15,746	Rate Supported
Nanticoke Water System Filter Replacement (repayment of growth related portion of annual debt charges)	260,736	223,991	36,745			
Nanticoke Water Treatment Process (repayment of growth related portion of annual debt charges)	332,277	71,363	11,707	214,088	35,120	Rate Supported
Totals	\$ 1,192,869	431,506	70,787	\$ 593,158	\$ 97,419	

### Commitments

Jarvis Cast Iron Watermain – The approximate capital cost of this project is \$2.47 million with related debenture financing of \$2.25 million. The growth related portion of this debt is 25% resulting in debt payments of approximately \$62,600 per year for 10 years beginning in 2018 and ending in 2027.

Nanticoke Electrical Servicing Upgrades - The approximate capital cost of this project is \$399,300 with related debenture financing of \$100,000. The growth related portion of this debt was 100%, resulting in debt payments of approximately \$11,140 for 10 years beginning in 2018 and ending in 2027.

Nanticoke Filter Building Expansion - The approximate capital cost of this project is \$1.75 million with related debenture financing of \$1.70 million. The growth related portion of this debt was 25%, resulting in debt payments of approximately \$47,500 for 10 years beginning in 2018 and ending in 2027.

Nanticoke High Rate Sedimentation Capacity Expansion - The approximate capital cost of this project is \$1.37 million with related debenture financing of \$1.34 million. The growth related portion of this debt was 25%, resulting in debt payments of approximately \$37,250 for 10 years beginning in 2018 and ending in 2027.

Nanticoke Water System Filter Replacement -The approximate capital cost of this project is \$2.28 million with related debenture financing of \$2.34. The growth related portion of this debt was 100%, resulting in debt payments of approximately \$260,600 for 10 years beginning in 2018 and ending in 2027.

Nanticoke Water Treatment Process -The approximate capital cost of this project is \$3.07 million with related debenture financing of \$2.98 million. The growth related portion of this debt was 25%, resulting in debt payments of approximately \$83,100 for 10 years beginning in 2018 and ending in 2027.

### Note: