

2020 LAWSS OPERATING, MAINTENANCE, AND CAPITAL SUMMARY BUDGET DRAFT

ITEM	EXPENSES	Sarnia	St. Clair	Plympton-Wyoming	Warwick	Point Edward	Lambton Shores
2020 Percent Budget Allocations Based on 2018 Flows		58.34%	29.78%	4.98%	2.57%	2.40%	1.93%
<i>2019 Percent Budget Allocations Based on 2017 Flows</i>		<i>61.58%</i>	<i>26.16%</i>	<i>4.94%</i>	<i>2.89%</i>	<i>2.48%</i>	<i>1.95%</i>
2020 OPERATING AND MAINTENANCE COSTS (OCWA) (CPI = 2.25%)							
Service Fee	\$2,214,969						
Hydro	\$1,525,000						
Sludge Haulage	\$150,000						
Point Edward Sewage Fee	\$92,450						
Chemicals	\$270,860						
Insurance	\$90,960						
Diesel Fuel	\$9,000						
Subtotal	\$4,353,239	\$2,539,680	\$1,296,395	\$216,791	\$111,878	\$104,478	\$84,018
2020 LAWSS OPERATING							
Emergency Repairs	\$200,000						
Special Facility Maintenance	\$30,000						
General and Administrative Expense	\$348,000						
Staff Salary and Benefits	\$250,000						
Schedule G Reconciliation Estimate	\$150,000						
Subtotal	\$978,000	\$570,565	\$291,248	\$48,704	\$25,135	\$23,472	\$18,875
TOTAL OPERATING AND MAINTENANCE	\$5,331,239	\$3,110,245	\$1,587,643	\$265,496	\$137,013	\$127,950	\$102,893
2020 Capital Projects							
5kV Motor Control Group A & B (Engineering) (EXP- Reliability Study 2019)	\$90,000						
WTP Main Plant HVAC Repair (Engineering Design)	\$111,000						
WLPS Reservoir Rehabilitation (Engineering Design)	\$120,000						
Indian Road WT Rehabilitation (Engineering Design)	\$30,000						
WTP PLC Conversion/upgrade construction	\$150,000						
Distribution- Field Gate 4G Network Upgrade	\$75,000						
2020 Engineering Studies							
System- Master Plan Rebuild (w/ Class EA for Issues Identified in 20yr Growth Plan AECOM 2019)	\$250,000						
Condition Assessment (Port Lambton Standpipe & Watford Standpipe)	\$30,000						
Jacob's Loop Study	\$300,000						
Jacob's Corrosion Control Member Municipalities Impact Study	\$113,000						
Watermain Condition Assessment Approach and Prioritization Study	\$35,000						
Twinning & Grid Reinforcement Class EA (Addendum)	\$105,000						
Pervious Years Carryover							
Generator Replacement Project	\$4,000,000						
Generator Replacement Project (Engineering	\$150,000						
Main Plant Switch Gear	\$1,500,000						
Main Plant Switch Gear (Engineering)	\$116,000						
PLC Upgrade Project	\$150,000						
36" Ross Valve	\$70,000						
Radio PLC Upgrade Project	\$512,000						
Funds to Reserve	\$2,987,259						
TOTAL 2020 CAPITAL	\$10,894,259	\$6,355,711	\$3,244,310	\$542,534	\$279,982	\$261,462	\$210,259

2020 LAWSS MAJOR MAINTENANCE							
WTP - Filter Core Sampling	\$15,000						
WTP - VFD Flocc Mixers	\$45,000						
WTP - Replace 7 Chlorine On-Line Analyzers	\$20,000						
WTP - Traveling Screen Assessment and Inspection	\$12,000						
WTP - Chemical Feed Pumps (3)	\$16,000						
WTP - Gearbox Refurb at Floc Tanks 2/yr	\$42,000						
WTP - Lab pH meter replacement	\$2,500						
WTP - Vibration Monitoring Program	\$1,500						
WTP - Valve gate isolation(3) 10 inch	\$25,000						
WTP - Low Lift Wet Well Cleanout	\$15,000						
WLPS - Crack Injection (West Wall)	\$5,000						
WLPS - Valve Discharge P1 Refurbish	\$25,000						
Hydrant Installation London Line (blow off)6622 London Line	\$20,000						
Various Energy Conservation and efficiency studies	\$8,000						
Chamber (flow) abandonment	\$20,000						
Air Relief valves (5867 Confederation Line) Relocate Air Valve	\$15,000						
Hydrant Isolation valve repairs x (3) (gland bolts)	\$15,000						
Repair Clamps & Appurtenances	\$10,000						
TOTAL 2020 MAJOR MAINTENANCE	\$312,000	\$182,021	\$92,914	\$15,538	\$8,018	\$7,488	\$6,022
Revenue from Sale of Water	-\$100,000						
Revenue from Interest or Rental Fees	-\$72,000						
Revenue Transferred from Previous Budget	-\$6,498,000						
TOTAL EXPENDITURES	\$16,537,498	\$9,647,976	\$4,924,867	\$823,567	\$425,014	\$396,900	\$319,174
TOTAL REVENUE	-\$6,670,000	-\$3,891,278	-\$1,986,326	-\$332,166	-\$171,419	-\$160,080	-\$128,731
2020 Total Budget/Operating/Maintenance/Capital	\$9,867,498	\$5,756,698	\$2,938,541	\$491,401	\$253,595	\$236,820	\$190,443
<i>2019 Total Budget</i>	<i>\$9,580,197</i>	<i>\$5,899,485</i>	<i>\$2,506,180</i>	<i>\$473,262</i>	<i>\$276,868</i>	<i>\$237,589</i>	<i>\$186,814</i>

Note the 2019 Budget is greater than the 2018 Adjusted Budget by
Note total flow in 2018, excluding non-members is 17,811,967 m3 and cost per member is

3.00% -2.42% 17.25% 3.83% -8.41% -0.32% 1.94%

\$0.5540 per cubic metre