Attachment 6 - 2019 - 2023 PWES Five (5) Year Capital Works Plan

RF Wastewater Sewers (2550)

Reserve Balance Start of Year (\$3,047,500) (\$4,012,705) (\$1,828,540) (\$969,641) (\$1,010,541) Estimated Allocation \$1,841,499 \$1,847,599 \$1,956,599 \$1,970,000 \$1,990,000 Estimated Interest (\$91,000) (\$120,000) (\$55,000) (\$29,000) (\$30,000) Development Charges \$163,300 \$150,000 \$150,000 \$150,000 \$150,000 Capital Sewer Charges \$1,133,000 \$2,529,000 \$1,050,000 \$740,000 National Disaster Mitigation Program \$1,500,000 \$1,050,000 \$905,500) \$740,000 Funds Available \$1,499,299 \$393,894 \$1,273,059 \$215,859 \$1,839,459 Committed \$200,000 \$100,000 \$57,400	RF Wasiewaler Sewers (2000)					
Estimated Allocation	_	2019	2020	2021	2022	2023
Estimated Interest	Reserve Balance Start of Year		, , ,	(' ' ' ' '	, , ,	
Development Charges	Estimated Allocation	\$1,841,499	\$1,847,599	\$1,956,599	\$1,970,000	\$1,990,000
Capital Sewer Charges	Estimated Interest	(\$91,000)	(\$120,000)	(\$55,000)	(\$29,000)	(\$30,000)
National Disaster Mitigation Program \$1,500,000 \$1,499,299 \$393,894 \$1,273,059 \$215,859 \$1,839,459 \$1,499,299 \$393,894 \$1,273,059 \$215,859 \$1,839,459 \$1,499,299 \$393,894 \$1,273,059 \$215,859 \$1,839,459 \$1,839,459 \$1,499,299 \$200,000 \$100,000 \$100,000 \$57,400	Development Charges	\$163,300	\$150,000	\$150,000	\$150,000	\$150,000
Sunda Available	Capital Sewer Charges	\$1,133,000	\$2,529,000	\$1,050,000	(\$905,500)	\$740,000
Sunda Available	National Disaster Mitigation Program	\$1,500,000				
Debt payments - Lakewood Pump Station S200,000 \$100,000 S57,400 \$5	Funds Available		\$393,894	\$1,273,059	\$215,859	\$1,839,459
Debt payments - 2012 Non-DC debt	Committed					
Debt payments - DC Debt S538,384 \$258,554 T GIS Tech % share \$27,370 \$27,900 \$28,500 \$28,500 \$29,100	Debt payments - Lakewood Pump Station	\$200,000	\$100,000			
Time	Debt payments - 2012 Non-DC debt	\$57,400	\$57,400	\$57,400	\$57,400	\$57,400
Balance Committed \$823,154 \$443,854 \$85,900 \$86,500 Balance Uncommitted \$676,145 (\$49,960) \$1,187,159 \$129,959 \$1,752,959 Proposed Water/Wastewater Master Plan Update \$7,500 \$250,000 \$250,000 \$250,000 \$339,550	Debt payments - DC Debt	\$538,384	\$258,554			
Balance Committed \$823,154 \$443,854 \$85,900 \$86,500 Balance Uncommitted \$676,145 (\$49,960) \$1,187,159 \$129,959 \$1,752,959 Proposed Water/Wastewater Master Plan Update \$7,500 \$250,000 \$250,000 \$250,000 \$339,550	IT GIS Tech % share	\$27,370	\$27,900	\$28,500	\$28,500	\$29,100
Proposed Water/Wastewater Master Plan Update \$7,500 Sewer Model Update & Flow Monitoring \$250,000 Manhole Restoration Program \$50,000 Scully & St. Mark's Storm PS/Riverside Drive \$20,550 Manning Rd/ETLD Relocation - Phase 2 \$91,880 West Tecumseh Trunk (WW-1A) \$220,000 Diversion Sewers Intersection Road (WW-2) \$67,600 County Road 11 (Walker Road) \$952,000 Sylvestre Drive Sanitary Extension \$77,600 \$575,200 Westlake Drive - Sanitary, Storm, Water \$166,700 \$838,200 CR42: CR43 Advance Engineering \$16,000 \$838,200 CR42: CR 19 Roundabout - Water & Sanitary \$18,800 \$50,000 CR42: Lesperance to CR19 - Sanitary \$148,500 \$833,300 Sanitary Sewer Rehabilitation (I&I Removal - Phase \$3,000,000 \$1,292,500 Street (LRPCP) \$31,000 \$478,000 O'Neil Street Sanitary Sewer (LRPCP) \$4,688,850 \$1,778,580 \$2,156,800 \$1,140,500 \$623,900	Balance Committed	\$823,154		\$85,900	\$85,900	\$86,500
Proposed Water/Wastewater Master Plan Update \$7,500 Sewer Model Update & Flow Monitoring \$250,000 Manhole Restoration Program \$50,000 Scully & St. Mark's Storm PS/Riverside Drive \$20,550 Manning Rd/ETLD Relocation - Phase 2 \$91,880 West Tecumseh Trunk (WW-1A) \$220,000 Diversion Sewers Intersection Road (WW-2) \$67,600 County Road 11 (Walker Road) \$952,000 Sylvestre Drive Sanitary Extension \$77,600 \$575,200 Westlake Drive - Sanitary, Storm, Water \$166,700 \$838,200 CR42: CR43 Advance Engineering \$16,000 \$838,200 CR42: CR 19 Roundabout - Water & Sanitary \$18,800 \$50,000 CR42: Lesperance to CR19 - Sanitary \$148,500 \$833,300 Sanitary Sewer Rehabilitation (I&I Removal - Phase \$3,000,000 \$1,292,500 Street (LRPCP) \$31,000 \$478,000 O'Neil Street Sanitary Sewer (LRPCP) \$4,688,850 \$1,778,580 \$2,156,800 \$1,140,500 \$623,900						
Water/Wastewater Master Plan Update \$7,500 Sewer Model Update & Flow Monitoring \$250,000 Manhole Restoration Program \$50,000 Scully & St. Mark's Storm PS/Riverside Drive \$20,550 \$339,550 Manning Rd/ETLD Relocation - Phase 2 \$91,880 West Tecumseh Trunk (WW-1A) \$220,000 Diversion Sewers Intersection Road (WW-2) \$67,600 County Road 11 (Walker Road) \$952,000 Sylvestre Drive Sanitary Extension \$77,600 \$575,200 Westlake Drive - Sanitary, Storm, Water \$172,000 \$67,600 County Road #46/Webster/Laval Sanitary Extension \$166,700 \$838,200 CR42: CR43 Advance Engineering \$166,700 \$838,200 CR42: Lesperance to CR19 - Sanitary \$18,800 \$50,000 CR42: Lesperance to CR19 - Sanitary \$148,500 \$833,300 Sanitary Sewer Rehabilitation (I&I Removal - Phase \$3,000,000 \$82,500 \$1,292,500 Riverside Drive In-Line Storage Trunk Sanitary \$82,500 \$1,292,500 \$478,000 Ure Street (LRPCP) \$31,000 \$478,000 \$43,250 Moynahan-Henin-Regal Sanitary Sewer (LRPCP) \$4,688,850 \$1,778,580 <td></td> <td>\$676,145</td> <td>(\$49,960)</td> <td>\$1,187,159</td> <td>\$129,959</td> <td>\$1,752,959</td>		\$676,145	(\$49,960)	\$1,187,159	\$129,959	\$1,752,959
Sewer Model Update & Flow Monitoring \$250,000 Manhole Restoration Program \$50,000 Scully & St. Mark's Storm PS/Riverside Drive \$20,550 \$339,550 Manning Rd/ETLD Relocation - Phase 2 \$91,880 West Tecumseh Trunk (WW-1A) \$220,000 Diversion Sewers Intersection Road (WW-2) \$67,600 \$67,600 \$67,600 \$10,000 \$1	Proposed					
Manhole Restoration Program \$50,000 Scully & St. Mark's Storm PS/Riverside Drive \$20,550 Manning Rd/ETLD Relocation - Phase 2 \$91,880 West Tecumseh Trunk (WW-1A) \$220,000 Diversion Sewers Intersection Road (WW-2) \$67,600 County Road 11 (Walker Road) \$952,000 Sylvestre Drive Sanitary Extension \$77,600 \$575,200 Westlake Drive - Sanitary, Storm, Water \$172,000 County Road #46/Webster/Laval Sanitary Extension \$166,700 \$838,200 CR42: CR43 Advance Engineering \$16,000 CR42 / CR 19 Roundabout - Water & Sanitary \$18,800 CR42: Lesperance to CR19 - Sanitary \$148,500 Delduca Drive (Sanitary Sewer LRPCP) \$148,500 Sanitary Sewer Rehabilitation (I&I Removal - Phase \$3,000,000 Riverside Drive In-Line Storage Trunk Sanitary \$82,500 \$1,292,500 Ure Street (LRPCP) \$31,000 \$478,000 O'Neil Street Sanitary Sewer (LRPCP) \$35,350 \$530,650 Moynahan-Henin-Regal Sanitary Sewer (LRPCP) \$4,688,850 \$1,778,580 \$2,156,800 \$1,140,500 \$623,900						
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West Tecumseh Trunk (WW-1A) \$ 220,000 Diversion Sewers Intersection Road (WW-2) \$ 67,600 County Road 11 (Walker Road) \$952,000 Sylvestre Drive Sanitary Extension \$77,600 \$575,200 Westlake Drive - Sanitary, Storm, Water \$172,000 County Road #46/Webster/Laval Sanitary Extension \$166,700 \$838,200 CR42: CR43 Advance Engineering \$16,000 CR42 / CR 19 Roundabout - Water & Sanitary \$18,800 CR42: Lesperance to CR19 - Sanitary \$148,500 Delduca Drive (Sanitary Sewer LRPCP) \$148,500 Sanitary Sewer Rehabilitation (I&I Removal - Phase Riverside Drive In-Line Storage Trunk Sanitary \$3,000,000 Ure Street (LRPCP) \$31,000 O'Neil Street Sanitary Sewer (LRPCP) \$31,000 Moynahan-Henin-Regal Sanitary Sewer (LRPCP) \$35,350 Total Proposed \$4,688,850 \$1,778,580 \$2,156,800 \$1,140,500	Scully & St. Mark's Storm PS/Riverside Drive	\$20,550			\$ 339,550	
Diversion Sewers Intersection Road (WW-2) County Road 11 (Walker Road) Sylvestre Drive Sanitary Extension Westlake Drive - Sanitary, Storm, Water County Road #46/Webster/Laval Sanitary Extension CR42: CR43 Advance Engineering CR42: Lesperance to CR19 - Sanitary Delduca Drive (Sanitary Sewer LRPCP) Sanitary Sewer Rehabilitation (I&I Removal - Phase Riverside Drive In-Line Storage Trunk Sanitary Ure Street (LRPCP) O'Neil Street Sanitary Sewer (LRPCP) Moynahan-Henin-Regal Sanitary Sewer (LRPCP) Total Proposed \$952,000 \$577,600 \$577,600 \$177,000 \$166,700 \$166,700 \$1838,200 \$1838,200 \$18,800 \$18,800 \$118,800 \$11,890 \$11,292,50	Manning Rd/ETLD Relocation - Phase 2		\$91,880			
Diversion Sewers Intersection Road (WW-2) County Road 11 (Walker Road) Sylvestre Drive Sanitary Extension Westlake Drive - Sanitary, Storm, Water County Road #46/Webster/Laval Sanitary Extension CR42: CR43 Advance Engineering CR42: Lesperance to CR19 - Sanitary Delduca Drive (Sanitary Sewer LRPCP) Sanitary Sewer Rehabilitation (I&I Removal - Phase Riverside Drive In-Line Storage Trunk Sanitary Ure Street (LRPCP) O'Neil Street Sanitary Sewer (LRPCP) Moynahan-Henin-Regal Sanitary Sewer (LRPCP) Total Proposed \$952,000 \$577,600 \$577,600 \$177,000 \$166,700 \$166,700 \$1838,200 \$1838,200 \$18,800 \$18,800 \$118,800 \$11,890 \$11,292,50	West Tecumseh Trunk (WW-1A)				\$ 220,000	
Sylvestre Drive Sanitary Extension \$77,600 \$575,200 Westlake Drive - Sanitary, Storm, Water \$172,000 County Road #46/Webster/Laval Sanitary Extension \$166,700 \$838,200 CR42:CR43 Advance Engineering \$16,000 \$18,800 CR42 / CR 19 Roundabout - Water & Sanitary \$18,800 \$50,000 CR42: Lesperance to CR19 - Sanitary \$148,500 \$833,300 Delduca Drive (Sanitary Sewer LRPCP) \$148,500 \$833,300 Sanitary Sewer Rehabilitation (I&I Removal - Phase Riverside Drive In-Line Storage Trunk Sanitary \$3,000,000 \$1,292,500 Ure Street (LRPCP) \$31,000 \$478,000 O'Neil Street Sanitary Sewer (LRPCP) \$35,350 \$530,650 Moynahan-Henin-Regal Sanitary Sewer (LRPCP) \$4,688,850 \$1,778,580 \$2,156,800 \$1,140,500 \$623,900	Diversion Sewers Intersection Road (WW-2)					
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Westlake Drive - Sanitary, Storm, Water \$172,000 County Road #46/Webster/Laval Sanitary Extension \$166,700 CR42:CR43 Advance Engineering \$16,000 CR42 / CR 19 Roundabout - Water & Sanitary \$18,800 CR42: Lesperance to CR19 - Sanitary \$148,500 Delduca Drive (Sanitary Sewer LRPCP) \$148,500 Sanitary Sewer Rehabilitation (I&I Removal - Phase Riverside Drive In-Line Storage Trunk Sanitary \$3,000,000 Ure Street (LRPCP) \$31,000 O'Neil Street Sanitary Sewer (LRPCP) \$35,350 Moynahan-Henin-Regal Sanitary Sewer (LRPCP) \$4,688,850 Total Proposed \$4,688,850	Sylvestre Drive Sanitary Extension	\$77,600	\$575,200			
County Road #46/Webster/Laval Sanitary Extension \$166,700 \$838,200 CR42: CR43 Advance Engineering \$16,000 CR42 / CR 19 Roundabout - Water & Sanitary \$18,800 CR42: Lesperance to CR19 - Sanitary \$148,500 Delduca Drive (Sanitary Sewer LRPCP) \$148,500 Sanitary Sewer Rehabilitation (I&I Removal - Phase Riverside Drive In-Line Storage Trunk Sanitary \$3,000,000 Wire Street (LRPCP) \$31,000 O'Neil Street Sanitary Sewer (LRPCP) \$35,350 Moynahan-Henin-Regal Sanitary Sewer (LRPCP) \$4,688,850 Total Proposed \$4,688,850 \$1,778,580 \$2,156,800 \$1,140,500						
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•		\$4,688,850	\$1,778.580	\$2,156,800	\$1,140,500	
Balance Available (\$4,012,705) (\$1,828,540) (\$969,641) (\$1,010,541) \$1,129,059		\$.,000,000	÷ ., 5,550	+=,,	÷ 1,1 10,000	4020,000
	Balance Available	(\$4,012,705)	(\$1,828,540)	(\$969,641)	(\$1,010,541)	\$1,129,059