

5 Year Capital Plan Schedule
Durham Water & Wastewater Capacity Enhancement
West Grey

DRAFT

A Year 1 - 2022		2022				2023				2024				2025				2026			
Description		1st Qtr	2nd Qtr	3rd Qtr	4thQtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
1	Conducting a leak detection program to investigate water loss from known private services and to spot correct the identified leaks	<div></div>	<div></div>	<div></div>																	
2	Undertake 20 year cost-benefit analysis of southeast Durham well vs. new well at north end	<div></div>	<div></div>																		
3	Hydrogeological study report to identify areas for drilling new well	<div></div>																			
4	Engineering investigation of Water Storage Needs			<div></div>																	
5	Garafraxa Street (Garfraxa Bridge to Saddler St) Water, Storm & Sanitary Sewers - Final Design, contract documents preparation and obtain Environmental Certificate of Approval (ECA)	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>															
6	Garafraxa Street (Saddler St. to South St.) Water, Storm & Sanitary Sewers - Final Design, contract documents preparation			<div></div>	<div></div>																
7	Undertake topographic survey, geotechnical investigation and designing, tender documents preparation to tender in 2024.....Continued in Year 2			<div></div>	<div></div>																
8	Preliminary investigation of WWTP Capacity Enhancement (need 12-15% short-term increase in capacity but long-term is likely 40-50%) & MECP consultation			<div></div>																	
8	Commence Sch C EA for additional water supply and treatment as well as WWTP.....Continued in Year 2		<div></div>	<div></div>	<div></div>																

B Year 2 - 2023																					
1	Closed-Circuit Television (CCTV) Inspection of Sanitary Sewer on South St and under River					<div></div>	<div></div>	<div></div>													
2	Smoke Testing					<div></div>	<div></div>	<div></div>													
3	Continuation of Sch C EA from Year 1 (Item 8 in Year 1) additional water supply and treatment as well as WWTP					<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>									
4	Undertake water CAD Modelling						<div></div>	<div></div>													
5	Undertake sewer CAD Modelling (Need to complete study commenced in 2017)						<div></div>	<div></div>													
6	Commence designing of WTP, if EA completed								<div></div>	<div></div>	<div></div>	<div></div>									
7	Tendering & Construction of Garafraxa (Bridge to Sadler St)						<div></div>	<div></div>	<div></div>												
8	Designing of Sadler to South St. block for watermain, storm and sanitary sewers (continued from Year 1, Item 6)					<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>									

C Year 3 - 2024																					
1	Undertake designing of WWTP upgrades after EA completion										<div></div>	<div></div>	<div></div>	<div></div>							
2	Tendering and construction of new WTP										<div></div>	<div></div>	<div></div>	<div></div>							
3	Designing of new/additional water storage											<div></div>	<div></div>								

D Year 4 - 2025																					
1	Tendering and construction of WWTP upgrades													<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2	Tendering and Construction of Garafraxa (Sadler to South St)														<div></div>	<div></div>	<div></div>	<div></div>			

E Year 5 - 2026																					
1	Tendering and construction of new water reservoir and associated Booster Pumping Station upgrades																	<div></div>	<div></div>	<div></div>	<div></div>