

Updated on November 10, 2016
ASSET LEVELS OF SERVICE

SCHEDULE I

Program	Service Name	Asset Class	Level of Service	What does this mean?	Measure
Water	Lake Based Water Treatment	Intake	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet water treatment demand if largest piece of equipment fails	Performance
			Provide Standby Power Provide redundant power supply	Enough Standby Power to operate for 36 hours without electricity Two power feed lines into the plant	Performance Performance
		Pretreatment	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Security Systems in place and 24/7 monitoring	Monitor activity within the plant	Performance
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet water treatment demand if largest piece of equipment fails	Performance
			Provide capacity and technology to produce water of suitable quality	Provide sufficient system capacity to treat raw water to acceptable levels.	Performance
			Provide Standby Power Provide redundant power supply	Enough Standby Power to operate for 36 hours without electricity Two power feed lines into the plant	Performance Performance
			Water Disinfection	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life
		Backup capacity for all critical equipment (electrical and mechanical)		Plant can meet water treatment demand if largest piece of equipment fails	Performance
		Provide Standby Power Provide redundant power supply		Enough Standby Power to operate for 36 hours without electricity Two power feed lines into the plant	Performance Performance
		Provide capacity and technology to produce water of suitable quality		Provide sufficient system capacity to treat raw water to acceptable levels.	Performance
		Automated monitoring systems in place		Monitor activity within the plant	Performance
		Filtration		Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life
			Provide capacity and technology to produce water of suitable quality	Provide sufficient system capacity to treat raw water to acceptable levels.	Performance
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet water treatment demand if largest piece of equipment fails	Performance
			Provide Standby Power Provide redundant power supply	Enough Standby Power to operate for 36 hours without electricity Two power feed lines into the plant	Performance Performance
			Automated monitoring systems in place	Monitor activity within the plant	Performance
			Treated Water Storage	Reservoir Condition Score = B (2.5)	Maintain Plant Reservoir in Good Condition (as per Reservoir Score Matrix)
		Reservoir Performance Score = B (2.5)		Reservoir to meet safety, hydraulic and security standards	Performance
		Chemical Systems	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet water treatment demand if largest piece of equipment fails	Performance
			Provide capacity and technology to produce water of suitable quality	Provide sufficient system capacity to treat raw water to acceptable levels.	Performance
			Provide Standby Power Provide redundant power supply	Enough Standby Power to operate for 36 hours without electricity Two power feed lines into the plant	Performance Performance
		High Lift Pumps	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet water treatment demand if largest piece of equipment fails	Performance
			Provide Standby Power Provide redundant power supply	Enough Standby Power to operate for 36 hours without electricity Two power feed lines into the plant	Performance Performance
			Provide adequate pressure during maximum day demands periods	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance
		Plant Wide Support Systems	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet water treatment demand if largest piece of equipment fails	Performance

Notes:

SoGR - To measure and maintain State of Good Repair
 Performance - To measure/maintain sufficient quality and quantity of service and/or mitigate service risks

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Program	Service Name	Asset Class	Level of Service	What does this mean?	Measure	
Water	Water Distribution	Distribution Mains (Less than 400 mm in diameter)	Maximum 7 breaks per km of pipe	Replace watermain when it is anticipated to reach 7 breaks per km equivalent	SoGR	
			Maintain a minimum pressure of 50 psi during maximum day demand periods	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance	
		Small Feeder mains (400 to 600 mm)	Maximum 2 breaks per km of pipe	Replace Watermain when it is anticipated to reach 2 breaks per km equivalent	SoGR	
			Maintain a minimum pressure of 50 psi during maximum day demand periods	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance	
		Large Feeder mains (Larger than 600 mm)	No Breaks	Replace before breaks could occur. Refining of TLOS is pending further condition assessment studies	SoGR	
			Provide sufficient system capacity to meet average day demand during a failure event.	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance	
			Maintain a minimum pressure of 50 psi during maximum day demand periods	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance	
		Transmission Mains	No Breaks	Replace before breaks could occur. Refining of TLOS is pending further condition assessment studies	SoGR	
			Provide sufficient system capacity to meet average day demand during a failure event.	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance	
			Maintain acceptable velocity	Water velocity within the transmission main to be kept at less than 3 m/s	Performance	
		Water Storage and Pumping	Water Pumping Station	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
				Back up pump capacity	Can meet operations demand if largest piece of equipment fails	Performance
	Maintain a minimum pressure of 50 psi during maximum day demand periods			Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance	
	Standby Power for critical systems			Enough Standby Power to operate for 36 hours without electricity	Performance	
	Secondary Disinfection System for Rechlorination			Rechlorinate water within reservoir if needed	Performance	
	Elevated Tanks		Reservoir Condition Score = B (2.5)	Maintain Elevated Tank in Good Condition (as per Reservoir Score Matrix)	SoGR	
			Reservoir Performance Score = B (2.5)	Elevated Tank to meet safety, hydraulic and security standards	Performance	
	Reservoirs		Reservoir Condition Score = B (2.5)	Maintain Reservoir in Good Condition (as per Reservoir Score Matrix)	SoGR	
			Reservoir Performance Score = B (2.5)	Reservoir to meet safety, hydraulic and security standards	Performance	
	Water Automation	Water Treatment Automation Systems (SCADA)	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR	
			Provision of redundant network components (WAN)	Backup Network Components to prevent loss of connection	Performance	
			Automatic redundant infrastructure	Backup for critical SCADA components	Performance	
			Replace hardware before obsolescence	Replace hardware before it becomes less efficient/ not compatible with systems	Performance	
			Provide Standby Power	Enough Standby Power to operate for 36 hours without electricity	Performance	
			Provide redundant power supply	Two power feed lines into the plant	Performance	
			Physical security devices	Site Security against tampering	Performance	
		Server configuration to block and detect unauthorized access	Network Security to prevent unauthorized access	Performance		
		Water Pump Station Automation Systems (SCADA)	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR	
			Provision of redundant network components (WAN)	Backup Network Components to prevent loss of connection	Performance	
Automatic redundant infrastructure			Backup for critical SCADA components	Performance		
Replace hardware before obsolescence			Replace hardware before it becomes less efficient/ not compatible with systems	Performance		
Provide redundant power supply			Two power feed lines into the plant	Performance		
Physical security devices	Site Security against tampering		Performance			

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Water	Groundwater Systems	Wells	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Must meet design capacity	Well can meet water treatment demand	Performance
		Well Pumps	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Must meet design capacity	Well can meet water treatment demand	Performance
			Provide sufficient capacity to ensure a minimum service pressure of 50 psi during maximum day demands periods	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance
			Provide back up pump capacity	Can meet operations demand if largest piece of equipment fails	Performance
		Well Disinfection	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Provide backup capacity for all critical process components	Can meet operations demand if largest piece of equipment fails	Performance
		Wells Power Supply	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Provide Standby Power	Enough Standby Power to operate for 24 hours without electricity	Performance
		Groundwater Booster Pumps	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Back up pump capacity	Can meet operations demand if largest piece of equipment fails	Performance
			Maintain a minimum pressure of 50 psi during maximum day demand periods	Provide sufficient system capacity to maintain acceptable pressure within the water distribution system	Performance
		Groundwater Water Storage	Reservoir Condition Score = B (2.5)	Maintain Elevated Tank in Good Condition (as per Reservoir Score Matrix)	SoGR
	Reservoir Performance Score = B (2.5)			Maintain Reservoirs and Standpipes to meet safety, hydraulic and security standards	Performance
	Reservoir Condition Score = B (2.5)		Maintain Elevated Tank in Good Condition (as per Reservoir Score Matrix)	SoGR	
	Water Facilities	Water General Storage	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = C (Fair)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = C (Fair)	Site and Security	Performance
			Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance
		Water Heavy Industrial	Accessibility Features = C (Fair)	Building Accessibility	Performance
			Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
		Water Medium Industrial	Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = C (Fair)	Building Accessibility	Performance
Building and Property Condition = B (Good)			Building Condition - Based on Facility Condition Index	SoGR	
Building Quality and Relationship to Current Standards = C (Fair)			Building's compliance with current code	Performance	
Facility Finishes and Fixtures = C (Fair)			Condition of Finishes and Fixtures	Performance	
Capacity and Change Adaptability for Program Requirements = B (Good)			Building Capacity and suitability to service delivery	Performance	
Water Process Support Structures		Building Environment and Security = B (Good)	Site and Security	Performance	
		Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance	
		Accessibility Features = C (Fair)	Building Accessibility	Performance	
		Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR	
		Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance	
		Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance	
Water Facilities Site Elements		Capacity and Change Adaptability for Program Requirements = C (Fair)	Building Capacity and suitability to service delivery	Performance	
		Building Environment and Security = B (Good)	Site and Security	Performance	
Water Facilities Site Elements		Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance	
		Accessibility Features = C (Fair)	Building Accessibility	Performance	
Water Facilities Site Elements	Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR		

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Wastewater	Wastewater Treatment	South Peel - Headworks	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance
			Plant operating capacity during dry weather flows not to exceed 90% of total rated capacity	Plant flow in dry water should not be more than 90% of the total design capacity	Performance
			Secondary electrical supply and standby power for all critical process and life safety assets.	Enough Standby Power to operate for 36 hours without electricity and secondary power feed	Performance
		South Peel - Primary Treatment	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance
			Plant operating capacity during dry weather flows not to exceed 90% of total rated capacity	Plant flow in dry water should not be more than 90% of the total design capacity	Performance
		South Peel - Secondary Treatment	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance
			Plant operating capacity during dry weather flows not to exceed 90% of total rated capacity	Plant flow in dry water should not be more than 90% of the total design capacity	Performance
	South Peel - Disinfection Systems	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR	
		Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance	
		Plant operating capacity during dry weather flows not to exceed 90% of total rated capacity	Plant flow in dry water should not be more than 90% of the total design capacity	Performance	
		Secondary electrical supply and standby power for all critical process and life safety assets.	Enough Standby Power to operate for 36 hours without electricity and secondary power feed	Performance	
	Communal Wastewater Treatment	South Peel - Biosolids Treatment	Disinfection system to operate at peak wet weather flows.	Able to disinfect additional flows due to rain storms	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance
			Plant operating capacity during dry weather flows not to exceed 90% of total rated capacity	Plant flow in dry water should not be more than 90% of the total design capacity	Performance
		South Peel - Plant Wide Support Systems	Backup on-site fuel supply.	Enough Fuel to start incinerators	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet water treatment demand if largest piece of equipment fails	Performance
Communal Wastewater Treatment	North Peel - Headworks	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR	
		Plant operating capacity during dry weather flows not to exceed 90% of total rated capacity	Plant flow in dry water should not be more than 90% of the total design capacity	Performance	
		Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance	
		Standby power for critical equipment	Enough Standby Power to operate without electricity	Performance	
	North Peel - Treatment	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR	
		Plant rated capacity maximum of 90% of actual capacity.	Plant flow in dry water should not be more than 90% of the total design capacity	Performance	
		Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance	
		Standby power for critical equipment	Enough Standby Power to operate without electricity	Performance	
	North Peel - Disinfection	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR	
		Backup capacity for all critical equipment (electrical and mechanical)	Plant can meet wastewater treatment demand if largest piece of equipment fails	Performance	
		Standby power for critical equipment	Enough Standby Power to operate without electricity	Performance	

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Program	Service Name	Asset Class	Level of Service	What does this mean?	Measure
Wastewater	Wastewater Collection	Collection Sewers	Maintain PACP Condition Grade = Level 3	Replace when sewer is no longer in good condition	SoGR
			No surcharging of pipes	Have sewers of sufficient capacity to prevent surcharging	Performance
		Sub Trunk Sewers	Maintain PACP Condition Grade = Level 3	Replace when sewer is no longer in good condition	SoGR
			Maximum hydraulic grade line = 3m below the ground surface elevation directly above the pipe or the top of pipe; whichever is less	Place sewers deep enough to prevent surcharging	Performance
			Easement access to sewers	Sewers must be accessible for maintenance	Performance
		Trunk Sewers	Maintain PACP Condition Grade = Level 3	Replace when sewer is no longer in good condition	SoGR
			Maximum hydraulic grade line = 3m below the ground surface elevation directly above the pipe or the top of pipe; whichever is less	Place sewers deep enough to prevent surcharging	Performance
			Easement access to sewers	Sewers must be accessible for maintenance	Performance
		Odour and Corrosion Control Systems	Slope Erosion protection around creeks and rivers (geomorphology)	Prevent trunk sewers from being exposed by erosion	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
		Forcemains	No Breaks	Replace before breaks could occur. Refining of TLOS is pending further condition assessment studies	SoGR
			Secondary forcemain or storage capacity	Twinned or enough capacity to prevent overflows	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
		Wastewater Pumping Stations	Alarmed	Alarm to alert overflows	Performance
	Backup capacity for all critical equipment (mechanical)		Can continue to operate if largest piece of equipment fails	Performance	
	Ensure standby power or sufficient wetwell storage to meet Ministry of the Environment regulations		Enough Standby Power to operate without electricity or enough storage to prevent overflows	Performance	
	Maintain Equipment at a Condition Rating = B (Good)		Replace equipment when it reaches its estimated service life	SoGR	
	Wastewater Automation	Wastewater Treatment Automation Systems (SCADA)	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Provision of redundant network components (WAN)	Backup Network Components to prevent loss of connection	Performance
			Automatic redundant infrastructure	Backup for critical SCADA components	Performance
			Replace hardware before obsolescence	Replace hardware before it becomes less efficient/ not compatible with systems	Performance
			Provide Standby Power	Enough Standby Power to operate for 36 hours without electricity	Performance
			Provide redundant power supply	Two power feed lines into the plant	Performance
		Wastewater Pump Station Automation Systems (SCADA)	Physical security devices	Site Security against tampering	Performance
			Server configuration to block and detect unauthorized access	Network Security to prevent unauthorized access	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Replace hardware before obsolescence	Replace hardware before it becomes less efficient/ not compatible with systems	Performance
	Wastewater Facilities	Wastewater Administrative Offices	Provide redundant power supply	Two power feed lines into the plant	Performance
			Physical security devices	Site Security against tampering	Performance
			Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
Building Quality and Relationship to Current Standards = C (Fair)			Building's compliance with current code	Performance	
Facility Finishes and Fixtures = B (Good)			Condition of Finishes and Fixtures	Performance	
Capacity and Change Adaptability for Program Requirements = B (Good)			Building Capacity and suitability to service delivery	Performance	
Wastewater General Storage		Building Environment and Security = B (Good)	Site and Security	Performance	
		Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance	
		Accessibility Features = B (Good)	Building Accessibility	Performance	
		Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR	
Wastewater General Storage	Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance		
	Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance		
	Capacity and Change Adaptability for Program Requirements = C (Fair)	Building Capacity and suitability to service delivery	Performance		
	Building Environment and Security = C (Fair)	Site and Security	Performance		
	Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance		
	Accessibility Features = C (Fair)	Building Accessibility	Performance		

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Program	Service Name	Asset Class	Level of Service	What does this mean?	Measure
Wastewater	Wastewater Facilities	Wastewater Heavy Industrial	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = C (Fair)	Building Accessibility	Performance
		Wastewater Medium Industrial	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = C (Fair)	Building Accessibility	Performance
		Wastewater Light Industrial	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = C (Fair)	Building Accessibility	Performance
		Wastewater Process Support Structures	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
Capacity and Change Adaptability for Program Requirements = C (Fair)	Building Capacity and suitability to service delivery		Performance		
Building Environment and Security = B (Good)	Site and Security		Performance		
Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery		Performance		
Accessibility Features = C (Fair)	Building Accessibility		Performance		
Wastewater Treatment Facilities Site Elements	Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR		
Wastewater Collection Facilities Site Elements	Building Site Condition = C (Fair)	Site Condition - Based on Condition Index	SoGR		
Transportation	Roads	Roads	Minimum pavement condition index = 72	Regional Roads to be kept in good condition	SoGR
			Pavement rehabilitations and road reconstruction to incorporate all feasible and practical aspects of Peel's Road Characterization Policy	Road rehabilitations will retrofit aspects of the Road Characterization Policy where feasible and practical	Performance
		Stormwater Pumping Stations	Maintain Equipment at a Condition Rating = C (Fair)	Replace equipment when it reaches its estimated service life	SoGR
			Backup capacity for all critical equipment (mechanical)	Can continue to operate if largest piece of equipment fails	Performance
			Ensure standby power or sufficient wetwell storage to meet Ministry of the Environment regulations	Enough Standby Power to operate without electricity or enough storage to prevent overflows	Performance
		Stormwater Management System	Secondary forcemain or storage capacity	Twinned or enough capacity to prevent overflows	Performance
			Maintain PACP Condition Grade = Level 3 for storm sewers	Replace when storm sewer is no longer in good condition	SoGR
		Bridges and Grade Major Culvert	Sufficient storm sewer and overland capacity to accommodate major storm events		Performance
			Minimum bridge condition index = 91	Maintain Structures in Good Condition	SoGR
		Regional Noise Walls	Minimum condition index = 91	Maintain Structures in Good Condition	SoGR
Minimum overall rating = C (Fair)	Walls must be maintained in fair condition		SoGR		
Regional Retaining Walls	Replace and relocate private noise walls to Regional Property when minimum overall rating <= C (Fair)	Service Improvement; Maintenance of walls in fair condition per Council Resolution 2015-663	Performance		
	Minimum overall rating = C (Fair)	Walls must be maintained in fair condition	SoGR		

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Transportation	Transportation Facilities	Transportation Medium Industrial	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance
		Accessibility Features = C (Fair)	Building Accessibility	Performance	
		Stormwater Facilities Site Elements	Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR
Waste Management	Recycling	Material Recovery Equipment	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Redundancy on most critical equipment.	Plant can still operate if some of the equipment fails	Performance
			2 days on-site material storage capacity on tipping floor	To accommodate temporary loss of processing capacity	Performance
			Standby Power	Some Standby power to operate if electricity is lost	Performance
	Garbage	Transfer Stations	Achievement of design throughput and market specifications for sorted materials	Must have enough equipment and right configuration to produce materials which meet market specifications	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Redundancy on critical equipment	Plant can still operate if some of the equipment fails	Performance
	Organics and Yard Waste	Composting and Curing	2-4 days storage requirements on tipping floor	To accommodate temporary storage of materials	Performance
			Standby Power	Some Standby power to operate if electricity is lost	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
	CRCs	CRCs	Redundancy - modular box system	Plant can still operate if some of the equipment fails	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
	Landfills and Remediation	Leachate Collection System (Pumping)	On-site storage in Transfers and bins (1 day)	To accommodate temporary storage of materials	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
		Gas Collection Systems	Backup capacity for all critical equipment (mechanical)	Can continue to operate if largest piece of equipment fails	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
	Waste Management Automation	Waste Management Automation Systems (SCADA)	Standby Power	Standby power to operate if electricity is lost	Performance
			Automatic redundant infrastructure	Backup for critical SCADA components	Performance
			Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Replace hardware before obsolescence	Replace hardware before it becomes less efficient/ not compatible with systems	Performance
	Waste Management Facilities	Waste Management Administrative Offices	Provide redundant power supply	Standby power to operate if electricity is lost	Performance
			Physical security devices	Site Security against tampering	Performance
			Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
		Waste Management Process Support Structures	Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance
Accessibility Features = B (Good)			Building Accessibility	Performance	
Building and Property Condition = B (Good)			Building Condition - Based on Facility Condition Index	SoGR	
Building Quality and Relationship to Current Standards = C (Fair)			Building's compliance with current code	Performance	
Facility Finishes and Fixtures = C (Fair)			Condition of Finishes and Fixtures	Performance	
Capacity and Change Adaptability for Program Requirements = C (Fair)			Building Capacity and suitability to service delivery	Performance	
Building Environment and Security = B (Good)			Site and Security	Performance	
Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance			
Accessibility Features = C (Fair)	Building Accessibility	Performance			

Notes:

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Program	Service Name	Asset Class	Level of Service	What does this mean?	Measure
Waste Management	Waste Management Facilities	Waste Management Commercial Light Industrial	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = C (Fair)	Building Accessibility	Performance
		Waste Management Retail Spaces	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = B (Good)	Building Accessibility	Performance
		Waste Management Labour Intense Heavy Industrial	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = C (Fair)	Building Accessibility	Performance
		Waste Management Public Offices	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = B (Good)	Building Accessibility	Performance
Waste Management Medium Industrial	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR		
	Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance		
	Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance		
	Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance		
	Building Environment and Security = B (Good)	Site and Security	Performance		
	Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance		
	Accessibility Features = C (Fair)	Building Accessibility	Performance		
Waste Management Facilities Site Elements	Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR		
Operations Support	Public Works Yards	Operations Support Administrative Offices	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
			Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance
			Building Environment and Security = B (Good)	Site and Security	Performance
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance
			Accessibility Features = B (Good)	Building Accessibility	Performance
	Operations Support General Storage	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR	
		Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance	
		Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance	
		Capacity and Change Adaptability for Program Requirements = C (Fair)	Building Capacity and suitability to service delivery	Performance	
		Building Environment and Security = C (Fair)	Site and Security	Performance	
		Building Amenities for Service Delivery = C (Fair)	Amenities suitability for Service Delivery	Performance	
		Accessibility Features = C (Fair)	Building Accessibility	Performance	

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Program	Service Name	Asset Class	Level of Service	What does this mean?	Measure	
Operations Support	Public Works Light Industrial	Operations Support	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR	
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance	
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance	
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance	
			Building Environment and Security = B (Good)	Site and Security	Performance	
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance	
	Public Works Yards	Operations Support Ancillary Storage	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR	
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance	
			Facility Finishes and Fixtures = D (Poor)	Condition of Finishes and Fixtures	Performance	
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance	
			Building Environment and Security = B (Good)	Site and Security	Performance	
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance	
All Public Works Programs	Fleet and Equipment	Operations Support Facilities Site Elements	Building Site Condition = C (Fair)	Site Condition - Based on Condition Index	SoGR	
		Light and Medium Duty Vehicles	Maintain Fleet and Equipment at a Condition Rating = B (Good)	Replace fleet and equipment when it reaches its estimated service life	SoGR	
			Heavy Duty Vehicles and Equipment	Maintain Fleet and Equipment at a Condition Rating = B (Good)	Replace fleet and equipment when it reaches its estimated service life	SoGR
Long Term Care	Long Term Care	Long Term Care Facilities	Standard (or small) Equipment	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Trailers	Maintain Equipment at a Condition Rating = B (Good)	Replace equipment when it reaches its estimated service life	SoGR
			Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR	
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance	
			Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance	
Human Services	Homelessness Shelters and Prevention	Shelter Facilities	Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance	
			Building Environment and Security = B (Good)	Site and Security	Performance	
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance	
			Accessibility Features = B (Good)	Building Accessibility	Performance	
			Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR	
			Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR	
		Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance		
		Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance		
Children's Services	Children's Services Operations	Child Care Centres Facilities	Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance	
			Building Environment and Security = B (Good)	Site and Security	Performance	
		Child Care Centres Site Elements	Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR	

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Program	Service Name	Asset Class	Level of Service	What does this mean?	Measure		
Real Property Asset Management	Facilities Services	Headquarters Facilities	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR		
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance		
			Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures	Performance		
			Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery	Performance		
			Building Environment and Security = B (Good)	Site and Security	Performance		
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance		
		Accessibility Features = B (Good)	Building Accessibility	Performance			
		Headquarters Facilities Site Elements	Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR		
		Paramedics	Peel Regional Paramedic Service	Reporting Stations	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
					Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
Facility Finishes and Fixtures = B (Good)	Condition of Finishes and Fixtures				Performance		
Capacity and Change Adaptability for Program Requirements = B (Good)	Building Capacity and suitability to service delivery				Performance		
Building Environment and Security = B (Good)	Site and Security				Performance		
Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery				Performance		
Accessibility Features = B (Good)	Building Accessibility			Performance			
Satellite Stations	Building and Property Condition = B (Good)			Building Condition - Based on Facility Condition Index	SoGR		
	Building Quality and Relationship to Current Standards = C (Fair)			Building's compliance with current code	Performance		
	Facility Finishes and Fixtures = B (Good)			Condition of Finishes and Fixtures	Performance		
	Capacity and Change Adaptability for Program Requirements = B (Good)			Building Capacity and suitability to service delivery	Performance		
	Building Environment and Security = B (Good)			Site and Security	Performance		
	Building Amenities for Service Delivery = B (Good)			Amenities suitability for Service Delivery	Performance		
Accessibility Features = B (Good)	Building Accessibility			Performance			
Paramedic Facilities Site Elements	Building Site Condition = B (Good)			Site Condition - Based on Condition Index	SoGR		
Housing	Peel Regional Affordable Housing			High Density Social Housing	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR
					Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance
					Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance
		Capacity and Change Adaptability for Program Requirements = C (Fair)	Building Capacity and suitability to service delivery		Performance		
		Building Environment and Security = B (Good)	Site and Security		Performance		
		Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery		Performance		
		Accessibility Features = B (Good)	Building Accessibility	Performance			
		Medium Density Social Housing	Building and Property Condition = B (Good)	Building Condition - Based on Facility Condition Index	SoGR		
			Building Quality and Relationship to Current Standards = C (Fair)	Building's compliance with current code	Performance		
			Facility Finishes and Fixtures = C (Fair)	Condition of Finishes and Fixtures	Performance		
			Capacity and Change Adaptability for Program Requirements = C (Fair)	Building Capacity and suitability to service delivery	Performance		
			Building Environment and Security = B (Good)	Site and Security	Performance		
			Building Amenities for Service Delivery = B (Good)	Amenities suitability for Service Delivery	Performance		
		Accessibility Features = B (Good)	Building Accessibility	Performance			
		Peel Region Social Housing Facility Site Elements	Building Site Condition = B (Good)	Site Condition - Based on Condition Index	SoGR		

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