



Goal	KPI	Applicable System		Breakdown	Units
		Туре	Metering Level		
Ensure Adequate Capacity	Hours of water storage capacity at ADD	Integrated	All Levels	Water storage capacity at ADD Lab Service Workorders Exceeding Turnaround	#
⊒ A G	Lab Service Workorders Exceeding Turnaround Time	All Systems	All Levels	Time	%
Have Satisfied and Informed Customers	Percent Attainment of After Working Hours Emergency Target	All Systems	All Levels	% Attainment of After Working Hours Emergency Target	%
	Percent Attainment of After Working Hours Non-Emergency Target	All Systems	All Levels	% Attainment of After Working Hours Non-	%
		All Systems	All Levels	Emergency Target % Attainment of During Working Hours	%
	Percent Attainment of During Working Hours Emergency Target	All Systems	All Levels	Emergency Target % Attainment of During Working Hours Non-	
	Percent Attainment of During Working Hours Non-Emergency Target	All Systems	All Levels	Emergency Target	%
	Water Pressure Complaints by Customers	All Systems	All Levels	High Water Pressure Complaints	# / 1,000 People Served
	Water Quality Customer Complaints	All Systems	All Levels	Low Water Pressure Complaints Colour	# / 1,000 People Served # / 1,000 People Served
але				Other or unknown causes	# / 1,000 People Served
				Taste and odour	# / 1,000 People Served
				Temperature	# / 1,000 People Served
	Average Unit Cost of Meters Replaced	Distribution & Integrated	Universal	Unit Cost	\$ / meter
		All Systems	All Levels	Other	%
				Water Sales	%
	Breakdown of Utility Payanua			Service Charges	%
	Breakdown of Utility Revenue			Municipal Taxes Development Charges	%
				Grants	%
				Interest Earned	%
	Cost of Chemicals Used in Distribution System	All Systems	All Levels	Cost of Chemicals Used in Distribution System	\$ / km Length
	Cost of Customer Billing	Distribution & Integrated	Universal	Cost of Customer Billing	\$ / Number of Service Connections
	Cost of Fire Hydrant O&M	Distribution &	All Levels	Cost of Fire Hydrant O&M	\$ / hydrant
	Cost of Main Break Repairs / Total O&M Cost	Integrated All Systems	All Levels	Cost of Main Break Repairs / Total O&M Cost	%
	Cost of Meter Reading	All Systems	Universal	Cost of Meter Reading	\$ / meter
	Cost of Performing Locates	All Systems	All Levels	Cost of Performing Locates	\$ / km Length
	Cost of Water Quality Monitoring	Integrated	All Levels	Cost of Water Quality Monitoring	\$ / capita
	Cost to Provide Water			Capital Cost Debt Servicing	\$ / Population Served \$ / Population Served
		Distribution &	A !! ! ! .	Indirect Cost	\$ / Population Served
		Integrated	All Levels	O&M Cost	\$ / Population Served
				Regional Water Purchased	\$ / Population Served
				Water Customer Billing	\$ / Population Served
_	Current Capital Reserves / Replacement Value	All Systems	All Levels		
ency	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs	All Systems All Systems	All Levels	Current Capital Reserves / Replacement Value	%
fficiency		All Systems All Systems All Systems			%
iic Efficiency	Current Operating Reserves / O&M Costs	All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid	%
nomic Efficiency	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment	All Systems All Systems All Systems	All Levels All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid	96 96 96
Economic Efficiency	Current Operating Reserves / O&M Costs Debt / Annual Revenue	All Systems All Systems	All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio	96 96 96 96 96
with Economic Efficiency	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment	All Systems All Systems All Systems	All Levels All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid	96 96 96
ints with Economic Efficiency	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment	All Systems All Systems All Systems	All Levels All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical	% % % # / 100 km Length # / 100 km Length # / 100 km Length
ements with Economic Efficiency	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio	All Systems All Systems All Systems All Systems	All Levels All Levels All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / 0&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management	% % % # / 100 km Length
quirements with Economic Efficiency	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio	All Systems All Systems All Systems All Systems	All Levels All Levels All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering	% % # / 100 km Length
Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio	All Systems All Systems All Systems All Systems All Systems	All Levels All Levels All Levels All Levels All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / 0&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management	% % % # / 100 km Length
ice Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio	All Systems All Systems All Systems All Systems	All Levels All Levels All Levels All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads	% % # / 100 km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs	All Systems All Systems All Systems All Systems All Systems All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes	% % % # / 100 km Length \$ / 100 km Length \$ / Population Served \$ / Population Served \$ / Population Served \$ / Population Served
ice Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost	All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost	% % % # / 100 km Length \$ / 100 km Length \$ / 100 km Length \$ / Population Served \$ / Internal Parameters Analyzed
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs	All Systems All Systems All Systems All Systems All Systems All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes	% % % # / 100 km Length \$ / 100 km Length \$ / Population Served \$ / Population Served \$ / Population Served \$ / Population Served
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost	All Systems Distribution &	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy	% % # / 100 km Length \$ / Population Served \$ / Population Served \$ / Population Served \$ / Internal Parameters Analyzed \$ / meter ('000 \$) / km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost	All Systems Distribution &	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials	% % # / 100 km Length \$ / Population Served \$ / Internal Parameters Analyzed \$ / meter (*000 \$) / km Length (*000 \$) / km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost	All Systems Distribution & Integrated	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy	% % % #/100 km Length \$/Population Served \$/Internal Parameters Analyzed \$/Internal Parameters Analyzed \$/meter ('000 \$)/km Length ('000 \$)/km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost	All Systems Distribution &	All Levels Universal	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Cierical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services	% % # / 100 km Length \$ / Population Served \$ / Internal Parameters Analyzed \$ / meter (*000 \$) / km Length (*000 \$) / km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost	All Systems Distribution & Integrated	All Levels Universal	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Other Staff Training	% % # / 100 km Length \$ / Population Served \$ / Population Served \$ / Population Served \$ / Population Served \$ / Internal Parameters Analyzed \$ / meter ('000 \$) / km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost	All Systems Distribution & Integrated	All Levels Universal	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages	% % #/100 km Length S/Population Served \$/Population Serve
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost	All Systems Distribution & Integrated	All Levels Universal	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Other Staff Training Wages Capital Reinvestment	% % % #/100 km Length \$/Population Served \$/Population Se
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost	All Systems Distribution & Integrated All Systems All Systems	All Levels Universal All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages	% % #/100 km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost	All Systems Distribution & Integrated	All Levels Universal	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages Capital Reinvestment O&M	% % % #/100 km Length \$/Population Served \$/Populatio
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost	All Systems Distribution & Integrated All Systems All Systems	All Levels Universal All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages Capital Reinvestment O&M Pipe Pump Station Pipe O&M Cost	% % #/100 km Length #/10
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost Pipe and Pump O&M Cost Pipe O&M Cost	All Systems Distribution & Integrated All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages Capital Reinvestment O&M Pipe Pump Station Pipe O&M Cost Diesel	% % #/100 km Length \$/Population Served
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost D&M Cost + Capital Reinvestment Pipe and Pump O&M Cost	All Systems Distribution & Integrated All Systems All Systems All Systems All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages Capital Reinvestment O&M Pipe Pump Station Pipe O&M Cost Diesel Electricity	% % #/100 km Length \$/Population Served \$/Internal Parameters Analyzed \$/Interna
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost Pipe and Pump O&M Cost Pipe O&M Cost	All Systems Distribution & Integrated All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages Capital Reinvestment O&M Pipe Pump Station Pipe O&M Cost Diesel	% % #/100 km Length \$/Population Served
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost Pipe and Pump O&M Cost Pump Station Energy Consumed Pump Station O&M Cost	All Systems Distribution & Integrated All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Other Staff Training Wages Capital Reinvestment O&M Pipe Pump Station Pipe O&M Cost Diesel Electricity Natural Gas	% % # / 100 km Length \$ / Population Served \$ / Population Served \$ / Population Served \$ / Population Served \$ / Internal Parameters Analyzed \$ / meter ('000 \$) / km Length
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost Pipe O&M Cost Pump Station Energy Consumed	All Systems Distribution & Integrated All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Other Staff Training Wages Capital Reinvestment O&M Pipe Pump Station Pipe O&M Cost Diesel Electricity Natural Gas Pump Station O&M Cost Internal External External	% % % #/100 km Length #/10 km Length #/100 km Length #/10
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost Pipe and Pump O&M Cost Pipe O&M Cost Pump Station Energy Consumed Pump Station O&M Cost Total Laboratory Services Costs Water Charge for a Typical Size Residential Connection Using Canadian	All Systems Distribution & Integrated All Systems Distribution & Integrated	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Internal Contracted Services Capital Reinvestment O&M Pipe Staff Training Wages Capital Reinvestment O&M Pipe O&M Cost Diesel Electricity Natural Gas Pump Station O&M Cost Internal External External External Water Charge for a Typical Size Residential Connection Using Canadian Average	% % #/100 km Length #/10 km Length #/100 km Length #
Service Requirements with	Current Operating Reserves / O&M Costs Debt / Annual Revenue Debt Payment Debt Ratio FTEs Indirect Costs Internal Laboratory Services Cost Metering O&M Cost O&M Cost O&M Cost Pipe and Pump O&M Cost Pipe O&M Cost Pump Station Energy Consumed Pump Station O&M Cost Total Laboratory Services Costs	All Systems Distribution & Integrated All Systems	All Levels	Current Capital Reserves / Replacement Value Current Operating Reserves / O&M Costs Debt / Annual Revenue Principal Paid Interest Paid Debt Ratio Laboratory O&M Program Support and Clerical Supervisor/ Management Technical/ Engineering Administrative Overheads Conservation Area Charges Dividends Paid to City Property Taxes Internal Laboratory Services Cost Metering O&M Cost Energy Equipment and Materials External Contracted Services Other Staff Training Wages Capital Reinvestment O&M Pipe Pump Station Pipe O&M Cost Diesel Electricity Natural Gas Pump Station O&M Cost Internal External Uniternal External Water Charge for a Typical Size Residential	% % % #/100 km Length #/100 km Lengt

Goal	KPI	Applicable System		Breakdown	Units
		Туре	Metering Level		
Protect Public Health and Safety	Average Value for THMs Average Value for Turbidity	All Systems All Systems	All Levels	Average THMs Average Turbidity	mg / L
	Boil Water Advisory Days	All Systems	All Levels	Boil Water Advisory Days	#
	Connections Affected by Boil Water Advisory	All Systems	All Levels	Connections Affected by Boil Water Advisory	# / 1,000 Service Connections
	Cost of Cross-Connection Control Program	Distribution & Integrated	All Levels	Cost of Cross-Connection Control Program	\$ / Total # of Service Connections
	Cumulative Length Cleaned / System Length	All Systems	All Levels	Cumulative Length Cleaned / System Length	%
	Days with Total Coliform over Group Target	All Systems	All Levels	Days with Total Coliform over Group Target	#
	Average Residential Daily Consumption	Distribution & Integrated	All Levels	Average Residential Daily Consumption	L / Cap / day
		All Systems	All Levels	Organic	%
	Breakdown of External Lab Parameters Analyzed			Inorganic Micro	%
				Metals	%
ŧ	Breakdown of Internal Lab Parameters Analyzed	All Systems	All Levels	Organic	%
e e				Inorganic	%
Protect the Environment				Micro	%
				Metals Internal	%
ŧ	Breakdown of Internal vs. External Lab Parameters Analyzed	All Systems	All Levels	External	%
Protec	Cost of Leak Detection Program	All Systems	All Levels	Cost of Leak Detection Program	# / km Length
	Cost of Water Conservation Program	All Systems	All Levels	Cost of Water Conservation Program	\$ / capita
	Days of Water Restrictions Number of Lab Non-Conformances	All Systems All Systems	All Levels	Days of Water Restrictions	# / 1 000 Complet
	Peaking Factor	All Systems	All Levels	Number of Lab Non-Conformances Peaking Factor	# / 1,000 Samples MDD / ADD
	Percent Metered	Distribution &	All Levels	Percent Metered	%
	Total Annual Internal Lab Parameters Analyzed	Integrated All Systems	All Levels	Total Annual Internal Lab Parameters Analyzed	#/FTE
	Cost of Overtime Hours	All Systems	All Levels	Cost of Overtime Hours	\$ / O&M FTE
		-		20-30 yrs	%
				31-40 yrs	%
93	Distribution of Workforce by Age	All Systems	All Levels	41-50 yrs	%
kpla				51-60 yrs 61-70 yrs	%
No.	Field Accidents with Lost Time	All Systems	All Levels	Accidents with Lost Time	# / 1,000 O&M Labour Hours
Productive Workplace	Lost Hours due to Field Accidents	All Systems	All Levels	Lost Hours	# / 1,000 O&M Labour Hours
	Safety Training Hours	All Systems	All Levels	Safety Training Hours	Hours / Employee
P	Sick Days Taken Total Available O&M Hours / Total Paid O&M Hours	All Systems All Systems	All Levels	Sick Days Taken Total Available Hours	# / O&M Employee
Provide a Safe and	Total Overtime Hours / Total Paid O&M Hours	All Systems	All Levels	Total Overtime Hours / Total Paid O&M Hours	%
Safe	Unavailable O&M Hours / Total Paid O&M Hours			Expended Banked Time	%
a a				Long Term Leave	%
ovid				Other Colors Tagining	%
Ā		All Systems	All Levels	Other Training Safety Training	%
				Sick Time	%
				Union Time	%
				Vacation	%
	# Service Connection Repairs & Replacements / # of Service Connections	All Systems	All Levels	Planned Emergency	%
Provide Reliable Service and Infrastructure	Average Number of Failures per Pump Station	All Systems	All Levels	Average Number of Failures per Pump Station	#
	Capital Reinvestment / Replacement Value	All Systems	All Levels	Capital Reinvestment / Replacement Value	%
	Customer Days Without Service	All Systems	All Levels	Customer Days without Service	Days / Total # of Service Connections
	Hydrants Inspected	All Systems	All Levels	Hydrants Inspected	%
	Hydrants Winterized	All Systems	All Levels	Hydrants Winterized	%
	Infrastructure Leakage Index	Distribution & Integrated	Universal	ILI	
	Inoperable or Leaking Hydrants	All Systems	All Levels	Inoperable or Leaking Hydrants	%
	Inoperable or Leaking Valves	All Systems	All Levels	Inoperable or Leaking Valves	%
	Main Breaks	All Systems	All Levels	Main Breaks Main Length Relined	# / 100 km Length %
	Main Length Replaced or Relined	All Systems	All Levels	Main Length Replaced	%
	Main with Cathodic Protection / Main Requiring Cathodic Protection	All Systems	All Levels	Main with Cathodic Protection / Main Requiring	%
	Metallic Main Breaks	All Systems	All Levels	Cathodic Protection Metallic Mains Breaks	# / 100 km of Metallic Mains
	Meter Re-reads	All Systems	Universal	Meter Re-reads	%
	Non Metallic Main Breaks	All Systems	All Levels	Non Metallic Main Breaks	# / 100 km of Non Metallic Mains
	Non-Revenue Water	Distribution & Integrated	Universal	Apparent Losses	L / Cap / day
				Real Losses Unbilled Authorized Consumption	L / Cap / day L / Cap / day
	Percent of Curbstops Replaced	Distribution &	All Levels	Percent of Curbstops Replaced	#
		Integrated		Corrective Hours	Hours / km Length
	Preventative and Corrective Maintenance Hours	All Systems	All Levels	Preventative Hours	Hours / km Length
	System Length Tested for Leakage / km Length	All Systems	All Levels	System Length Tested for Leakage / km Length	%
			1	Total Corrective Maintenance Hours / Total	L.
	Total Corrective Maintenance Hours / Total Maintenance Hours	All Systems	All Levels		%
	Total Corrective Maintenance Hours / Total Maintenance Hours Unplanned System Interruptions	All Systems All Systems	All Levels	Maintenance Hours Unplanned System Interruptions	% # / 100 km Length

Water Utility & Distribution

About AECOM

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle — from planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy and the environment, our publicand private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical expertise and innovation, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of \$13.2 billion in fiscal year 2020. See how we are delivering sustainable legacies for generations to come at aecom.com and @AECOM.

For more information please contact:

Nancy Hill, P. Eng. CIBI Project Manager M +1-604-790-1637 nancy.hill@aecom.com

