

Item	Manufacturer	Product(s)/Model(s)	Statute	Statute Verbiage	Justification	Supplier/Vendor/Dist.	Initial Approval Date	Most Recent Approval Date	Letter and Page
Aeration Rotor	Lakeside Equipment Corporation	Magna Rotor	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Lakeside Equipment Corp	8/5/2019	8/15/2022	Yes; Page 21
Altitude Control Valves	Clu-Vai	Clu-Vai Control Valves	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Charles Underwood Inc.	8/5/2019	8/15/2022	Yes; Page 5
Autodialer	Omnitec	RTU Unit	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Pete Duty & Associates	8/5/2019	8/15/2022	Yes; Page 26
Thermal Process	ATAD Process	ATAD Process	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Thermal Process Systems	8/5/2019	8/15/2022	Yes; Page 29
Chemical Feed Equipment	Acron Inc.	Line Feeder	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Combs&Associates	8/15/2022	8/15/2022	Yes; Page 8
Chemical Feed Pump	Blue-White Industries	Blue-White PRO M Series Peristaltic	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Hayward Charlotte, Inc.	8/5/2019	8/15/2022	Yes; Page 17
Clarifier Covers	MFG Construction and Water Products	Clarifier Covers	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	ClearWater Inc.	8/15/2022	8/15/2022	Yes; Page 6
Controls equipment	Schenck Process LLC	Controls equipment	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Schenck Process LLC	8/5/2019	8/15/2022	Yes; Page 27
Flow Meter - Magnetic	Siemens	Submergence IP68 rated, Nema 4X meters	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Beck Sales & Engineering-FLWS	8/15/2022	8/15/2022	Yes; Pages 2 and 3
Flow Meter - Magnetic	Krohne	Tidafloxx	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Krohne	8/15/2022	8/15/2022	Yes; Page 19
Flow Meters- Ultrasonic	HiTronic	HiTrasonic Flow Meter - Ultra TFX	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Brown & Morrison, Ltd.	8/15/2022	8/15/2022	Yes; Page 32
Flow Transmitter	Siemens	Sitrans SUT1740	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Beck Sales & Engineering-FLWS	8/15/2022	8/15/2022	Yes; Pages 2 and 3
Flow Transmitters	Xylem Analytics	Flow Transmitters	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Beck Sales & Engineering-FLWS	8/5/2019	8/15/2022	Yes; Page 31
Grinder Pump Station Packages	E/One	E/One Grinder Pump Packages, Pumps, and components	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Covalein	8/5/2019	8/15/2022	Yes; Page 11
Grinder Pump Station Packages	Barnes Grinders	Barnes Grinder Pump Packages	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Crane Pumps & Systems	8/5/2019	8/15/2022	Yes; Page 13
Grinder Pump Station Packages	Myers Grinders	Myers Grinder Pump Packages, Pumps, and components	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Preferred Sources	8/5/2019	8/15/2022	Yes; Page 28
Grinder Pumps & Systems	Crane Pumps & Systems	Crane Grinders Pumps and kits	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Heritage Water Systems	8/15/2022	8/15/2022	Yes; Page 12
Grit Removal System	Wemco	Hydrogrittrgr	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	ClearWater Inc.	8/5/2019	8/15/2022	Yes; Page 33
Grit Removal System	Kusters Water	KGT Model 300 & 915F	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Kusters Water/Watkins Supply	8/15/2022	8/15/2022	Yes; Page 20
Meters - Water	Neptune	Meters	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Core & Main	8/15/2022	8/15/2022	Yes; Page 9
Meters - Water	XylemBrands	Sensus	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Ferguson Waterworks	8/5/2019	8/15/2022	Yes; Page 15
Plug Valves	Dezurik	Dezurik Plug Valve	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Carotek	8/5/2019	8/15/2022	Yes; Page 30
Process Monitoring Equipment	PHI Incorporated	Monitoring equipment	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Beck Sales & Engineering-FLWS	8/5/2019	8/15/2022	Yes; Page 31
Pump - High Service Water System	Aurora	Aurora High Service Water Pump	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Mechanical Eq Co of Matthews,NC	8/15/2022	8/15/2022	Yes; Page 25
Pump - Vertical Turbine Pumps (backwash feed, LPRO feed)	Aurora	Aurora Vertical Turbine Pump	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Mechanical Eq Co of Matthews,NC	8/15/2022	8/15/2022	Yes; Page 23
Pumps	Wilco USA, LLC	pumps and motors	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	ClearWater Inc.	8/15/2022	8/15/2022	Yes; Page 7
Sewer Pump - Return Activated and Waste Activated Sludge Pump	Pentair	Hydromatic Sludge Pump	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	ClearWater Inc.	8/5/2019	8/15/2022	Yes; Page 14
Sewer Pump - Return Activated and Waste Activated Sludge Pump	Cornell Pump Company	Cornell (RAS&WAS) Sludge Pump	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Mechanical Eq Co of Matthews,NC	8/15/2022	8/15/2022	Yes; Page 10
Sewer Pump - Sludge Pump	Penn Valley Pump Company	Double Disc Pump	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Penn Valley Pump Company	8/15/2022	8/15/2022	Yes; Page 24
Sewer Pump-Submersible Solids-Handling	Pentair	Hydromatic Pumps	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	ClearWater Inc.	8/5/2019	8/15/2022	Yes; Page 25
Sewer Pump-Submersible Solids-Handling	Fairbanks-Morse	Fairbanks-Morse	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	ClearWater Inc.	8/15/2022	8/15/2022	Yes; Page 25
Sewer Pump-Submersible Solids-Handling	Barnes	Barnes	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Heritage Water Systems	8/15/2022	8/15/2022	Yes; Page 12
Sewer Pump-Submersible Solids-Handling	Myers	Myers	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Preferred Sources	8/15/2022	8/15/2022	Yes; Page 28
Testing Equipment - Wastewater	IDEXX	Quant-i-tray Sealer and Reagents	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	IDEXX	8/5/2019	8/15/2022	Yes; Page 18
Ultraviolet Disinfection System	Light Sources	UV Disinfection System	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Glasco	8/15/2022	8/15/2022	Yes; Page 16
Vacuum System	Ar Vac	Ar Vac Vacuum System Components	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Arvac Inc.	8/15/2022	8/15/2022	Yes; Page 1
Valve Actuator	EMW Electric	EMW Electric Motor Actuators and Parts	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Carotek	8/5/2019	8/15/2022	Yes; Page 1
Variable Frequency Drives	Danfoss	VFD	N.C.G.S. § 143-129(e)(1)	Needed product is available from only one source of supply	Only available from one supplier/vendor/distributor as listed under "Supplier/Vendor/Distributor" Column	Mechanical Eq Co of Matthews,NC	8/15/2022	8/15/2022	Yes; Page 22
Air Release Valves - Sewer	ARI	D-025	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures compatibility with control systems and pressures. Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Altitude Control Valves	Bernard	Control Valves	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Limits inventory, limits required staff training, and facilitates repairs		8/15/2022	8/15/2022	
Altitude Control Valves	Ross	Control Valves	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Limits inventory, limits required staff training, and facilitates repairs		8/15/2022	8/15/2022	
Autothermal Thermophilic Aerobic Digestion (ATAD) Sludge System	Krugor/Veolia	ATAD Process	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing equipment, limits required staff training due to familiarity with equipment and process. Reduces needed inventory for R&M. Allows for consistency in treatment, performance and technical/maintenance support		8/5/2019	8/15/2022	
Fire Hydrants	AMERICAN DARTING	CMK-73	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Reduces down-time for critical system components, limits inventory, limits required staff training, facilitates repairs, and facilitates pump interchangeability		8/15/2022	8/15/2022	
Fire Hydrants	Crow	Medallion	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Reduces down-time for critical system components, limits inventory, limits required staff training, facilitates repairs, and facilitates pump interchangeability		8/15/2022	8/15/2022	
Fire Hydrants	Suez	SuperPulsators®	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing process, limits required staff training. Reduces needed inventory for R&M. Allows for consistency in treatment. Provides for a single point of contact/responsibility for equipment/warranty.		8/5/2019	8/15/2022	
Generator	Caterpillar	Marine Grade Diesel Generator	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with electrical and control wiring and component spacing. Limits staff training. Local repair/service and stock availability.		8/15/2022	8/15/2022	
Generator	Commins (Onan)	Marine Grade Diesel Generator	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with electrical and control wiring and component spacing. Limits staff training. Local repair/service and stock availability.		8/15/2022	8/15/2022	
Generator	Marine Grade Diesel Generator	Marine Grade Diesel Generator	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with electrical and control wiring and component spacing. Limits staff training. Local repair/service and stock availability.		8/15/2022	8/15/2022	
Gravity Filters	Suez	Greenleaf Gravity Filters	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Allows for consistency in treatment, performance and technical/maintenance support and compatibility with existing equipment		8/5/2019	8/15/2022	
Grinder Pump Station Packages	Liberty	Grinder Pump Package- VH20-21-35, pumps, and components	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures compatibility with control systems and pressures. Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Isolation Valves	American Flow Control	Isolation Valves	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Isolation Valves	Mueller	Isolation Valves	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Isolation Valves	Crow	Isolation Valves	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Isolation Valves	M&H	Isolation Valves	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Isolation Valves	Spear's-True Union	Isolation Valves	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Meter Boxes	Ford	1" and smaller	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Meter Boxes	McDonald	1" and smaller	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/15/2022	8/15/2022	
Meters - Water	Elster Meters	Elster Meters	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Consistency with telecom equipment. Limits staff training. Cost savings due to minimizing inventory.		8/5/2019	8/15/2022	
Mixer - Wastewater Submersible Mixer	Landia Inc	Aeration Mixer	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures consistency with control systems and pressures. Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/5/2019	8/15/2022	
Motor Control Centers	Square D Schneider Electric	MCC Series 6 or newer	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing MCC's, panel boards, disconnects, switchboards and starters throughout County. Ease of replacement, compatible sizing and wiring compatibility on existing equipment.		8/15/2022	8/15/2022	
Order Control System	Water Water Technologies	Permittit Zabocs	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing equipment, limits required staff training. Reduces needed inventory for R&M. Allows for consistency in treatment. Provides for a single point of contact/responsibility for equipment/warranty.	Carotek	8/5/2019	8/15/2022	
Oxidation Ditch Treatment Process	Krugor	Bioponding	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing process, limits required staff training. Reduces needed inventory for R&M. Allows for consistency in treatment. Provides for a single point of contact/responsibility for equipment/warranty.		8/5/2019	8/15/2022	
Plug Valve	Miliken	Plug Valve	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Limits inventory, limits staff training, and facilitates repairs.		8/15/2022	8/15/2022	
Pre-fabricated Wetwell	US Composite Pipe Inc	Polymer Wet Well	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Allows for consistency in treatment, performance and technical/maintenance support and compatibility with existing equipment		8/5/2019	8/15/2022	
Programmable Logic Controllers	Square D Schneider Electric	Electric Momentum Series & M 340	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with electrical and control wiring and spacing within existing enclosures. Limit Purchase of Programming Software. Limit Staff Training.		8/15/2022	8/15/2022	
Pump - Slurry	The Weir Group	Slurry Pumps	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures consistency with control systems and pressures. Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/5/2019	8/15/2022	
Pump - Vertical Turbine Pumps (backwash feed, LPRO feed)	Fairbanks	Fairbanks Vertical Turbine Pump	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing equipment, limits required staff training. Reduces needed inventory for R&M. Allows for consistency in treatment, performance and technical/maintenance support		8/15/2022	8/15/2022	
Pump - Vertical Turbine Pumps (backwash feed, LPRO feed)	Fairbanks	Fairbanks Vertical Turbine Pump	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing equipment. Allows for consistency in treatment, performance and technical/maintenance support		8/15/2022	8/15/2022	
Radio - SCADA Communications	GE	MDS INET	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with size of existing MCC enclosures and existing electrical and control wiring. Ease of replacement and limited downtime. Limits staff training. Cost savings due to minimizing inventory.		8/5/2019	8/15/2022	
Sewer Pump - Return Activated and Waste Activated Sludge Pump	Layne	Layne (RAS&WAS) Sludge Pump	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing equipment, limits required staff training due to familiarity with equipment and process. Reduces needed inventory for R&M. Allows for consistency in treatment, performance and technical/maintenance support		8/5/2019	8/15/2022	
Sewer Pump - Sludge Pump	Moyno Pumps	Progressive cavity, PD pumps and Sludge Pumps	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures consistency with control systems and pressures. Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/5/2019	8/15/2022	
Sewer Pump - Sludge Pump	Sulzer Pumps	Sludge Pumps	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Limits inventory, limits staff training, and facilitates repairs.		8/5/2019	8/15/2022	
Sewer Pump-Effluent	Pentair	Aurora Layne/Verti-Line	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Limits inventory, limits staff training, and facilitates repairs.		8/5/2019	8/15/2022	
Sewer Pump-Submersible Solids-Handling	ABS Pumps	ABS Pumps	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures compatibility with control systems and pressures. Limits training and facilitates repairs resulting in cost savings.		8/5/2019	8/15/2022	
Sewer Pump-Submersible Solids-Handling	HOMA	Homa Pumps	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures consistency with control systems and pressures. Cost Savings and improved process. Limits inventory, training, and facilitates repairs.		8/5/2019	8/15/2022	
Sewer Pump-Submersible Solids-Handling	Xylem Water Solutions	Flygt Pumps	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Ensures compatibility with rail and control systems. Limits training and facilitates repairs resulting in cost savings.		8/5/2019	8/15/2022	
Starter - Solid State Reduced Voltage	Siemens	Electric Altistar 22 and 48 Series	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with size of existing MCC enclosures and existing electrical and control wiring. Ease of replacement and limited downtime. Limits staff training. Cost savings due to minimizing inventory.		8/15/2022	8/15/2022	
Starter - Solid State Reduced Voltage	Square D Schneider Electric	Electric Altistar 22 and 48 Series	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with size of existing MCC enclosures and existing electrical and control wiring. Ease of replacement and limited downtime. Limits staff training. Cost savings due to minimizing inventory.		8/15/2022	8/15/2022	
Tertiary Filters	Kruger	tertiary filters	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing process, limits required staff training. Reduces needed inventory for R&M. Allows for consistency in treatment. Provides for a single point of contact/responsibility for equipment/warranty.		8/5/2019	8/15/2022	
Ultraviolet Disinfection System	WuXi	UV D300	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with existing process, limits required staff training. Reduces needed inventory for R&M. Allows for consistency in treatment. Provides for a single point of contact/responsibility for equipment/warranty.		8/15/2022	8/15/2022	
Ultraviolet Disinfection System	Wedeco Xylem	UV Disinfection System	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Cost savings and improved process. Limits inventory, limits staff training, and facilitates repairs.		8/5/2019	8/15/2022	
Variable Frequency Drives	Siemens	Siemens VFD	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with size of existing MCC enclosures and existing electrical and control wiring. Ease of replacement and limited downtime. Limits staff training. Cost savings due to minimizing inventory.		8/15/2022	8/15/2022	
Variable Frequency Drives	Square D Schneider Electric	Process Drive Series	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Compatibility with size of existing MCC enclosures and existing electrical and control wiring. Ease of replacement and limited downtime. Limits staff training. Cost savings due to minimizing inventory.		8/15/2022	8/15/2022	
Wastewater Headworks, MDU	Parkson	Bar Screen/Compactor/Washer	N.C.G.S. § 143-129(e)(1)	Standardization or compatibility is the overriding consideration	Allows for consistency in treatment, performance and technical/maintenance support and compatibility with existing equipment		8/5/2019	8/15/2022	