

### Standard Product List

The City of League City's Standard Product List has been developed to minimize the submittal review of products which meet the city's Design Standards and Details during development and construction projects. When Technical Specifications for specific products are included as part of the Construction Contract Documents, the requirements of the Technical Specification will override. Requests for substitution must be evaluated and approved by the City Engineer prior to material purchase.

Reference on this list does not relieve the sealing engineer of the responsibility to select the equipment appropriate for the specific design or approved equal.

The following table represents the manufacturers and equipment models which have been pre-qualified:

| Category              | Item                                        | Manufacturer             | Model                                                        | Note                          | Date Approved |
|-----------------------|---------------------------------------------|--------------------------|--------------------------------------------------------------|-------------------------------|---------------|
| <b>Water Products</b> |                                             |                          |                                                              |                               |               |
| Water                 | Fire Hydrant, Dry Barrel                    | East Jordan              | E.J 5CD250 WaterMaster F.H with Integral Storz Pumper Nozzle | AWWA C-502                    | 09 - 2021     |
| Water                 | Fire Hydrant, Dry Barrel                    | Mueller                  | A-423 Super Centurion 200 with Integral Storz Pumper Nozzle  | AWWA C-502                    | 09 - 2021     |
| Water                 | Single Port Flushing Hydrant                | Mueller                  | A-411 Single Nozzle                                          |                               | 09 - 2021     |
| Water                 | Single Port Flushing Hydrant                | Kupferle                 | Eclipse #2 Post Hyo                                          |                               | 09 - 2021     |
| Water                 | Gate Valve, Resilient Wedged w/ no gears    | American Flow Control    | Series 2530 & Series 2536                                    | 30" & 36", AWWA C515          | 09 - 2021     |
| Water                 | Gate Valve, Resilient Wedged                | American Flow Control    | Series 2520 & Series 2524 (SD 94-20247)                      | 20" & 24", AWWA C515          | 09 - 2021     |
| Water                 | Gate Valve, Resilient Wedged                | American Flow Control    | Series 2516 (SD 94-20247)                                    | 16", AWWA C515                | 09 - 2021     |
| Water                 | Gate Valve, Resilient Wedged                | American Flow Control    | Series 2500 (Ductile Iron)                                   | 4" - 12", AWWA C515           | 09 - 2021     |
| Water                 | Gate Valve, Resilient Wedge                 | East Jordan              | Flow Master                                                  | 4" - 12" AWWA C515            | 09-2021       |
| Water                 | Gate Valve, Resilient Wedged                | American Flow Control    | 42" & 48" AFC 2500                                           | 42" & 48", AWWA C515          | 12-2024       |
| Water                 | Gate Valve, Resilient Seated                | Mueller Co.              | Series A2360 for 4" - 12"                                    | 4" -12"                       | 09 - 2021     |
| Water                 | Gate Valve, Resilient Seated                | Mueller Co.              | Series A2361 (SD 6647)                                       | 16", AWWA C515                | 09 - 2021     |
| Water                 | Gate Valve, Resilient Seated                | Mueller Co.              | Series A2360 for 18"-24" (SD 6709)                           | 24" & smaller, AWWA C515      | 09 - 2021     |
| Water                 | Gate Valve, Resilient Seated                | Mueller Co.              | Mueller 30" & 36", C-515                                     | 30" & 36", AWWA C515          | 09 - 2021     |
| Water                 | Gate Valve, Resilient Seated                | Mueller Co.              | Mueller 42" & 48", C-515                                     | 42" & 48", AWWA C515          | 09 - 2021     |
| Water                 | Butterfly Valve                             | Pratt                    | A-2361                                                       | 24" & larger                  | 09 - 2021     |
| Water                 | Butterfly Valve                             | Dezurik                  | Class 150B                                                   | 24" & larger                  | 09 - 2021     |
| Water                 | Pumper Nozzle                               | Storz                    | Storz Nozzle to be integral and compliant with NFPA 1963     |                               | 09 - 2021     |
| Water                 | Actuator                                    | Rotork                   | IQ M35                                                       |                               | 09 - 2021     |
| Water                 | Meter                                       | Sensus                   | See City Standard Detail                                     | 3" & larger                   | 09 - 2021     |
| Water                 | Meter Box                                   | Park                     | See City Standard Detail                                     | 3" & larger                   | 09 - 2021     |
| Water                 | PVC Pressure Pipe                           | Not Specified            | DR 18                                                        | 4"-12", AWWA C900             | 09 - 2021     |
| Water                 | Ductile Iron Pipe                           | Not Specified            |                                                              | AWWA C150, C151               | 09 - 2021     |
| Water                 | Ductile Iron Fittings                       | Not Specified            | Mechanical Joint Fittings                                    | AWWA C153 & C110              | 09 - 2021     |
| Water                 | Ductile Iron Pipe Mechanical Restrain Joint | EBAA Iron, Inc.          | Megalug Series 1100 (for DI Pipe)                            | 4" - 42", AWWA C111/C116/C153 | 09 - 2021     |
| Water                 | Ductile Iron Pipe Mechanical Restrain Joint | EBAA Iron, Inc.          | Megalug Series 2000 (for PVC Pipe)                           | 4" - 24", AWWA C111/C116/C153 | 09 - 2021     |
| Water                 | Mechanical Joint Retainer Glands            | Star Pipe Products, Inc. | PVC Stargrip Series 4000                                     | ASTM A536 AWWA C111           | 09 - 2021     |
| Water                 | Mechanical Joint Retainer Glands            | Star Pipe Products, Inc. | DIP Stargrip Series 3000                                     | ASTM A536 AWWA C111           | 09 - 2021     |

| Category                                           | Item                                        | Manufacturer                        | Model                                                             | Note                                                                        | Date Approved |
|----------------------------------------------------|---------------------------------------------|-------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------|
| Water                                              | Single Strap Saddle                         | Romac                               | 101NSSU                                                           | 1" – 2" SVC, up to 24" Pipe, AWWA C800                                      | 09 - 2021     |
| Water                                              | Single Strap Saddle                         | Smith Blair                         | 315 Service saddle                                                | 1" – 2" SVC, up to 12" Pipe, AWWA C800                                      | 09 - 2021     |
| Water                                              | Single Strap Service Saddle                 | Mueller Company                     | DR1A & DR2A                                                       | 1" – 2" SVC, up to 24" Pipe, AWWA C800                                      | 09 - 2021     |
| Water                                              | Full Body Tapping Sleeve                    | JCM Industries, Inc.                | ORAFc                                                             | 4" & larger                                                                 | 09 - 2021     |
| Water                                              | Full Body Tapping Sleeve                    | American Flow Control               | Series 2800C (DI or CI 4"-24") Series 2800A AC 4"-12"             |                                                                             | 09 - 2021     |
| Water                                              | Curb Stops-Ball Meter Valves                | Ford Meter Box Co., Inc             | FB600-6-NL, FB1600-6-NL, FV23-666-W-NL, L22-66NL                  | 1-1/2", AWWA C800                                                           | 09 - 2021     |
| Water                                              | Curb Stops-Ball Meter Valves                | Ford Meter Box Co., Inc             | FB600-4-NL, FB1600-4-NL, B11-444-WR-NL, B22-444-WR-NL, L28-44NL   | 1", AWWA C800                                                               | 09 - 2021     |
| Water                                              | Curb Stops-Ball Meter Valves                | Mueller Co., Ltd.                   | B-25000N, B-24277N-3, B-20200N-3, H-15000N, H-1552N, H142276N     | 2", AWWA C800, ANSF 61, ANSI/NSF 372                                        | 09 - 2021     |
| Water                                              | Curb Stops-Ball Meter Valves                | Mueller Co., Ltd.                   | B-25000N, B-20200N-3, B-24277N-3, H-15000N, H-14276N, H15525N     | 1-1/2", AWWA C800, ANSF 61, ANSI/NSF 372                                    | 09 - 2021     |
| Water                                              | Curb Stops-Ball Meter Valves                | Mueller Co., Ltd.                   | B-25000N, B-20200N-3, H-15000N, H-15530N                          | 1", AWWA C800, ANSF 61, ANSI/NSF 372                                        | 09 - 2021     |
| Water                                              | Coated Tapping Saddle with Double SS Straps | Smith & Blair                       | #406 Double Band SS Saddle                                        | 1"-2" Taps up to 12"                                                        | 09 - 2021     |
| Water                                              | Meter Box                                   | AY McDonald Mfg. Co.-(Ford Metebox) | 775-410BCGG-444 (Ford 3/4" YM241-233-T-NL)(Ford 1" YL111-444-TNL) | 3/4" to 1"                                                                  | 09 - 2021     |
| Water                                              | Meter Box                                   | Ford Meter Box Co., Inc             | Ford Epoxy Coated Meterbox FPMB-7EP                               | 1-1/2" to 2", ASTM A 48-Class 25                                            | 09 - 2021     |
| Water                                              | Combination Air Release Valve               | H-TEC                               | 900                                                               | 1" & 2", ASTM A 126 Class B, ASTM A 240 – float, ASTM A 307 – Covered Bolts | 09 - 2021     |
| Water                                              | Water Sampling Station                      | Mueller Co., Ltd.                   | Hydro-Guard                                                       | Tan                                                                         | 09 - 2021     |
| Water                                              | Water Sampling Station                      | Kupferle                            | Eclipse #82                                                       |                                                                             | 09 - 2021     |
| Water                                              | Autoflusher                                 | Kupferle                            | Eclipse #9800                                                     |                                                                             | 09 - 2021     |
| Water                                              | Autoflusher                                 | Mueller Co., Ltd.                   | Hydro-Guard HG2 Permanent                                         |                                                                             | 09 - 2021     |
| Water                                              | Level & Pressure Transducers                | Foxboro/Schnieder                   |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Pump                                        | Weinman Split Case                  |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Pump                                        | Pentair - Aurora Split Case         |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Motor                                       | US Motor                            |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Motor                                       | Baldor Reliance                     |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Chemical Feed & Disinfection                | Regal Gas Chlorinators              |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Chemical Feed & Disinfection                | Evoqua/Wallace & Tieman             |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Chemical Monitoring Pumps                   | Watson Marlow                       |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Flow Control Valves                         | Cla-Val Company                     |                                                                   |                                                                             | 09 - 2021     |
| Water                                              | Flow Control Valves                         | Apco                                |                                                                   |                                                                             | 09 - 2021     |
| <b>Water &amp; Wastewater Combination Products</b> |                                             |                                     |                                                                   |                                                                             |               |
| Water / Wastewater                                 | Casing Spacers                              | Advance Products and Systems, Inc.  |                                                                   |                                                                             | 09 - 2021     |
| Water / Wastewater                                 | Casing Spacers                              | Raci                                |                                                                   |                                                                             | 09 - 2021     |
| Water / Wastewater                                 | Casing Spacers                              | Spyder                              |                                                                   |                                                                             | 09 - 2021     |

| Category                   | Item                                     | Manufacturer                         | Model                                        | Note                                                                           | Date Approved |
|----------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------|---------------|
| <b>Wastewater Products</b> |                                          |                                      |                                              |                                                                                |               |
| Wastewater                 | DI Manhole Ring and Cover                | East Jordan Iron Works               | V1432-2 and V1483 Designs                    | 30" Dia., AASHTO M306-04                                                       | 09 - 2021     |
| Wastewater                 | DI MH Ring and Cover (Hinged & Lockable) | East Jordan Iron Works               | ERGO XL Assembly with Cam Lock/MPIC/T-Gasket | 30" Dia., ASSHTO M105 & ASTM A536                                              | 09 - 2021     |
| Wastewater                 | Precast Concrete Manhole                 | Park Equipment                       |                                              |                                                                                | 09 - 2021     |
| Wastewater                 | Precast Concrete Manhole                 | Oldcastle Precast Inc                |                                              | I.D. Manhole w/ 24" Cone, 48" Dia., w/ 24" Ring, ASTM C 478                    | 09 - 2021     |
| Wastewater                 | Precast Concrete Manhole                 | Forterra                             |                                              | 48" Dia., ASTM C 478                                                           | 09 - 2021     |
| Wastewater                 | Manhole Rehab System (Liner)             | Sewper Coat                          |                                              | Protective lining for new and existing structures                              | 09 - 2021     |
| Wastewater                 | Manhole Rehab System (Liner)             | VersaFlex                            | FE100 Thane Coat                             | MH repair product to stop infiltration, ASTM D5813                             | 09 - 2021     |
| Wastewater                 | Manhole Rehab Systems                    | Sewper Coat                          |                                              |                                                                                | 09 - 2021     |
| Wastewater                 | Manhole Insert                           | Southwestern Packing & Seals, Inc    | LifeSaver – Stainless Steel                  | For 24" & 32" Dia., ASTM D 1248                                                | 09 - 2021     |
| Wastewater                 | Manhole Adjustment Rings                 | Ladtech, Inc (McCain Waterworks)     | HDPE Adjustment Ring (Concrete Grade)        | Non-traffic area                                                               | 09 - 2021     |
| Wastewater                 | Interior Ductile Iron Pipe Coating       | Induron                              | Protecto 401                                 | Ductile Iron Pipe Only, ASTM B-117                                             | 09 - 2021     |
| Wastewater                 | Combination Air Release Valve            | H-TEC                                | 986                                          |                                                                                | 09 - 2021     |
| Wastewater                 | PVC Sewer Pipe                           | J-M Manufacturing Co, Inc (JM Eagle) |                                              | 4" – 15", ASTM D 3034                                                          | 09 - 2021     |
| Wastewater                 | PVC Sewer Pipe                           | Diamond Plastics Corporation         | SDR-26 and Sch 40 for services               | 4" – 15", ASTM F 789, ASTM D 3034                                              | 09 - 2021     |
| Wastewater                 | PVC Sewer Pipe                           | J-M Manufacturing Co, Inc (JM Eagle) |                                              | 18" – 27", ASTM F 679                                                          | 09 - 2021     |
| Wastewater                 | PVC Solid Wall Pipe                      | Diamond Plastics Corporation         |                                              | 18" – 48", PS 46 ASTM F 679                                                    | 09 - 2021     |
| Wastewater                 | Submersible Pumps and Control Panels     | Flygt                                | N Series                                     | Varies by design                                                               | 09 - 2021     |
| Wastewater                 | Submersible Pumps and Control Panels     | KSB                                  |                                              | 20 hp or lower pumps                                                           | 09 - 2021     |
| Wastewater                 | City's Mobile & Stationary Generators    | Onan Cummins Machines                |                                              |                                                                                | 09 - 2021     |
| Wastewater                 | Sample Well Basin                        | Park                                 | SWB-15                                       |                                                                                | 09 - 2021     |
| Wastewater                 | Sand-Oil Separator SOCMF                 | Park                                 | SOCMP-1                                      |                                                                                | 09 - 2021     |
| Wastewater                 | Grease Interceptor                       | Park                                 | GT-1                                         | 500 thru 4000 gallon capacity                                                  | 09 - 2021     |
| Wastewater                 | Grease Interceptor                       | Park                                 | GT-2                                         | 5000 thru 15000 gallon capacity                                                | 09 - 2021     |
| Wastewater                 | SCADA                                    | Data Flow Systems                    |                                              |                                                                                | 09 - 2021     |
| Wastewater                 | Lift Station Epoxy Coating               | Tnemec                               |                                              | for all exposed piping, valves, and fittings outside the wet well.             | 9 - 2021      |
| Wastewater                 | Lift Station Epoxy Coating               | Carboline                            |                                              | for all exposed piping, valves, and fittings outside the wet well.             | 9 - 2021      |
| Wastewater                 | Lift Station Epoxy Coating               | Sherwin-Williams                     |                                              | for all exposed piping, valves, and fittings outside the wet well.             | 9 - 2021      |
| Wastewater                 | Lift Station Epoxy Coating               | PPG                                  |                                              | for all exposed piping, valves, and fittings outside the wet well.             | 9 - 2021      |
| Wastewater                 | Lift Station Coal Tar Epoxy Coating      | Tnemec                               |                                              | for all pump discharge pipe and fittings within Wet Well except SS316 and PVC. | 9 - 2021      |
| Wastewater                 | Lift Station Coal Tar Epoxy Coating      | Carboline                            |                                              | for all pump discharge pipe and fittings within Wet Well except SS316 and PVC. | 9 - 2021      |
| Wastewater                 | Lift Station Coal Tar Epoxy Coating      | Sherwin-Williams                     |                                              | for all pump discharge pipe and fittings within Wet Well except SS316 and PVC. | 9 - 2021      |

| Category                | Item                                                     | Manufacturer          | Model                                                                          | Note                                                                           | Date Approved |
|-------------------------|----------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------|
| Wastewater              | Lift Station Coal Tar Epoxy Coating                      | PPG                   |                                                                                | for all pump discharge pipe and fittings within Wet Well except SS316 and PVC. | 9 - 2021      |
| Wastewater              | Lift Station Wet Well Coating                            | Warren Epoxy Products |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Lift Station Wet Well Coating                            | Sewper Coat           |                                                                                | Protective lining for new and existing structures                              | 09 - 2021     |
| Wastewater              | Force Main Discharge Manhole Liner                       | Warren Epoxy Products |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Odor Control Biofilter                                   | Anua                  |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Force Main Pressure Pipe                                 | NAPCO Pipe & Fittings | Certa-Lok                                                                      |                                                                                | 09 - 2021     |
| Wastewater              | Force Main Pressure Pipe                                 | JM Eagle              | Eagle Loc                                                                      |                                                                                | 09 - 2021     |
| Wastewater              | Ozone Generation                                         | Vapex                 |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Service Tap                                              | Inserta Tee           |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Check Valve                                              | Zurich/Apco           | Apco swing check valves                                                        |                                                                                | 09 - 2021     |
| Wastewater              | Plug Valve                                               | Pratt/Dezurik         |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Butterfly Valve                                          | Pratt                 |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Butterfly Valve                                          | Dezurik               |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Level Transducers                                        | Dewyer                |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Floats                                                   | Rotofloats            |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Hour Meter                                               | Tru-Meter             |                                                                                |                                                                                | 09 - 2021     |
| Wastewater              | Pump Alternator                                          | Macromatic            |                                                                                |                                                                                | 09 - 2021     |
| <b>Roadway Products</b> |                                                          |                       |                                                                                |                                                                                |               |
| Site Clearing           | Tree Wound Treatment                                     | Eaton Brothers        |                                                                                |                                                                                | 12 - 2022     |
| Site Clearing           | Root Barrier                                             | DeepRoot              |                                                                                |                                                                                | 12 - 2022     |
| Earthwork               | Geosynthetic Soil Reinforcement                          | TriAx Geogrid Tensar  |                                                                                |                                                                                | 12 - 2022     |
| Paving                  | Rubberized Crack Seal                                    | Crafco                | Poly Flex 3                                                                    |                                                                                | 12 - 2022     |
| Paving                  | Decorative Median Concrete                               | Scofield              | Integral Color SG (Red Brick) or Lithotex Antiquing Release Pro (A-24, Russet) |                                                                                | 12 - 2022     |
| Paving                  | Curing Compound                                          | Scofield              | Cureseal - W Concrete Curing Compound                                          |                                                                                | 12 - 2022     |
| Paving                  | Backer Rod                                               | W.R. Meadows          | CERA-ROD                                                                       |                                                                                | 12 - 2022     |
| Paving                  | Preformed Retroreflective Polymer Pavement Markings Tape | Swarco                | Director 60                                                                    |                                                                                | 12 - 2022     |
| Paving                  | Preformed Retroreflective Polymer Pavement Markings Tape | Stamark               | 3M High Performance Tape Series 3801 ES                                        |                                                                                | 12 - 2022     |