3612 S. WEST STREET
WICHITA, KS 67217
P: (316) 522-8900
F: (316) 522-1472

Date: 3/27/26

Project Name: Commerce & Yorktown - Andover, KS

Location: Wichita, KS

Pipe Manufacturer: See the Following Certificates

Contractor: McCullough Excavation

Notes:

6320 ft -- 12" DR18 C900 (Sanderson)
880 ft -- 8" DR18 C900 (Sanderson)
160 ft -- 12" DR18 Certa-Lok (Westlake)
72 ft -- 12" CL350 DIP (McWane)
36 ft -- 8" CL350 DIP (McWane)
72 ft -- 12" CL350 DIP (McWane)

To Whom It May Concern,

We hereby certify that we are supplying pipe for this project as per the attached manufacturers certification.

Sincerely,

Dane Fugleberg
Wichita Winwater Works Company

AWWA C900
MANUFACTURER'S CERTIFICATION

This is to certify the pipe manufactured by Sanderson Pipe meets or exceeds the applicable engineering standards listed below for 4" through 24" C900 pipe.

Materials

Comply with ASTM D1784 for PVC 1120 cell classification 12454. Materials used in the manufacture of our certified C900 pipe are NSF/ANSI 14 and 61 listed.

Dimensions/Testing

All pipe meets or exceeds the performance requirements listed in the current version of ANSI/AWWA C900, UL1285 and FM 1612 (DR18 and DR14 12" and smaller). Each C900 pipe is hydrostatic tested to at least two times the pressure class per AWWA standards. Testing records are maintained and available upon request.

Markings on the Pipe

Identification of nominal pipe size (CI diameter), PVC, dimension ratio, ANSI/AWWA pressure class, test pressure for hydrostatic tested pipe, AWWA designation number (ANSI/AWWA C900), manufacture's name and code. Additional certified seals printed on the pipe are: NSF-pw, NSF-61, UL1285, and Factory Mutual (FM 1612 Approved for DR18 at 185 PSI and DR14 at 250 PSI only — for C900 pipe 12" and smaller).

Joints

Integral bell joint system complies with the requirements of ASTM D3139.

Gasket

All gaskets are NSF approved and comply with ASTM F477 standards.

Color

Standard C900 pressure pipe is blue. Purple (marked "Caution – Do Not Drink Reclaimed Water") and green (marked "Sewer Force Main") is available upon request. The purple and green C900 pipe will not carry the NSF-pw, NSF-61, UL1285, or Factory Mutual seals.

Length

Manufactured in 20 foot lay lengths with a 15 degree chamfer.

Tapping

It is extremely important to use the proper procedures and tools while tapping pipe. Sanderson Pipe Corporation recommends strict compliance with the requirements as specified in AWWA C605.

Installation

Sanderson Pipe Corporation recommends using installation procedures outlined in AWWA C605, Underground Installation of Polyvinyl Chloride (PVC) Pressure Pipe and Fittings for Water. The AWWA Manual M23, and Handbook of PVC Pipe Design and Construction (from Uni-Bell/PVC Pipe Association) are additional resource guides for design and installation.



Westlake
Pipe & Fittings

AquaSpring™ C900 Certa-Lok® RJIB PVC Pressure Pipe Certification

AquaSpring™ C900 Certa-Lok® RJIB PVC Pressure Pipe (sizes 6" through 12", DR 18 and DR 14; sizes 16" through 24" DR 18 and DR 25), provided by Westlake Pipe & Fittings, is manufactured in accordance with the dimensions, materials, quality control, and marking specifications found in **AWWA C900-22**. The PVC pipe material conforms to a minimum cell classification of 12454 as defined by **ASTM D1784.** The pipe compound is listed in **PPI TR-4** as a Standard Grade material with a Hydrostatic Design Basis (HDB) of 4000 psi. The standard pipe laying length is 20 feet.

The AquaSpring C900 Certa-Lok RJIB pipe system provides a restrained joint by utilizing precision-machined grooves on the pipe spigot and inside the pipe bell. When assembled, a spline is inserted through an entry hole in the pipe bell, resulting in a continuous circumferential restrained joint that locks the segments of pipe together. A flexible elastomeric gasket located in a groove in the pipe bell provides a hydraulic pressure seal.

AquaSpring C900 Certa-Lok RJIB pipe joints meet the requirements of **ASTM D3139.** All products are supplied with ethylene propylene diene monomer (EPDM) gaskets that meet the requirements of **ASTM F477**.

Potable Water Applications

Pipe supplied for potable water applications is blue in color. The gasket material used by our vendors is listed by NSF International to **NSF 61** and **NSF 14** for compliance with **ASTM F477**. AquaSpring C900 Certa-Lok RJIB potable water pipe using those gaskets is listed by NSF International to **NSF 61**, Factory Mutual to **FM 1612**, and Underwriters Laboratory to **UL 1285**. In addition, products made in our McPherson, KS plant are listed to NSF 14 for compliance to AWWA C900.

Sewer Applications

Pipe supplied for sewer applications is green in color and not listed by Underwriters Laboratories, Factory Mutual, or NSF International.

Reclaimed Water Applications

Pipe supplied for reclaimed water applications is purple in color and not listed by Underwriters Laboratories, Factory Mutual, or NSF International.

Certifications are based on the applicable edition of the referenced standard in effect on the date of manufacture. If we may be of further assistance, please contact Technical Services at technical@westlakepipe.com.

Sincerely,



Joshua E. Clapper

2801 Post Oak Blvd., Suite 600 | Houston, TX 77056 | 713-840-7473 | www.westlakepipe.com

Director, Product Marketing, Marketing and Development

Reference Standards:

- **AWWA C900-22** *Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. Through 60 In. (100 mm Through 1500 mm)*
- **ASTM D1784** *Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds*
- **ASTM D3139** *Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals*
- **ASTM F477** *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*
- **FM 1612** *Approval Standard for Polyvinyl Chloride (PVC) Pipe and Fittings for Underground Fire Protection Service*
- **NSF 14** *Plastic Piping System Components and Related Materials*
- **NSF 61** *Drinking Water Components – Health Effects*
- **PPI TR-4** *HDB/HDS/SDB/PDB/MRS Listed Materials*
- **UL 1285** *Pipe and Couplings, Polyvinyl Chloride (PVC), and Oriented Polyvinyl Chloride (PVCO) for Underground Fire Service*

McWANE DUCTILE | IRON STRONG

1401 East 2000 South
Provo, UT 84606
o 801-373-6910
f 801-377-0338
mcwaneductile.com

GENERAL CERTIFICATION OF COMPLIANCE

SOLD TO: WICHITA WINWATER DATE: MARCH 27TH, 2026

CONTRACTOR: MCCULLOUGH EXCAVATION

JOB: COMMERCE & YORKTOWN

We certify that all the material manufactured by McWane Ductile in Provo, UT, Coshocton, OH, and Phillipsburg, NJ, is manufactured in the United States and inspected in accordance with the following specifications and meets all the requirements thereof:

SIZE	LENGTH	JOINT	CLASS	DESCRIPTION
12"	72’	TJ	350	DUCTILE IRON
8"	36'	TJ	350	DUCTILE IRON
6”	72'	TJ	350	DUCTILE IRON

Ductile Iron Pipe
__X__ANSI/AWWA C151/A21.51-17
__X__ANSI/AWWA C150/A21.50-14

Fittings
_____ANSI/AWWA C110/A21.10-12
_____ANSI/AWWA C153/A21.53-11
(CI CL 350 Short Body)

Polywrap
_____ANSI/AWWA C105/A21.5
_____ASTM A674

Joints
__X__TJ:MJ/TJ:RJ-ANSI/AWWA C111/A21.11-17
_____MJ - ANSI/AWWA C111/A21.11-17
_____FLANGE - ANSI C115/A21.15-11

Lining (per ANSI/AWWA C104/A21.4-16)
__X__Asphaltic Lining Inside
__X__Standard Cement Lining
__X__Asphaltic Coating Outside
_____Double Cement Lining
_____Other

__X__UL:MH16433 (N)
__X__FM:J12V0A8.AH
__X__NSF: 61-1989

MCWANE DUCTILE

LISA HILL
SALES DEPARTMENT