



**Water Utilities Department**  
City of Lake Worth  
301 College Street  
Lake Worth, FL 33460

## APPROVED PRODUCTS LIST

### CERTIFICATION AND CONCURRENCY STATEMENT

Project Name: \_\_\_\_\_

Concurrency of Contractor: \_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Firm

Concurrency from the EOR  
(Engineer of Record): \_\_\_\_\_  
Signature Date

The execution of this document acknowledges that I (We), the above signed, have reviewed this Approved Products List (APL) in entirety, initialed all error corrections to the APL, and concur that the materials and products listed are acceptable and appropriate for the project noted above. As the engineer-of-record and/or contractor, I (We), the above signed, shall provide written notification to the City of Lake Worth for any material listed in the APL to which I object being implemented/ installed in the project noted above.

Individual product shop drawings will be required for all non-standard items. Products not listed in the APL, or APL listed products that defer in specification, shall be considered a non standard product.



**Utilities Department**  
City of Lake Worth  
301 College Street  
Lake Worth, FL 33460

## APPROVED PRODUCTS LIST

REVISED: July 9, 2015

Project Name: \_\_\_\_\_

Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_

APPROVED: \_\_\_\_\_  
Signature Date

APPROVED AS NOTED: \_\_\_\_\_  
Signature Date

\*NOT APPROVED: \_\_\_\_\_  
Signature Date

\*Contractor to revise and resubmit by \_\_\_\_/\_\_\_\_/\_\_\_\_

## WATER DISTRIBUTION

### FIRE HYDRANTS:

- |   |  |
|---|--|
| <input type="checkbox"/> Mueller Super Centurion<br>A-423, 5 1/4" Plugged Drain | <input type="checkbox"/> American Darling<br>5 1/4" B-84-B-5 |
|---|--|

### HYDRANT COATINGS:

Hydrants shall have a top coat of Tnemec Series 66 Yellow

### BACKFLOW PREVENTION:

- BACKFLOW PREVENTORS (BFP)

- |   |   |
|---|---|
| <input type="checkbox"/> Watts<br>Model 009 | <input type="checkbox"/> Febco<br>805Y-BV |
|---|---|

- REDUCED PRESSURE ZONE (RPZ) DEVICE

Up to 2 1/2":

3" and up:

- |   |   |
|---|---|
| <input type="checkbox"/> Wilkins<br>975XL | <input type="checkbox"/> Wilkins<br>375XL |
|---|---|

### WATER SERVICE FITTINGS:

- 1" CORPORATION STOPS

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Mueller<br>P-25008N | <input type="checkbox"/> AY-McDonald<br>74701-22 | <input type="checkbox"/> Ford Meter<br>FB1000-4-NL |
|--|--|--|

- 2" CORPORATION STOPS

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Mueller<br>P-25008N | <input type="checkbox"/> AY-McDonald<br>74701-22 | <input type="checkbox"/> Ford Meter<br>FB1000-7-NL |
|--|--|--|

- ANGLE METER VALVE (FOR U BRANCH)

5/8 x 3/4 x 3/4":

3/4":

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Mueller<br>H-14265N | <input type="checkbox"/> AY-McDonald<br>74604B 3/4" | <input type="checkbox"/> Ford Meter<br>BA13-3-232W-NL |
|--|---|---|

- 1" ANGLE METER VALVE CURB STOP

5/8 x 3/4 x 1", 1":

1 x 3/4 x 3/4", 1":

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Mueller<br>P-14258N | <input type="checkbox"/> AY-McDonald<br>74602B | <input type="checkbox"/> Ford Meter<br>BA13-342W-Q-NL |
|  |  | <input type="checkbox"/> Ford Meter<br>BA13-444W-Q-NL |

- 1" STRAIGHT METER VALVE CURB STOP

5/8 x 3/4 x 1", 1"      1 x 3/4 x 3/4", 1":

<input type="checkbox"/>	Mueller P-24350N	<input type="checkbox"/>	AY-McDonald 76100M-22	<input type="checkbox"/>	Ford Meter B43-342W-NL
				<input type="checkbox"/>	Ford Meter B43-444W-NL

- 2" ANGLE METER VALVE CURB STOP

2"      2" Flanged

<input type="checkbox"/>	Mueller P-24276N	<input type="checkbox"/>	AY-McDonald 74602B-22	<input type="checkbox"/>	Ford Meter BFA43-777W-NL
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- 3/4" – 2" SERVICE FITTINGS

<input type="checkbox"/>	Mueller P-15428N	<input type="checkbox"/>	AY-McDonald 74753-22	<input type="checkbox"/>	Ford Meter C84-XX-NL
<input type="checkbox"/>	Mueller P-15451N	<input type="checkbox"/>	AY-McDonald 74754-22	<input type="checkbox"/>	Ford Meter C14-XX-NL
<input type="checkbox"/>	Mueller P-15403N	<input type="checkbox"/>	AY-McDonald 74758-22	<input type="checkbox"/>	Ford Meter C44-XX-NL

- DUAL WATER SERVICE U BRANCH

1 X 3/4 X 6.5":      1 X 3/4 X 6.5":

<input type="checkbox"/>	Mueller P-15363N	<input type="checkbox"/>	AY-McDonald 708U2M	<input type="checkbox"/>	Ford Meter U48-43-65-NL
		<input type="checkbox"/>	AY-McDonald 708UFM	<input type="checkbox"/>	Ford Meter U18-43-65-NL

- METER COUPLING

5/8 X 3/4 X 3/4":      3/4 X 3/4 X 2 1/2":

<input type="checkbox"/>	Mueller H-10890	<input type="checkbox"/>	AY-McDonald 74662	<input type="checkbox"/>	Ford Meter C38-23-25-NL
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1":      1 X 1 X 2.63":

<input type="checkbox"/>	Mueller H-10890	<input type="checkbox"/>	AY-McDonald 74662	<input type="checkbox"/>	Ford Meter C38-24-35-NL
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VALVES/ TAPS:

- GATE VALVES

3/4", 1", 1 1/2", 2", 2 1/2", 3":

Nibco  
T-133

Nibco  
T-136

4" to 16"

Resilient Seat and Bi Directional Flow Only  
Max working Pressure of 200 psi; tested at 400 psi

Mueller

American  
Darling

Clow

- BUTTERFLY VALVES

12" to 24"  
150psi Rated

Mueller

American  
Darling

Henry Pratt

Clow

- TAPPING VALVES

Resilient Wedge Type

Mueller

American  
Darling

Clow

- TAPPING SLEEVES

4" to 24"

Mueller  
H-615

10" to 24"

Mueller  
H-616

4" to 12" and 16"

American Darling  
2800C

- TAPPING CROSS

Mueller  
H-715

SERVICE SADDLES:

- DOUBLE STRAP SERVICE SADDLE – CC THREADS

$\frac{3}{4}$ ", 1", 1  $\frac{1}{4}$ ", 1  $\frac{1}{2}$ ", 2":

JCM  
402

JCM  
404

1" and 2":

JCM  
313

Ford Meter  
202B

$\frac{3}{4}$ ", 1", 1  $\frac{1}{2}$ ", 2":

Ford Meter  
F202

Ford Meter  
FCD202

- DOUBLE STRAP TAPPING SADDLE – CC THREADS

$\frac{3}{4}$ ", 1", 1  $\frac{1}{4}$ ", 1  $\frac{1}{2}$ ", 2":

Mc Donald  
3826

SERVICES:

- METER BOX

For 1  $\frac{1}{2}$ " & 2" Meter:

Oldcastle Precast  
N36 BOX  
B36E Lid

For  $\frac{3}{4}$ " or 1" Meter:

Oldcastle Carson  
Heavywall 1118BCF  
CDR 11" x 18" tier 15  
With CI reader lid  
#CO2111802D

- METER FLANGE

2" only:

Mc Donald  
610F

Ford Meter  
CF31-77-NL

WATER DISTRIBUTION PIPE MATERIALS:

- DUCTILE IRON PIPE (DIP)  
Cement Line and Seal Coat

MANUFACTURER:

American       Clow       US Pipe       McWayne       Griffin

CLASS:

Class 52, sizes to be used on water mains: \_\_\_\_\_

Class 50, sizes to be used on water mains: \_\_\_\_\_

- POLYVINYL CHLORIDE (PVC)

MANUFACTURER: \_\_\_\_\_

CLASS:

PVC C-900, sizes to be used on water mains: \_\_\_\_\_ (4" to 12")

PVC C-905, sizes to be used on force mains: \_\_\_\_\_ (over 12")

- MECHANICAL JOINT RESTRAINT

Ebaa Iron Mega Lug       Star Pipe Products Series 3000 (DIP)       Star Pipe Products Series 4000 (PVC)

Tyler Union TUF Grip

- BELL JOINT RESTRAINT

Star Pipe Products 3100 Series (DIP)       Star Pipe Products 4100 Series (PVC 3"-12")

Star Pipe Products 4400 Series (PVC 14"-36")

- FLANGED ADAPTER

Star Pipe Products Series 200       Star Pipe Products Series 400

# SEWER COLLECTION

## MANHOLE LIDS

Low Traffic Areas:

- US Foundry No. 170       US Foundry No. 324

High Traffic Areas:

- Pamrex

## VALVES

- AIR RELEASE VALVE (2")  Val-Matic VM-48AS
- AIR/ VACUUM VALVE (2", 3")  Val-Matic VM-301AS
- COMBINATION AIR VALVE (2" x 1"; 2" x 2"; 3" x 2")  GA 959

### TAPPING VALVES

Resilient Wedge Type

- Mueller       American Darling       Clow

### RESILIENT SEAT VALVES

4" to 12"; Max working Pressure of 200 psi; tested at 400 psi

- Mueller       American Darling       Clow

### PLUG VALVES

For force main installation after tapping valve  
Working pressure 150 psi       PRATT       Clow

- VALVE BOX  Tyler Union 6850 Series

## LINING PRODUCTS

### Manhole/ Wetwell Liners

For Existing Structures:

- Kerneos Sewpercoat       Global Refratta

For New Structures:

- Agru Suregrip

SEWER PIPE MATERIALS

- DUCTILE IRON PIPE (DIP)  
Cement Line and Seal Coat

MANUFACTURER:

American       Clow       US Pipe       McWayne       Griffin

CLASS:

Class 52, sizes to be used on force mains:      4"      8"

Class 52, sizes to be used on gravity mains:      4"      6"

Class 50, sizes to be used on force mains: \_\_\_\_\_ (over 8")

Class 50, sizes to be used on gravity mains: \_\_\_\_\_ (over 6")

- POLYVINYL CHLORIDE (PVC)

MANUFACTURER: \_\_\_\_\_

CLASS:

PVC C-900, sizes to be used on force mains: \_\_\_\_\_ (4" to 12")

PVC C-905, sizes to be used on force mains: \_\_\_\_\_ (over 12")

PVC SDR-35, sizes to be used on gravity mains: \_\_\_\_\_  
Depth of pipe less than 6ft

PVC SDR-26, sizes to be used on gravity mains: \_\_\_\_\_  
Depth of pipe greater than or equal to 6ft

- REINFORCED CONCRETE PIPE (RCP)

MANUFACTURER: \_\_\_\_\_

CLASS III, sizes to be used on gravity mains: \_\_\_\_\_ (12" to 144")

- MECHANICAL JOINT RESTRAINT

Ebaa Iron  
Mega Lug