



**Fort Wayne
City Utilities
Design Standards
Manual**

**Exhibit MA7-1
Water Maintenance Pressure Test and Disinfection Data Collection
Checklist**

Created: January 11 -2012

Revised: June 18, 2014

Date: _____ Work Order: _____ Project: _____
Status of Site Grading: _____

	Ye s	No	N A	<u>Water Main Location</u>
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water main is installed with a minimum of 5'-0" of cover.
<u>Fire Hydrants</u> (# of Fire Hydrants _____)				
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire hydrants located on the property side of the main.
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All fire hydrant chains removed.
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All fire hydrant valves are to be in open position.
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All fire hydrants are to be in closed position.
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All fire hydrants and blow-offs are backfilled to a safe level to gain access (max 2' depth of hole).
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No solid wooden posts located near fire hydrants or valves.
<u>Valves</u> (# of Valves _____)				
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gate valves and auxiliary valves are red right handed (open clockwise).
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All line valves open in project.
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All valves are operable.
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All valve boxes are straight and upright.
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Open valve to 2" blow-off and 2" curb stop, if installed.
<u>Taps & Curb Boxes</u>				
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Curb boxes 4' from the side property line in R/W 7' from the front property line or centered within the lot and located flush with grade
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taps identified with PVC pipe 36" in length, with one (1) foot below grade.
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All stops inside curb box for service riser are in open position.
<u>Risers</u> (# of Risers _____)				
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Feed riser installed with stop and at least two foot nipple.
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All service risers installed with curb stop and at least a two foot nipple.
<u>Tracing Wire</u>				
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tracing Wire installed on all non-metal pipe, including water main 12" and larger.
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insulated #10 solid copper tracing wire used (for HDD 2 tracing wires required, if #10 not used).
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Valves: wire drawn in valve box riser. Pvmt: excess 4"-6" folded down. Soil: wire through holes in box.
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrants: wire extended to AV, connected to water main wire, and located in hydrant valve per item #20.
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tracing Wire installed on all non-metal pipe, including water main 12" and larger. Services: wire connected to pipe wire either from main to curb stop or with a short piece of wire connecting pipe wire to copper service pipe after curb stop with plastic hose clamps wrapped in waterproof tape. Tracing wire at curb box brought to the surface with 6" wrapped around top of curb box
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All tracing wire connections and/or splices must be performed utilizing a waterproof direct bury lug.
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Conductivity test was successful.
<u>Marking Posts</u>				
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installed in location as shown on the plans.
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Buried at least 12".
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wire brought up in post and at top with two holes in posts to be wrapped around eyebolt or feed in hole.
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The following labels are used: Posts: Rhino Tri-View Flex Decals: "Warning Water Pipeline"

This checklist is to be signed and dated by contractor and inspector to ensure that these items have been inspected. After completion of the form, please e-mai to Dan Smith in ESS (dan.smith@cityoffortwayne.org) and Bob Hinga (bob.hinga@cityoffortwayne.org).

This completed form must be submitted before PTD can begin.

The signed form provides notification to the Fort Wayne Water Utility that the main is ready to begin testing. In addition, it provides the Utility with priority access over any other contractor until all testing has been completed.

Any questions, please contact Bob Hinga at Water Maintenance and Service 427-1247.

Contractor: _____ Phone #: _____ Date: _____
Inspector: _____ Phone #: _____ Date: _____