

JCWSA WATER EXTENSION SYSTEM APPLICATION CHECKLIST - WATER

Name of Project/Development: _____

Date: _____

JCWSA Application No: _____

Name of Developer: _____

Developer's Engineer: _____

Items A thru E To Be Checked By JCWSA Administrative Staff Prior to Review by JCWSA Engineer

No.	Description	Complete?			Comments
		Yes	No	N/A	
A.	Has this project received Preliminary Approval?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B.	Were Three (3) Sets of Construction Plans Submitted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.	Completed Water/Wastewater Extension System Application Attached?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D.	System Extension Application Review Fee Included with Submittal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$250 For Developments ≤ 25 ERUs, plus \$20 per ERU for all ERUs over 25.

Checked By: _____

Title: _____

Items 1 - 40 To Be Checked By JCWSA Engineering

No.	Description	Correct?			Comments
		Yes	No	N/A	
ADMINISTRATIVE					
1.	Are the Plans & Specifications Signed and Sealed by a Georgia PE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Is the "Water System Extension Application" complete and submitted with plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Is the "Abbreviated Drinking Water Project Submittal Form" complete and submitted with plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Is the Erosion, Sedimentation, & Pollution Control Plan Included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Wetlands Certification & Floodplain Statements on Plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Call Before You Dig Note on Plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Overall Utility Plan w/10' Contours & Floodplain Limits Shown?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Scale ≤ 1"=100'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GENERAL					
9.	Are all water pipes DIP, and labeled as such on the plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Is all waterline in proposed subdivisions ≥ 8" along main streets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Is all proposed waterline along cul-de-sacs of longer length ≥ 8" (with the last 1000 feet reduces to 6") unless looping is provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Locations of existing and proposed valves and other appurtenances shown on plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.	For major developments, is the location and size of vacuum and air release valves (to be installed at highest points in the system) shown on the plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Is a plan of all future phases of development, showing streets, street names, and lot layout included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Is the proposed size, location and material of water mains and service laterals noted on plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.	Location, material, and sizes of existing pipe lines surrounding the proposed project shown and labeled on plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DESIGN CONSIDERATIONS FOR SYSTEM MAINS					
17.	Fire Hydrants ≤ 500 feet apart in single family residential developments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Fire Hydrants ≤ 1000 feet apart along main supply lines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19.	Fire Hydrants located at the end of cul-de-sacs where the water lines end?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20.	At intersections is the number of gate valves is equal to the number of streets in the intersection minus 1?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21.	In line valves located approximately 1,000 feet apart or at every other hydrant?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22.	Methods and location of tie-ins with existing main labeled with the size on plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23.	Proposed meter sized and locations shown? (No bull head services permitted)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24.	Water distribution and services to be installed under the pavement of cul-de-sacs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25.	Water mains under existing pavement must be called out to be in steel casing, diameter and length of casing noted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26.	All existing and proposed right-of-ways and easements labeled?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27.	Show and label existing and proposed topography?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28.	Show and label existing and proposed features pertinent to design and layout along pipeline route?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29.	Adequate dimensions, stations, and labels that clearly indicate proposed location of pipeline relative to right-of-way, centerlines, edge of roads, etc.?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
30.	Minor Stream/Creek Crossings are adequately designed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
31.	No aerial crossings in design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
32.	Following note on plans: "Water line construction shall be in accordance with all requirements of the Jackson County Water and Sewerage Authority and the specifications and details of the Authority's "Construction Standards and Water System Specifications", latest edition"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
33.	Following note on plans: "The curbing must be installed prior to any waterline installation along a proposed roadway."?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
34.	Following note on plans: "Regarding New Water Lines: The Jackson County Water and Sewerage Authority is not required to locate water lines that were installed by a developer or other persons that have not yet been accepted into the Authority's ownership (receipt of a letter from the Authority indicating the developer has met all requirements). The person installing those lines is required to install and maintain visible, permanent markers (i.e. color coded wire flags, valve markers, service stub markers, etc.) in order to identify the water facilities at the time the lines are installed. Once the Authority has taken legal ownership of those water lines, the Authority is responsible for locating them when a request is received."?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
35.	Projects that require extension of main lines to the project site shall be required to extend the main along the property frontage if the existing main is adjacent to the proposed development. The limit of the extension is the greater of: twenty feet past all entrance improvements or to the end of the last lot to be served unless distance to the property line is less than 100 feet at which the said line shall be extended to the end of the entire property.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DESIGN CONSIDERATIONS FOR SERVICE LINES					
36.	Service Line Shown For Each Lot and/or Each Building?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
37.	Adequate Separation Between Sewer and Water Service Lines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MISCELLANEOUS					
38.	Plan Details Match JCWSA Standards (Where Applicable?)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
39.	Plan Notes, Callouts, Specifications, etc., Match JCWSA Standard Specifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
40.	Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Checked By: _____

Title: _____