

JCWSA WASTEWATER EXTENSION SYSTEM APPLICATION CHECKLIST - GRAVITY SEWERS

Date: _____

Name of Project/Development: _____

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 Engineering

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 Five (5) Sets of Construction Plans Submitted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Three Sets
C.	Completed <i>Wastewater Extension System Application</i> Attached To Each Planset?	<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.
E.	Does this Project have a SS Pump Station?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If "Yes", <i>SYSTEM APPLICATION CHECKLIST - WASTEWATER LIFT STATIONS</i> also applies
F.	Is this project intended to serve an Industrial User?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If "Yes", <i>Industrial Questionnaire</i> must also be filled out.

Checked By: _____

Title: _____

Items 1 - 40 To Be Checked By JCWSA Engineering

No.	Description	Correct?			Comments
		Yes	No	N/A	
<i>ADMINISTRATIVE</i>					
1.	Are the Proposed Improvements Consistent with the JCWSA Master Plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Do Any Main Trunks Need to Be Upsized For Future Development?</i>
2.	Are the Plans & Specifications Signed and Sealed by a Georgia PE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Is the <i>Wastewater Extension System Application (WESA)</i> complete and correct?	<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.	" <i>Call Before You Dig</i> " 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"/>	
<i>GENERAL</i>					
8.	Are Pipe Size(s) Adequate for Peak Flows Listed in <i>WESA</i> at slopes shown?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Minimum Sewer Main Size is ≥ 8"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Minimum Sewer Service Line Size is ≥ 4" (Residential) or 6" (Commercial/Industrial)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Are Pipe Slopes Consistent w/Standard Specifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>DESIGN CONSIDERATIONS FOR SYSTEM MAINS</i>					
12.	Sewer Mains Shown in Centerline of Street (if possible)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Easements Shown for Mains Not in Street or Outside R.O.W.?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Min. easement width from centerline of pipe (on both sides) = depth of cover on pipe
14.	Max. Spacing Between Manholes ≤ 400'?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Manholes at ALL Alignment Changes? (No Curvilinear Sewer)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.	At Alignment Changes or Junction MH's, Max Flow Path Turn is ≤ 90 Degrees?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17.	Manholes at all Service Connections ≥ 6"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Sewer Main Alignment Satisfies Stream Buffer Setbacks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19.	Sewer Main Alignment Satisfies Waterline Separation Requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20.	Sewer Main Crosses Waterlines and Streams at or near 90 Degrees?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21.	All Utility and Stream Crossings Shown On Profile?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22.	Adequate Separation, Pipe Type, and/or Concrete Encasement Shown At Crossings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23.	Sewer Main in Steel Casing at Road Crossings and Bores?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24.	Sewer Main Depth of Cover Consistent w/Standard Specifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25.	Ductile Iron Pipe and Special Bedding Shown for Stream Xings & B/F Depths ≥ 15'?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26.	Outside Drop Manholes Shown where Pipe Inv. ≥ 24" Above MH Invert?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27.	Where Main is Upsized, Larger Sewer Lowered to Maintain Energy Gradient?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28.	Drop Across MH Inverts Consistent w/Standard Specifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29.	Watertight Bolted MH Lids Shown Where Sewer is in Floodplain?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
30.	Main Extended for Future Connection and End of Line MH Shown?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>DESIGN CONSIDERATIONS FOR SERVICE LINES</i>					
31.	Service Line Shown For Each Lot and/or Each Building?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
32.	Adequate Separation Between Sewer and Water Service Lines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
33.	Sampling MH Shown for Commercial or Industrial Facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
34.	Grease Interceptor Shown? (<i>If Required by Standard Specifications</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
35.	Sand and Oil Trap Shown? (<i>If Required by Standard Specifications</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>MISCELLANEOUS</i>					
36.	Plan Details Match JCWSA Standards (Where Applicable)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
37.	Plan Notes, Callouts, Specifications, etc., Match JCWSA Standard Specifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
38.	Are flow arrows shown on Plan Sheets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
39.	Is the Letter 'S' shown at the end of all proposed SS Service Stubs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
40.	<i>Other</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Checked By: _____

Title: _____