



# City of Sultan Comprehensive Plan

## Appendix C Level of Service

## Appendix C: Level of service (LOS)

The 2004 Comprehensive Plan contained Level of Service standards for several types of service delivery and capital facilities. In its order requiring revisions to the Plan, the Central Puget Sound Growth Hearings Board found that it had not adequately analyzed LOS and the needed capital improvements resulting from those standards. The City revisited its LOS standards as part of its overall review of its capital facilities plan. Standards were added for sewer conveyance and stormwater systems. They were revised for Transportation and Parks. LOS standards were eliminated for Police Services and for services or facilities not provided by the City.

Service/Facility	2004 Plan	2008 Revision
Sewer		<ul style="list-style-type: none"> <li>• Sewer service limited to within City Limits.</li> <li>• <i>'Criteria for Sewerage Works Design'</i> published by the Washington State Department of Ecology.</li> <li>• Compliance with WAC 173-240-050 (General Sewer Plan requirements).</li> <li>• No new on-site septic systems allowed inside City Limits.</li> <li>• Unsewered parcels connected to sewer system.</li> <li>• Sewer system designed to contain all sewage and the extraneous flow that enters during a 10-year, 24 hour storm event.</li> <li>• Sewer capacity calculated with the pipe flowing full at the design pipe slope under projected peak hour conditions.</li> <li>• Minimum pipe slope sufficient to maintain a velocity of 2 feet per second under flowing full conditions.</li> </ul>
Sewage Treatment	100 Gallons per day per resident	<ul style="list-style-type: none"> <li>• <i>'Criteria for Sewerage Works Design'</i> published by the Washington State Department of Ecology WAC 173-240-040</li> <li>• Compliance with the NPDES permit.</li> <li>• Provide sufficient capacity for the defined service area (70 gallons per day per capita).</li> </ul>
Water Supply	230 Gallons per day per resident	<ul style="list-style-type: none"> <li>• Water service limited to UGA (Urban Growth Area).</li> <li>• Water management of private wells inside City Limits.</li> <li>• Maximize Lake 16 water source in relation to Everett.</li> <li>• Standards for water system facilities as defined by WAC 246-290-100 and the <i>'Water System Design Manual'</i> published by the Washington State Department of Health.</li> <li>• Fire protection meeting or exceeding fire code standard.</li> <li>• Minimum operating pressure at least</li> </ul>

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		30 pounds per square inch (PSI). <ul style="list-style-type: none"> <li>• Fire flow of 1,000 GPM for residential areas and 1,500 GPM for non-residential development.</li> </ul>
Water Storage	800 GPD per Equiv. Residential Unit (ERU)	
Stormwater	None	<ul style="list-style-type: none"> <li>• Design Standards are the current version of the "Stormwater Management Manual for Western Washington".</li> <li>• Maintain Department of Ecology Standards for stormwater infiltration, retention/detention and water quality treatment, using Best Management Practices (BMPs).</li> <li>• New stormwater conveyance system built to accommodate 25-year storm event.</li> <li>• Existing conveyance system built to 10 year storm event standard.</li> <li>• The overall goal is to have the removal of 80% of the total suspended solids (TSS) from stormwater, using the BMPs put forth in the Dept. of Ecology Standards.</li> <li>• Volume of runoff predicted from a 24-hour storm with a 6-month return frequency and continuous simulation modeling, as standards allow.</li> </ul>
Transportation	"B"	Revised to "D"
Parks	42.6 acres per 1000/residents	Revised to: Neighborhood 1.5 Acres per 1000 residents Community 2.0 Acres per 1000 residents
Police	2.6 Uniformed Officers/1000 residents	Eliminated – Determined by annual budget
Public Works Facility	6.26 square feet per person	Eliminated – Space need studied separately
Police Administration	6.26 square feet per person	Eliminated – Space need studied separately
City Hall	6.26 square feet per person	Eliminated – Space need studied separately
Firefighters	0.5 Firefighters/1000 residents	Eliminated – District separate from City
School Students	.603 students per household	Eliminated – District separate from City
Solid Waste	.299 tons per capital per year	Eliminated – Service separate from City
Library	.63 Square feet per person	Eliminated – District separate from City
Natural Gas	1000 BTU per household per year	Eliminated – Service separate from City
Electricity – Residential	1.91 KV per resident per year, peak load	Eliminated – Service separate from City
Electricity -- Employees	2.59 KV per resident per year, peak load	Eliminated – Service separate from City

Each of the Level of Service Standards that have been added, modified or retained are described in the respective sections on capital facilities: