Lands for Public Purposes Element and Utilities Element Review for the City of Tumwater's 2025 Comprehensive Plan Update

Balancing Nature and Community: Tumwater's Path to Sustainable Growth



General Government Committee – December 13, 2023

Intent

- Discuss Growth Management Act Lands for Public Purposes and Utilities Elements Goals
- Present the current version of the Elements
- Consider specific issues for the Elements
- Consider how to incorporate diversity, equity, and inclusion throughout
- Discuss guidance materials



Growth Management Act Capital Facilities Goals

• **Urban Growth**. Encourage development in urban areas where adequate public facilities and services exist or can be provided in an efficient manner.

• **Public Facilities and Services**. Ensure that those public facilities and services necessary to support development shall be adequate.



2016 Lands for Public Purposes Element

- Inventory of existing capital facilities owned by public entities
- Forecast of the future needs for such capital facilities
- Proposed locations and capacities of expanded or new capital facilities
- Lands for Public Facilities Element Maps show the locations of the existing capital facilities owned by public entities
- Essential Public Facilities and siting



Lands for Public Purposes- Capital Facilities Inventory

- Transportation System
- Solid Waste Management
- Sewage Treatment Facilities and Sanitary Sewer System
- Stormwater Systems and Facilities
- Water Systems and Facilities
- Parks, Recreation, and Open Space
- Fire Protection and Emergency Medical Services
- Police Protection
- School Facilities
- Library Services
- City Facilities



2016 Capital Facilities Maps

- Sewage Treatment Facilities and Sanitary Sewer System
- Stormwater Systems and Facilities
- Water Systems and Facilities
- School Facilities, Library Services, City Facilities



Lands for Public Purposes- Essential Public Facilities

Table 5. Essential Public Facilities from TMC Figure 18.56.140(B)

Code	Essential Public Facility
A	Airports
В	State Education Facilities
C	Large Scale State or Regional Transportation Facilities
D	Prisons, Jails, and Other Correctional Facilities (including but not limited to: jails; juvenile detention facilities; prisons and prerelease facilities; work release facilities)
E	Solid Waste Handling Facilities
F	Inpatient facilities including substance abuse facilities (including but not limited to: intensive inpatient facilities, long-term residential drug treatment facilities, and recovery house facilities)
G	Mental Health Facilities (including but not limited to: congregate care facilities, adult residential treatment facilities, and evaluation and treatment centers)
Н	Sewage Treatment Facilities (not including individual or community wastewater treatment systems)
I	Emergency Communication Towers and Antennas
J	Secure Community Transition Facilities
K	Other Facilities Designated by the Washington State Office of Financial Management as Essential Public Facilities



Essential Public Facility Siting

	Table 4. Essential Public Facilities from TMC Figure 18.56.140(A)																		
	Tumwater Essential Public Facility Siting Policies for City Zoning																		
	RSR	SFL	SFM	MFM	MFH	MU	CBC	NC	CS	GC	TC	LI	HI	HC	GB	OS	AP	ARI	BD
A																		P	
В						C	C		C	C	C	C						C	C
C									C(3) (4)			C(3) (4)	C(3) (4)					C(3) (4)	
D												С	C					C	
Е												С	C					C	
F				C	C	C	C	C		C									
G				C	C	C	C	C		C									
Н												C	C					C	
I		C	C	C	C	C		C	C	C	C(1)	C	C					C	
J												C(2)							

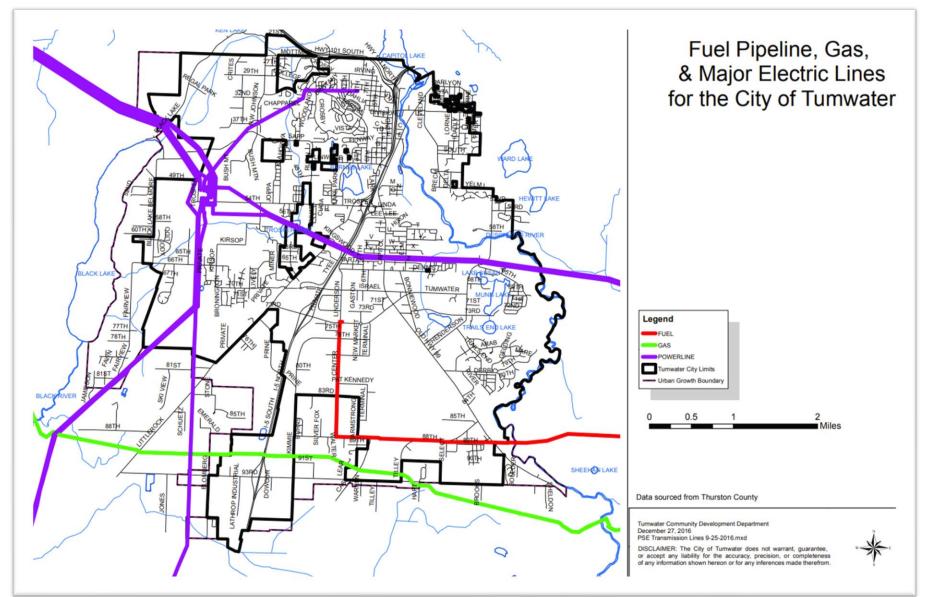


2016 Utilities Element

- Utilities Element discusses the general location, proposed location, and capacity of all existing and proposed private utilities
 - Natural gas
 - Electricity
 - Telephone
 - Utility pipelines
 - Cable television
 - Cellular
- Broadband internet



2016 Utilities Map





2025 Topics to Address as Part of the Update

Lands for Public Purposes Element:

- Address Organics Management Facility Siting (ESSHB 1799)
- Update inventory and projected needs for public buildings, facilities and services over the 20-year planning period
- Use the updated City and urban growth area 20-Year population forecasts
- Update provisions for protection of the quality and quantity of groundwater used for public water supplies



2025 Topics to Address as Part of the Update

Lands for Public Purposes Element:

- Allow expansion of the area in the City that would allow for essential public facilities such as inpatient facilities as part of Planning Commission's 2022 Comprehensive Plan amendment cycle recommendations
- Group A water system plans must include climate resilience element if initiated after June 30, 2024



2025 Topics to Address as Part of the Update

Utilities Element:

- Include all electrical, telecommunication, and natural gas systems and make a good faith effort to gather information from them (E2SHB 1181)
- Update general location, proposed location and capacity of all existing and proposed gas, electric, cable television, and telecommunications to year 2045
- Update wireless telecommunication facilities information as needed
- Update the general location, proposed location, and capacity of all existing and proposed utilities
- Incorporate provisions of the updated 2023 Hazard Mitigation Plan as appropriate
- Update Maps



New Requirements

- Special consideration for environmental justice in goals and policies (E2SHB 1181)
- Address Organics Management Facility Siting (ESSHB 1799)



Structure of Lands for Public Purposes Element

1.	INTR	ODUCTION	1
	1.1	Introduction	1
	1.2	County-Wide Planning Policies	5
	1.3.	Sustainable Thurston	
		1.3.1 Priority Goals	10
		1.3.2 Leadership & Participation Goals	
		1.3.3 Community Goals	
		1.3.4 Economy Goals	12
		1.3.5 Housing Goals	
		1.3.6 Schools & Transportation Goals	1
		1.3.7 Water Infrastructure Goals	
		1.3.8 Public Safety Goals	12
		1.3.9 Solid Waste Goals	
		1.3.10 Environmental Goals	12
	1.4	Population and Demand	12
	1.5	Urban Growth Area	13
2.	CAPI	TAL FACILITIES INVENTORY	17
2.	2.1	Transportation System	
	2,1	2.1.1 Streets and Roads	
		2.1.1 Streets and Roads 2.1.2 Regional Transit Facilities and Services	
		2.1.2 Regional Transit Facilities and Services	
		2.1.4 Pedestrian and Bicycle System	
	2.2	Solid Waste Management	
	2.2	2.2.1 Pathways to Zero Waste	
	2.3	Sewage Treatment Facilities and Sanitary Sewer System	
	2.4	Stormwater Systems and Facilities	
	$\frac{2.4}{2.5}$		
	2.6	Water Systems and Facilities	
	2.7	Parks, Recreation, and Open Space	
	2.7	2.7.1 Administration	
		2.7.1 Administration	
		2.7.3 Emergency Medical Services	
		2.7.4 Training	
		2.7.5 Fire Prevention	
	0.0	2.7.6 Summary	
	2.8	Police Protection	
		2.8.1 Administration	
		2.8.2 Patrol	2

LANDS	FOR	PUBLIC	PURPOSES	ELEMENT
TABLE	OF C	ONTENT	S	

		2.8.3 Traffic
		2.8.4 Investigation
		2.8.5 Crime Prevention
		2.8.6 Summary
	2.9	School Facilities
	2.10	Library Services
	2.11	City Facilities
3.	ECCE	NTIAL PUBLIC FACILITIES SITING AND EXPANSION
э.	3.1	
	3.2	Growth Management Act 35
	3.3	County-Wide Planning Policy
	5.5	Siting Process for Essential Public Facilities in Tumwater
4.	GOAL	S, POLICIES, AND ACTIONS
	4.1	Lands for Public Purposes Goals, Policies, and Actions
LIST	OF TA	ABLES
Table	1. For	undational Plans and Data
Table	2. Tu	mwater and Urban Growth Area 20-Year Population Projection 13
		oulation Growth by Fire District
Table	4. Ess	sential Public Facilities from TMC Figure 18.56.140(A)
		sential Public Facilities from TMC Figure 18.56.140(B)
LIST	OF FI	GURES
Figur	e 1. Po	opulation Growth by Fire District
Figur	e 2. Tu	imwater School District Boundary
Figur	e 3. Sc	chool District Population Growth Projection
LIST	OF M	APS
		atment Facilities and Sanitary Sewer Systems
Storm	water	Systems and Facilities

Sewage Treatment Facilities and Sanitary Sewer Systems Stormwater Systems and Facilities Water Systems and Facilities Fire District Map School Facilities Library Services City Facilities



Structure of Current Utilities Element

1.	INTI	RODUCTION	1
	1.1	Introduction	1
	1.2	Utility Regulations	2
		1.2.1 State Regulation	3
		1.2.2 Federal Regulation	4
		1.2.3 Franchise Agreements	4
	1.3	County-Wide Planning Policies	4
	1.4	Sustainable Thurston Goals	8
		1.4.1 Priority Goals	8
		1.4.2 Economy Goals	8
		1.4.3 Housing Goals	8
		1.4.4 Energy Goals	8
		1.4.5 Solid Waste Goals	8
		1.4.6 Environment Goals	9
2.	NAT	URAL GAS	
	2.1	Regulatory Context	
		2.1.1 Natural Gas Policy Act 1978	
		2.1.2 The Clean Air Act Amendment of 1990	
		2.1.3 The Clean Air Rule	
		2.1.4 Olympic Region Clean Air Agency	
	2.2	System Analysis	
		2.2.1 Residential Rates	11
		2.2.2 Industrial Rates	12
	DI D	OMDI OLIVY	
3.		CTRICITY	
	3.1	Regulatory Context	
		3.1.1 The Western Electricity Coordinating Council	
		3.1.2 The Northwest Power Pool	
		3.1.3 The Northwest Power and Conservation Council	
		3.1.4 Washington Energy Independence Act	
	0.0	3.1.5 Western Interstate Energy Board	
	3.2	Electricity Supply	
		3.2.1 Understanding Electricity Transmission and Distribution	
	3.3	System Analysis	
		3.3.1 Electricity Rates	
		3.3.2 Electricity Usage	20
4.	NAT	URAL GAS AND FUEL PIPELINES	91
ч.	4.1		
	4.1	Olympic Pipeline	41

	4.2	Williams Northwest Pipeline	21
	4.3	Puget Sound Energy Natural Gas Pipelines	21
5.	TELI	ECOMMUNICATION	23
	5.1	Broadband	
		5.1.1 Digital Subscriber Line (DSL)	
		5.1.2 Cable	23
		5.1.3 Wireless	
		5.1.4 Satellite	
		5.1.5 Mobile	24
		5.1.6 Fiber Optic	24
	5.2	Television	24
6.	MEE	TING FUTURE DEMAND	95
0.	6.1	System-level Impacts of Energy Efficiency	
	0.1	by stem-level impacts of Energy Enterency	
7.	POTI	ENTIAL IMPACTS OF CLIMATE CHANGE	28
8.		JTIES GOALS, POLICIES, AND ACTIONS	
	8.1	Utilities Goals, Policies, and Actions	
TICT	OFT	ABLES	
LIST	OF I	ABLES	
Table	1. Fo	oundational Plans and Data	2
		urrent Inventory of Infrastructure	
Table	4. Tu	umwater and Urban Growth Area 20-Year Population Projection	26
Table	5.	The City of Tumwater and Urban Growth Area 20-Year Popu	lation
Proje		-	
Table	6.	The City of Tumwater and Urban Growth Area 20-Year Ho	ousing
Proje			
Table		The City of Tumwater and Urban Growth Area 20-Year F	
Const	umptio	on Projection	28
TABI	LE OF	FIGURES	
Figur	e 1. R	desidential Natural Gas Prices	12
		ndustrial Natural Gas Prices	
		Vatural Gas Usage by Sector	
		Current Fuel Mix for Electricity	
		Postrigity Usago by Sostor	



Current Lands for Public Purposes & Utilities Element

Link to current Elements:

Tumwater Comprehensive Plan | City of Tumwater, WA



Commerce Guidance Materials

- Periodic Update Checklist for Fully Planning Cities (Commerce, March 2023)
- A Guide to the Periodic Update Process Under the Growth Management Act Fully-Planning Counties & Cities (Commerce, 2022)
- Commerce Periodic Update Materials, including:
 - Capital Facilities Planning
 - □ *Capital Facilities Planning Guidebook* (Commerce, October 2014)
 - Stormwater
 - □ Building Cities in the Rain: Watershed Prioritization for Stormwater Retrofits (September 2016)



Next Steps

- Staff complete Gap Analysis December 2023
- General Government Committee briefing December 13, 2023
- Public Works Committee Briefing January 18, 2024



Comments and Contact information

Written comments are welcome at any time during the periodic update process and staff will address and publish all formal comments

City of Tumwater Contact:

Brad Medrud, AICP City of Tumwater Planning Manager Community Development Department 555 Israel Road SW Tumwater, WA 98501 Phone: 360-754-4180 Email: bmedrud@ci.tumwater.wa.us

- The periodic update email is compplan@ci.tumwater.wa.us
- All documents related to the periodic update will be located on the <u>City's periodic update webpage</u>

