

**Table 8-12
Public Water System Inventory**

Water System Name	Date of Comp Plan	Supply Sources	Source Installed Capacity (Peak MGD)	Water Treatment*	Fire Flow	Storage (MG)	Certified Operator	Interties	Future Expansion	Comments
Anacortes, City of	#####	Skagit River	33.0	Dis., Sed., Filt., PAC, pH, FL	Yes (750-4,500 gpm)	7.00	Yes	Yes - Skagit PUD	Yes	Wholesales water to Oak Harbor, LaConner, and Skagit PUD. Water rights established on Lakes Campbell and Erie, but presently not used. Indicated source installed capacity of 33 MGD is present peak day production of pumping station on Skagit River.
			33.0							
Blanchard Edison Water Assn.	None	Well No. 1	0.144	None	No	0.20	Yes	Yes - Skagit PUD	No	Additional services would be a result of infilling only. Skagit PUD - emergency use only.
		Well No. 3	0.432							
		Well No. 4 White Wheel Creek	0.187							
Cape Horn Maintenance Co.	#####	Well No. 2	0.216	None	No	0.119	Yes	None	Yes	Future increases due to infilling of existing lots and some new areas to the southwest.
		Well No. 3	0.216							
			0.432							
Skagit PUD - Cedar Grove	#####	Well No. 1	0.432	Dis.	Yes	0.27	Yes	None	Yes	System owned and operated by Skagit PUD.
			0.432							
Colony Mountain Community Club	1998	Well #1	0.01	None	Pending	0.06	No	None	No	
Concrete Utilities	#####	Spring	1.080	None	Yes (2.5" -7OPSI)	0.10	Yes	None	Yes	Any future increase would be west of City limits. Considering adding new spring source estimated at 200 gpm.
			1.080							
Del Mar Community Service	#####	Well Spring (Jones Canyon) Spring (Dodson Canyon)	0.036	CL	Yes	0.20	Yes	Yes - Anacortes	No	Approved for 346 services, but utility does not propose to expand.
			0.016	CL						
			0.027	CL						
			0.079							

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Guemes Island Water Company	#####	Well No. 1 Well No. 2 Well No. 3	0.034	None	No	0.08	No	None	Yes	Will expand service if water rights are granted by DOE.
			0.026							
			0.034							
			0.094							
Hamilton Water Department	#####	Well No. 1	0.100	None	No	0.065	No	None	Yes	Potential 130 new services in development north of town, additional 50 by infilling. New well and storage are being designed.
			0.100							
La Connor Water Department	#####	Anacortes	5.040	Yes (by Anacortes)	Yes	1.50	Yes	Yes - Swinomish	Yes	Additional services will be infilling within existing service area boundary, with some extension to the northeast.
			5.040							
Leif Erickson Rec. Assn.	None	Well No. 1	0.114	None	No	0.011	No	None	No	No plans or desire to expand service area. Additional 100,000 gallons storage proposed. About 20 connections are full time residents.
			0.114							
Lyman Water Department	None	Well No. 1 Well No. 2	1.008	None	Yes (250 - 1,450 gpm)	0.15	Yes	None	Yes	Would be willing to expand service to the south and surrounding city limits but no development plans are known.
			1.008							
			2.016							
Skagit PUD - Rockport	#####	Well No. 1	0.144	Dis. (available)	Yes	0.060	Yes	None	Yes	System owned and operated by Skagit PUD.
			0.144							
Samish Farms Water Assn.	None	Skagit PUD	0.216		No	0.45	Yes	None	Yes	Would be willing to expand service, but no development plans are known.
			0.216							
Shelter Bay Community	1969	La Connor/ Anacortes	0.778	Yes (by Anacortes)	Yes	0.147	Yes	Yes - Swinomish	Yes	Would be willing to expand service, but no development plans are known.
			0.778							
Skagit PUD (Fidalgo Island)	#####	Anacortes		Dis., Sed., Filt., Pac., pH, FL	Yes	0.3	Yes	Yes - Anacortes	Yes	4 interties with City of Anacortes. Transmission lines at Reservation Road, Shapiro Corners, Dewey and Deception Road.

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Skagit PUD (Judy)	#####	Gilligan Creek	14.24	Disinfection Filtration pH	Yes	24.12	Yes	Yes - Anacortes, Samish Farms, Fir Island, Blanchard Edison	Yes	Installed capacities of the creek sources are diverted to Judy Reservoir. Water delivery to the transmission mains is limited by the water treatment plant which has a design capacity of 12 MGD and peak day flow capacity of 18 MGD.
		Mundt Creek	17.17							
		Turner Creek	11.05							
		Salmon Creek	3.75							
		Anacortes	36.145							
Skagit County W. D. No. 1	#####	Well No. 1	0.108	None	Yes	0.08	No	None	Yes	Plans to expand by 20 services.
		Well No. 2	0.181							
			0.289							
Swinomish Utility and Env. Serv. Auth.	1986	Well No. 1	0.130	CL, FL	Yes (500 - 1,000 gpm)	0.218	Yes	Yes - Anacortes, La Connor, Shelter Bay	Yes	Projected future services estimated based on an expected increase of 235 residential equivalents. Assumed 3 residents per service. Growth along Western Coast North of Highway 20. Well No. 1 not used - high iron problem.
		Well No. 2	0.065							
		Well No. 3	0.065							
		Anacortes	0.0288							
			0.548							
Upper Skagit Indian Tribe	None	Well No. 1	0.065	CL, FL	Yes	0.088	No	None	Yes	
		Well No. 2	0.079							
			0.144							
Wild Village	#####	Well No. 1	0.122	None	No	0	No	None	Yes	
			0.122							

Water Treatment:

- CL = Chlorine
- FL = Fluoride
- DIS = Disinfection
- SED = Sedimentation
- FILT = Filtration
- PAC = Powdered Activated Carbon