

Regional Capacity and Public Safety Data

	Aurora ^a	Babbitt	Biwabik ^a	Duluth	Ely	Hibbing	Hoyt Lakes ^a	Tower/Soudan	Virginia
Water									
Capacity (mg/d)	0.864	0.600	0.320	40	1	3.2	1.5	0.300	5
Average Demand (mg/d)	0.222	0.200	0.128	19	0.350	2.3	0.307	0.0900	1.7
System Issues/Upgrades	Study underway to identify a new water source with Biwabik. Considering building a new facility for both.	None	Study underway to identify a new water source with Aurora. Considering building a new facility for both.	Water tower will go online mid-May 2012 adding 900,000 gallons to the 68 million storage capacity.	\$350,000 rehab work every year	None	Minor upgrades to the water plant.	Needs New Water Tower	None
Wastewater									
Capacity (mg/d)	0.900	0.500	0.220	100	1.5	4.5	0.650	0.176	4.3 ^d
Average Demand (mg/d)	0.200	0.200	0.160	16	0.400	2	0.270	0.13	2 ^d
System Issues/Upgrades	\$7 million upgrade in the last four years.	Just hired a consulting firm to look into upgrading or rebuilding a new wastewater plant.	None	The City is upgrading or replacing two wastewater lift stations each year at an annual cost of \$600,000 per year.	\$350,000 rehab work every year	Wastewater inflow & Infiltration concerns throughout the city; certain neighborhoods have wastewater backups during large rain events.	Started preliminary engineering for rebuilding wastewater facility.	None	Just starting project to expand wastewater plant and reduce mercury; projected completion 1st qtr 2013
Education									
Capacity	1500	1200	1500	9,800	1,775	2,680	1500	175	1623
Enrollment	886	348	886	8,308	542	2,319	886	94 ^e	1623
Facilities to be upgraded/replaced	See Below ^a	None	See Below ^a	See Below ^b	None	None	See Below ^a	None	See Below ^e
Facilities to be combined/closed	See Below ^a	None	See Below ^a	See Below ^b	None	None	See Below ^a	None	See Below ^e
Public Safety									
Police Officers	5	4	7 ^a	152	8	30	6	1	18
Firefighters	22	35	21	125	32	23	21	15	21 ^f
EMS Ambulance Personnel	7	25	21	48	27	19	23	19	21 ^f
Motel/Hotel Rooms	26	24	132	4,600	180	220	40	8	169 ^g
Mobile Homes									
Occupied Berths	30	0	0	789	40	204	30	5	76
Vacant Berths	10	0	0	11	25	131	50	0	0
Park/Facilities permitted for Homes	1	0	0	3	1 ^h	3	1	0	1

^aThese three communities are part of the Mesabi School District. The district plans to replace boilers and resurface parking lots at their facilities. Biwabik receives law enforcement from Gilbert.

^bDuluth School District is downsizing and modernizing its facilities, resulting in one less high school, one less middle school, two less elementary schools, and one less K-8 facility.

^cK-6 only

^dNumbers reflect current system, once wastewater upgrade is complete capacity will increase to 9.9 mg/d and average demand will go up to 3.1 mg/d.

^eConsidering setting up portable classrooms for next fall. Community is grappling with getting buy-in and funding to either add or build new facilities.

^fFirefighters are full-trained EMS and operate ambulance services from fire hall.

^gVirginia is one four cities adjacent to each other. The total number of motel/hotel rooms in the "Quad Cities" is 364.

^hPark ws recently sold; future uncertain