

2012 Water Facts

**Total number of
metered connections
in Renton:
17,422**

**Population within
retail service area:
62,100**

**Total population:
93,910**

**Number of supply
sources:
9 wells, 1 spring**

**Water produced
from all sources in
operation:
2,372,782,500
gallons**

**Water produced on
average day:
6,483,012**

**Water produced on
highest demand day
Sept. 7, 2012:
11,445,000 gallons**

**Water produced on
lowest demand day
February 11, 2012:
4,627,000 gallons**

**Total miles of water
main in service:
306 miles**



Where Does Renton's Drinking Water Come From?

During 2012, Renton obtained its drinking water from three sources: five downtown wells, located in Liberty and Cedar River Parks, which draw water from the Cedar Valley Aquifer; Springbrook Springs, a small springs located at the south Renton; and from the Maplewood wellfield, located in the Maplewood Golf Course. In 2012, our combined water sources produced 2.37 billion gallons of water.

Another potential water source is the agreement to buy water from Seattle Public Utilities (Cedar and Tolt rivers). This source became available January 2012. During 2012 this source provided approximately 1.6% of the City's water. The SPU water will be primarily a backup supply used mostly during summer peak use periods for some years to come.

The water pumped from the downtown wells and Springbrook Springs sources is very clean and needs minimal treatment. Chlorine is added to destroy bacteria and viruses that possibly can enter our source water. Chlorine also protects water in the distribution system in case there is a contamination event like a water main break or backflow incident. Because the water from our downtown wells and Springbrook Springs is naturally soft, sodium hydroxide is added to help prevent the corrosion of household plumbing. Fluoride is also added to prevent tooth decay and, in the areas of Renton Hill, Talbot Hill and West Hill, ortho polyphosphates are added to reduce the internal corrosion of old cast iron water mains that are found in these neighborhoods.

Water from the Maplewood wells is also very clean, but because of its naturally occurring substances, it must first be treated before it is pumped into the distribution system. The treatment process consists of the removal of manganese, hydrogen sulfide, and ammonia from the source water. Chlorine is added to protect the water in the distribution system and fluoride is added to prevent tooth decay.

Want To Get Involved?

The City of Renton welcomes your interest in its water system. The Renton City Council is the City's decision-making body. The Council meets on the first four Mondays of each month at 7 p.m. in the Council Chambers on the seventh floor of City Hall. Call the City Clerk's office at 425-430-6510 for meeting or agenda information or check the City Council calendar at Renton's website: rentonwa.gov/government