

500,000+ acre-feet Salt Lake City Water Inventory January 30, 2018

East side Creeks – 116,000 ac-ft (City Creek 12,000 ac-ft, Parley's Creek 19,000 ac-ft, Emigration Creek 4,000 ac-ft. Big Cottonwood 54,000 ac-ft (98% SLC), Millcreek (100% SLC), 11,000 ac-ft (110% SLC), Little Cottonwood Creek 20,000 ac-ft)
Deer Creek – 61,700 ac-ft Stock Certificate No. 64 Issued 3 rd November, 1992
Utah Lake – 14,600 ac-ft
Spiro Drain Tunnel 3,000 ac-ft
Ontario Drain Tunnel – 5,000 ac-ft – Sold to Heber Valley (JSSD) \$205 per ac-ft or \$1mm plus the return flow is captured in Deer Creek and 2/3 of that is re-sold to SLCO residents more like 8,000 af.
CUP water contract – 3,000 ac-ft (CUP contract with Metro) - \$9mm a year in CUP taxes by SLC residents
Sewer Water Re-Use water – 35,000 ac-ft (SLC has 171.85 ac-ft/day sewer capacity 62,729 ac-ft annual capacity. http://www.slcgov.com/utilities/public-utilities-waste-water)
15,514.723 Water shares 25,000 ac-ft used to be 55,567.473 Water Shares in 2003 page 54 SLC Inventory (40,000 water shares converted shares to deeded water rights)
Underground – 438.39 cfs – 317,304.5 ac-ft (SLC pumps about 10,000 ac-ft from 22 wells for summer peaking demand)
583,000 ac-ft
Unapproved Applications to Appropriate 1963 Big Cottonwood Canyon – 60,000 ac-ft WR #57-3287
Unapproved Applications to Appropriate 1963 Little Cottonwood Canyon – 50,000 ac-ft WR#57-3288
Unapproved Applications to Appropriate 1963 Utah Lake – 9,000 ac-ft WR#55-1127
119,000 ac-ft
*Combined – 699,000 ac-ft (for context all of Utah's remaining 245 cities use 1 million ac-ft combined)
*This 699,000 ac-ft excludes the 25,000 ac-ft of Utah Lake water granted by to SLC, but sold to CUP by Metro SLC, and the underground 7,237.95 ac-ft from Water Right 57-2402 from the State to Metro SLC sold Sandy City, and the non-consumptive Water Rights for 20 hydro-electric plants in Salt Lake County.
SLC in-city water demand less than 50,000 ac-ft
Salt Lake County “surplus” water demand 25,000 ac-ft (Millcreek, Cottonwood Creek, Town of Alta)
Park City, Wasatch County (JSSD), Town of Alta, canyon contracts, 4 ski resorts – 10,000 ac-ft
75,000 ac-ft total demand SLC (40,000 ac-ft) and “surplus” business (35,000 ac-ft) reported use

1 acre-feet (325,851 gallons) of water retails for \$700 per year generating about \$60 million in water sales for the 80,000 acre-feet with regular annual increases. With annual 4% increases in less than 17 years, retail water sales target is **\$100 million.**

SLC Public Utilities charges double for water, is triple staffed per water connection. “Saving the Canyons” is a deflection and distraction from poor management.

SLC Public Utilities Parley's plant using 200 TDS (no dogs) water produces 1 ac-ft of safe drinking water for \$480 v Jordan Valley using 600 TDS (with dogs) water produces 1 ac-ft of safe drinking water for \$48 per ac-ft.