

# BCWSA Fire & Drought Preparedness Guide



## Keeping Bucks County Ready & Active

### Prepared & Ready

BCWSA maintains several storage tanks and lines to service its water customers. Water capacity is maintained to address fire emergencies and drought conditions as needed. BCWSA closely monitors weather conditions and communicates with customers when certain water-use measures are needed or recommended.

### By the Numbers

23

total tanks located  
across the authority's  
service territory

30 Million

total gallons of water  
available in the tanks  
for usage

800

miles of transmission  
and distribution mains  
that carry the water

1,664

total fire hydrants in  
BCWSA's system

In addition, BCWSA utilizes Lake Galena as a reservoir that feeds the southwest system of the authority's service area. The lake has a storage capacity of 1.8 billion gallons.

### Water Usage

An average of about 8 million gallons of water per day is used through BCWSA's system. The tanks are always kept full through a continuous source of water. If needed, water can be added to the system from the Lake Galena reservoir. The system was built oversized, and it can feed between 15 and 17 million gallons of water a day into the system if needed - a capacity that's double the amount of daily water usage.



### Capacity

Storage Tank	Service Area	# of Tanks	Capacity (gallons)
Southwest Water System	Lower Bucks	5	11.5 million
New Hope Solebury System	New Hope Solebury	4	1.57 million
All Wholesalers	Southwest Water	14	16 million

Reservoir	Service Area	-	Capacity (gallons)
Lake Galena	Feeds Southwest System	-	1.8 billion

Learn more: [BCWSA.net](http://BCWSA.net)