

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

## CURRENT WATER TREATMENT PROCESS



1) WATER IS PUMPED FROM LAKE ARROWHEAD TO ONE OF TWO TREATMENT FACILITIES.



2) CHEMICALS ARE ADDED TO THE WATER TO HELP REMOVE IMPURITIES AND DESTROY ANY BAD TASTE AND COLOR.



3) WATER RUNS THROUGH CLARIFIERS TO REMOVE SMALL PARTICLES.

**DID YOU KNOW?**  
LACSD ALSO RECEIVES WATER FROM GROUNDWATER WELLS AND THE CRESTLINE-LAKE ARROWHEAD WATER AGENCY (CLAWA).



4) A SMALL AMOUNT OF CHLORINE IS ADDED AS A DISINFECTANT AND TO KEEP THE WATER FROM DEVELOPING BACTERIA AS IT TRAVELS THROUGH THE SYSTEM.

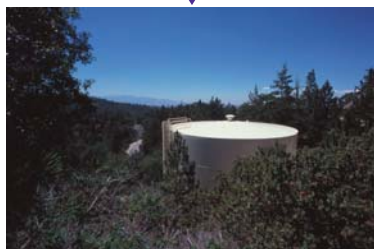


5) WATER IS FILTERED THROUGH LAYERS OF SAND, GRAVEL AND HARD COAL TO REMOVE ANY OTHER IMPURITIES THAT MIGHT BE IN THE WATER.



6) FILTERED WATER IS PUMPED TO THE CHLORINE CONTACT TANK.

**DID YOU KNOW?**  
DUE TO OUR MOUNTAINOUS TERRAIN, LACSD NEEDS 19 PUMPING STATIONS TO DELIVER WATER TO HOMES AND BUSINESSES. A SIMILAR DISTRICT IN A FLAT TERRAIN WOULD ONLY NEED ONE OR TWO PUMPING STATIONS.



7) WATER IS PUMPED INTO STORAGE TANKS.

**DID YOU KNOW?**  
LACSD PRODUCES A QUALITY OF WATER THAT IS GREATER THAN REQUIRED BY THE STATE DEPARTMENT OF HEALTH SERVICES.



8) WATER IS PUMPED THROUGH DELIVERY SYSTEM TO HOMES.

THERE ARE APPROX. 250 MILES OF WATER MAIN PIPELINES, WHICH IS MORE THAN 1.3 MILLION FEET.