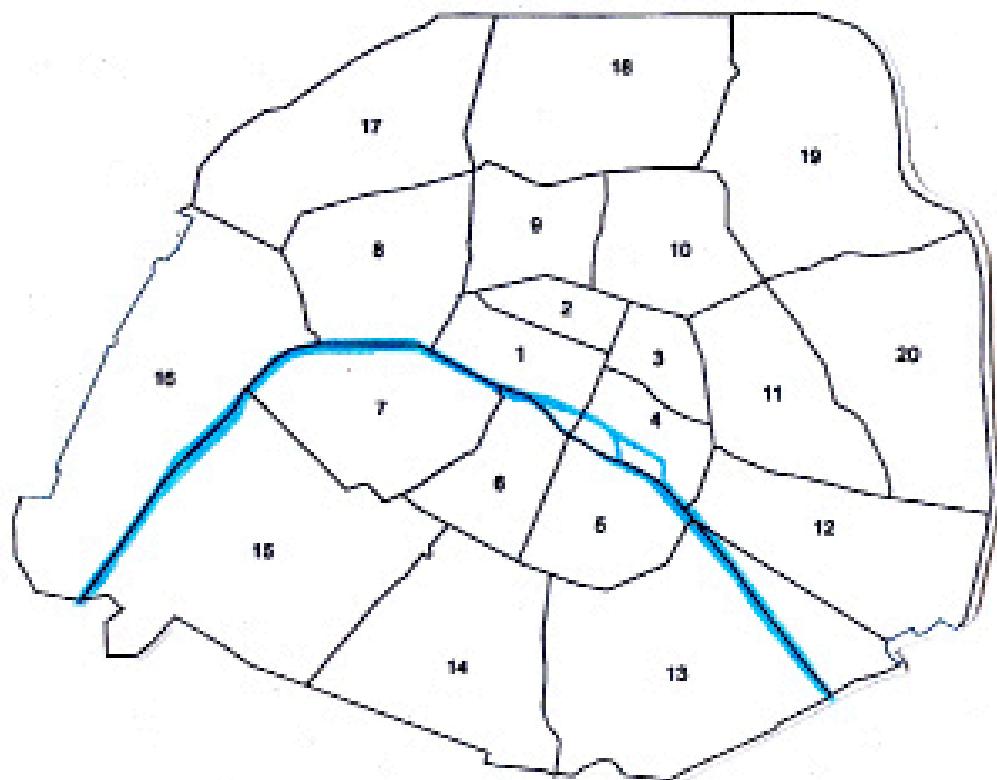


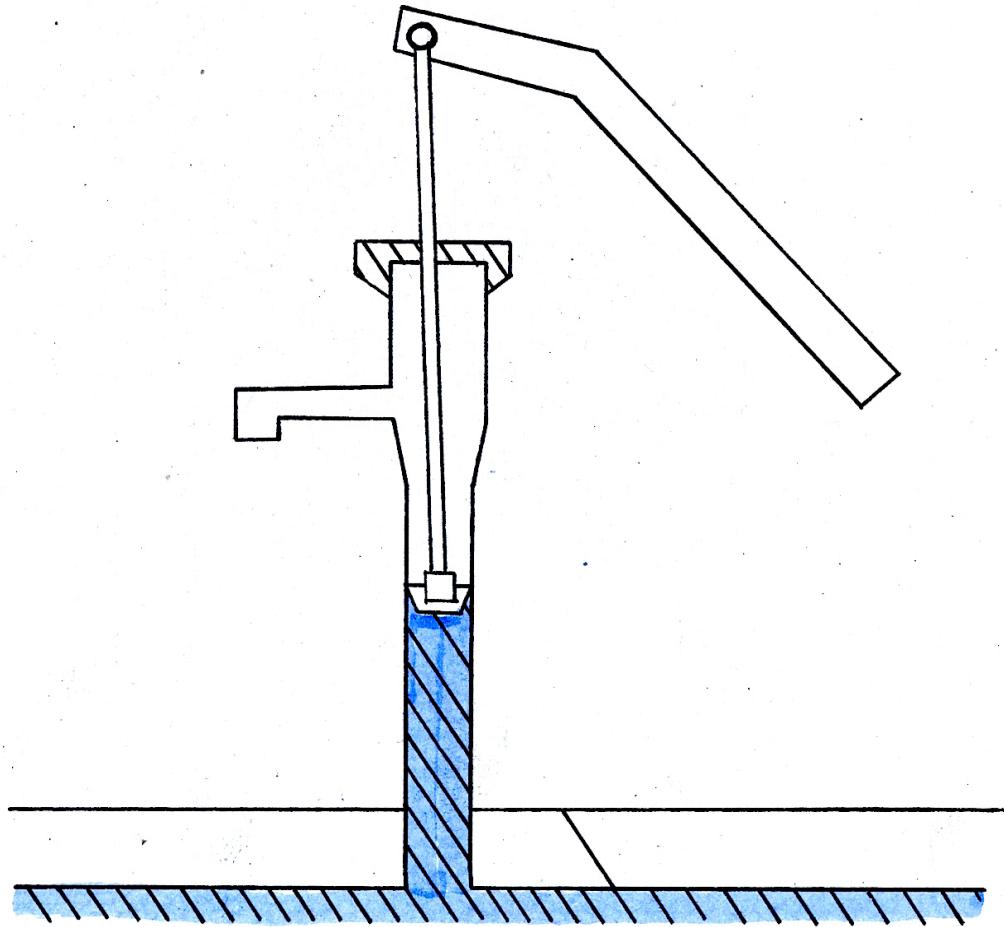
Paris



and
the
water
system

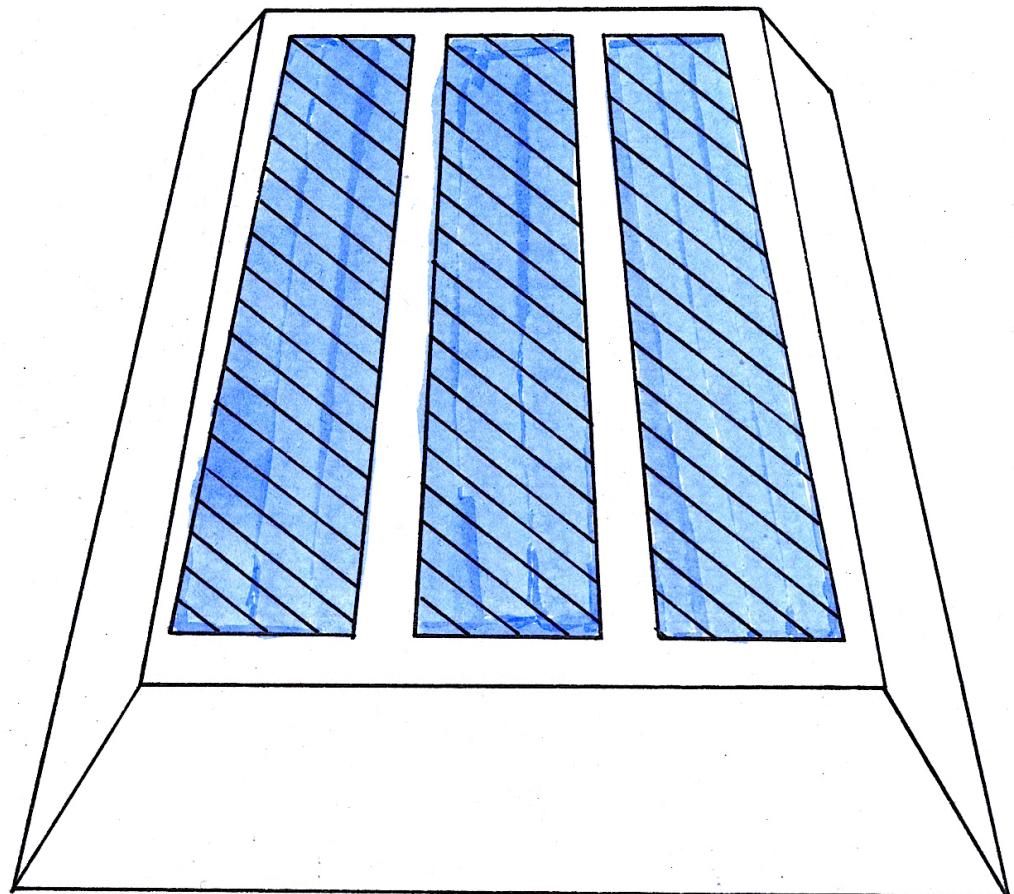
THE PUMPING

Water is pumped in the Seine, its tributaries
and groundwater sources, but is never clean enough.



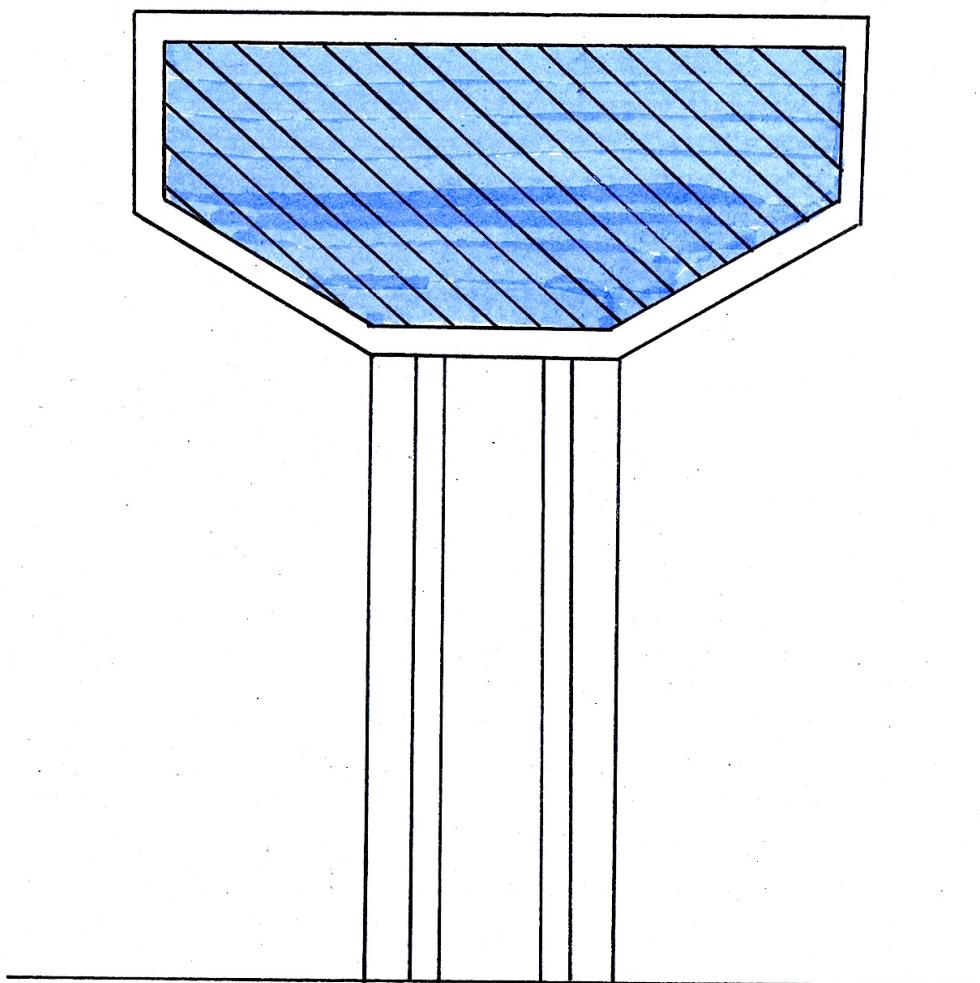
THE TREATMENT

Water goes through a sterilization process in factories. Ozone and chlorine are used for efficiency.



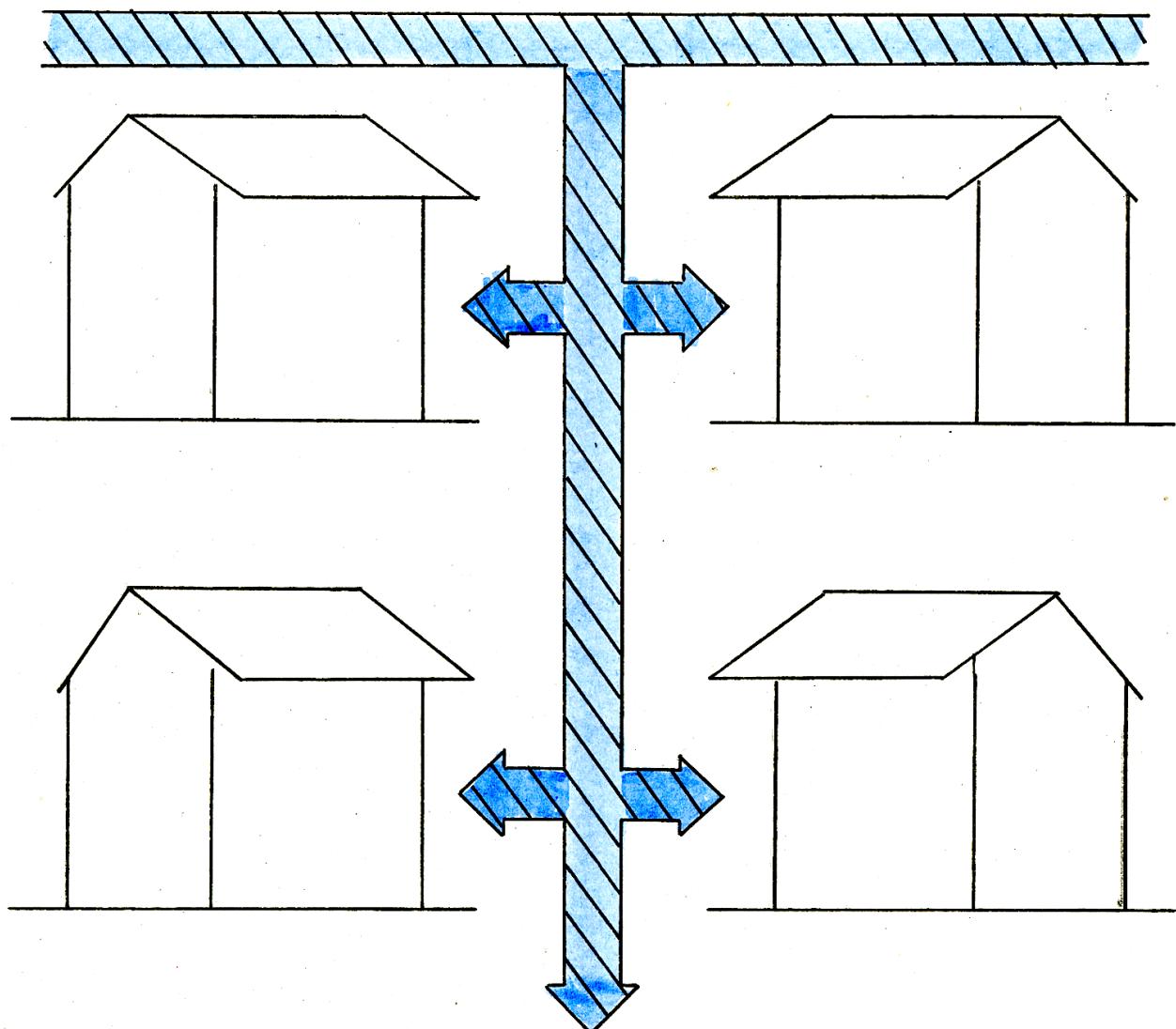
THE STORAGE

Water is then stored either in underground reservoirs or in "water castles". They often hold a 1 day consumption.



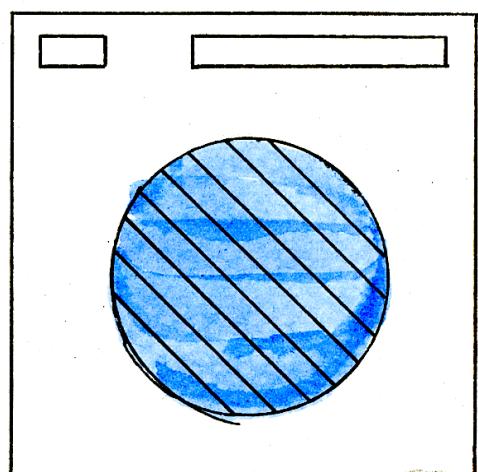
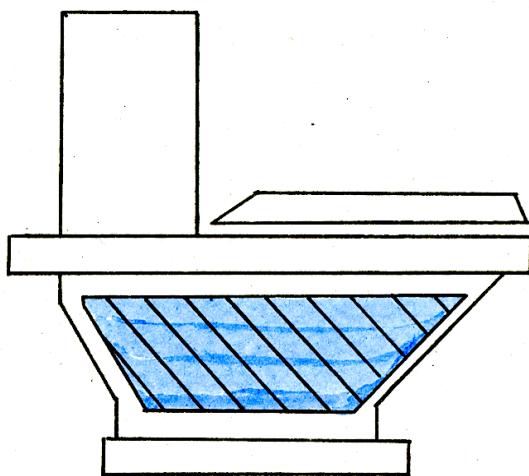
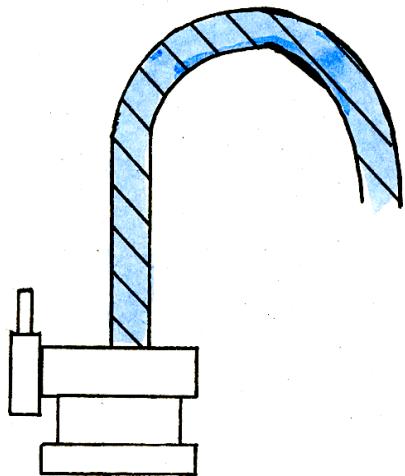
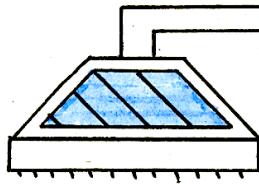
THE DISTRIBUTION

The pipelines favourise the distribution of water from reservoirs + "water castles" to homes.



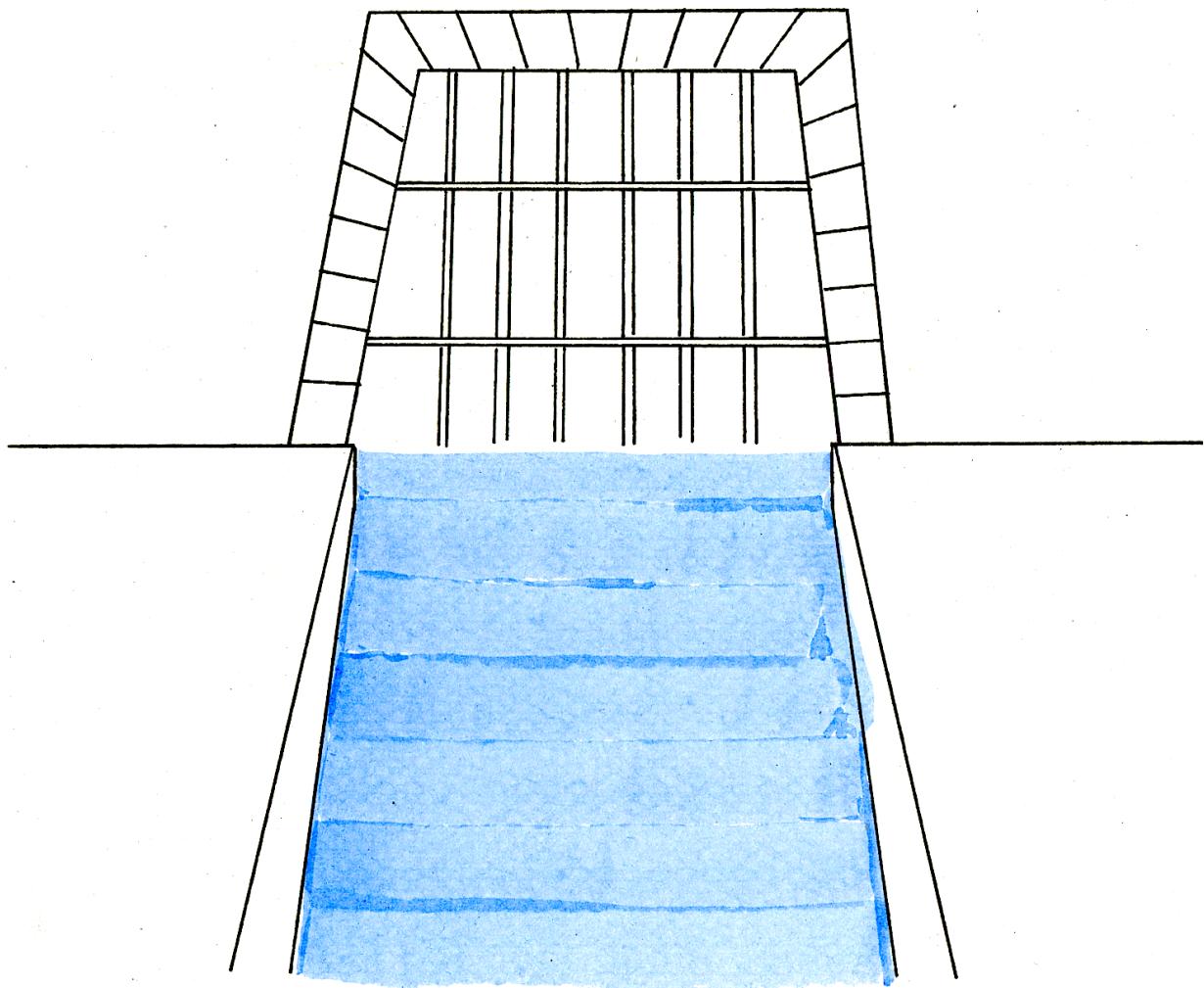
HOME WATER SYSTEMS

They most basically include showers, taps, baths, toilets, dish-washers and washing machines.



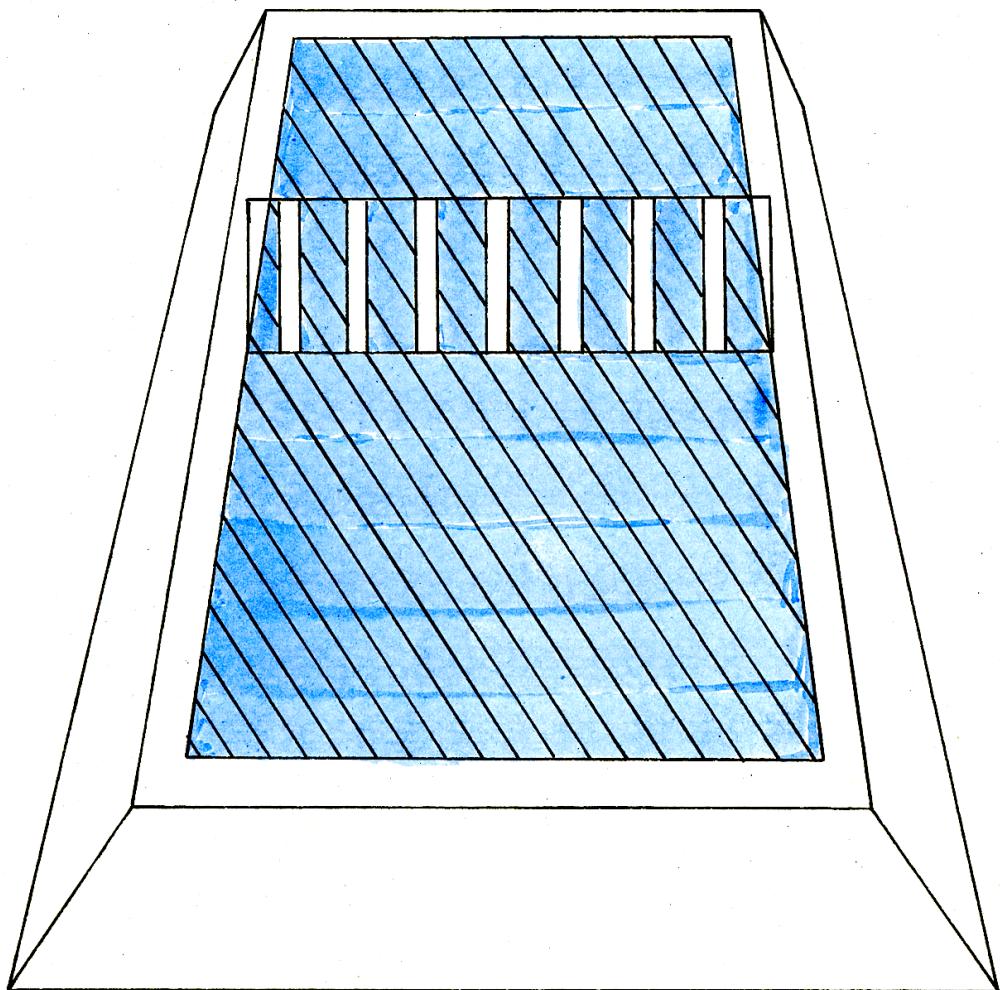
THE SEWERS

Paris wants 2'350 km of sewers. All of them collect the "dirty" water, leading to treatment plants.



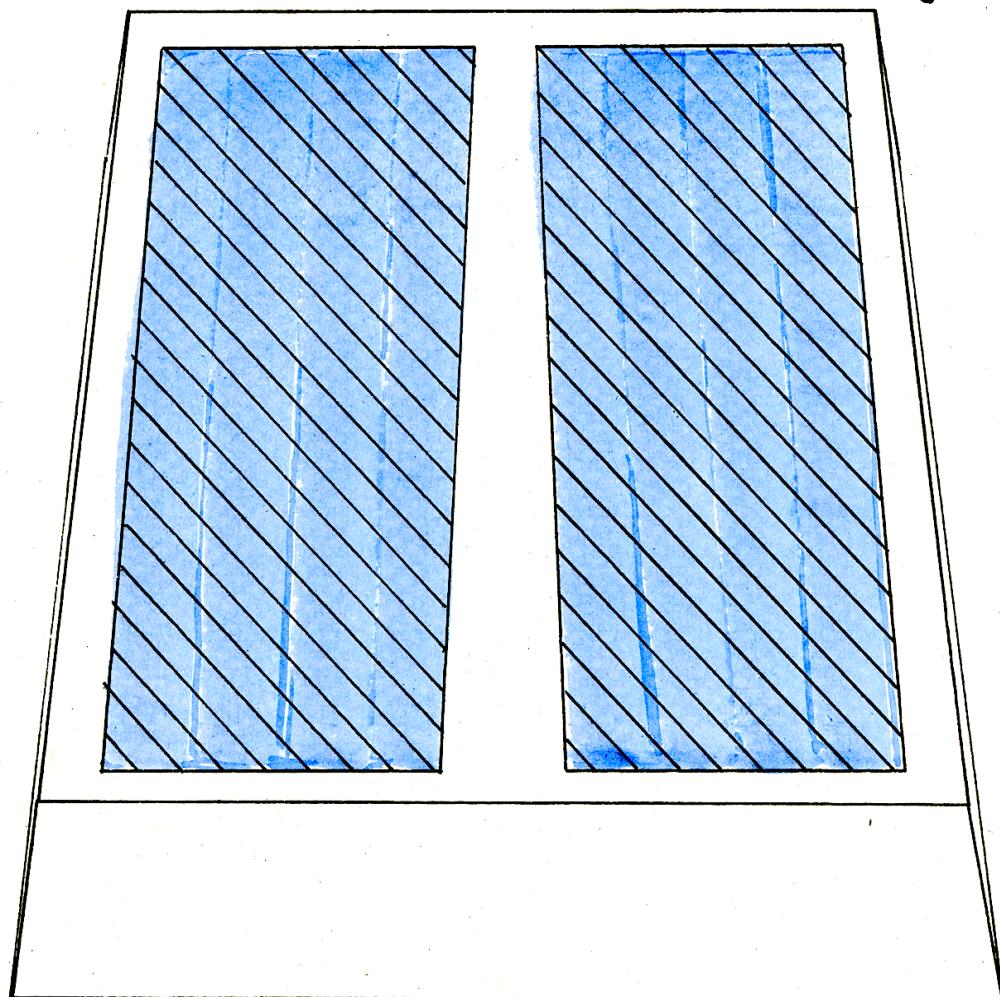
THE PURIFICATION SCREENING

Water goes through 2 grids which retain the largest litter. It is being disposed of like normal trash.



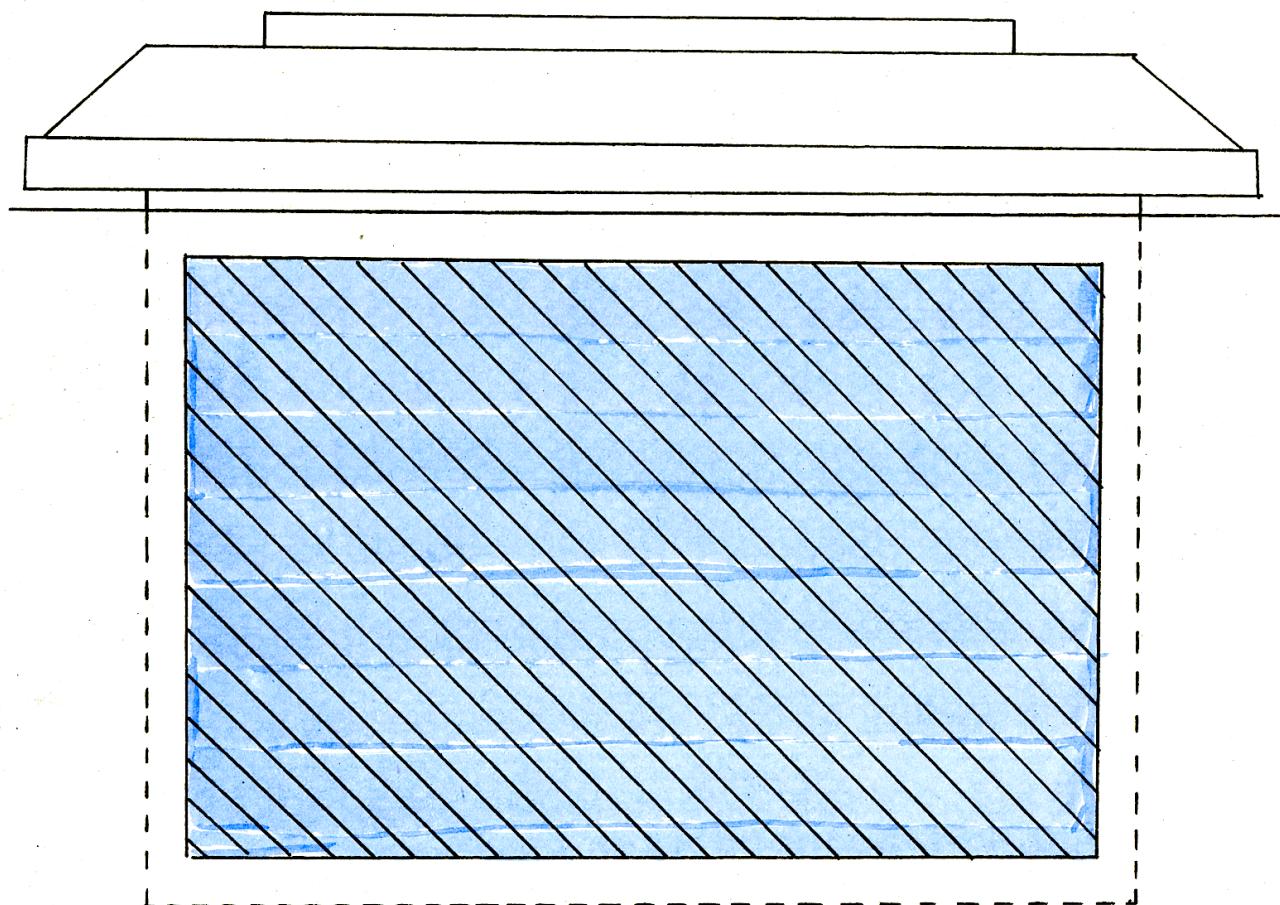
SANDBLASTING + DEGREASING

Sand deposits itself @ the bottom of the basins, while
greases will float. They will be disposed of by truck.



DECANTATION

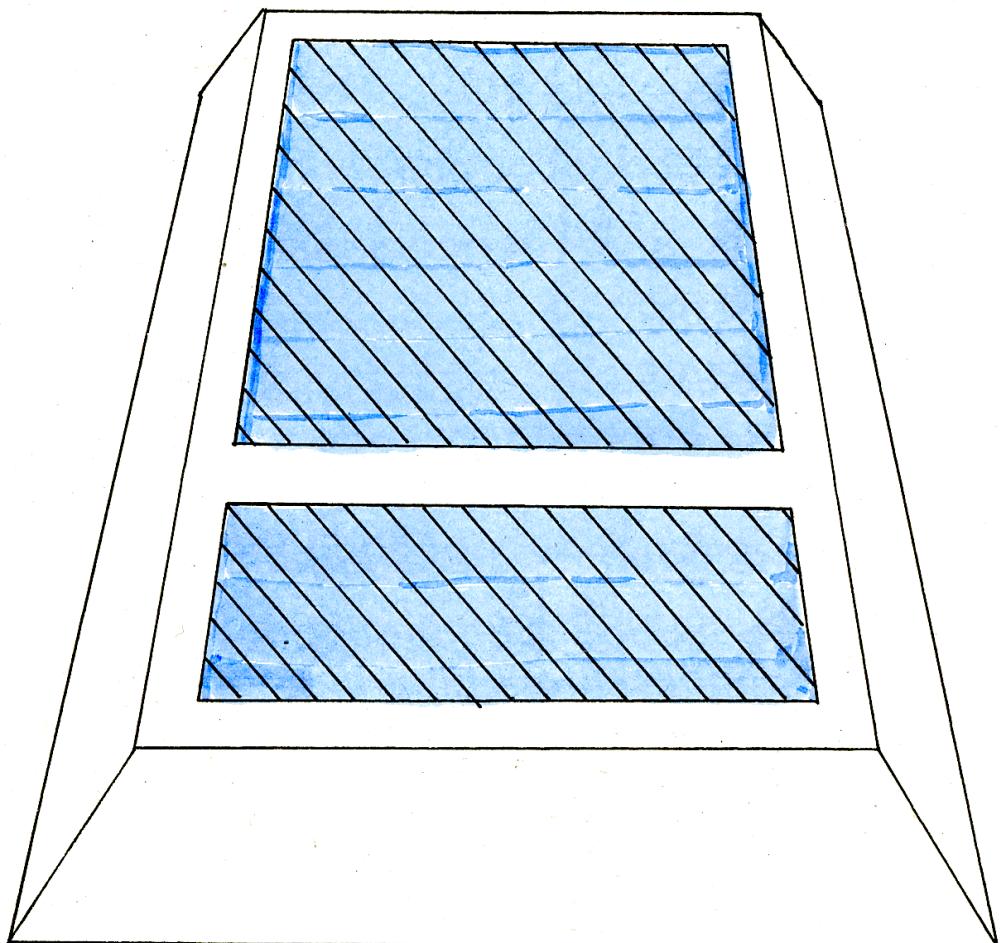
Water rests for 3H for more detritus to fall @ the bottom. The mud get pumped out + disposed of.



BIOLOGICAL TREATMENT

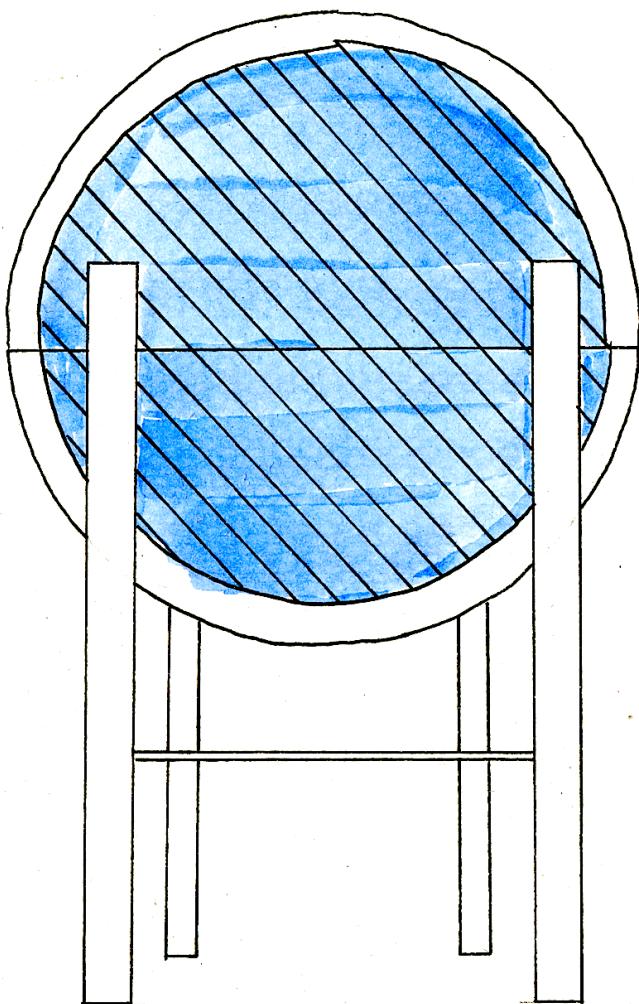
Bacteria is used to get rid of the remaining pollution.

As water becomes pure, bacteria are removed.



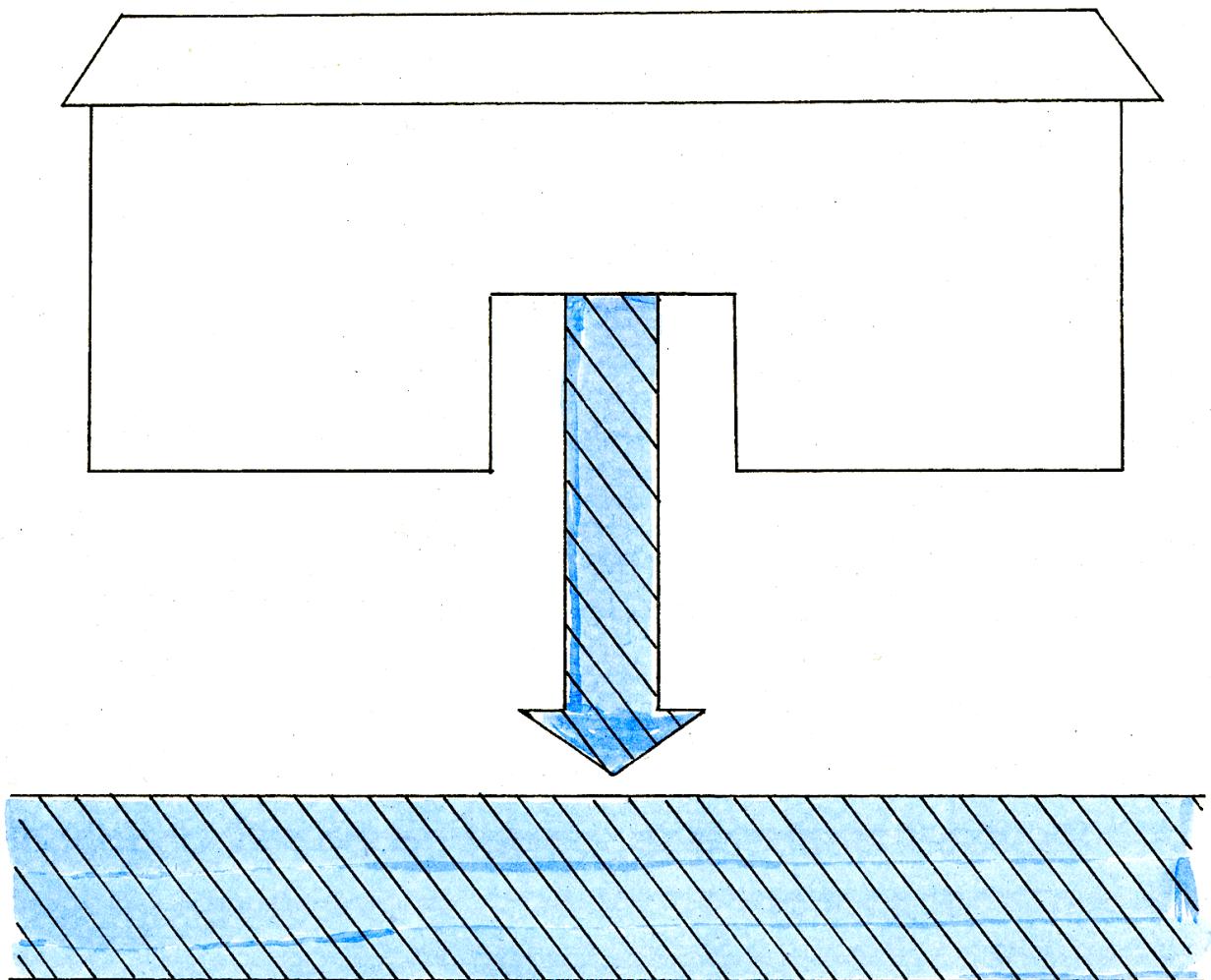
THE SLUDGE RECYCLING

Mud rests for 3 weeks : escaping gas is burned for electricity, dry mud as fertilizers , the rest is burnt.

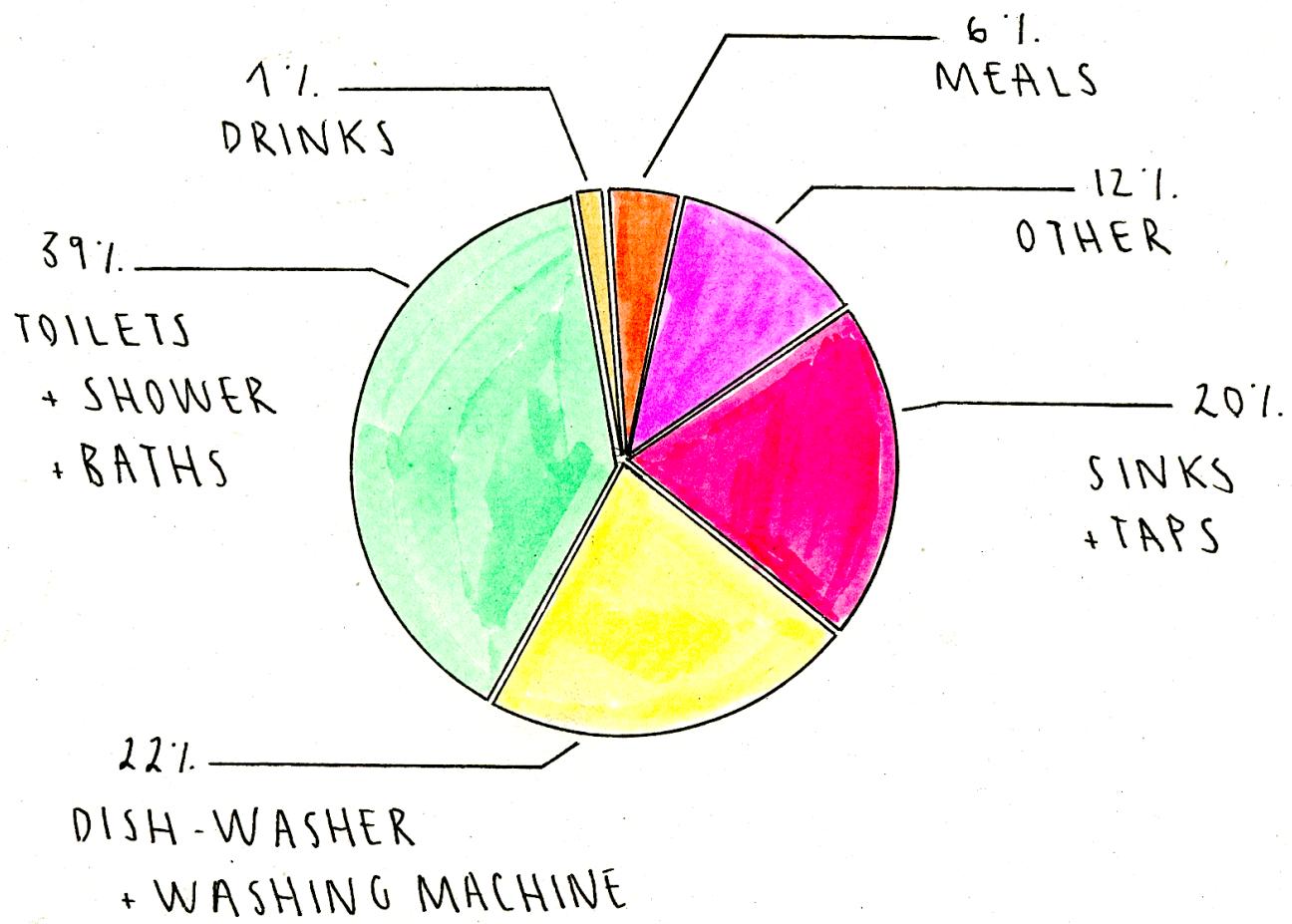


THE RESTITUTION

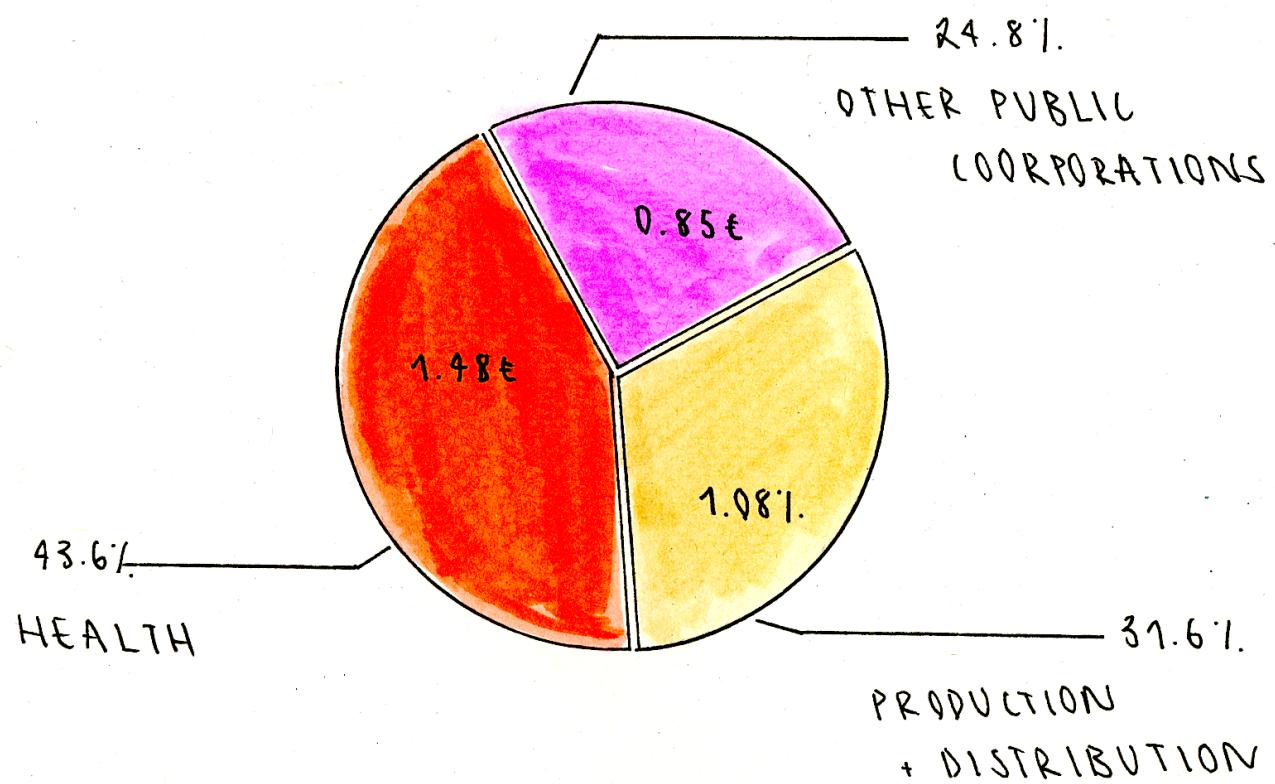
Hence the water can now be restituted in sources such as the Seine and the Marne.



CONSUMPTION IN PARIS



WATER PRICES



PARIS WATER SOURCES



NOTES