

The given diagram illustrates the cycle plastic bottles undergo to recycle. Overall, as clearly can be seen, this process completed in nine stages; required a variety of machines and skilled workers.

The cycle initiate with discarded plastic bottles in the recycling bins. Next, the bins are collected by the recycling trucks to transfer to the recycling centre, where the bottles are sorting according to either they are recyclable or not. After that, recyclable bottles are compressed into the block. In this stage, the plastic blocks are crushed with the help of the grinder machine and the crushed plastics are washed in the tank.

In the six stages, after washing, the crushed plastics are turning into plastic pellets, the fine size of crushed plastics, through a special machine. These plastic pellets are heated to produce the raw material. The raw materials are packed before sending to a factory to manufacture recycle items such as recyclable bags, pencils, T-shirts, food containers and bottles, and the recycle cycle begins anew.