



Caitlyn, Victoria, Leo and Louis
presents...

How is recycled paper
cleaned?
What happens at eco
central (Park House Road
Christchurch)?



Here is how recycled paper is cleaned



The process of waste paper recycling most often involves mixing old and used paper with water and chemicals to break it down. It is then chopped up and put on a high powered magnet which takes out all of the paper clips and objects. After that it gets put in a roller which breaks it down further into strands of cellulose, (a type of organic plant material)this resulting mixture is called pulpe or slurry.

Here is step by step process of what happens at ECO central.



1. The truck collects the rubbish from your house and puts into a massive pile on the floor at the material recovery facility (MRF)
2. It is then put into the conveyor belt to be airforced to separate all the objects from each other.
3. Then the objects that get recycled and travel threwh four angled screens.
4. When the paper reaches the first screen the carboarea gets separated.
5. The second and third screen removes newspaper.
6. The fourth screen removes magazines and pamphlets.
7. Once the paper has been separated it is put into another conveyer belt and put on to a large drum that is called pulper.
8. It is mixed into special chemicals to make into a pulp mixture.
9. Pulp is passed through a tank to remove the ink.

Here is the last steps to the process of what happens at ECO central

10. Soap and air are added and the ink sticks to the bubbles and floats to the surface.
11. The pulp travels through screens to filter out dirt, dust, small stones and it gets cleaner and cleaner as it goes through.
12. Then it is squeezed in a press to remove all the water it's holding.
13. Now it's ready to make newsprint and put into large rolls to be cut, wrapped, labeled so that it is ready to go to the new company.
14. Then the process gets repeated many and many times more!!!



Here Is An Interesting video



https://www.youtube.com/watch?v_J0BvswbEes



De-inking Paper Pulp by Flotation

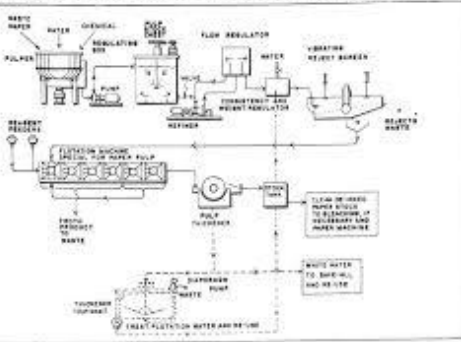


Image courtesy of Voith Paper





RECYCLE
PAPER!!!

**THANKS FOR
WATCHING
AND RECYCLE
PAPER**