From Flush To Fertilizer

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Hi, my name is Flo, and welcome to my life. I live a life full of adventures and movement. I am always on the move and seeing new things.
Life is great as water, but sometimes I can end up here.
Now, I have to go get clean and start my new journey through the pipes. The pipes take me far away from your houses and lead me to a water Reclamation Facility. The place where I will be cleaned.
The first stop for my cleaning adventure is the grinder. In order to keep my flow going, I need to get rid of the big garbage like makeup wipes and goldfish, so that the pipes do not get clogged. I then go into headworks which gets all the trash and harmful stuff out of me. By using big screened bars, they scoop up any garbage while I flow right through it.
Next, I head over to the teacups. This is where I get all the dirt and sand out of me. It starts off by putting me in a big circular shape t-cup and it spins me around really fast. Because the dirt and sand are heavier, it sinks to the bottom while I continue to rise. Once all the dirt is cleaned out, I move on to the next spot.
Now, I am put into the first main cleaning tank. Here, I sit for about two to three hours waiting for all the solid waste to settle to the bottom. Once it all settles, I can FINALLY leave and go to the next stop.
I am now put into the aeration tanks. Here pipes at the bottom of the tanks deliver oxygen rich air into me. The oxygen makes a good environment for the good bacteria to break down sludge particles. After about 10 hours, this process will be done, and I can move on.
Before I go to the second cleaning tank, I need to first take a quick stop by the mixing station. Here I get special chemicals put into me that make the bad stuff in me sink to the bottom. Once all the bad gunk has sunken to the bottom, it is scraped off and taken away. Once the gunk is all gone, I can start to flow to the second cleaning tank.
Now, I am put into the first main cleaning tank. Here, I sit for about two to three hours waiting for all the solid waste to settle to the bottom. Once it all settles, I can FINALLY leave and go to the next stop.
The chlorine tank and the UV system both do the same job, just in a different way. Although I may look clean, I still am dirty with very small disease-causing bacteria. In the chlorine tanks, chlorine is pumped into me and kills all of the bacteria still inside of me.
The other option I could have gone through is the UV light system. UV light is a black light that mimics the sun's rays to clean the water. This is much better for the environment. What the UV light does to me is fry the DNA in the bacteria so that it can no longer keep making more of itself. Once this is done, I go to the digesters.
All the sludge that was taken out of me is taken to the digesters. The first thing the digesters do is thicken the sludge. Then, good bacteria are put into the sludge to reduce the amount of volatile solids. Once this is done it is ready to go to the Pelletizer Facility.
Once the sludge reaches the pelletizer facility, the first step is making it into small round pellets. Then the pellets are put into big tubes so that they can be dewatered. Once the water is out, the pellets are put into a furnace around one thousand two hundred degrees. After about twenty minutes it is done and taken out. The pellets are now ready and sold to fertilizer companies.
Well, my journey has- come to an end and although I hate say goodbye, I must leave and continue my journey. I hope to see you again!
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