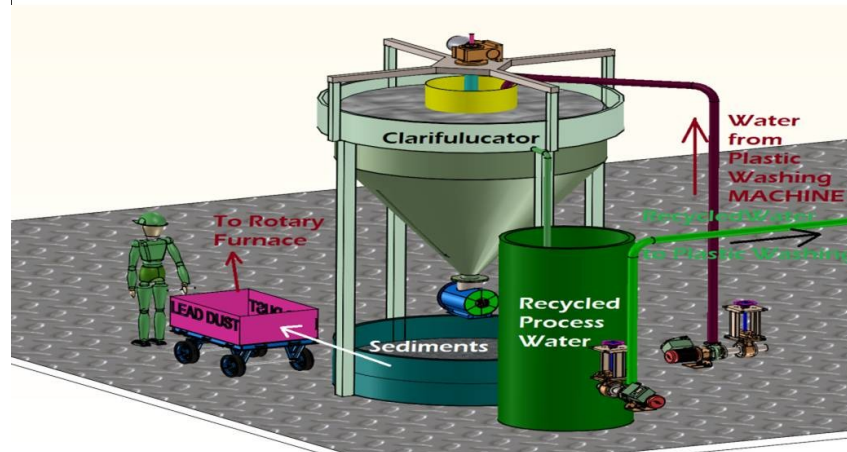


Liquid Effluent Treatment Plant



Water Treatment Unit:

In this unit, Used Water from Plastic Washing Machine, which have concentration of soda ash 15% to 20% (pH level 8-) is maintained, Battery Acid from Acid Draining Attachment, which is already diluted to 15% concentration by discharge state of Battery discharges majority of Sulphates are consumed by Lead which transforms into Lead Sulphates, now battery water having Specific Gravity 1100 and pH level at 4+pH. These both are mixed and pH level is controlled by automatic Digital pH controller Panel feeding Soda Ash/ Lime automatically in to the solution and sediments are formed. Sediments are agitated and pushed by centrifugal agitator in Clarifluculator, to bottom, from bottom these are removed by rotary valve to Settling Tank. Later water floating on top in sediments settling Tank is removed and sent back to Clarifluculator. Sediments are removed from settling tank and sent to Rotary Furnace for further Treatment. Hence Clear water is reused by the system.