



**ISO 9001 - 2015 COMPANY**

# **AB Techno Pvt. Ltd.** **AB Engineering Services**

AUTO WASTE TREATMENT SYSTEM



## AUTO WASTE TREATMENT SYSTEM

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### FLOW CHART OF THE PROCESS



## AB AUTO WASTE TREATMENT SYSTEM

Our system is used to take care of the polluting elements in Auto wash waste before it can be discharged or recycled to the nature. Any effluent, released from an automobile workshop or any other industry, when discharged directly (without any treatment) to the drainage system or the soil, the harmful pollutants keep on accumulating on the surface strata and below. This makes further sourcing of clean water difficult from the soil with a shallow bore well. We need to go much below for collection of pure water free from these pollutants, making it a costly proposal in terms of initial digging as also the pumping cost.

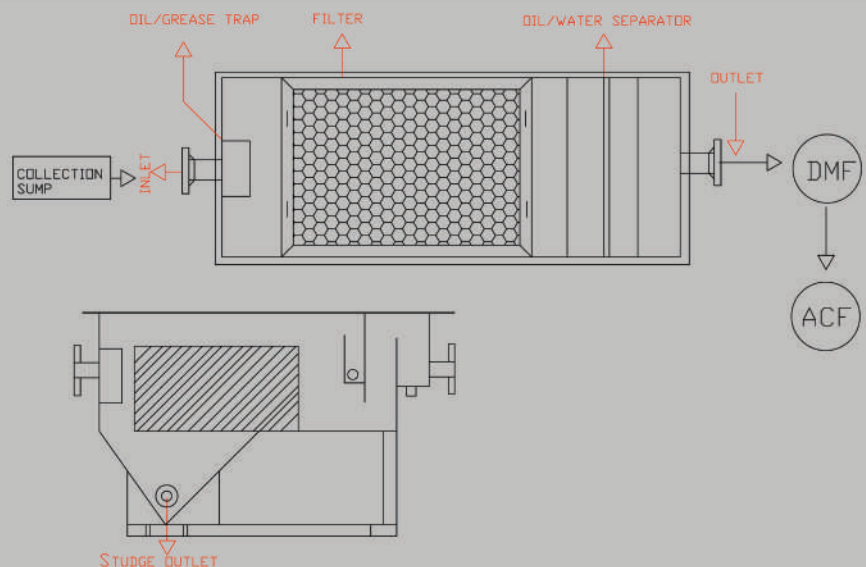
Also, deterioration of the virgin soil with the discharged pollutants make it detrimental for agricultural activities etc. **Hence the governing authority like Pollution board has made it mandatory to treat the waste before it could be discharged to the atmosphere.**

### PARAMETERS

**The waste parameters normally found in Car wash rejects in service stations visa vi the permissible limits for the same as per pollution department normally as under**

#### Parameters existing allowable

- BOD 500 < 30 mg/ltr
- COD 1000 < 100 mg/ltr
- OIL & GREASE 50 mg/ltr < 10 mg/ltr
- TSS 300 mg/ltr < 20 mg/ltr
- PH 6.5 – 7.5 7.0- 8.0



## Design Basis

The design is based on the following parameters :

- Number of cars washed per day
- Analysis of waste water to identify the pollutants present
- Whether the treated waste to be recycled or not
- The existing space
- Pollution norms prevailing at the place of use so as to maintain the parameters of the treated waste within the declared pollution norms.

The offered system is the out come of prolonged research, development and trial activities by AB Techno Pvt Ltd

## BATTERY LIMITS

1. Raw Waste Water - At the inlet of our equipment .
2. Treated water - At the outlet of our system
3. Power - At the incomer of Panel.
4. Oil - At the system outlet.
5. Sludge - At the outlet of our system

**The water coming out of the system can be recycled and used for further washing or any other purpose.**



## AB GROUP CUSTOMERS



### Our Other Products



Heat less Air Dryer



Industrial Chillers



Air Filter



Moisture separator



Air Compressor



Pneumatic Tool

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