

List of Equipments

Sl. No	<u>Name</u>	<u>Function</u>
1	Atomic Absorption Spectrophotometer	- Elemental analysis
2	Spectrophotometer VIS	- Concentration & Absorbency measurement
3	Flame Photometer	- Determine the presence of Na, K, Ca, Li in ppm
4	Micro Kjeldalh Digestion Apparatus	- Digestion
5	Distillation System with Programming	- Determine the amount of Total Nitrogen
6	pH Meter	- pH measurement
7	Dissolved Oxygen Meter	- Dissolved Oxygen (DO) measurement - Biological Oxygen Demand (BOD) measurement
8	COD meter	- Determination of Chemical Oxygen Demand
9	Turbidity Meter	- Measurement of Turbidity
10	Mini Sound Level Meter	- Sound level measurement
11	Lux Meter	- Light level measurement
12	Water Filtration Unit	-To prepare distilled water

13	Mechanical Top Loading Balance	- To take weight
14	Analytical Balance	- To weigh Sample
15	Electric Oven	- Total carbon determination - Moisture content determination
16	Hot Plate	- Heating, digestion
17	Magnetic Stirrer	- For shaking samples
18	Gas Analyzer	- Landfill gas analyzer
19	Digital Thermometer	- Temperature measurement
20	Humidity Meter	- Humidity measurement
21	Moisture Meter	- Moisture measurement