

CAPABILITIES:

Regional Laboratory Nagpur is carrying out analysis of following Parameters

List of Parameters carried out at NAGPUR Laboratory in different sections

| WATER Laboratory | |
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| Physical Parameters | pH, Color, Conductivity, Suspended solids, Total solids, Temperature Turbidity, T. D. Solids, F. D. Solids |
| Chemical Parameters | Acidity , Alkalinity, Ammonical Nitrogen Chemical Oxygen Demand (COD Bio-chemical Oxygen Demand (BOD) Chloride Calcium (Titrimetric) Cyanide Dissolved Oxygen , Fluoride ,Detergent Hardness, Nitrate -Nitrogen Nitrite –Nitrogen, Phosphate Phenols Potassium , Sodium, Sulfite , Sulphate T.K.Nitrogen Oil and Grease, % Na, SAR Aluminium, Arsenic Boron, Cadmium Chromium Copper, Iron, Lead Mercury, Magnesium Nickel ,Selenium Zinc , |
| Microbiological Parameters | Total Coliform, , Fecal Coliform, E. Coli Total plate count, |
| Toxicological Parameters | Aquatic Toxicity ,Bio-assay |
| Other | AOX, PHA |
| AIR Laboratory | |
| Ambient Parameter | SO _x , NO _x ,RSPM,,TSPM, Chlorine ,PM2.5 , Ammonia |
| Stack Parameter | SO ₂ ,TPM,Acid mist, |
| HAZARDOUS WASTE Laboratory | |
| | Aluminium, Cadmium Chromium Copper, Iron, Lead Mercury, Nickel , Zinc Calorific Value, % Moisture, pH, Acid Digestion &TCLP,CHNS |
| BIO-MEDICAL WASTE Laboratory | |
| | Spore test |