

Scope of Work

The scope of work to be carried out is as follows:

a) Water Quality Monitoring

Water samples to be collected as per BIS/International protocol viz, APHA standard methods of analysis from 5 locations seasonally, viz. during the month of Season I (June to August 2020), Season II (September to November 2020) .APHA Standard Methods of Analysis will be subjected to analysis of following parameters.

1. Colour
2. Odour
3. Taste
4. Turbidity
5. pH Value
6. Total Hardness
7. Iron
8. Chloride
9. Total Dissolved Solids
10. Calcium
11. Copper
12. Manganese
13. Sulphate
14. Nitrate
15. Fluoride
16. Phenolic Compounds
17. Cadmium
18. Lead
19. Zinc
20. Pesticides

b) Noise level Monitoring

To be recorded as per IEC criteria (International Electro Technical Commission) for **2** Seasons at 5 locations.

c) Ambient Air Quality Monitoring

Ambient air quality to be monitored as per CPCB stipulations at 5 locations covering **2** seasons.

Following parameters to be monitored as part of ambient air quality.

- * Nitrogen dioxide
- * Particulate Matter
- * Lead
- * Carbon Monoxide
- * Ammonia

d) Reporting

The interim report shall be submitted after carrying out a set of second sampling and final report shall be submitted within one month from the last set of observation. Three hard copies and a soft copy of the interim report and final report shall be submitted.