

## A. Water Quality Laboratory Analyses

S.N	Analysis	Method	Price
1	Appearance	Visual inspection	Rs. 495
2	Turbidity	Nephelometric, 2130 B, APHA	
3	Color	Visual Comparison 2120 B, APHA	
4	Temperature	Thermometric 2550 B, APHA	
5	pH	Electrometric, 4500-H <sup>+</sup> B, APHA	
6	Electrical Conductivity	Electrometric, 2510 B, APHA	
7	Total Alkalinity	Titrimetric method 2320 B, APHA	
8	PPH Alkalinity	Titrimetric method 2320 B, APHA	
9	Total Hardness	EDTA Titration 2340 C, APHA	
10	Calcium Hardness	EDTA Titration method 3500-Ca B, APHA	
11	Magnesium Hardness	Calculation, 3500- Mg B, APHA	

12	Calcium	EDTA Titration method 3500-Ca B, APHA	
13	Magnesium	Calculation, 3500-Mg B	
14	Total Iron	Phenanthroline, 3500-Fe B, APHA/Colorimetric	
15	Total Ammonia	Nesslerization, 4500 C-NH <sub>3</sub> , APHA (17 <sup>th</sup> Edition)	
16	Chloride	Argentometric, 4500-Cl B, APHA	
17	Arsenic Test	Kit method	Rs 300
18	Total Coliform Test	Most Probable Number	Rs 300
19	Faecal Coliform Test	Most Probable Number	Rs 300
20	<i>Escherichia coli</i>	Most Probable Number	Rs 300

**Note:** Other laboratory parameters mentioned in NDWQS guideline and waste-water can also be tested on special request. Also test for *Vibrio cholerae* and *Salmonella* Typhi can be carried out.

**B. Student visit fee: Rs. 200/person**