

**6.2.1 a - Measure the total volume of water used in the university that is taken from mains supply, desalinated, or extracted from rivers, lakes, or aquifers (Clean Water Sanitation)**

## Water consumption

B.S.Abdur Rahman Crescent Institute of Science and Technolgy measures the total volume of waster used in the Institution . Then main source of water supply for the Institute includes

**(i) Water supply from private water supply :** The water is transported to the Institute by means of lorry .

**ii) Bore wells :** The water required is also met by extracting the water from the bore well (3 Nos) and open well (3 Nos ) facility available in the Institute. The Institute also ensures that the quality of water obtained from the private supply and also from the well meets the drinking water standards by frequently conducting the water quality test.



### OPEN WELLS



### PRIVATE WATER SUPPLY

- |  |                               |
|--|-------------------------------|
| • Raw water taken from private supply /per year    | = 1,57,960 m <sup>3</sup>     |
| • Water extracted from well and bore well per year | = <u>30,000 m<sup>3</sup></u> |
| Total volume of water used in the university       | = 1,87,960 m <sup>3</sup>     |

Water Treatment plants are provided - 5 Nos. at various places in the campus to treat the water before use in quarters, **RO Plants**, Men's Hostel & Ladies hostel.

The capacity and quantity of water treated by each plant is tabled below

S.NO	LOCATION	CAPACITY	WORKIN G HOURS	REMARKS
1	New staff Quarters	5m <sup>3</sup> /hr	10	Commissioned in Apr -2016
2	New ladies hostel	5m <sup>3</sup> /hr	12	Commissioned in Aug -2016
3	Men's hostel service block	10m <sup>3</sup> /hr	18	Commissioned in Aug -2016
4	VC Villa	1m <sup>3</sup> /hr	4	Commissioned in Jan -2017
5	Life Science block	5m <sup>3</sup> /hr	8	Commissioned in Aug -2017
Total Treated Water		3,35,000 Liters per day		



**WATER TREATMENT PLANT**