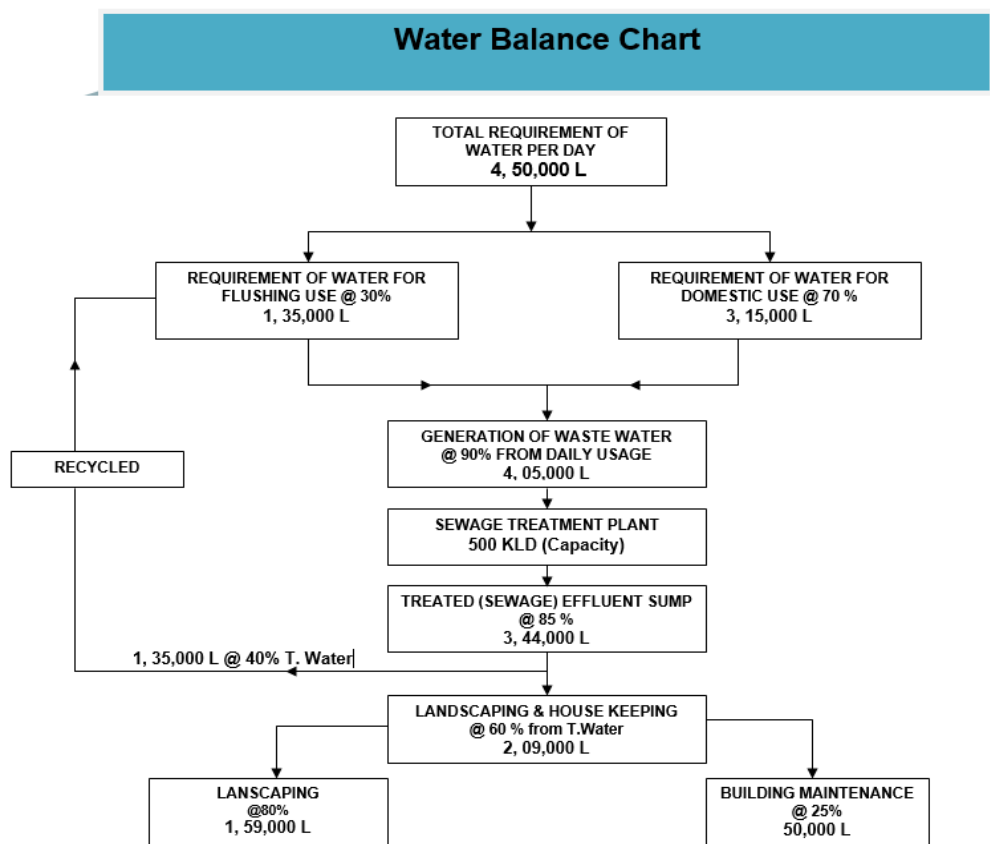


6.4.2 a - Policy to maximise water reuse across the university (Water Measurement)

Water Measurement

- ❖ B.S Abdur Rahman Crescent Institute of science and technology is one of the pioneers in implementing solutions to save water.
- ❖ The Institute has taken tremendous efforts to reduce the water consumption and also to treat the wastewater generated within the campus so that it can be effectively reused for gardening and toilet flushing.

The Water balance chart shows the reuse of the water across the university.



From the balance chart it is evident that the 40% of the treated water from the STP is used for flushing purpose and the 60% of it is used for Landscaping and house keeping. Even in this the major portion of around 80% goes to the plants and the rest of 20% is used for building maintenance.

**RECYCLED WATER DETAIL 2016-2020**

S.No	Month/ year	No of Loads	Total Qty in Liters	Quantity of treated water in Ltrs
1	Nov'16	1709	17090000	12170000
2	Dec'16	1467	14670000	10576000
3	Jan'17	1269	12690000	10506800
4	Feb'17	1501	15010000	12429000
5	March'17	1765	17650000	13586000
6	April'17	1531	15310000	12124000
7	May'17	1539	15390000	12663000
8	June'17	1105	11050000	7745000
9	July'17	1278	12780000	7249000
10	Aug'17	1756	17560000	13668000
11	Sept'17	1608	16080000	13461000
12	Oct'17	1676	16760000	14585000
13	Nov. 2017	1318	1,31,80,000	1,35,86,000
14	Dec. 2017	1294	1,29,40,000	1,36,68,000
15	Jan. 2018	1213	1,21,30,000	1,11,60,000
16	Feb. 2018	1209	1,20,90,000	1,17,80,000
17	Mar. 2018	1281	1,28,10,000	1,20,90,000
18	Apl. 2018	1236	1,23,60,000	1,24,00,000
19	May. 2018	1301	1,30,10,000	1,34,61,000
20	June. 2018	954	95,40,000	81,24,000
21	July. 2018	1334	1,33,40,000	1,13,15,000
22	Aug. 2018	1327	1,32,70,000	1,16,25,000
23	Sep. 2018	1288	1,28,80,000	1,20,90,000
24	Oct. 2018	1427	1,42,70,000	1,10,05,000

25	Nov. 2018	1294	1,29,40,000	1,08,50,000
26	Dec. 2018	1026	1,02,60,000	9,54,000
27	Jan. 2019	1169	1,16,90,000	1,07,80,000
28	Feb. 2019	1527	1,52,70,000	1,19,35,000
29	Mar. 2019	1709	1,70,90,000	1,20,90,000
30	Apl. 2019	1374	1,37,40,000	1,21,52,000
31	May. 2019	1448	1,44,80,000	1,21,83,000
32	June. 2019	873	87,30,000	82,20,000
33	July. 2019	1305	1,30,50,000	1,00,75,000
34	Aug. 2019	1158	1,15,80,000	1,11,91,000
35	Sep. 2019	1360	1,36,00,000	1,12,84,000
36	Oct. 2019	1262	1,26,20,000	1,13,46,000
37	Nov. 2019	1233	1,23,30,000	1,15,94,000
38	Dec. 2019	963	96,30,000	76,56,000
39	Jan. 2020	1028	1,02,80,000	1,12,53,000
40	Feb. 2020	1403	1,40,30,000	1,14,39,000
41	Mar. 2020	1194	1,19,40,000	1,16,56,000
42	Apl. 2020	479	47,90,000	49,35,000
43	May. 2020	589	58,90,000	54,31,000
44	June. 2020	561	56,10,000	45,55,000
45	July. 2020	408	40,80,000	4,45,000
46	Aug. 2020	471	47,10,000	4,49,000