

Proposed Water Supply Distribution Pipeline Length in Forest and Non-Forest Area

Considering the existing short fall in the system and the overburdened and depleted existing infrastructure, it was decided to propose a comprehensive new infrastructure for entire water supply distribution line that can serve for next 30 years and beyond. The water supply distribution line will be proposed at three levels such as i) Raw water raising main, ii) Clear water raining main and iii) Water supply distribution line for the wards. Collectively detailed break-up of water supply distribution line falling in Forest and Non-forest area are presented below;

Pipe diameter (mm)	Water Supply Distribution Pipeline Length (Km)				Total	
	in Forest	%	in Non-Forest	%	Length (Km)	%
100	125.290	79.2	234.407	68.1	359.697	71.6
150	8.540	5.4	52.468	15.2	61.008	12.1
200	4.439	2.8	14.761	4.3	19.200	3.8
250	1.488	0.9	9.245	2.7	10.733	2.1
300	3.338	2.1	1.262	0.4	4.600	0.9
350	3.054	1.9	7.013	2.0	10.067	2.0
400	1.160	0.7	5.515	1.6	6.675	1.3
450	0.471	0.3	2.250	0.7	2.721	0.5
500	1.217	0.8	2.909	0.8	4.126	0.8
600	0.981	0.6	10.861	3.2	11.842	2.4
700	3.608	2.3	-0.448	-0.1	3.160	0.6
800	0.000	0.0	0.000	0.0	0.000	0.0
900	0.000	0.0	0.600	0.2	0.600	0.1
1000	1.677	1.1	2.122	0.6	3.799	0.8
1200	2.909	1.8	1.133	0.3	4.042	0.8
Total Length in Km	157.971	100.0	344.299	100.0	502.270	100.0
Total in %	31.5		68.5			

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