

CENTRAL RAILWAY SEC. SCHOOL & JR. COLLEGE

(A SR. SECONDARY SCHOOL AFFILIATED TO CBSE, NEW DELHI)

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100 YEARS OF EDUCATIONAL EXCELLENCE

Attachment No. 24/IGBC GREEN SCHOOL NARRATIVE REPORT

| CENTRAL RAILWAY SCHOOL & JR. COLLEGE KALYAN, WATER BALANCE SHEET | | | |
|--|----------------|---|----------------|
| PARTICULARS OF SUPPLY | LITRE PER YEAR | PARTICULARS OF DEMAND | LITRE PER YEAR |
| SUPPLY FROM MUNICIPAL SOURCE | 1,98,00,000 | ACTUAL USAGE AS PER METER READING | 1,73,25,000 |
| SUPPLY FROM WELL (AS PER METER) | 44,85,000 | | |
| RAIN WATER HARVESTED | 1,30,04,000 | WATER SENT TO GROUND ACQUIFER/WELL RECHARGING** | 1,30,04,000 |
| GREY WATER TREATED (AS PER METER READING) | 11,00,000 | | |
| NUMBER OF WORKING DAYS (ASSUMED 220 PER YEAR) TOTAL | 3,73,00,000 | LANDSCAPE IRRIGATION | 19,44,000 |
| UARL -LESS STORAGE, DISTRIBUTION, LEAKAGE LOSS (10%)* | (17,32,500) | | |
| TOTAL WATER SUPPLY AVAILABLE PER YEAR | 3,55,67,500 | TOTAL DEMAND PER YEAR | 3,22,73,000 |
| WATER SURPLUS LITRE PER ANNUM 50,27,000*** | | 20.69%*** | |
| * Un Avoidable Real Loss Standard 10% used is based on guidelines of Institute of Water Education UNESCO | | | |
| ** Entire Rain Water Harvested from Run-off volume is sent for re-charging wells in Campus/Ground aquifer. | | | |
| *** % of Water supply other than Rainwater Run-off volume harvested | | | |

Jacob Thomas
Principal

