



WATER AUDIT

NONGSTOIN COLLEGE,

2024



WATER AUDIT

Water Storage Facilities:

Location	Capacity in Litres	No.oftimes filled/day
CollegeBuilding		
Watertank	6,000	3perweek
RCCReservoir	10,000	1perweek
Watertreatmentplant	2,000	1perweek
CommerceBlock		
Watertank	2000	3perweek
Library		
Watertank	500	1perday
Canteen		
Watertank	1,000	2perday
Principal'sResidence		
Watertank	1,000	1perday
Girls'Hostel(01)		

Water audit at Nongstoin College, Nongstoin

The college uses about 15,000 litres of water every day (approx.). The main source of water is from the public water supply. About 100 litres of water is lost through the leaking pipes and taps. Leakage has to be prevented and various other sources of water need to be found out as well. Drip irrigation should be practiced in gardens. Water treatment system is installed in the canteen, the amount of used water lost can be prevented.

Existing water management methods installed in the Campus:


- RCC reservoir of 20,000 litres is installed in the hostels and the college building for water storage.
- Liquid wastes generated from various sources like urinals, bathroom set are disposed off into septic tanks and soak pits.
- More greenery has been added consistently in order to improve rain water resources.

Strategies to be adopted for efficient utilization of water:


- Rainwater harvesting system should be installed for uninterrupted supply of water around the campus.
- A major preference to the recycling of water may be adopted in the college for an efficient water management.
- Awareness programmes for the management of sustainable water use will be highly efficient in this college.
- Efficient water saving devices should be installed in all toilets. New toilets that are to be installed should have a dual flush system in place.

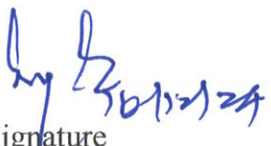


- Water management systems are to be introduced in the urinals. Some alternatives include spray taps, which save about 80% of water and energy used for hand washing.
- Frequent chlorination of water tanks was recommended.

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