Water Resources Management

11 Water Harvesting Pits of capacity 30,000 litres are installed in AUMP to conserve rainwater. 23 water purification system each of 50 litres have been installed in the campus. ION Exchange Plant = 30KL is present in AUMP. 2 sewage treatment plants (STP) with a capacity of 210 KLD and 160 KLD are installed for the treatment of sewage water which is further used for gardening and irrigation.

Water Usage

Water Consumption in 2023-24

2023-24 - 1,09,500 KL or 1,09,500 m^3

The water on campus is used for drinking, toilet usage, and gardening purposes. The daily freshwater requirement assessed to be 300KL. The treated water from STP is used for irrigation. The water usage breakup in different buildings/areas is given below:

Building	Daily Water Consumption (Liters/day)
Academic Block-A	35,000
Academic Block-B	35,000
Academic Block-C	35,000
Academic Block-D	35,000
Academic Block-E	20,000
Hostel H1	50,000
Hostel H2	45,000
Hostel H3	45,000
Horticulture	1,00,000

Water Management

This process indicates water consumption, water sources, and fixtures. A water audit is carred out as an on-site survey and assessment to determine the water use and hence improve the efficiency of its use.

The water supply to Amity University Madhya Pradesh, Gwalior is obtained through the municipal supply system of Gwalior Nagar Nigam. A dedicated pipeline connection has been set up for providing potable water to the campus. In addition, the university has implemented rainwater harvesting systems and wastewater treatment facilities to ensure sustainable water management and efficient reuse of water resources. Regarding drinking water 24 Nos of 50 litre capacity RO are fitted in the entire campus.

Water is used for drinking purposes, toilets and gardening. During the survey, no loss of water is observed, neither by any leakages, nor by overflow of water from overhead tanks. The data collected from all the departments is examined and verified. Water quality is enhanced by using soft water plant of ION exchange of capacity 30 KL and ROs of 50 liter in 24 Nos are installed in the Campus to provide potable water.

It has been ensured that all cleaning products used by university staff have a minimal detrimental impact on the environment, i.e. they are biodegradable and non-toxic, even where this exceeds the Control of Substances Hazardous to Health (COSHH) regulations.

Gardens are watered by using a drip/sprinkler irrigation system to maximize water use efficiency.

Rainwater harvesting systems are strategically installed on the campus. This will not only provide an additional source of water for use, but it will also help in recharging the bore wells as well.

Source: Environment Audit Report, 2023-24, Amity University Madhya Pradesh, executed by Enviraj Consultant Private Limited, An ISO 14001:2015 and 5001: 2018 Certified Company.

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National Board for Quality Promotion

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It is hereby certified that the credentials of

Mr. Rajdeep Pandey

meet the evaluation criteria requirements of the

Auditor Registration Scheme of NBQP/QCI and

is therefore Registered with NBQP/QCI

as a

Provisional Auditor for Environmental Management Systems

Certificate No. PRA/EMS/2225/001

C.K. Biswas
CEO, NBQP

Date of Issue : 05/07/2022 | Validity Upto : 04/07/2025

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Rainwater Harvesting pits at different locations in the campus