



Manipal University Jaipur

Water Quality Standards and Guidelines for Water Discharges

1. Introduction

Manipal University Jaipur is committed to safeguarding the environment, ecosystems, wildlife, and the health and welfare of our campus community. These Water Quality Standards and Guidelines for Water Discharges outline our commitment to responsible water management practices to maintain high water quality standards. All members of our university community are expected to adhere to these standards to protect our environment and ensure the well-being of all.

2. General Water Quality Standards

- a. All water discharges from university operations must comply with local, state, and federal regulations regarding water quality.
- b. Water discharges should not pose a threat to ecosystems, wildlife, or human health and welfare.
- c. The discharge of pollutants into natural water bodies, stormwater drains, or wastewater treatment systems is strictly prohibited without proper authorization.

3. Pollutant Control Measures

- a. All university departments and units must implement measures to minimize the release of pollutants into water discharges. This includes, but is not limited to, controlling chemical, biological, and physical contaminants.
- b. Hazardous materials, including chemicals, oils, and toxic substances, must be securely stored, handled, and disposed of in accordance with relevant regulations.
- c. The university promotes the use of non-toxic, environmentally friendly alternatives whenever possible to minimize pollutant release.





4. Stormwater Management

- a. All campus facilities, construction sites, and open areas must have effective stormwater management systems in place to prevent contamination of natural water bodies.
- b. Stormwater runoff should be directed away from potential pollutant sources and properly managed to reduce sedimentation and pollution.
- c. Any construction or development projects must follow erosion and sediment control practices to prevent soil erosion into stormwater systems.

5. Wastewater Treatment

- a. All wastewater generated on campus must be treated in accordance with local wastewater treatment regulations before discharge.
- b. The university will invest in and maintain efficient wastewater treatment systems to ensure the removal of contaminants and pollutants.
- c. Regular inspections and maintenance of wastewater treatment facilities are essential to ensure their proper functioning.

6. Reporting and Record Keeping

- a. Any incidents of water pollution or non-compliance with these standards must be promptly reported to the university's Directorate of Genral Services & Administration.
- b. Comprehensive records of water quality monitoring, pollutant control measures, and wastewater treatment activities must be maintained and made available for regulatory inspection.

7. Training and Education

- a. All personnel responsible for handling or managing water discharges must undergo training in water quality management and compliance with these guidelines.





- b. Regular educational programs will be provided to raise awareness among the university community about the importance of water quality protection and responsible water management.

8. Review and Revision

- a. These Water Quality Standards and Guidelines for Water Discharges will be reviewed annually to ensure they remain in alignment with evolving local, state, and federal regulations and best practices.
- b. Necessary revisions will be made to further enhance water quality protection efforts on campus.

Version History

| Number | Year | Major Revision |
|-------------|------|---|
| Version 2.0 | 2022 | Construction or development projects must follow erosion and sediment control practices to prevent soil erosion into stormwater systems |
| Version 1.0 | 2020 | Initial Guidelines |

Approval

