

**SHOOLINI UNIVERSITY WATER  
PROTECTION AND POLLUTION PREVENTION  
POLICY**

**2022**



**Shoolini University of Biotechnology and Management Sciences, Bajhol,  
Solan,  
Himachal Pradesh- 173229**

A handwritten signature in blue ink, consisting of a stylized, cursive letter 'R' followed by a long horizontal stroke extending to the right.

## **Purpose**

The purpose of this policy is to establish proactive and reactive measures to prevent polluted water from entering SU University's water systems. These measures are designed to mitigate risks associated with water pollution resulting from accidents, natural disasters (e.g., floods, landslides), or infrastructure failures (e.g., pipe breakages).

## **Scope**

This policy applies to all university operations, facilities, students, faculty, staff, contractors, and partners involved in activities that could impact the water quality within the university's jurisdiction.

## **Definitions**

- Polluted Water: Water containing harmful substances that could pose risks to health, safety, the environment, or property.
- Water Systems: This includes all infrastructure for water supply, wastewater, stormwater management, and ecological water bodies on campus.

## **Policy Statement**

- Shoolini University is committed to maintaining the highest standards of environmental stewardship. It is the policy of SU University to prevent polluted water from compromising the integrity of its water systems through comprehensive planning, robust infrastructure management, diligent monitoring, and rapid response strategies.

## **Prevention and Control Measures**

### 1. Risk Assessment and Management:

- Conduct regular risk assessments to identify potential sources of water pollution.
- Develop and implement a water system management plan that includes prevention, control, and emergency response strategies.

**(The water distribution network has been planned in such a way that water is supplied to the campus through gravity thus nonreliance on the main electric supply or the standby generation.**

**Bulk storage tanks have been positioned at the vantage points to cater to unforeseen contingencies.**

**Fire tanks have also been placed on outer periphery of campus to cater for the fire hazards.)**

### 2. Infrastructure and Design:

- Ensure that the design of water systems includes features to contain and control accidental spills or polluted water ingress.

**(Water distribution network is planned in such a manner that damage water lines can be repaired without affecting the distribution of water in buildings.**



**Sewerage lines of buildings laid separately which connects to the main sewer line carrying sewage to the sewage treatment plant.**

- Regularly inspect and maintain infrastructure to prevent failures that could lead to water pollution.

**(A dedicated team of 15 members is available on regular basis to inspect damages in the water distribution network & maintain flawless supply of potable water at university.**

**Rainwater harvesting has been planned for the entire campus to enhance the ground water level and recharge the borewells.**

3. Natural Disaster Preparedness:

- Establish an emergency plan specifically for natural disasters that includes measures to protect water systems from floodwaters or landslide runoff.

- Implement early warning systems and regular drills for university personnel in charge of water safety.

4. Chemical and Waste Management:

- Follow best practices for storage and handling of hazardous materials to prevent contamination.

**(Wastewater / sewage generated from hostel & academic buildings is treated at 350 KLD STP installed at university; and treated water is reused in the landscaping and construction activities.)**

- Ensure proper waste disposal systems are in place and regularly maintained.

5. Training and Awareness:

- Provide training for all relevant staff on pollution prevention, emergency procedures, and best practices in water management.

- Increase awareness among the university community about the importance of water conservation and pollution prevention.

6. Monitoring and Reporting:

- Establish a routine monitoring program to detect signs of pollution in water systems.

- Require immediate reporting of any incidents of pollution or infrastructure issues that could lead to water system contamination.

7. Collaboration with Local Authorities:

- Coordinate with local water management and environmental protection agencies to align efforts and ensure compliance with all regulations.

8. Emergency Response Plan:

- Develop and maintain a comprehensive emergency response plan that includes procedures for immediate action in the event of polluted water entering the water systems.



## **Implementation and Enforcement**

### **1. Responsibilities:**

- Designate a Water Systems Manager to oversee the implementation of this policy and to act as a point of contact for all related issues.
- Assign roles and responsibilities for policy enforcement to specific departments and individuals.

### **2. Compliance:**

- Regular audits will be conducted to ensure compliance with this policy, and violations will be addressed promptly.

**(Potable water samples are analysed on quarterly basis to ensure safe water being supplied in the University campus.)**

**Free chlorine is checked on daily basis at drinking water points to maintain the quality of water through the distribution network.**

- Non-compliance with this policy may result in disciplinary action, up to and including termination of employment or contracts.

## **Review and Update**

- This policy shall be reviewed annually or after any significant incident to ensure its effectiveness and will be updated as necessary to adapt to new challenges or regulatory requirements.

## **Communication**

- This policy will be communicated to all members of the university community and will be available on the university's website.

## **Policy Support**

- For further information or questions regarding this policy, please contact the Water Systems Manager or the University's Office of Environmental Health and Safety.

This policy is effective as of 01/01/2022 and will be reviewed on an annual basis. Changes will be communicated to all stakeholders promptly.

### **Stakeholders:**

**Vice-Chancellor (SU)**

**Director Estate (SU)**

**Director Operations (SU)**

**Operations Manager (GHS)**

**Manager Engineering Services (GHS)**

  
**Chancellor**  
**Shoolini University of Biotechnology**  
**and Management Sciences**  
**Solan - 173212 (H.P.)**