

POLICY PROCEDURE TO PREVENT POLLUTED WATER FROM ENTERING THE WATER SYSTEM AT JSSAHER

Objective:

JSS Academy of Higher Education & Research (JSSAHER) is dedicated to ensuring that polluted water does not enter the water system on its campuses. This policy procedure outlines the steps and measures to prevent the contamination of water resources.

- 1. Pollution Source Identification:**JSSAHER will conduct regular assessments to identify potential sources of water pollution within its campuses.
- 2. Pollution Source Mitigation:**Upon identification, immediate steps will be taken to mitigate pollution sources. This may include improving storage practices, containing chemical spills, and addressing any leaking or damaged storage facilities.
- 3. Segregation of Wastewater Streams:**Wastewater streams will be segregated based on their source and characteristics. Separate systems will be established for sewage, industrial wastewater, and stormwater.
- 4. Wastewater Treatment Facilities:**Dedicated treatment facilities, including Effluent Treatment Plants (ETP) and Sewage Treatment Plants (STP), will be maintained and operated to treat contaminated water before disposal.
- 5. Regular Inspection and Maintenance:**All wastewater treatment and storage facilities will undergo regular inspection and maintenance to ensure they function efficiently and prevent leaks or spills.
- 6. Training and Awareness:**Staff and students will be educated about the importance of pollution prevention and responsible water management. Training programs will be conducted to raise awareness of pollution sources and their consequences.
- 7. Emergency Response Plans:**JSSAHER will develop and maintain emergency response plans to address water system pollution incidents promptly and efficiently.
- 8. Monitoring and Testing:**Continuous monitoring and testing of water quality will be conducted to identify any deviations from established standards.
- 9. Reporting and Accountability:**If any pollution incident occurs, it will be reported promptly to the relevant authorities and internal stakeholders. Accountability measures will be in place to address the incident and prevent future occurrences.
- 10. Compliance with Regulations:** The institution will strictly adhere to local, national, and international environmental regulations and standards to ensure responsible water management and pollution prevention.
- 11. Annual Audits:** JSSAHER will conduct annual audits of its pollution prevention measures and water management practices to evaluate their effectiveness and make necessary improvements.
- 12. Public Engagement:** The institution will engage with the campus community and local stakeholders to foster a culture of eco-consciousness and responsible water use.

By implementing this policy procedure, JSSAHER demonstrates its commitment to preventing polluted water from entering the water system, ensuring the integrity of its water resources, and contributing to broader environmental and sustainability goals.

Annual Audit Process Supporting the Policy Procedure to Prevent Polluted Water from Entering the Water System at JSSAHER

The annual audit process complements JSSAHER's policy procedure for preventing polluted water from entering the water system. This process ensures that the policies and procedures are effective, identifies areas for improvement, and promotes accountability in maintaining the integrity of water resources.

1. Audit Planning:

The audit process begins with the formation of an audit team responsible for assessing the implementation of pollution prevention measures. The team includes experts in water management, environmental engineering, and relevant stakeholders.

2. Data Collection:

The audit team collects data on various aspects of water management, including pollution prevention measures, wastewater treatment, monitoring records, and compliance with regulations.

3. Policy and Procedure Review:

The audit team reviews the existing policy and procedure for preventing polluted water, ensuring that they are up-to-date and aligned with current best practices and regulatory requirements.

4. Site Visits and Inspections:

On-site visits and inspections of wastewater treatment facilities, storage areas, and potential pollution sources are conducted to assess their condition and compliance with the policy.

5. Data Analysis:

Data collected during the audit are analyzed to identify trends, areas of concern, and potential improvements.

6. Interviews and Feedback:

Interviews with staff, students, and relevant personnel are conducted to gather feedback on the effectiveness of pollution prevention measures and water management practices.

7. Identification of Non-Conformities:

The audit team identifies non-conformities, deviations from policy, or areas where the implementation of pollution prevention measures is inadequate.

8. Recommendations:

The audit team provides recommendations for corrective actions, improvements, and enhancements to the policy and procedures based on the findings.

9. Reporting:

A comprehensive audit report is generated, summarizing the audit process, findings, non-conformities, and recommendations.

10. Action Plan:

An action plan is developed to address the identified non-conformities and implement the recommendations. This plan includes timelines and responsible parties for each corrective action.

11. Follow-Up Audits:

JSSAHER conducts follow-up audits to verify the implementation of corrective actions and assess their effectiveness.

12. Communication and Accountability:

The results of the annual audit are communicated to the relevant stakeholders, ensuring transparency and accountability for water management practices.

13. Policy and Procedure Updates:

The audit findings and recommendations inform updates to the pollution prevention policy and procedure to enhance their effectiveness and alignment with sustainability goals.

Through the annual audit process, JSSAHER continually assesses and enhances its pollution prevention measures, ensuring that the policy and procedures are robust, effective, and responsive to emerging environmental challenges. This commitment to annual audits reinforces the institution's dedication to responsible water management and the prevention of polluted water from entering the water system.