

## 1. Purpose

The objective of this document is to standardize Water Management practices for Vedanta in order to protect water resources from potential impact from its operations over life cycle of the asset.

This standard applies to all Vedanta owned and managed businesses and should be reviewed in conjunction with the Vedanta Water Policy.

## 2. Process

### 2.1. Water Risk Management

- 2.1.1. Undertake a water related business risk assessment at a catchment level over life cycle of the asset covering, but not limited to, physical, regulatory, environmental/ ecological, social/reputational, economic risks to the business.
- 2.1.2. Establish baseline water, soil / sediment quality and develop a risk based water monitoring program to demonstrate protection of the recipient environment.
- 2.1.3. Develop and implement a Water Resource Management Plan (WRMP) together with water efficiency improvement plan to manage the identified Water risks
- 2.1.4. Develop and implement an emergency response program for identified significant water risks.
- 2.1.5. Identify stakeholders and develop stakeholder engagement (or include in existing) and grievance management programs.
- 2.1.6. For merger and acquisition projects evaluate water related business risks in line with Vedanta's acquisition and divestment due- diligence standard.
- 2.1.7. Ensure compliance to water & wastewater related regulatory requirements.
- 2.1.8. Check adequacy of water pollution prevention equipment for emergency situation handling/ extreme case operational scenarios.
- 2.1.9. Develop and implement spill prevention and storm water pollution prevention programs.
- 2.1.10. Ensure operations and project sites, including contractor camps, are provided with a safe and secure supply of drinking water and sanitary facilities.
- 2.1.11. Ensure drinking water provided by company meets with local drinking water standard or WHO standard whichever is most stringent.

### 2.2. Water Efficiency Improvement:

- 2.2.1. Establish and implement water monitor program and develop water balance for the unit.
- 2.2.2. Benchmark specific water consumption at the unit, process and operational level.

- 2.2.3. Set short term and long objectives and targets on water management including a plan for achieving zero wastewater discharge from the operations (except mine dewatering water meeting with the regulatory requirement) commensurate to business risk and integrate with performance requirements
- 2.2.4. Promote water efficiency and pollution prevention at the design stage of projects.
- 2.2.5. Implement a monthly inspection program to identify and manage water leakage, water saving opportunities, erosion, spills and storm water pollution.
- 2.2.6. Undertake training and create employee awareness on water management and conservation programs.
- 2.2.7. Communicate water management performance to stakeholders, as applicable.

## 3. Documentation & record keeping

- 3.1. Water risk assessment and Water Resource Management Plan including emergency response program.
- 3.2. Compliance register with water & wastewater related regulatory and permit requirements.
- 3.3. Spill prevention and Storm water Pollution Prevention plan
- 3.4. Water Monitoring (quantity and quality) and water balance records.
- 3.5. Specific water use benchmarking
- 3.6. Inspection and corrective action report of water leakage, erosion, spills and storm water pollution.
- 3.7. water audit report
- 3.8. Stakeholder engagement and grievance register.

## 4. Review

Quarterly review of progress on water management against the standard including risk assessment, mitigation program, water monitoring and compliance against regulatory requirements.



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