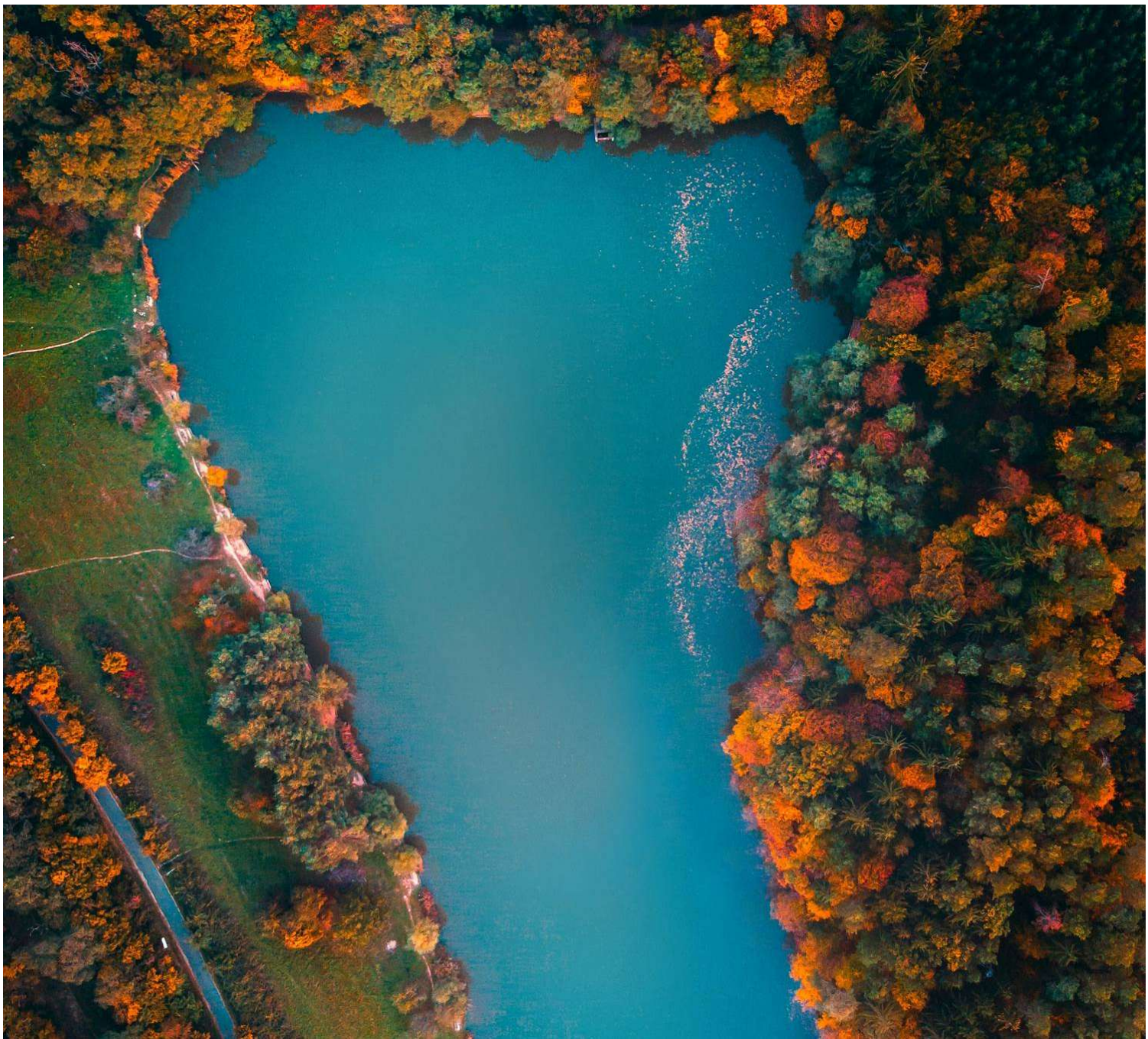
Water Management Policy



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Document Change Log

Version	Review on	Effective from	Purpose of change
v1.1	15th January 2025	1st April 2024	New Policy release

1. INTRODUCTION

BPTP Limited ("BPTP" or "the Company") is committed to sustainable water management practices that align with our vision of responsible urban development. As a leading real estate developer in India, we recognize the critical importance of water stewardship in ensuring the long-term sustainability of our projects, the environment, and the communities we serve.

This Water Management Policy establishes the guiding principles and implementation framework for water stewardship at BPTP, aligned with global ESG expectations and Sustainable Development Goal (SDG) 6, Clean Water and Sanitation.

2. APPLICABILITY OF THIS POLICY

This Policy applies to BPTP Limited (the "Company", "We" or "Our") and its subsidiaries. It covers all operational/development projects, employees, workers, contractors, suppliers, facility partners, and local communities engaged in or impacted by our operations.

3. APPROACH

At BPTP Limited, we are committed to responsible water stewardship across our operations and supply chain. We aim to reduce water consumption, enhance efficiency, and support local water conservation efforts. Our approach aligns with sustainable development goals to protect this vital resource for future generations.
Our water stewardship efforts are guided by:

UN Sustainable Development Goals (SDGs), especially SDG 6 (Clean Water and Sanitation).

National and international standards such as ISO 14001, ISO 46001, and BRSR guidelines.

- National Guidelines on Responsible Business Conduct (NGRBC).
  Our commitment are driven in the following areas: STP, Rainwater water to sub-surface, reused water flushing, Install and maintain water-efficient fixtures, drinking water systems, dual plumbing systems, and leak detection technologies to minimize water consumption.
- Implement rainwater harvesting, greywater recycling, and Sewage Treatment Plants (STPs) to enable water reuse for non-potable applications such as flushing, cleaning, and landscaping.
- Use drip irrigation, smart irrigation systems, and drought-tolerant planting with grouped species based on water needs to optimize landscaping water use.
- Minimize potable water consumption during construction by utilizing STP-treated water, curing compounds, ponding techniques, and monitoring for leakages.
- Conduct regular awareness programs to educate residents, employees, and stakeholders on water conservation practices.

3.1. Planning Efficiency

- Integrate water efficiency in architectural planning through water-efficient landscaping, dual plumbing, and smart metering systems.
- Design water-sensitive urban layouts that enable optimal stormwater management and groundwater recharge.
- Include rainwater harvesting structures and percolation pits in all site plans.
- Mandate use of ISI-certified water-saving fixtures across all projects.
- Conduct hydrological impact assessments where applicable.

3.2. Construction Operations

- Use STP-treated water and non-potable alternatives for construction activities such as concrete mixing and curing.
- Avoid freshwater use for activities like road washing or dust suppression.
- Adopt water-saving construction techniques like ponding, membrane curing, and chemical curing compounds.
- Implement leak detection and monitoring mechanisms on all site water distribution lines.
- Provide accessible and hygienic WASH (Water, Sanitation and Hygiene) facilities to all labourers and staff.
- Train site personnel on construction water conservation and pollution control.

3.3. Operational Facilities

- Install water-efficient sanitary fixtures and fittings (e.g., low-flow taps, aerators, dual flush systems).
- Implement and maintain dual plumbing systems to segregate potable and non-potable water lines.
- Treat and reuse greywater and blackwater through on-site STPs for flushing and landscaping.
- Deploy IoT-enabled flow meters and smart controllers for real-time water use tracking.
- Use drip irrigation and drought-resistant native plant species in landscaping.
- Conduct periodic water audits and track water consumption per capita or per square foot.
- Ensure rooftop rainwater harvesting and groundwater recharge pits are functional and cleaned annually.
- Encourage responsible resident water use through signage, events, and community engagement.

3.4. Redevelopment and Decommissioning

- Promote redevelopment of brownfield sites to optimize water infrastructure and reduce demand.
- Ensure no contamination of surface or groundwater during demolition through containment and treatment.
- Rehabilitate decommissioned assets with eco-restoration and water recharge in mind.

3.5. Education, Community and Partnerships

- Conduct awareness programs for residents, employees, and stakeholders on water conservation practices.
- On World Water Day, participate in city-level water action campaigns, and support rejuvenation of local water bodies.
- Partner with government, industry forums, and NGOs to share best practices and scale community water initiatives.

3.6. Regulatory and ESG Compliance

- Comply with all applicable legal requirements related to water abstraction, usage, discharge, and quality standards.
- Disclose water-related performance in BPTP's ESG reports, sustainability disclosures, and RERA filings as applicable.
- Work toward third-party certifications such as IGBC, GRIHA, or LEED which mandate water stewardship.

4. GOVERNANCE AND REVIEW

- **Policy Owner:** ESG Committee
- **Review:** This policy will be reviewed annually and updated in line with changes in law, standards, or business practices.

5. APPROVING AUTHORITY

- **Approved by:** Chief Design & Sustainability officer

  Sunil Kumar Jha

- **Effective Date: 31st January 2025**

6. APPENDIX

Definitions

Term	Definition
BRSR	India's mandatory ESG disclosure framework aligned with SEBI guidelines for sustainability reporting.

Term	Definition
Board	The Board of Directors of BPTP Limited.
Confidential Information	Any non-public information, proprietary data, trade secrets, and business operations details.
Drip Irrigation	An efficient irrigation method that delivers water directly to the plant root zone.
Dual Plumbing	Plumbing system with two separate piping networks for potable and recycled water.
ESG	Environmental, Social, and Governance, a set of standards measuring a company's impact and ethical behaviour.
Greywater	Wastewater generated from non-toilet plumbing systems such as wash basins, showers, and laundry.
IoT	Internet of Things, a system of interconnected devices capable of data sharing.
MoU	Memorandum of Understanding – a formal agreement executed between BPTP and its CSR implementation partners.
Per Capita Water Use	Average amount of water used per person.
Rainwater Harvesting	Collection and storage of rainwater for recharge or reuse.
SEBI	Securities and Exchange Board of India.
Smart Metering	Use of electronic meters for real-time monitoring and management of water consumption.
STP	Sewage Treatment Plant, used to treat wastewater for reuse.
UPSI	Unpublished Price Sensitive Information, information that could materially affect the stock price of the Company if made public.
WASH	Water, Sanitation, and Hygiene, key facilities for ensuring health and dignity.
Water Audit	An assessment to quantify water inflow, outflow, losses, and reuse potential.

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