

Type: Policy No: TH-HSEC-EN-PO-03 Revision: 02 Title: Water Management Policy	Banpu Public Company Limited Sub Function 1: Health, Safety, Environment and Community Engagement Sub Function 2: Environment	Page 1 / 4
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## Policy

### *Water Management Policy*

Revision	02
Effective Date	2021-03-12
Process Owner	Health, Safety, Environment and Community Engagement

Document Revision Control				
<u>Revision</u>	<u>Author</u>	<u>Effective Date</u>	<u>Change Description</u>	<u>Ref. Doc no.</u>
02	siwaree_b	2021-03-12	This policy was already considered and approved by Sustainability Committee on 4th March 2021.	TH-HSEC-EN-PO-03

Approval Record		
<u>Approver</u>	<u>Job title</u>	<u>Date</u>
Somruedee	Chief Executive Officer	2021-03-23
Jirameth	Head of Corporate Services	2021-03-16
Chatpol	Senior Vice President - Health, Safety, Environment and Community Engagement	2021-03-16

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**Introduction:**

Water resource is an essential resource. Limited water, ineffective management and impact of climate change on water resources will result in limited availability and quality which in-turn may lead to inequitable distribution, especially in water scarce areas. Banpu is aware of the importance of water and the impacts if water is not available. Banpu has therefore integrated water management into our environmental management system in order to ensure that water utilization of all operations is managed in accordance with the compliance regulations of all the countries where we operate. Banpu supports the Sustainable Development Goal 6 on clean water and sanitation (SDG6) and has set targets to reduce the volume of water consumption across all business units.

**Objective:**

For this policy we intend to;

- Assess and mitigate water risks
- Minimize impacts of water quality and water resources
- Utilize water effectively through 3R concept; reduce, reuse and recycle
- Collaborate with stakeholders to promote water management and accessibility

**Scope:**

The policy shall be integrated and applied to Banpu and our subsidiaries where we have management control. Moreover, this policy should be promoted to our joint ventures and throughout supply chain.

In implementing this policy, we establish measurable indicators and Quality Assurance Review (QAR) to monitor and review performance in order to ensure that this policy’s goals and targets could be achieved. HSEC-Corporate would conduct QAR across all countries and operations at least once in every two years.

**Definitions:**

n/a

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### ***Policy Statement / Principles:***

At Banpu;

- 1) We commit to assess and mitigate water risks throughout business by;
  - Adopting international or widely-recognized water tools to assess water risk on annual basis
  - Identifying, assessing and monitoring water-related risks and opportunities for all operational, non-operational sites and rehabilitation sites through risk management process
  - Collaborating with related functions to develop mitigation plan
- 2) We commit to minimize impacts of water quality and water resources where we operate by;
  - Improving quality of water discharge by applying practical treatments or technologies to prevent contamination to water sources
  - Establishing monitoring system for both water quality and quantity to ensure compliance of related regulatory and standards
  - Seeking opportunities to conduct or participate in initiative programs relating to water conservation
- 3) We commit to effectively utilize water through 3R concept; reduce, reuse or recycle water to ensure fairness and effectiveness of water availability to all stakeholders by;
  - Seeking opportunities to reduce, reuse and recycle water by ensuring process efficiency and cost-effective technologies as a part of operational planning
  - Investing appropriate technologies and/or innovation to improve water performance beyond regulatory compliance
  - Applying water accounting framework to strengthen database system and to be baseline of water effective utilization and improvement
  - Reducing water footprint of product
- 4) We commit to collaborate with stakeholders to promote water management and accessibility by;
  - Providing sufficient and safely managed drinking water and sanitation services to all employees and contractors in operational areas
  - Engaging with stakeholders, especially local communities and academic research for water conservation, quality improvement and management
  - Supporting local communities to build up capability in water resources utilization and sanitation surrounding operational areas or wherever appropriate
  - Seeking opportunities to be a part of activities that could either directly or indirectly influence public policy on water

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**Responsibility:**

- Management in all levels must hold accountability and take leadership in implementing this policy
- Management in each country shall develop local related policy which align with this corporate policy and local regulations
- Every employee must be aware of, promotes and implements this policy
- Every employee is expected to extend the awareness and recognition of this policy to our partners, suppliers, contractors, subcontractors, customers and the host communities where we operate

**References:**

n/a