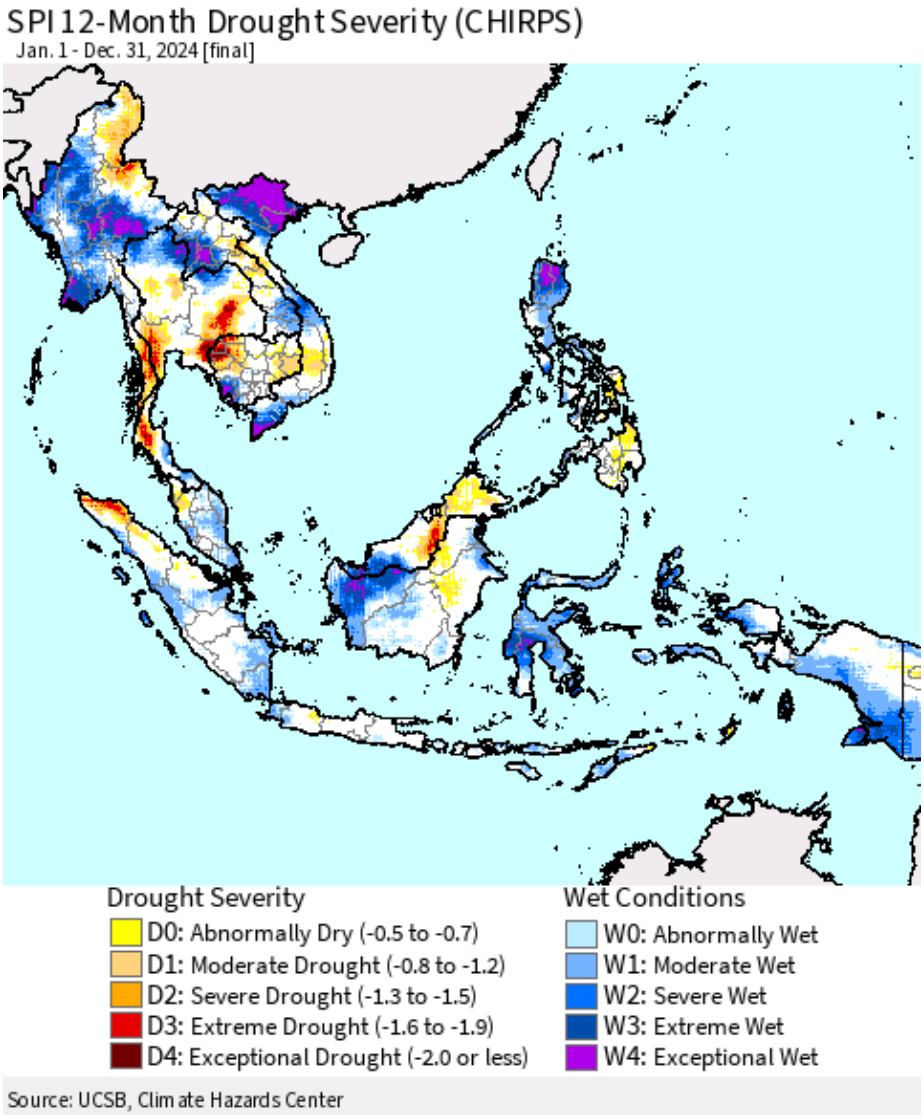
Water Resource Management

Regional Water Situation of the Company's Location

Based on the analysis of drought severity using the Standardized Precipitation Index (SPI) by the USDA, the overall outlook for the year 2024 indicates that Samut Prakan Province, where the company is located, is not situated in a drought-affected area. This assessment refers to the 2024 Thailand Water Situation Report compiled by the National Hydroinformatics Data Center (NHC).

2024 Drought Severity Analysis



Water Management

Applied DB Public Company Limited's water management report data comprises water consumption volume and wastewater discharge volume, as follows:

Water Consumption

Water consumption refers to the volume of water drawn from various sources for use within Applied DB Public Company Limited. Our primary water source is tap water supplied by the Bangpoo Industrial Estate. The majority of our water usage—more than 80% of the total volume — is for employee consumption (domestic and drinking purposes). The remaining 20% is allocated to fire suppression system testing, production cooling systems, and quality testing and experimentation, all of which utilize recirculating water systems.

For 2024, Applied DB Public Company Limited implemented the following water management plans:

1. Assigned Responsibility and Reporting: The company clearly designated the Environmental Officer to oversee, collect, and report monthly water usage data. This role also includes monitoring and tracking any issues related to the company's wastewater management system.

2. Regular Performance Review Meetings: Monthly meetings are held to report on water usage and management performance. These reports are integrated with other environmental management updates from the 5S sub-committee and presented to management review meetings as part of the company's ISO 14001 system.

3. Cross-Departmental Collaboration for Efficiency: Meetings are conducted with departments/sections/units that use water in their processes to identify ways to conserve water, reduce waste, and integrate efficient water usage practices.

3.1 Water use in cooling systems: Collaboration with Production and Maintenance departments.

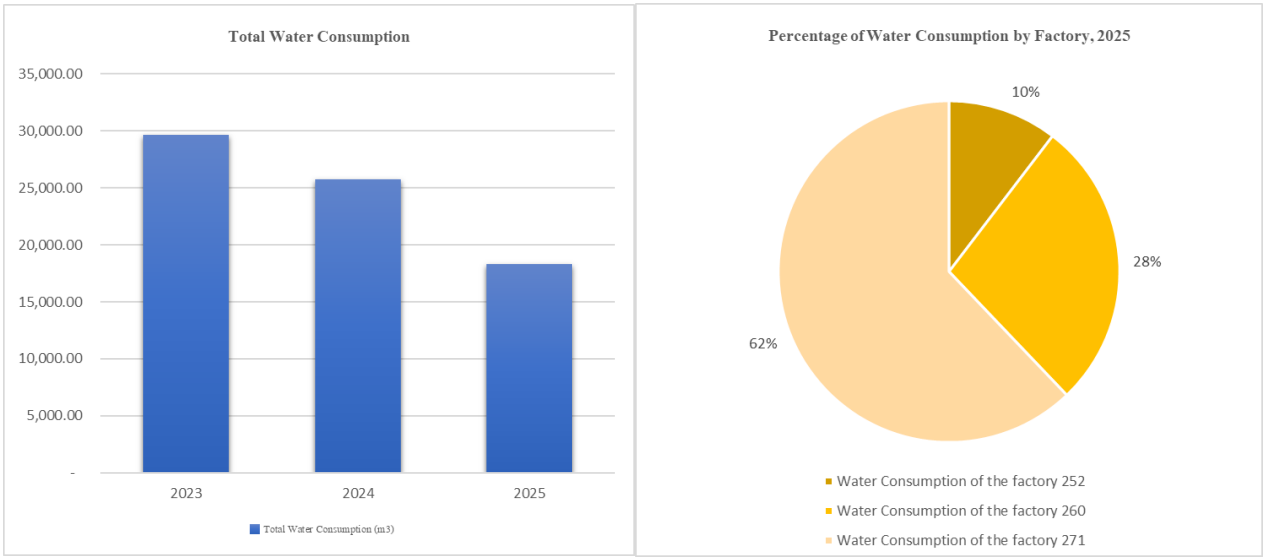
3.2 Water use in cooling systems for quality control: Collaboration with the Quality Assurance department.

3.3 Water use in fire suppression systems: Collaboration with the Safety Unit for system testing.

3.4 Water conservation and measures in the office: Collaboration with the Administration department.

4. Promoting Water Conservation: Campaigns are conducted to encourage water conservation during washing and cleaning. Necessary or damaged equipment is replaced with water-efficient models.

Applied DB Public Company Limited set a target to reduce its total water consumption in 2025 by more than 5% (1,417.721 cubic meters) compared to the baseline year (2022). Following the implementation of these plans in 2025, the company successfully reduced water consumption by 10,053.86 cubic meters from 2022 levels, achieving a reduction rate of 35.43%, which significantly exceeded the set target.



Company's Water Consumption

Table 1: Company's Water Consumption Over the Past 3 Years

Details	Year		
	2023	2024	2025
Total Water Consumption (m^3)	**29,679.50**	**25,746.00**	**18,320.56**
Water Consumption of the factory 252 (m^3)	2,908.50	3,917.00	1,902.56
Water Consumption of the factory 260 (m^3)	18,229.00	13,458.00	5,036.00
Water Consumption of the factory 271 (m^3)	8,542.00	8,371.00	11,382.00
Volume of Water from Tap Water or Other Organizations (m^3)	29,679.50	25,746.00	18,320.56
Surface Water Consumption (m^3)	0.00	0.00	0.00
Groundwater Consumption (m^3)	0.00	0.00	0.00

Details	Year		
	2023	2024	2025
Seawater Consumption (m^3)	0.00	0.00	0.00
Water Consumption from Production Process (m^3)	0.00	0.00	0.00
Recycled Water Consumption (m^3)	0.00	0.00	0.00
Ratio of Total Water Consumption per Total Employees (m^3 / person/ year)	0.02	0.03	0.0
Water Consumption Reduction Compared to Baseline Year 2022			
Overall Water Consumption Reduced by 5% (Total)			
- Reduced Consumption Volume (m^3)	-1305.08	2,628.42	10,053.86
- Percentage of Reduced Consumption (%)	-4.6%	9.26%	35.43%
Water Consumption Reduction, Factory 252			
- Reduced Consumption Volume (m^3)	508.92	-499.58	1,514.86
- Percentage of Reduced Consumption (%)	15%	-15%	44%
Water Consumption Reduction, Factory 260			
- Reduced Consumption Volume (m^3)	-2,681.00	2,090.00	10512
- Percentage of Reduced Consumption (%)	-17%	13%	68%
Water Consumption Reduction, Factory 271			
- Reduced Consumption Volume (m^3)	867.00	1038	-1973
- Percentage of Reduced Consumption (%)	9%	11%	-21%

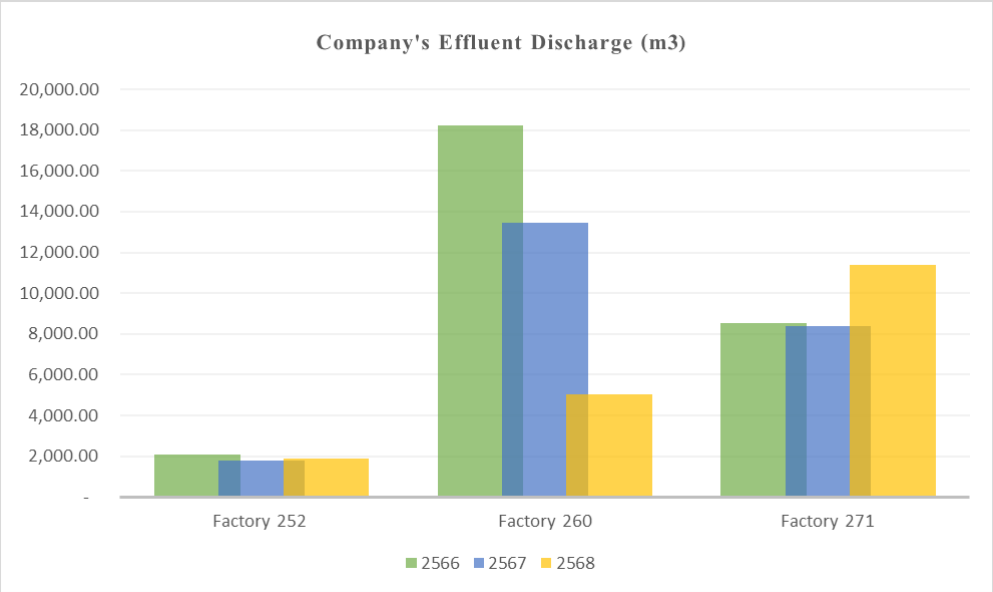
Additional information: (*) Negative difference means water usage is lower than the set target, and positive difference means water usage is higher than the set target.

Wastewater Discharge

Effluent discharge is defined as the volume of wastewater released from the organization's operations into external water bodies. This constitutes the total volume of water used that is subsequently discharged into the central wastewater treatment system of the Bangpoo Industrial Estate. Based on operational calculations, the volume of wastewater accounts for 80% of the organization's total water consumption.

The Industrial Estate Authority of Thailand (IEAT) manages the treatment process before releasing the treated water through two primary discharge points: to the North, flowing into Khlong Hok Suan, and from the eastern side into Khlong Lam Salad.

To ensure environmental safety and regulatory compliance, the company consistently monitors and reports on the quality of its discharged wastewater. Key indicators—including Biological Oxygen Demand (BOD), Chemical Oxygen Demand (COD), and pH levels—are strictly controlled to meet the standards mandated by the Notification of the Industrial Estate Authority of Thailand No. 029/2024, regarding General Standards for the Discharge of Wastewater into Central Wastewater Treatment Systems in Industrial Estates.

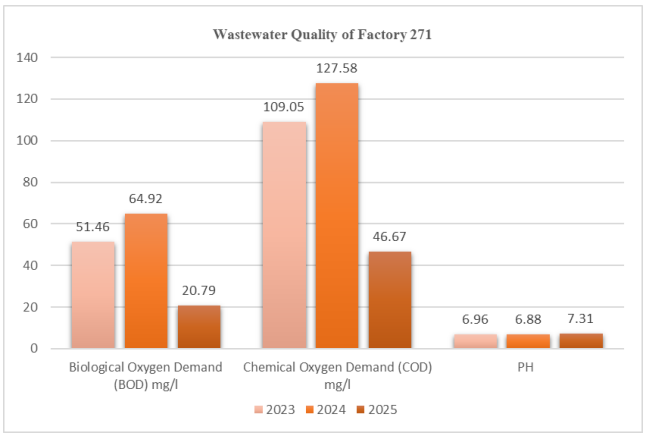


Company's Effluent Discharge

Table 2: Company's Effluent Discharge Over the Past 3 Years

Details	Year		
	2023	2024	2025
Total Effluent Discharge (m^3)	**28,873.43**	**23,630.82**	**18,312.28**
- Factory 252	2,102.43	1,801.82	1,894.28
- Factory 260	18,229.00	13,458.00	5,036.00
- Factory 271	8,542.00	8,371.00	11,382.00
Volume of Effluent Discharge to Other Organizations (m^3)	28,873.43	23,630.82	18,312.28
- Factory 252	2,102.43	1,801.82	1,894.28
- Factory 260	18,229.00	13,458.00	5,036.00
- Factory 271	8,542.00	8,371.00	11,382.00
Volume of Effluent Discharge to Surface Water Bodies (m^3)	-	-	-

Details	Year		
	2023	2024	2025
Volume of Effluent Discharge to Groundwater (m^3)	-	-	-
Volume of Effluent Discharge to Sea (m^3)	-	-	-
Volume of waste water discharged to other organizations	**23,098.74**	**18,904.66**	**14,649.82**
- Factory 252	1,681.94	1,441.46	1,515.42
- Factory 260	14,583.20	10,766.40	4,028.80
- Factory 271	6,833.60	6,696.80	9,105.60



Company's Wastewater Quality

Table 3: Company's Wastewater Quality Over the Past 3 Years

Wastewater Quality Parameter	Standard	Year		
		2023	2024	2025
Biological Oxygen Demand (BOD) mg/l	500			
- Factory 260		159.08	144.55	49.33
- Factory 271		51.46	64.92	20.79
Chemical Oxygen Demand (COD) mg/l	750			
- Factory 260		320.75	259.84	83.90
- Factory 271		109.05	127.58	46.67

Wastewater Quality Parameter	Standard	Year		
		2023	2024	2025
PH	5.5-9.0			
- Factory 260		6.88	6.69	7.49
- Factory 271		6.96	6.88	7.31

Note: Regarding the wastewater quality of Headquarters 252, the company is a lessee of the office space. ADB Sealant Co., Ltd. is the lessor and is responsible for the oversight and quality control of wastewater from the area.