

2.2 Water Stewardship and Biodiversity

GRI303-3/303-4/303-5

Our company does not consume a large amount of water resources in its operations, and we actively implement water conservation measures. Regarding our Taichung plant, which uses the most water resources, the source of the water intake is all third-party freshwater, and the wastewater is discharged through the third-party Central Taiwan Science Park Taichung Park Wastewater Treatment Plant. The water quality of the discharged water is monitored annually in accordance with the regulations of the Environmental Protection Administration. A third-party testing organization accredited by the Environmental Protection Administration conducts testing every six months to ensure compliance with management standards and discharge standards set by the Central Taiwan Science Park Administration. The process of wastewater treatment is detailed in [our 2020 Sustainability Report](#) on page 113.

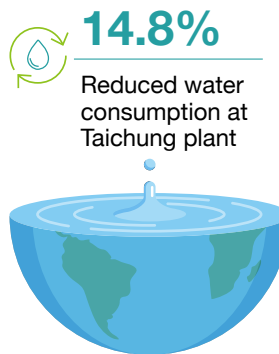
PharmaEssentia's Water Resource Statistics for the Past 3 Years

(Unit: Million Liters)

| | Location | 2020 | 2021 | 2022 |
|-------------------|--------------------|-------|------|--------------|
| Water Withdrawal | Taichung Plant | 15.64 | 16.1 | 18.11 |
| | Taipei Headquarter | 10 | 7.78 | 10.00 |
| Water Discharge | Taichung Plant | 9.46 | 10.5 | 9.127 |
| Water Consumption | Taichung Plant | 6.18 | 5.6 | 8.983 |

Note 1: The data in this table mainly covers PharmaEssentia's Taichung Plant. The water discharge and consumption of PharmaEssentia Headquarters and Panco Healthcare are not applicable since they are administrative offices that do not have production processes.

Note 2: The water intake source of PharmaEssentia is from a third-party freshwater supplier, and the discharge is treated by the wastewater treatment plant of Central Taiwan Science Park, Taichung Park.



Water Conservation Initiatives in Taichung Plant

Through the reuse of reverse osmosis brine and wastewater from the production process as cooling tower makeup water in the air conditioning system, we have improved the efficiency of water resource recycling. In 2022, the plant invested in 8 employees to execute the plan, and the total amount of water recycled was 8.724 million liters, resulting in a water savings of 14.8%.

Water Conservation Measures in Panco Healthcare

When designing the logistics center, water resource utilization was taken into consideration from the outset. Tap water is supplied for internal sanitation use, while a rainwater collection system is installed to supply water for external use and toilet flushing. If rainwater is insufficient, tap water is supplied to conserve water.

Protection Biodiversity in Taichung Science Park

To ensure the protection of water resources, PharmaEssentia has applied for a water pollution control permit, and complies with its production operations and reporting requirements. Regular sampling and testing reports are within the standards, with no material environmental impact risks. The goal of preventing and monitoring the quality of wastewater discharge is to manage it in a way that does not harm surrounding flora and fauna. PharmaEssentia is committed to protecting natural resources and implementing various environmentally-friendly measures in the hope of contributing to the preservation of biodiversity.

