

## ■ Environmental Laws and Regulations Compliance Strategy

To effectively respond to environmental laws and regulations, we have strengthened our activities in the areas of greenhouse gas emissions, water quality, waste, chemical substances, and air management.

We conduct continuous monitoring to prevent any discharge or leakage of pollutants and are consistently investing in eco-friendly facilities to fundamentally block emissions into local communities.

Moving forward, Orion will continue to advance its environmental management practices through enhanced monitoring and sustainable investments.

### Strategies for Compliance with Major Environmental Laws and Regulations

Environmental Laws and Regulations	Details	Environmental Laws and Regulations Compliance Strategy
Act on the Allocation and Trading of Greenhouse Gas Emission Permits	Enacted under <i>Article 25 of the Framework Act on Carbon Neutrality and Green Growth for Coping with Climate Crisis</i> , this law aims to introduce a system for trading greenhouse gas emission permits, utilizing market mechanisms to effectively achieve the national greenhouse gas reduction targets.	As a company subject to <i>the Emissions Trading System under the Act on the Allocation and Trading of Greenhouse Gas Emission Permits</i> , Orion calculates its annual greenhouse gas emissions and obtains verification from external institutions to ensure compliance with relevant regulations. We continue to identify and expand greenhouse gas reduction initiatives through the establishment of an <i>Energy Management System (EnMS)</i> , improvements in facility efficiency, and the implementation of energy recycling measures.
Water Environment Conservation Act	Enacted to prevent health and environmental risks caused by water pollution and to properly manage and conserve the water environment of public water bodies, such as rivers and lakes, so that the public can widely benefit from them and pass on clean water to future generations.	The wastewater discharged from our treatment facilities is managed under standards that are stricter than those legally required.  We enhance the treatment process by introducing microbial agents to improve the decomposition of organic matter.  In addition, we actively reduce water consumption by reusing water from raw material washing and other processes.
Wastes Control Act	Enacted to protect the environment	We conduct regular on-site inspections of waste

	and safeguard public health through the proper treatment and recycling of waste.	treatment contractors to ensure the proper handling of waste generated from our plants.  To promote waste-to-resource initiatives, we are working to convert waste into recyclable resources, strengthen separation at source, and improve recycling systems to effectively manage related risks.
Chemical Substances Control Act	Enacted to prevent risks to public health and the environment from chemical substances, ensure their proper management, and protect lives, property, and the environment through prompt response to chemical-related accidents.	We conduct regular inspections on a daily, weekly, and monthly basis to meet management standards for facilities handling hazardous chemicals, thereby preventing accidents in advance.  We also maintain detailed management registers for chemical substances, and our hazardous chemical managers receive periodic training to continuously improve the management system in line with changes in laws and regulations.
Clean Air Conservation Act	Enacted to prevent risks to public health and the environment caused by air pollution, and to ensure the sustainable management and preservation of air quality so that all citizens can live in a healthy and pleasant environment.	Orion regularly replaces and maintains adsorbents and filters to manage air pollutants generated during the production process.  In addition, we are working to reduce emissions at the source by reviewing and upgrading facilities that generate air pollutants.