WATER RESOURCE COMPLIANCE REPORT

Environmental Impact Assessment & Regulatory Compliance

Report ID: WTR-2023-ENV-007 | Assessment Period: Q4 2023 | Certification: ISO 14001:2015

In FACILITY INFORMATION

COMPANY NAME

GreenTech Solutions Ltd

REPORT PREPARED BY

Environmental Compliance Team

INDUSTRY CLASSIFICATION

Technology Manufacturing

REPORT DATE

December 31, 2023



WATER USAGE METRICS

ANNUAL WATER USAGE

45,000,000

Litres/Year

WASTEWATER GENERATED

38,250,000

Litres/Year

WATER RECYCLED

65

Percentage (%)

REGIONAL SCARCITY INDEX

2.3

Risk Level (1-5)

REGULATORY COMPLIANCE STATUS

Compliance Area	Regulation	Status	Last Audit	Next Review
Water Usage Permits	EPA Section 402	COMPLIANT	Oct 2023	Apr 2024
Discharge Standards	NPDES Permit	COMPLIANT	Sep 2023	Mar 2024
Water Quality Monitoring	State EPA Requirements	COMPLIANT	Nov 2023	Feb 2024
Emergency Response Plan	SPCC Regulation	UNDER REVIEW	Aug 2023	Jan 2024

✓ SUSTAINABILITY INITIATIVES

- Compliance with Local Water Laws: All operations meet or exceed local and federal water usage regulations. Current permits valid through 2025.
- Rainwater Harvesting System: Advanced rainwater collection system operational since Q2 2023. Contributing 12% to total water needs.
- Greywater Recycling Expansion: Phase 2 expansion planned for Q2 2024 to increase recycling capacity from 65% to 80%.
- Water Conservation Training: All facility personnel completed mandatory water conservation training in Q3 2023.
 - **OF PERFORMANCE TARGETS & RECOMMENDATIONS**

Target Area	Current Performance	2024 Target	Action Required
Water Recycling Rate	65%	75%	Install additional filtration systems
Annual Water Reduction	45M litres	40M litres	Implement leak detection program
Wastewater Treatment	85% efficiency	90% efficiency	Upgrade treatment facility
Rainwater Harvesting	12% of total	18% of total	Expand collection infrastructure

Environmental Officer

Regulatory Compliance

Dr. Sarah Johnson, CSO

Date: December 31, 2023

Michael Chen, P.E.

Date: December 31, 2023

CONFIDENTIAL ENVIRONMENTAL COMPLIANCE REPORT

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