

# RISTI TRI HERAWATI

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## SUMMARY

Fresh Graduate in Environmental Engineering and Management from IPB University with practical experience in wastewater treatment (WWTP & WTP), hazardous waste (B3) management, and environmental compliance. Experienced in environmental monitoring, technical documentation, and implementing environmental regulations within manufacturing industries. Strong analytical and problem-solving skills with a commitment to supporting sustainable operations and continuous improvement.

## PROFESSIONAL EXPERIENCE

**PT Muliaboga Sukses Bersama — WWTP & WTP Intern** **Jul 2025 - Dec 2025**

- Monitored wastewater quality (pH, DO, SV30) across 7 monitoring points to maintain treatment performance.
- Performed WTP water quality analysis (TDS, ORP, Conductivity, and pH) and supported daily WWTP operations.
- Assisted environmental reporting and technical documentation to support regulatory compliance.

**PT Hijau Lestari Prakarsa Utama — Environmental & HSE Intern** **Jun 2024 - Jul 2024**

- Conducted HSE inspections covering PPE, emergency equipment, housekeeping, and industrial hygiene.
- Assisted hazardous waste (B3) management and wastewater treatment documentation.
- Supported safety awareness programs through Behavior-Based Safety (BBS) activities.

## EDUCATION

**IPB University – School of Vocational Studies** **Aug 2022 - Jul 2026**

**Bachelor of Applied Science in Environmental Engineering and Management**

- GPA: 3.69 / 4.00
- Best Innovation Team – Enviro Project 2023 for developing environmentally friendly paper soap from mango leaf extract.
- Conducted environmental education through the Zero to Hero-EZ: Hygiene Tuition for Gen Z community service program.
- Organized an ISO 14001 Environmental Management System webinar attended by 300+ participants.

## PROJECT

**Final Project** **Nov 2025 - Jun 2026**

*Design of a Hazardous Waste Storage Facility at PT Muliaboga Sukses Bersama*

- Evaluated compliance with Indonesian hazardous waste regulations.
- Designed the storage facility layout and calculated storage capacity.
- Prepared technical documentation (Rincian Teknis) to support regulatory compliance.

## ORGANIZATIONAL EXPERIENCE

**LIKISTA – Student Association of Environmental Engineering and Management** **Nov 2023 - Nov 2024**

**Entrepreneurship Division Staff**

- Led the Cooperative Designation Program as Chief Coordinator, managing activities for 50+ participants.
- Coordinated the National Environmental Competition 2024 with 200+ student participants.
- Organized the Alumni Talk program featuring three professional speakers.

## SKILLS

- **Languages:** Indonesia (Native), English (Intermediate).
- **Certifications:** Occupational Safety and Health (K3) Officer – BNSP
- **Technical Skills:** WWTP & WTP Operations • Hazardous Waste (B3) Management • Environmental Monitoring • Environmental Compliance • Microsoft Excel • Microsoft Office • AutoCAD • QGIS • Canva • Water Quality Analysis (pH, DO, TDS, ORP, Conductivity, SV30)