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RETERRA FOUNDATION PROJECT REPORT



Presented By
TEAM RETERRA

LINGDING PROJECT



Jhora Drainage Cleaning Drive – Lower Lingding

1. Introduction

On April 19, 2026, Retterra Foundation conducted an intensive cleaning operation at the jhora drainage system in Lower Lingding. This initiative is a foundational element of the organization's mission to protect the region's hydro-ecology. By intercepting waste at the jhora level, the project ensures that pollutants do not migrate into the primary river stream, thereby preserving the water quality of downstream natural water bodies.

2. Project Objectives

- **Source-Point Intervention:** Prevent the flow of urban debris into the larger river stream ecosystem.
- **Operational Efficiency:** Execute a high-impact cleanup through synchronized team maneuvers.
- **Environmental Advocacy:** Demonstrate the effectiveness of grassroots stewardship in maintaining vital waterways.
- **Inter-Agency Collaboration:** Partner with local leadership and waste management entities for a holistic solution.



BEFORE



AFTER



3. Action Plan

- **Team Mobilization:** Deploying a specialized task force to handle heavy waste removal.
- **Time Management:** Allocating a dedicated window for deep-cleansing the most congested sections of the jhora.
- **Logistics Coordination:** Ensuring the seamless transfer of collected materials from the site to the 32 No. Dumping Yard in partnership with GNS.
- **Community Integration:** Aligning Foundation activities with local "Safai Abhiyans" to maximize regional impact.



4. Execution & Operational Highlights

The operation was characterized by rigorous physical labor and precise organizational logistics.

Metric	Details
Duration	4+ Hours of continuous operation
Manpower	20+ Team members with coordinated task allocation
Total Waste Recovered	2,245 Kilograms
Primary Target	Jhora drainage feeding the river stream
Disposal Site	32 No. Dumping Yard (Segregation by GNS)



“The cleanup required more than 4 hours of intensive labor to address the deep-seated waste within the drainage. The success of the drive was largely attributed to the coordination of a 20+ member team, which allowed for simultaneous work on multiple segments of the jhora. This collective effort was supported by Area Counsellor Mrs. Pushpa Rai and her team, who provided meals and managed parallel dry-waste collection”



5. Next Action Plan

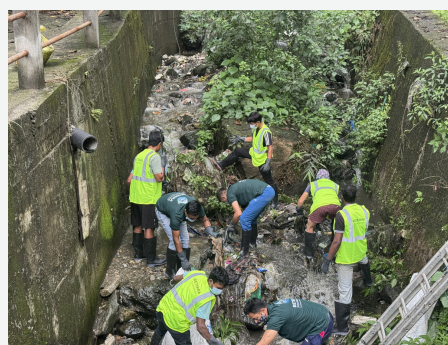
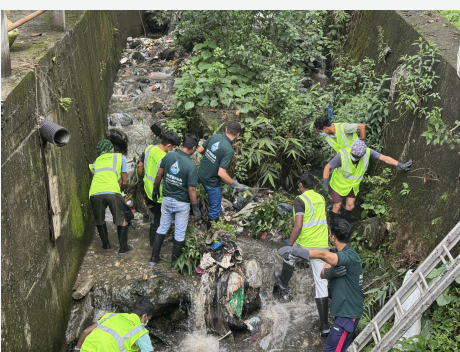
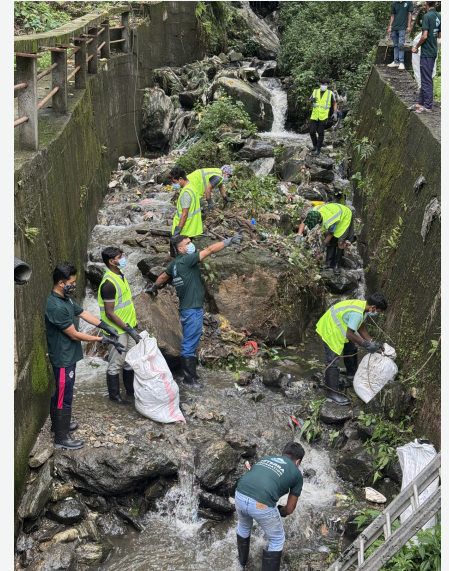
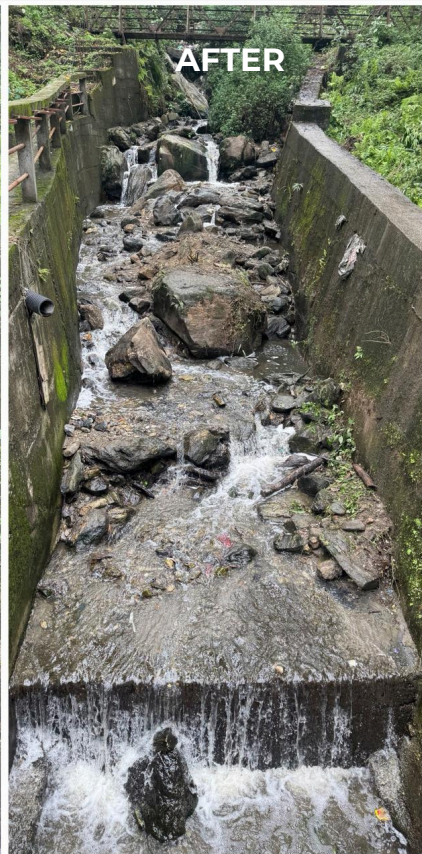
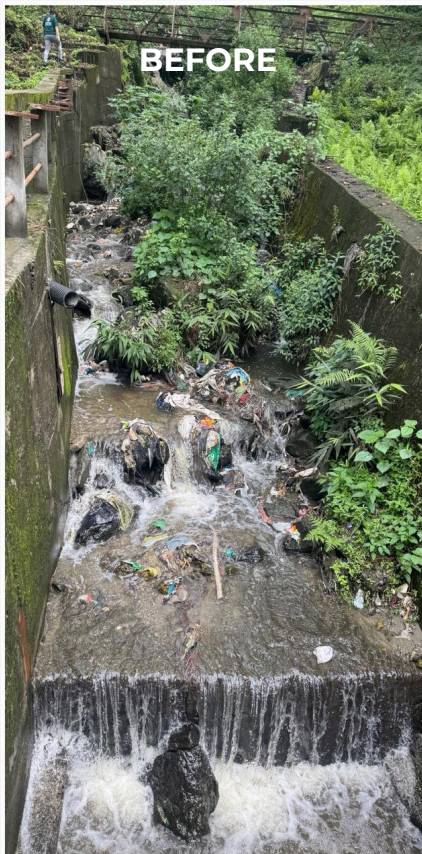
- **Quarterly Desilting:** Schedule follow-up drives every three months to maintain the flow toward the river stream.
- **Waste Audit:** Review the **2,245 kg** of collected debris to identify if the waste is primarily residential or commercial.
- **Community Watch:** Empower local volunteers to monitor the jhora and report illegal dumping.
- **Strategic Expansion:** Replicate this **20-member** coordination model for other critical jhoras in the surrounding area.



6. Summary

The Jhora Drainage Cleaning Drive successfully removed **2,245 kg** of waste through the dedicated efforts of a **20+ member team** over a span of **more than 4 hours**. This operation significantly reduced the pollution load entering the local **river stream**, showcasing a successful blueprint for collaborative environmental action. The synergy between the **Retterra Foundation, GNS, and local stakeholders** remains the cornerstone for long-term ecological restoration in Lower Lingding.

Gallery



Message



“The **Reterra Team** also extend their sincere gratitude to

Honourable Shri Prem Singh Tamang (Golay)
Chief Minister of Sikkim
&
Honourable Smt. Kala Rai,
Area MLA(Burthuk)

For their guidance and support in spearheading the broader vision of environmental sustainability and community-driven cleanliness initiatives.”