KYITSEL-LING WATER SYSTEM PROJECT REPORT

Project Name: Kyitsel-ling Water System Improvement Project

Location: Kyitsel-ling, Clement Town, Dehradun, Uttarakhand, India

Date and year: **2024-25**

PROJECT OVERVIEW

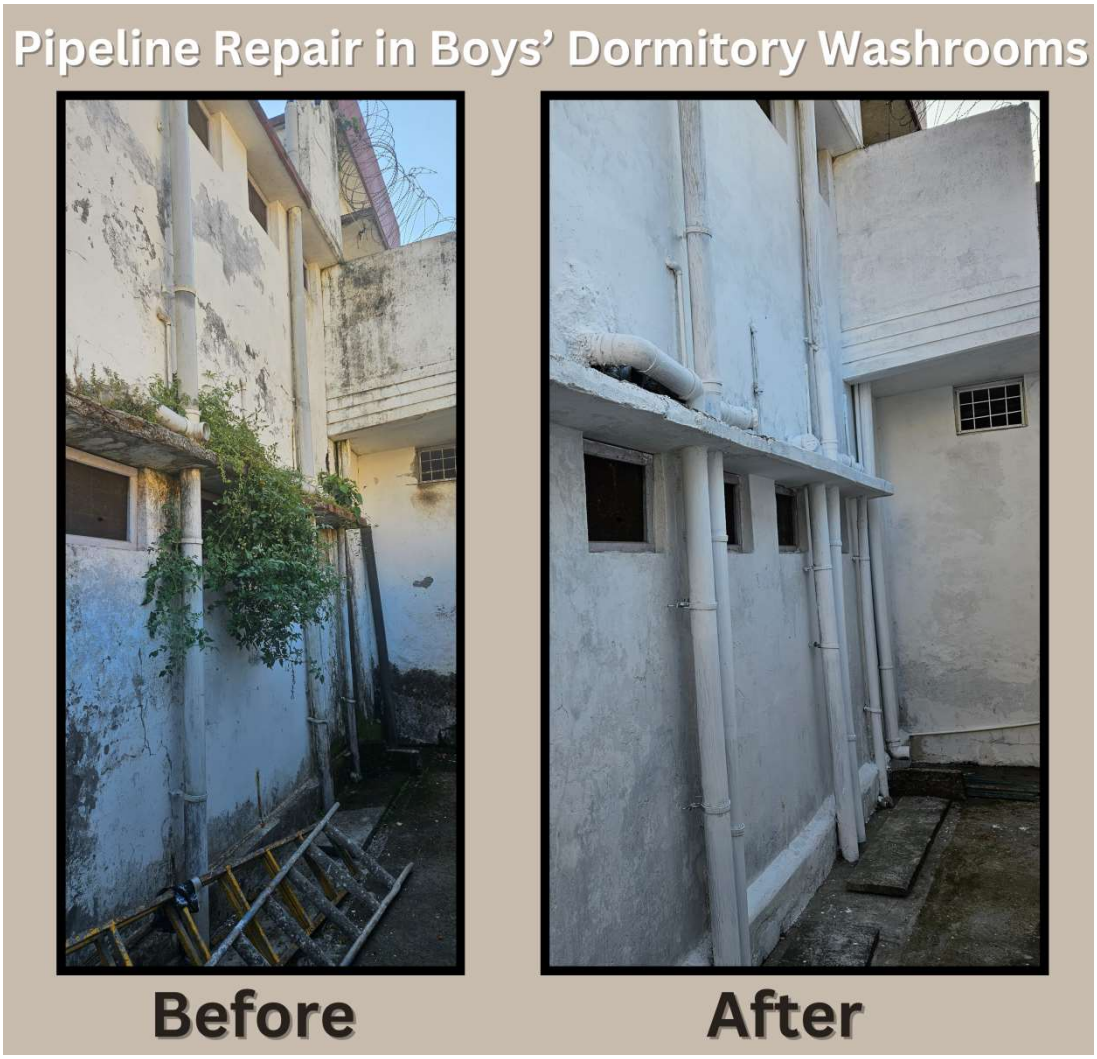
The Kyitsel-ling Water System Project was undertaken to provide a reliable, clean, and efficient water supply to the entire Kyitsel-ling campus. The project focused on modernizing the old water infrastructure, repairing damaged pipelines, improving sewage systems, and ensuring the safety and hygiene of students and residents.

Key Achievements

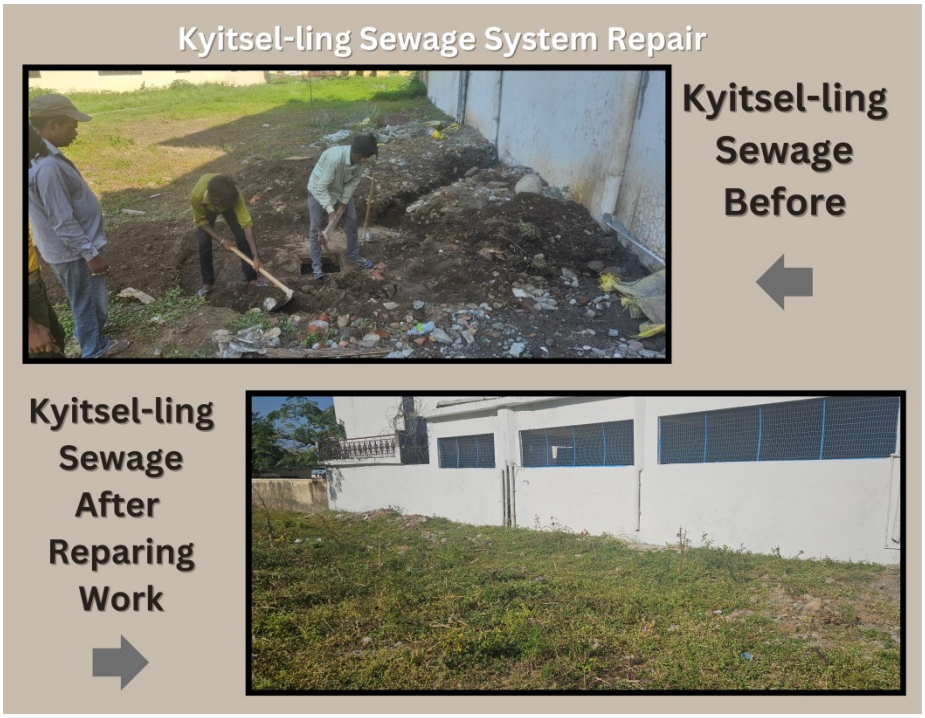
1. Centralized Water System Construction

- All old water tanks from different blocks were removed and replaced with one **centralized water system**.
- A new **19ft (length) × 10 ft breath X 24 fts height** (24 ft high) concrete tank stand was constructed. With this construction we created two rooms, one for kitchen store house (ground floor) and another room on top as Senior Girls Store room to keep their private belongs such as casual clothes and toiletries.
- Three new large tanks with capacity of 9000 liters were installed on top with proper tank stands and covered with a **wired mesh** to protect it from monkeys.
- These tanks are connected both to the **underground water source** and **main community water supply**, ensuring water from two sources and reducing the risk of future shortages.

2. **Pipeline Repair in Boys' Dormitory Washrooms**
    - In both the junior and Intermediate Boys' dorms, old **GI pipelines** were replaced with top quality **PVC pipes**.
    - All **leakages** in bathrooms and toilets were repaired, improving hygiene and water flow.



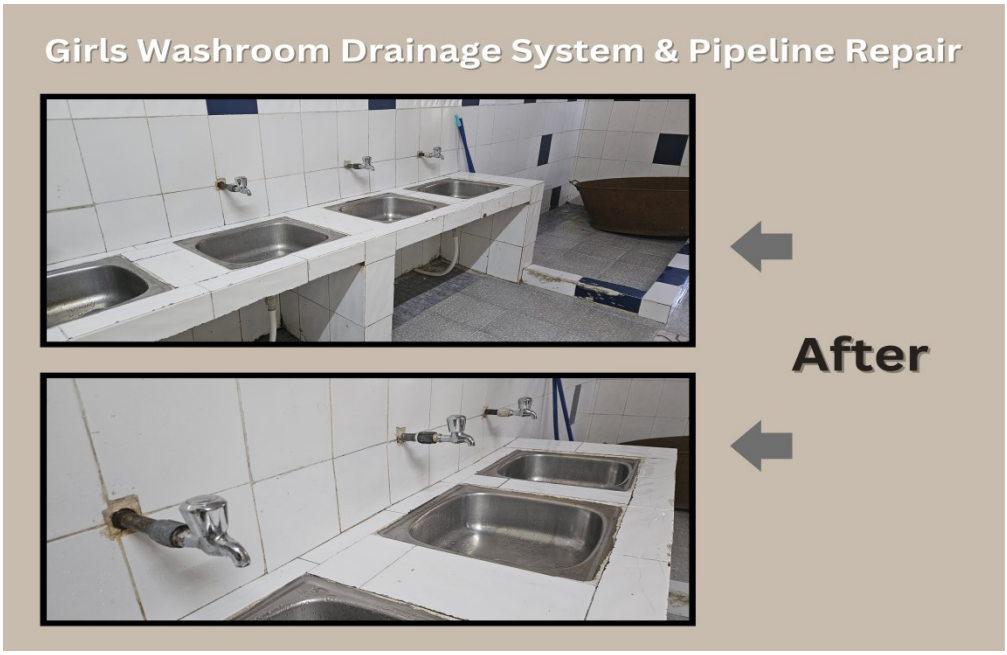
3. **Kyitsel-ling Sewage System Repair**
    - The entire sewage tank and pipelines were **repaired and cleaned**. All **blockages and leakages**—mainly caused by wild rats—were cleared to ensure smooth flow and prevent contamination.



4. **Construction of Back Retaining Wall**
    - The old back wall was too low, allowing easy entry for wild animals.
    - A **new 80 ft long and 12 ft high wall** was constructed to secure the campus from the backside.

5. Girls' Dormitory Washroom Pipeline and Door Replacement

- Old, leaking pipelines were replaced with **new PVC lines**, stopping leakage and dampness.



- All old wooden doors were replaced with **aluminum doors** to prevent rust and improve cleanliness.

6. **New Concrete Lockers for Girls' Dormitory**
   - Old **tin lockers**, which had rusted due to their proximity to washrooms, were replaced.
   - Using remaining funds, **new cement concrete lockers** were constructed, providing a durable and long-lasting solution for students' belongings.

Conclusion

The Kyitsel-ling Water System Project has greatly improved the overall water distribution, sanitation, and safety of the campus. The work completed ensures long-term sustainability and comfort for all residents, especially the students.

We express our deep gratitude to our **donor** for their generous support and trust in this project. Your contribution has brought lasting improvement to our community's daily life and well-being.

Thank You