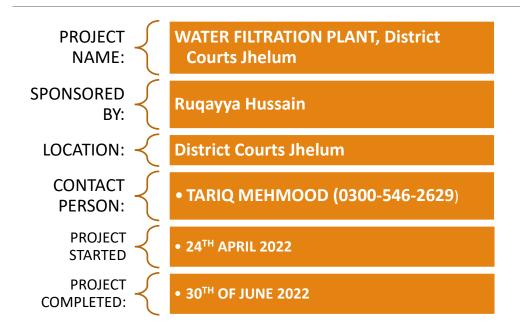


PROJECT COMPLETION REPORT

DISTRICT COURTS, JHELUM



SUMMARY



The Rehmat Welfare Foundation (RWF) has successfully completed the construction and installation of a state-of-the-art water filtration plant designed to provide free and clean drinking water to the public. The plant, which will serve approximately 10,000 individuals daily, is a testament to RWF's commitment to improving community health and access to safe drinking water.

PROJECT BACKGROUND

Objectives:

- 1. Enhance Public Health: Provide safe drinking water and reduce waterborne diseases.
- Improve Passenger Experience: Offer convenience, comfort, and satisfaction.
- **3. Support Environmental Sustainability**: Reduce plastic waste and promote eco-friendly practices.
- 4. Increase Cost Efficiency: Lower costs associated with bottled water and waste management.
- **5. Boost Operational Efficiency**: Alleviate congestion and enhance station functionality.
- **6. Benefit the Community**: Provide clean water to local residents and support social welfare.
- **7. Raise Awareness**: Educate about water conservation and environmental responsibility.
- **8. Modernize Infrastructure**: Upgrade station amenities and showcase innovative solutions.

Sponsor:

Rehmat Welfare Foundation, Jhelum

Donor:

Masjid-us –Sunnah Community Heathrow, Londn, UK

Need Assessment and Survey

Assessment Report:

Water Quality Survey:

- -Conducted to identify contaminants and the need for a filtration solution.
- Survey results indicated high levels of impurities and unsafe water conditions in the targeted areas.

Community Needs Assessment:

- Surveyed local population to determine the daily water consumption needs.
- Identified the need for a sustainable solution to provide clean drinking water.

Findings:

- Contaminants Identified: High levels of bacterial contamination, sediments, and chemical impurities.
- Population Served: Approximately 10,000 individuals in the area were identified as in need of improved water quality.

Project Implementation

Construction:

- Site Preparation: Cleared and prepared the site for installation.
- Plant Construction: Erected and completed construction of the filtration unit, including:
 - Intake and filtration systems
 - Storage tanks
 - Pumping stations
- Quality Checks: Ensured that all materials and construction practices adhered to safety and efficiency standards.

Installation:

- Filtration System: Installed advanced filtration technologies, including:
 - Sand filters
 - Activated carbon filters
 - UV sterilization units
- Testing and Commissioning: Conducted rigorous testing to ensure the plant operates efficiently and produces water meeting safety standards.

Financial Overview

Total Cost:

- Construction and Installation: Rs.15,10000 (All costs covered by Rehmat Welfare Foundation Jhelum)

Breakdown:

- Land: Donated by the local government

- Water Filtration Plant Equipment: Rs. 320,000

- Labor Costs: Rs. 200,000

- Construction Material: Rs. 580,000

- Operational Costs: Rs. 35000 per month

Funding Source:

- Entirely funded by the Rehmat Welfare Foundation Jhelum, with no external financial support.

Impact and Benefits

Fixing a water filtration plant at a railway station in Gujranwala that provides clean drinking water to more than 10000 people daily can have several significant impacts and benefits:

Public Health and Hygiene

- Improved Health: Access to clean drinking water reduces the risk of waterborne diseases such as cholera, dysentery, and hepatitis, which are common in areas with inadequate water treatment.
- Reduced Medical Costs: With fewer water-related illnesses, both passengers and the local population may face fewer medical expenses, relieving some burden on the healthcare system.

Convenience and Comfort

- Enhanced Passenger Experience: Travelers will benefit from having access to safe drinking water, which can improve their overall experience and comfort at the station.
- Increased Satisfaction: The availability of clean water can lead to increased satisfaction among passengers, potentially encouraging more travel and positive feedback.

Environmental Impact

- Reduced Plastic Waste: Providing clean water directly at the station can reduce the reliance on bottled water, thus decreasing plastic waste and promoting environmental sustainability.
- Promotion of Sustainable Practices: The initiative can serve as a model for other public facilities, encouraging the adoption of similar sustainable practices.

Impact and Benefits (Cont...)

Economic Benefits

- 1. **Cost Savings:** By providing water directly, the station can save on the costs associated with bottled water procurement and disposal.
- 2. **Boost to Local Economy**: Improved facilities can attract more passengers and boost local commerce through increased foot traffic.

Social Impact

- 1. Community Well-being: The plant not only serves travelers but can also provide clean water to the local community, enhancing their quality of life.
- Educational Opportunities: The project can raise awareness about water conservation and the importance of clean water, fostering a culture of sustainability.

Operational Efficiency

- Reduced Queue Times: By providing a dedicated water source, the station can reduce the time passengers spend waiting in lines to purchase bottled water or use other facilities.
- Enhanced Infrastructure: The presence of such a facility can be a part of broader infrastructure improvements, potentially leading to better services and amenities at the station.

In summary, the installation of a water filtration plant at the railway station in Gujranwala can lead to substantial health, environmental, economic, and social benefits, contributing to a more sustainable and passenger-friendly transit experience.

Photo Gallery









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