



2020-21 Annual Report

Neerjaal - Water Department

Rainwater Harvesting Projects

Location: Khatoli and Kadampura

Number of Beneficiaries: 6500 Villagers in 2 villages

Project Objective:

- To increase the ground water table and to recharge wells and handpumps in the 5-6km radius of the pond
- To provide water to livestock and stray animals
- To give direct employment to 100+ people

UN SDGs Addressed:

- SDG 6 - Clean Water and Sanitation
- SDG 8 – Decent work and Economic Growth

Quantitative Impact:

Khatoli

- No. of villages to be benefitted: 4
- Wells Recharged: 25 wells for drinking water and irrigation
- Handpumps Recharged: 25 handpumps for drinking water purposes
- Benefits to agricultural land: 2500 acres
- Cattle: 8000
- Water Recharged: 1.00 Cr. Litres

Kadampura

- No. of villages to be benefitted: 3
- Wells Recharged: 45 wells for drinking water and irrigation
- Handpumps Recharged: 55 handpumps for drinking water purposes
- Benefits to agricultural land: 3000 acres
- Cattle: 8500
- Water Recharged: 0.75 Cr. Litres



Digging Work - Khatoli Naadi



Women from the village partaking in the naadi digging



Community Involvement in Naadi

Drinking Water Projects

Background:

Based on the testing conducted, water from certain villages has a very high TDS which often gives it an unpleasant taste. It is also observed that the water has a high fluoride content, which causes several health issues. Villagers are spending money to buy tankers in order to meet their daily drinking water requirements.

UN SDGs Addressed: SDG 6 - Clean Water and Sanitation

Plant 1:

- Location: Palladi
- Number of Beneficiaries: 1700 Villagers
- Project Objectives:
 1. Desalination of water in the village
 2. To remove Fluoride from the water and tackle the related health issues.

Plant 2:

- Location: Singla
- Number of Beneficiaries: 70 Students and teachers residing in Vidyaniketan
- Project Objectives:
 1. To provide safe drinking water to the children residing in Vidyaniketan.
 2. To remove fluoride from the water to prevent health problems for children.

Plant 3 (Solar RO Plant):

- Location: Dhanau
- Number of Beneficiaries: Neighboring Govt. Hospital patients, Villagers, Field Center Staff
- Project Objectives:
 1. To provide safe drinking water to people visiting the government hospital.
 2. To supply water for Field Center requirements.
 3. The waste water will be used up for the toilets in the field centers.



Palladi RO Installation






Women from the village collecting water from RO



Water source for Palladi RO





**Solar
Powered
RO Plant**

**RO Plant
Capacity
800
Filters
per hour
in Pure
Water**

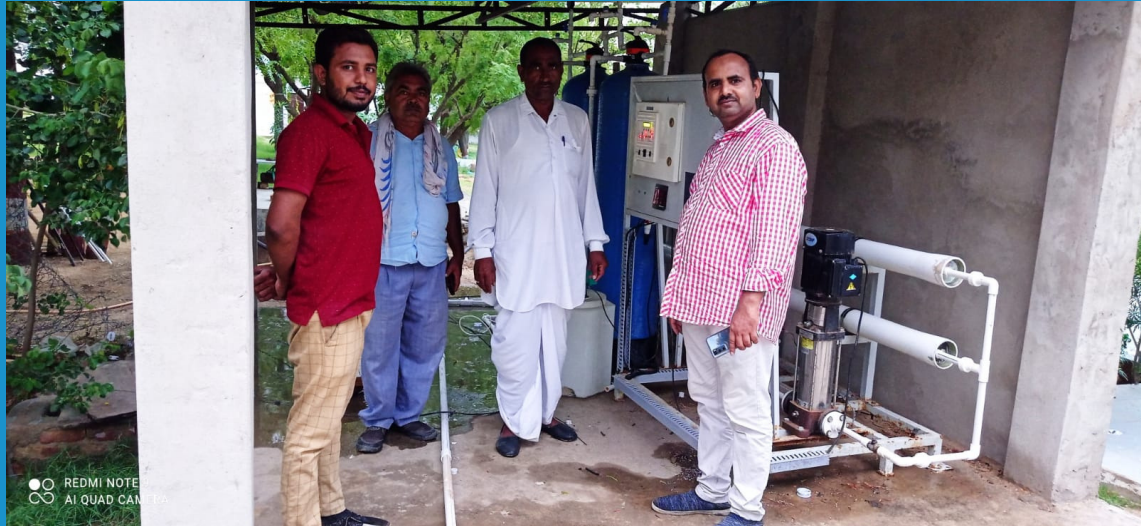
Solar Powered RO Dhanau



People drinking water from the Dhanau RO



RO in Singla Bridge School



NGO Team installing the RO

Daily Responsibilities by Neerjaal

- Water Supply to New Campus and Old Campus using Tankers
- Operation and Maintenance of RO Plants in New Campus and Old Campus
- Maintenance of water supply systems in both the campuses
- Monitoring the water quality for each water source by conducting testing.
- Supervising the Operation and maintenance of ROs and Rainwater Harvesting Tankas that have been installed by SWRC in different villages.