Har Ghar Jal
Jal Jeevan Mission
Building Partnerships
Changing lives

हर घर -
नल का जल

Changing the lives of the rural community of Bihar through Multi-Village Piped Water Supply Schemes

Changing Lives

- Twenty-five-year-old boy, Santosh Kumar Manjhi, has no story to tell. Plagued by fluorosis and orphaned at the age of ten, with twisted bones and crippled legs, teeth yellow and stained, his entire life stands staring blankly at him.
- Unable to fend for himself and left at the mercy of his only brother and the villagers to take care of him, he is a silent spectator, gazing aimlessly at the sky.
- Santosh's father was also afflicted with this deformity which was inherited by his son.

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- Many children born a decade ago suffered from similar visible symptoms about which we were in total darkness.
- But now, with the coming of safe water through pipelines, this disease has receded and we are heaving a sigh of relief

Groundwater contamination in Bihar

- In aggregate terms 30,272 rural wards of the State's 1,14,691 wards are contaminated by atleast one of these sources which works out to roughly 26% of the rural wards in the state.
- In another manner of speaking, groundwater of 31 districts out of 38 districts in Bihar suffer from either Arsenic, Fluoride or Iron contamination.
- 4742 wards suffer from Arsenic contamination in 14 districts (4.1%), 3791 wards suffer from Fluoride contamination in 11 districts (3.3%) and 21,739 wards suffer from Iron contamination in 11 districts (18.96%).

Intervention with Partnership of GoI

- As a part of the various corrective and precautionary measures leading to mitigation and remediation of the issues emerging out of groundwater contamination and anticipated depletion in Bihar, development of surface water-based multi village water supply schemes (MVS) to provide regular and safe water in many arsenic and fluoride areas in partnership with Department of Drinking Water and Sanitation, Ministry of Jal Shakti, Govt. of India

SCHEME DETAILS	DISTRICT
1. Maujampur MVS	BHOJPUR
2. Khaira MVS	MUNGER
3. Silao MVS	NALANADA
4. Rajauli MVS	NAWADA
5. Cheria MVS	BEGUSARAI
6. Kahalgaon - Pirpainti MVS	BHAGALPUR
7. Bidupur MVS	VAISHALI
8. Maner MVS	PATNA
9. Matihani MVS	BEGUSARAI
10. Sultanganj - Nathnagar MVS	BHAGALPUR
11. Silao MVS Phase 2	NALANDA
12. Simari MVS	BUXAR
13. Ghoghaghat, MVS	BETTIAH

MVSs in Bihar

- Towards resolving the fluoride issue in 10 Gram Panchayats (89 wards; 8791 HHs including Schools and Anganwadi Centers) in Rajauli Block of Nawada district, a Multi Village Scheme has been commissioned with capacity of 10 MLD water from Phulwariya Dam as water source.
- Similarly in Silao Block of Nalanda district, a battery of tube wells developed in the river bed of Panchane caters to 15 fluoride affected Gram Panchayats and covers more than 17 thousand FHTCs.
- Tackling the arsenic contamination concerns of villages which lie on the banks of the Ganga River, 7 Multi Village Schemes have been designed and constructed covering more than 2 lakhs households of Buxar, Bhojpur, Patna, Vaishali, Begusarai and Bhagalpur districts.