



DISTRICT MINERAL FOUNDATION TRUST

Sonbhadra, UP

MINING SCENARIO AT SONBHADRA

- District Sonbhadra, Uttar Pradesh has predominantly hilly and rocky terrain with majority of the population being schedule caste/schedule tribe whose financial condition is poor. Many of the residents of Sonbhadra are involved in mining activities to earn their livelihood.
- Sonbhadra is known for **Sand, Morrum, Limestone, Dolomite and Coal** deposits.
- Mining of Sand/Morrum along the major river Son, Kanhar and Renu is the major source of revenue.
- There is high percentage of fluoride in the underground water here, that affects the health of the inhabitants leading to fluorosis.



SOURCES OF DMF (FINANCIAL YEAR 2018-19)

	Amount (In lakh rupees)
Funds available (as on 1st March 2018)	25,123.15
Amount Received till December (in Financial year 2018-19)	1,137.47
Total available fund	26,260.62

Major Minerals	Revenue received in financial year 2017-18 (in lakh rupees)
Coal	3,37,21,28,956.00
Limestone	83,05,41,273.00
Minor Minerals	Revenue received in financial year 2017-18 (in lakh rupees)
Sand/Morrum	1,12,67,34,436.00
Dolomite	56,30,84,082.00
Sandstone	1,26,89,430.00

FUNDS

S.No.	Theme	Number of Proposed Projects	Proposed Amount (in lakh rupees)	Released Amount (in lakh rupees)
1.	Drinking Water	187	9567.06	4547.61
2.	Environment	4	98.61	76.11
3.	Health	4	91.33	66.18
4.	Education	20	16.62	16.62
5.	CC Roads	5	4703.50	2351.75
6.	Electrification	593	1805.03	1462.98
7.	Other works	1	717.50	358.75
Total		814	16999.65	8880.00

BASIC PROBLEMS AT SONBHADRA

- Poverty
- Water scarcity
- Hilly terrain
- High tribal population
- Left Wing Extension area



The background features abstract, flowing waves in shades of red, orange, and yellow, creating a sense of movement and energy. The waves are layered, with some appearing more prominent than others, and they curve across the frame.

INNOVATIVE PROJECTS AT SONBHADRA

DRINKING WATER

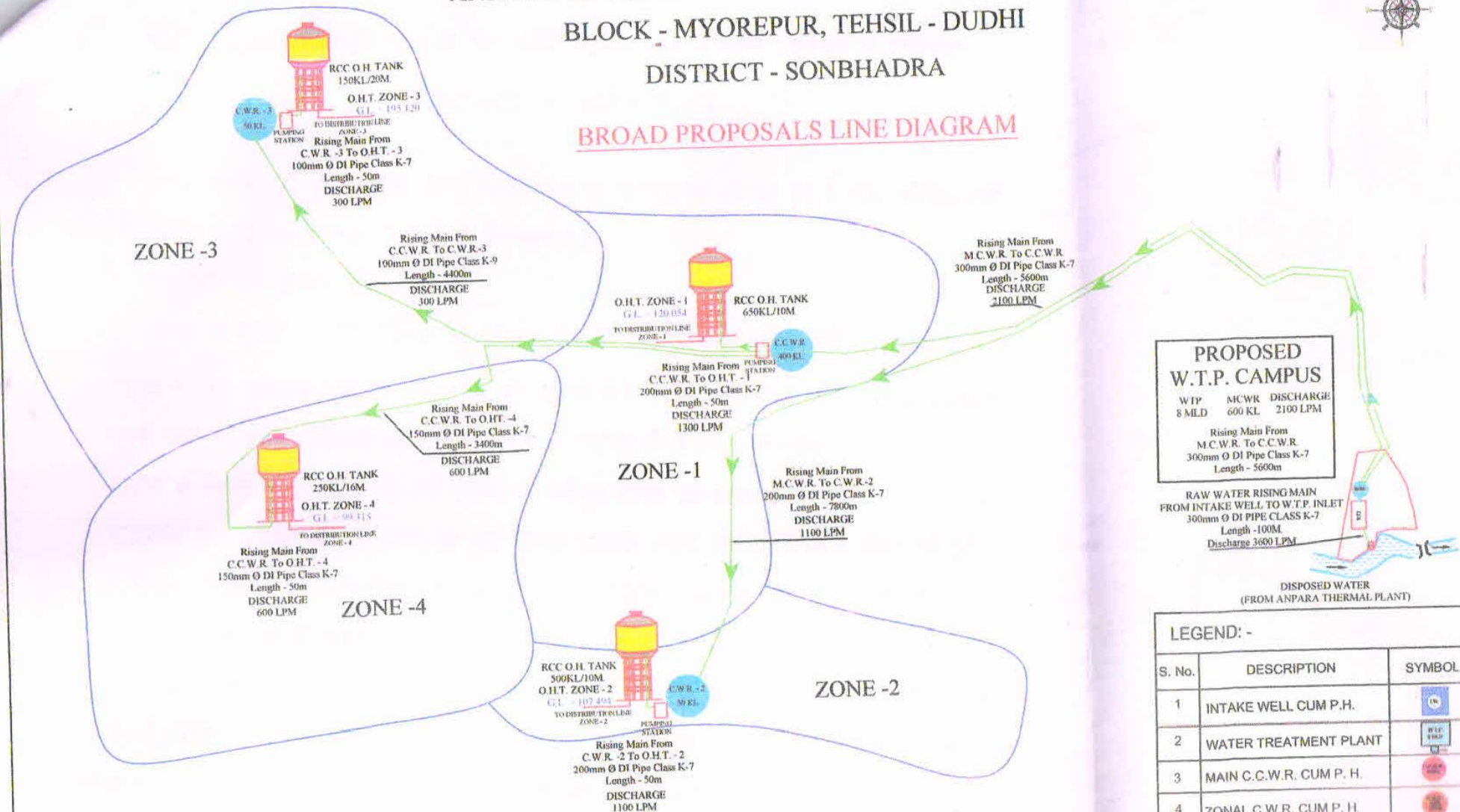
- Due to scarcity of water and being a mining affected region, underground water had high amounts of fluoride and iron. Consumption of this water is harmful for health.
- Innovative method to overcome this issue was to set up “**Surface Water Based Distribution System**” by jal nigam.
- India Mark 2 handpumps in this region used to dry up during the summers.
- Therefore establishing **134 pipe lines** for supply of fluoride free surface based drinking water utilizing **8871.80 lakh rupees** based on surface water source was an innovative and path breaking idea which brought happiness and ease to the life of these **52000 people in Anpara and Kuldumari**.
- Project is under construction and is expected to be completed in 1.5 years.

ANPARA GROUP OF VILLAGES WATER SUPPLY SCHEME

BLOCK - MYOREPUR, TEHSIL - DUDHI

DISTRICT - SONBHADRA

BROAD PROPOSALS LINE DIAGRAM

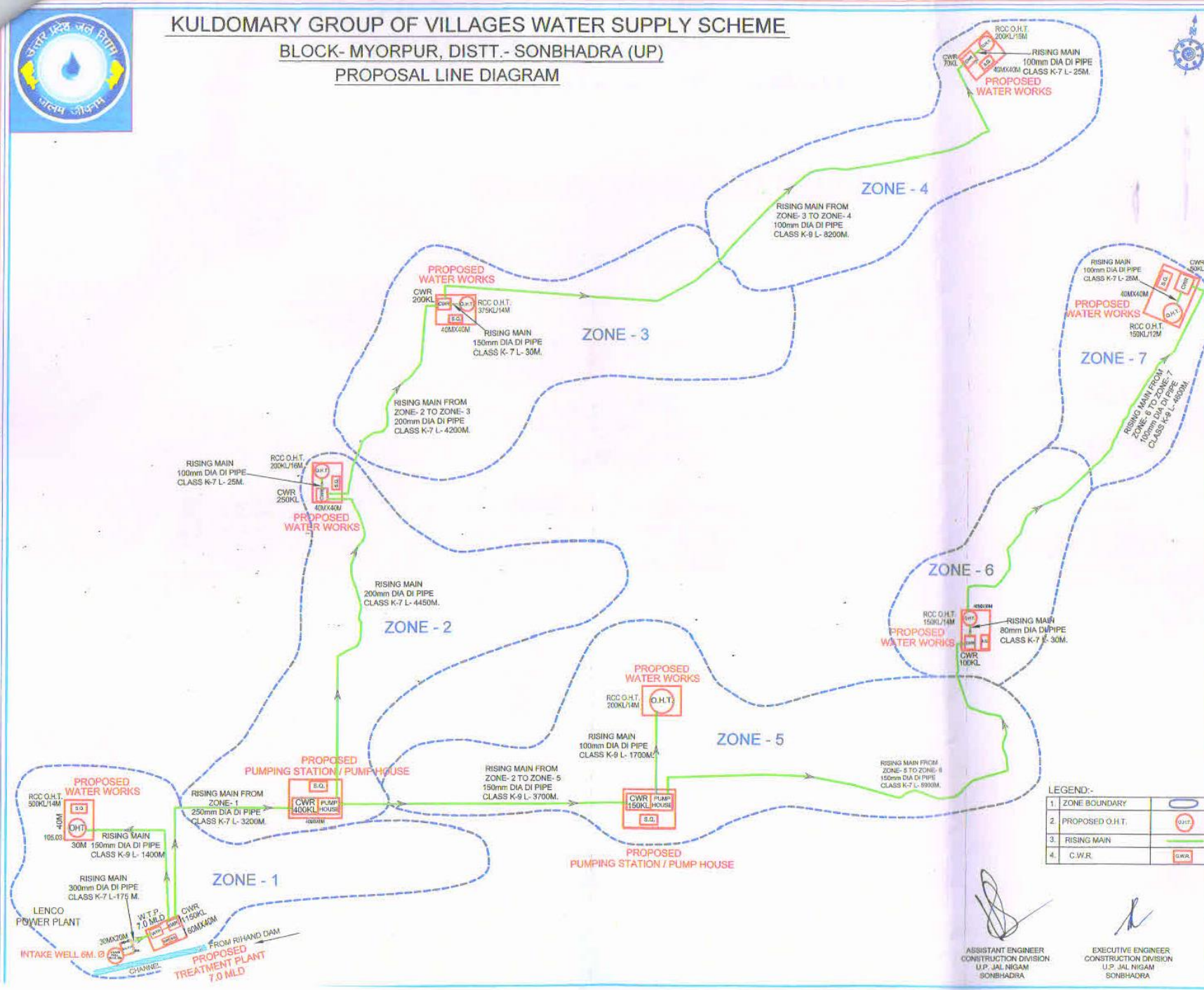




KULDOMARY GROUP OF VILLAGES WATER SUPPLY SCHEME

BLOCK- MYORPUR, DISTT.- SONBHADRA (UP)

PROPOSAL LINE DIAGRAM



LEGEND:-

1. ZONE BOUNDARY	
2. PROPOSED O.H.T.	
3. RISING MAIN	
4. C.W.R.	

ASSISTANT ENGINEER
CONSTRUCTION DIVISION
U.P. JAL NIGAM
SONBHADRA

EXECUTIVE ENGINEER
CONSTRUCTION DIVISION
U.P. JAL NIGAM
SONBHADRA

DRINKING WATER



- Establishment of “**Fluoride Removal Systems**” by installation of submersible pumps and water tank in Kasturba Gandhi Balika Vidyalay (Khutahan, Nandana and Maldeva) worth **40.65 lakh rupees**.
- With an aim to provide drinking water facility inside the school campus, a detailed survey was done and decision to establish **handpumps at 120 primary and upper primary schools** worth **119.09 lakh rupees** was taken, where there was no availability of water.



DRINKING WATER

- Under **Mission Son Antyajan Kayakalp** (an initiative of district administration for Transformation of Musahar Bastis), we surveyed 77 musahar bastis (Musahar is one of the most deprived, economically and socially backward schedule caste community of this area) and earmarked settlements without any safe drinking water source.
- Set up of **27 handpumps, 4 units of “Solar Based Mini Piped Drinking Water Facility” and 8 fluoride removal plants in Musahar Bastis** worth **112.79 lakh rupees** for provision of safe drinking water facility have been set up which was appreciated by this community who were ignored and marginalized for several years.

ENVIRONMENT



3 fly ash brick plants worth 45 lakh rupees have been set up as a **mega convergence project** between **NRLM, SBM, Panchayati Raj and PMAY**.

Women from various SHGs under NRLM have been providing workforce in the fly ash bricks plants, Panchayati Raj department is looking after the operation and maintenance of the equipment, the light weight fly ash bricks produced are being utilized for toilet construction under Swachh Bharat Mission and construction of houses under Pradhan Mantri Awaas Yojana.

This ideology was also adapted by NTPC, NCL, Hindalco, etc under their **CSR initiatives** and currently **total 8 fly ash bricks plants** are running in district Sonbhadra under the same model of convergence between NRLM and Panchayati Raj.



HEALTH

- **Community Health Centre Duddhi** is situated 80 km away from district headquarters and due to unavailability of **blood bank**, patients from the interior rural areas could not avail blood on time and therefore had to face difficulties and unlikely situations. Looking at this scenario, blood bank at CHC Duddhi was established using approximately **50.30 lakh rupees**.
- With an aim to provide **24*7 power supply in labour rooms of 10 of our CHCs/PHCs** in the interior rural areas , the district administration sonbhadra decided to set up **10 Solar Power Plants** with a capacity of 20/25 KW worth **229.01 lakh rupees** to provide undisturbed electricity supply for deliveries. These were points of high delivery load and often had complaints of untimely power cuts making it difficult to provide quality services in labour rooms here.

HEALTH



Also, availability of all the required equipments for the set up of **New Born Stabilization Unit** in 9 Community Health Centres worth **54 lakh rupees**.



Computed Radio Graphic System Digital X-Ray machine in Community Health Centre Chopan was established to provide the facility of digital X-Ray to people facing issues due to road accidents worth **7.929 lakh rupees**.



For the treatment of newborn babies, there were only 12 **incubators** available in **Sick New Born Care Unit** at our district hospital due to which the doctors had to adjust 2 new born babies in 1 bed. Therefore increasing the capacity to **18 beds** worth **20.85 lakh rupees** has resolved the issue.

HEALTH

Also setting up of **independent oxygen concentrator unit** which was one of the first such facility in our district was also an innovative project much required at district hospital.



EDUCATION

- For providing an audio visual learning experience in schools, **laptops and projectors** have been purchased in each of the **20 schools** in mining affected areas worth **12.47 lakh rupees**. “**Smart Classes**” have been set up in partnership with Shivnadar Foundation.



INFRASTRUCTURE

- Due to heavy stone mining activities in **Dala and Billi/Markundi region**, there are numerous stone crusher plants in that area from where stone grit is transported to various nearby districts in Eastern UP. Passing of heavy vehicles from these bitumen roads have made the condition worse leading to road accidents and air pollution due to presence of fine particulate matter in the air.
- To overcome this situation, development of **14km of concrete cement roads** worth **4692 lakh rupees** has been completed.



ELECTRIFICATION

- Several accidents have taken place on **Varanasi Shaktinagar highway** due to transportation of a large number of heavy vehicles carrying coal, sand and stone grit everyday in the absence of electricity and have lead to heavy loss. To overcome this situation, the district administration has established **LED street lights worth 1262.50 lakh rupees over 8.8km** to minimize road accidents and theft cases.
- Also, the road leading to government engineering college churk from Varanasi Shaktinagar highway has been provided with **LED solar street lights worth 19.47 lakh rupees** which has been a relief to the students of engineering college, local people of churk and for trucks carrying heavy loads to Jaypee Cement Factory.
- Work is in progress and is expected to be completed in 2 months.



THANK YOU

Amit Kumar Singh IAS

District Magistrate Sonbhadra