



PURTI SINCHAN SAMMRUDDHI KALYANKARI SANSTHA (NGO)

Corp. office : P.V. Jamdar, Shri Motibaba Jamdar Wada, Near Jamdar Primary School, Mahal, Nagpur - 440032 (M.S.), India Ph. +91 - 9922926771
Regd. office (Postal Address) : Plot No. 4, Pratap Nagar, Wardha - 442 001 (M.S.), India Ph. +91-7152-240477, 250687, 9422142781 Fax (P.P.) +91-7152-232373

To,

Hon.....

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Tamaswada Nala Rain Water Harvesting and Conservation project (Pilot Project)
Tamaswada Nala, At Tamaswada Tal. Seloo, Dist. Wardha.(Maharashtra)

10 Oct 2010 to 5 May 2013

(Details of First Stage of 0 to 3.5 km length)

Concept : Water is Life.
Works for : Rain water Harvesting, Conservation and Ground water Recharge.
Reason : Rain water is the only source of water.
Base : Shirpur Pattern of Mr. Suresh Khanapurkar (Geologist) Dist. Dhule
Inspiration : Hon . SHRI. Nitinji Gadkari, Founder of Purti Group.
Method : work from Ridge (Origin) to Valley (Junction) is essential.
Selection of Site : Dry, Non command area is selected. Tamaswada Nalla of Tribal village Tamaswada, Tal. Selu, Dist. Wardha.
Length approx : Ridge (Tamaswada forest Hill) to valley (Dham River) about 12 km.
Villages accross : 7, Tamaswada, Masala Akoli, Jamni, Kshirsamudra, Babhulgaon, (Master Plan) Babapur,
Survey : Survey, measurment of Nala bed considering Topography, Geology, (10-10-2010 Geography, Civil Aspects, to 30-3-2011)
Preparation : L-Section, Cross Section Survey, locaton of proposed various types of Bandhara (plug) i.e. cement, Gabian, U.C.R. Earthen etc.
Awarness : Conducted meetings of Villagers and proposed benifisheirs, Farmers (within notified land of Nala) about work to do.
Work starts : April 2011 Removal of Encroachment over Nala bed. Disilting of Nala,

RAIN WATER IS ONLY SOURCE. SAVE IT - AS WATER IS LIFE.

E-mail : pvjamdar@gmail.com, purtisinchan@rediffmail.com, mkotasthanem@gmail.com



Reg. No. MAH 3182001 F - 4611

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Application of : Various Bandhara

Bed, widening of Nala bed, Deepening of Nala bed over Narrow & Shallow Bed. In short : To increase capacity to store rain water by Ten times than Previous.

Make the Pot bigger.

Application & construction of cement plug, Gabian plug, U.C.R. cement plug, Earthen plug, where requirement, strengthening of old structures (Existing), Provision of Earthen Dam at up stream side (Ridge side) to every masonry or cement plug useful for crossing Nala bed and to reduce high velocity of Runoff water, for cattells to drink water from Nala Bed.

Why to do :

- To reduce high velocity of run off rain water.
- To reduce process of silting by Runoff water.
- To Increase storage capacity of Nala bed to store more Rain water.
- To stop Flood process.
- To recharge ground water table. (Level of wells, Bore etc)

Position of Nala bed : (Before treatment)

Used to be dry in month of October,
within 15 days from end of rainy season.

Position of Nala bed : (After treatment)

2011-12 water available in Bed up to March end. water Level of wells rise about 10 to 14 feet.

2012-13 water available in Bed up to May 15 May. water Level of wells Rise about 15 to 26 feet.

Water level :

(About 27 open wells
in command)

Dry Nala bed in October, Level of wells in surrounding in month of April-May was about 20 to 40 Feet below G.L. Before Treatment.

Now water is available in Nala bed at some portion in month of April-May.

Level of wells in command of nala bed about 8 to 14 Feet from G.L. Rise in level of wells about 15 to 26 feet.

Free provision to : (lift water for thous having no well)

About 38 diesel pump were applied in crop season 2012-13 to lift water From Nala bed for irrigation. (By farmers those who are not having open well) for khariff, Rabi, & Summer crops Vegetables.

Crops :

Increase in area under cultivation (various crops) khariff, Rabi, summer, vegetable, 2011-12, 2012-13, season (Agriculture)

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Area under Cultivation.	Increase %
1. Khariff (Cotton soyabee, Toor).	20 %
2. Rabbi (Second crop) wheat , Gram	40 %
3. Summer (sugarcane, ground nut).	20 %
4. Vegetables.	10 %
5. First Time under cultivation) Area about 100 acres.(Due to flood free)	

Salient features of multi convectional Project

- Zero - land Acquisition.
- Zero - Displacement .
- Zero - Rehabilitation.
- Zero - Compensation.
- Zero - Flood .
- Towards zero migration (village to city).
- WITH,
- Free - Water available (for Recharge) to water supply Well of village.
- Free - Water available in Nala bed for cattles.
- Free - WBM Road on both bank of Nala bed prepared by Using excavated material.
- Free - conservation of nature, plants, due to water available.
- Free - Facility to lift water directly by diesel pump from Nala bed for Irrigation.

Achivement :

Increased Ground water storage, Increased Ground water table and wells, increased area under cultivation , increased cattle farming increased rural employment, reduced migration. In all remarkable increase in Income of Farmers , Agri labour . Ultimately high level of confidence in farmers due to growth of rural economy by increase in income of Farmers is achieved which will certainly stop unfortunate suicides of Farmers.

Scope of work :

Every village is situated in past on the banks of River or Nala (small river).

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- More than 90 % villages have nala location .
- Every Nala has Own Catchment area to provide or store rain Water.
- So to adopt work for Water of Village to Village & Villagers.
- Subject to do the Work from Ridge to Valley.

Appreciation by : Out Put is 100 % which is great achievement for us and very proud to say Farmers or Villagers do not created and obstacle or opposed to work. Now they are Speakers of the project actually . Also appreciated by other Farmers from outside ,also by Media, Print media.

Cost Benifit : 2011-12 • 80 % Cost Benifit is achieved compared to expenditure within first year (Agri Season), 2011-12 In from of increase in crops, Income WBM Road cost, C.D.work cost. One plug U.C.R. by local material, Gabian, Earthen, Bandhara with local material.

Ratio of project

Cost benifit Ratio, of project 2012-13 .

To be prepared at the end of may 2013 .

The cost benifit Ratio for First 2 years will be + 1.2 as compared to Expenditure done.

(for First stage of 3.5 km length completed)

Execution : First portion of Nala 0 to 300 mt + 0 to 130 mt is executed by Purti Sinchan Sammrudhi Kalyankari Sanstha (N.G.O.). Work of supervision over 3.5 km. length . Provision of UCR plug, Gabian plugs, Earthen plug WBM Roads for Farmers, Disilting, work is done by NGO Purti Sinchan. Also strengthing of old structure (Existing). One cement plug is executed by minor irrigation (ZP) Wardha & rest six cement plugs and works are executed by office of Minor Irrigation Local sector, Nagpur Circle, by using local developement funds from Mp. (Rajya Sabha) & MLC of Maharashtra.

(Cost of work depends upon Location, Topography, Geology and Civil aspects)

(It may vary at every location.)

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- Our Hopes :** Such type of project can be executed by sponsorship of Hon. Person Institutes, Industries, N.G.O. which can help to stop suicides of Farmers and to make strong rural economy of Agro dominated India.
- Appeal :** Please adopt one village or one Nala to execute above said project for Farmers & Rural Locality and Community.

Thanking you.

Wardha
Dt.

(Prabulla Datta V. Jamdar)

President

Project Head

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Jamdar Primary School, Mahal Nagpur

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Madhao G. Kotasthanem

Secretary

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THEME : WATER IS LIFE

Rain Water is the only Source. Save & Conserve it-It will save us.

∴ FOR THAT ∴

GROUND WATER RECHARGE ACTIVITY/WORK

∴THROUGH ∴

TAMASWADA PATTERN (TP) NALLA TREATMENT

∴ PROJECT ∴

RAIN WATER HARVESTING, CONSERVATION & GROUND WATER RECHARGE

∴ FOR ∴

PRESERVATION & CONSERVATION OF NATURAL & TRADITIONAL WATER BODIES.

ALSO MOST VALUABLE ENVIRONMENT & NATURE

ULTIMATELY

REJUVENATION AND RESTORATION OF WATER BODIES WITH CONTRIBUTION TO GROUND WATER RECHARGE & STORAGE CAPACITY



THEN



NOW



Date12/04/2008



Date06/02/2014

STEPS TOWARDS IMPROVED CONDITION OF ENVIRONMENT, NATURE, RURAL ECONOMY, LIFE STYLE OF VILLAGE & VILLAGERS, ORGANIC & MINIMUM POLLUTION AGRICULTURE ACTIVITY MILK PRODUCTION GREENERY & MEAT PRODUCTION. DUE TO EFFECTIVE GROUND WATER RECHARGE IN TRIBAL VILLAGE TAMASWADA TAH. SELU, DISTT. WARDHA, STATE MAHARASHTRA, INDIA



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: Success Story :

: Tasalwada pattern (T.P.) Nalla Treatment : Year 2010 to year 2017

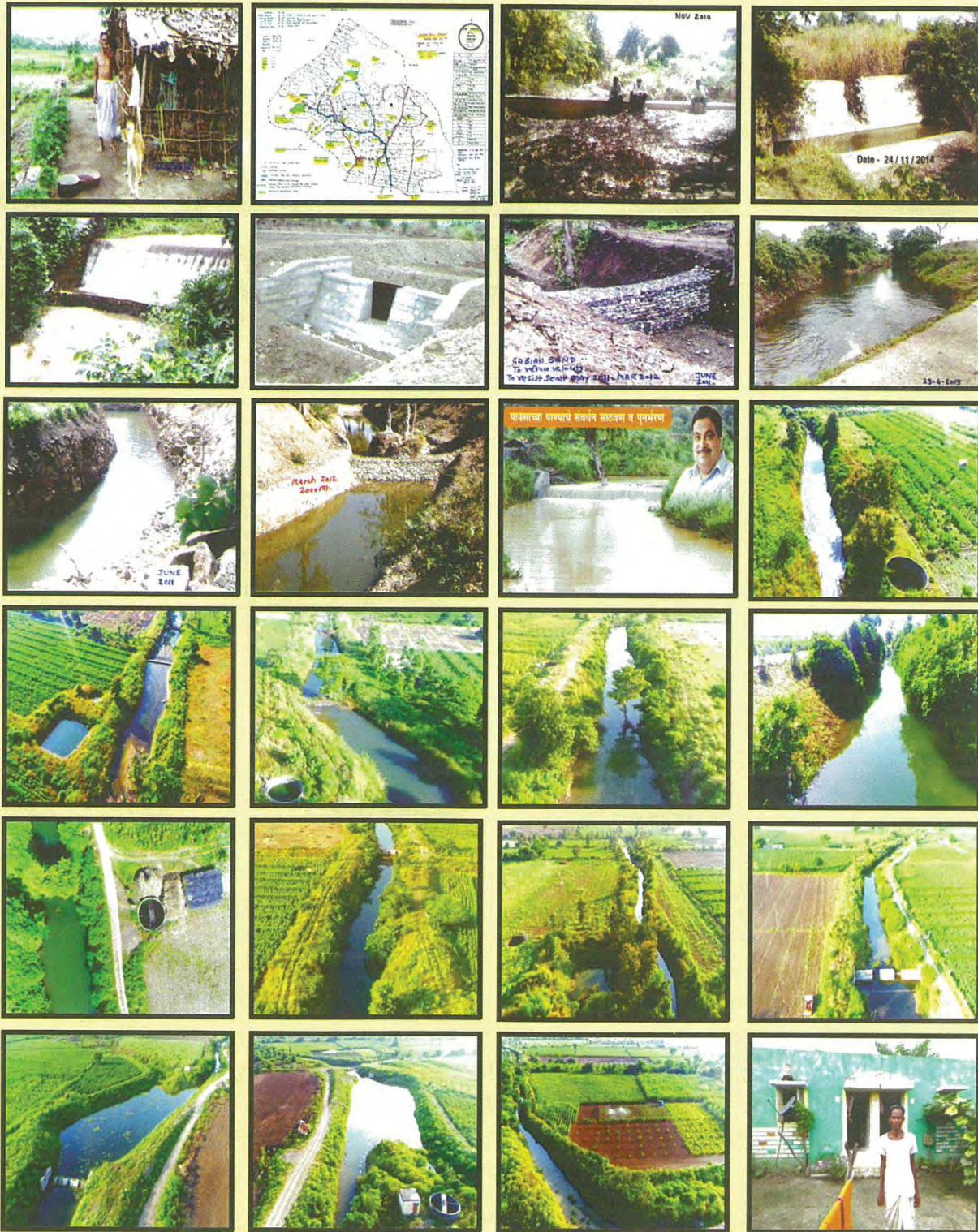
Oct 2010 to 31 Oct 2017

Rain Water Storage after Treatment 2010-2011-2012 '0' to 12 km " Ridge to Valley "

Ridge : Tamaswada Forest Hill

Valley : Dham River

(Objective : Ground water Recharge)



VILLAGE : TAMASWADA , MASALA, AKOLI, JAMNI , KSHIRSAMUDRA, BABHULGAON-BABAPUR-DHAM RIVER

TAH. SELU, DIST. WARDHA, VIDARBH REGION, STATE MAHARASHTRA, INDIA.

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