

**REGIONAL WORKS SHOP FOR JNNURM AT
LUCKNOW ON 01/05/2013**



**WATER SUPPLY PROJECTS OF
JNNURM UNDER EXECUTION IN
JHARKHAND**

Umesh Mehta
Joint Secretary (Mgt)
Drinking Water & Sanitation
Department, Govt. of Jharkhand.

STATUS OF DHANBAD URBAN WATER SUPPLY SCHEME (JNNURM).

•Estimated Cost:	Rs. 365 Cr.
•Agreement Value:	Rs. 298 Cr
•Name of Agency	M/s. L & T Channai
•Date of Agreement:	13/5/2011
•Time of Completion:	25 Months
•Overall Physical Progress:	65%
•Upto date Expenditure:	Rs. 136.06 Cr.
•Overall Financial Progress:	46%
•Expected date of completion:	December' 14

PROGRESS OF MAIN COMPONENTS

Intake Well at Dhanbad:	55%
Water Treatment Plant at Dhanbad:	27%
Intake Well at Sindri:	92%
Water Treatment Plant at Sindri:	92%
Rising & Distribution Pipe:-	71%
Underground Sumps (2nos.):	60%
Overhead Towers (36 nos.):	30%

MAIN HURDLES:

- Bill of Agency amounting 52.00 crore pending - 4 months
- Land for WTP at Jamadoa delay- 16 months
- Land for 12 nos. of Tower delay- 4 months
- Land for 18 nos. of Tower delay- 9 months
- Land for 1 no. Tower not yet available
- Land for Sump at Siyalgudri delay- 12 months

WTP Sindri under progress



Work in progress at Pump House Bhelatand



CWR-1 cum Pump House at Siyalgudri



Work in Progress at Jamadoba Intake Location



Intake Well & Gangway at Sindri



ELSR-1, BIT



ELSR-2, Rangamati

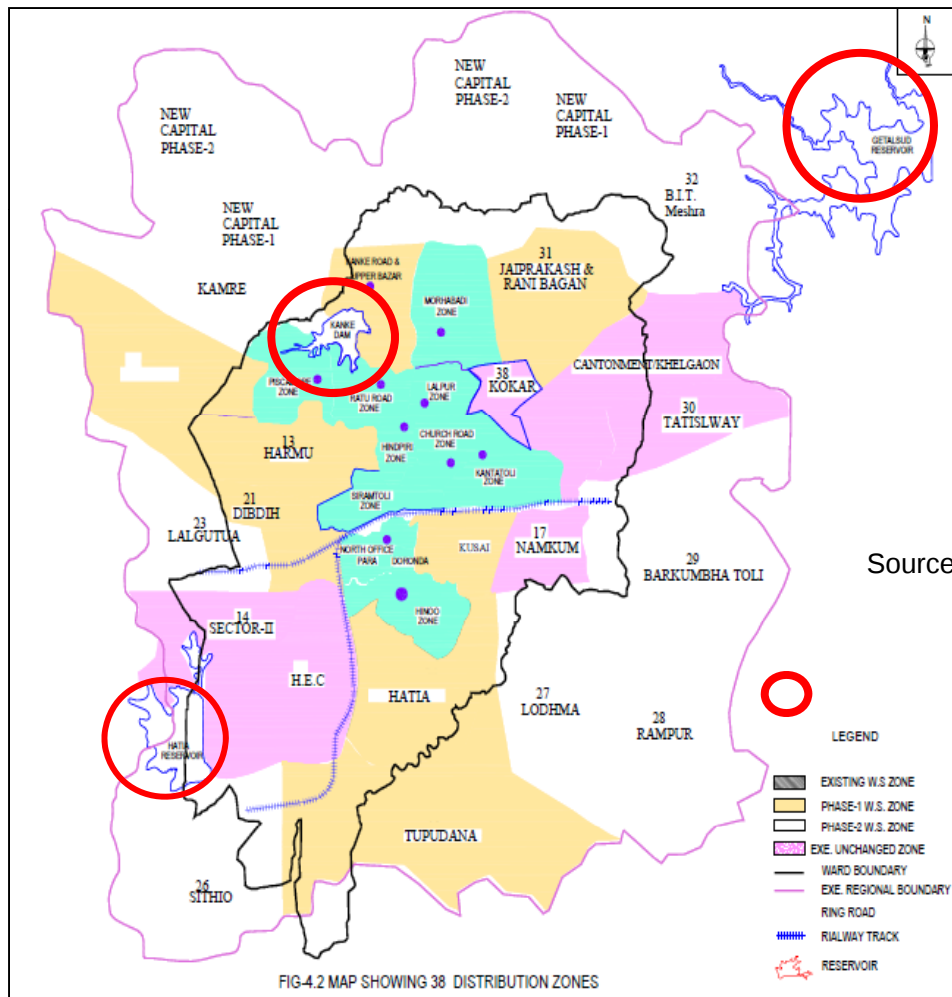


STATUS OF RANCHI URBAN WATER SUPPLY SCHEME (JNNURM).

•Estimated Cost:	Rs. 288.34 Cr.
•Agreement Value:	234.71 Cr
•Name of Agency	M/s. IVRCL Ltd., Hydrabad.
•Date of Agreement:	15/3/2010
•Time of Completion:	30 Months
•Overall Physical Progress:	50%
•Time extension granted up to	30.11.2013
•Up to date Expenditure:	Rs. 102.00 Cr.
•Overall Financial Progress:	43%
•Expected date of completion:	June'14

Context

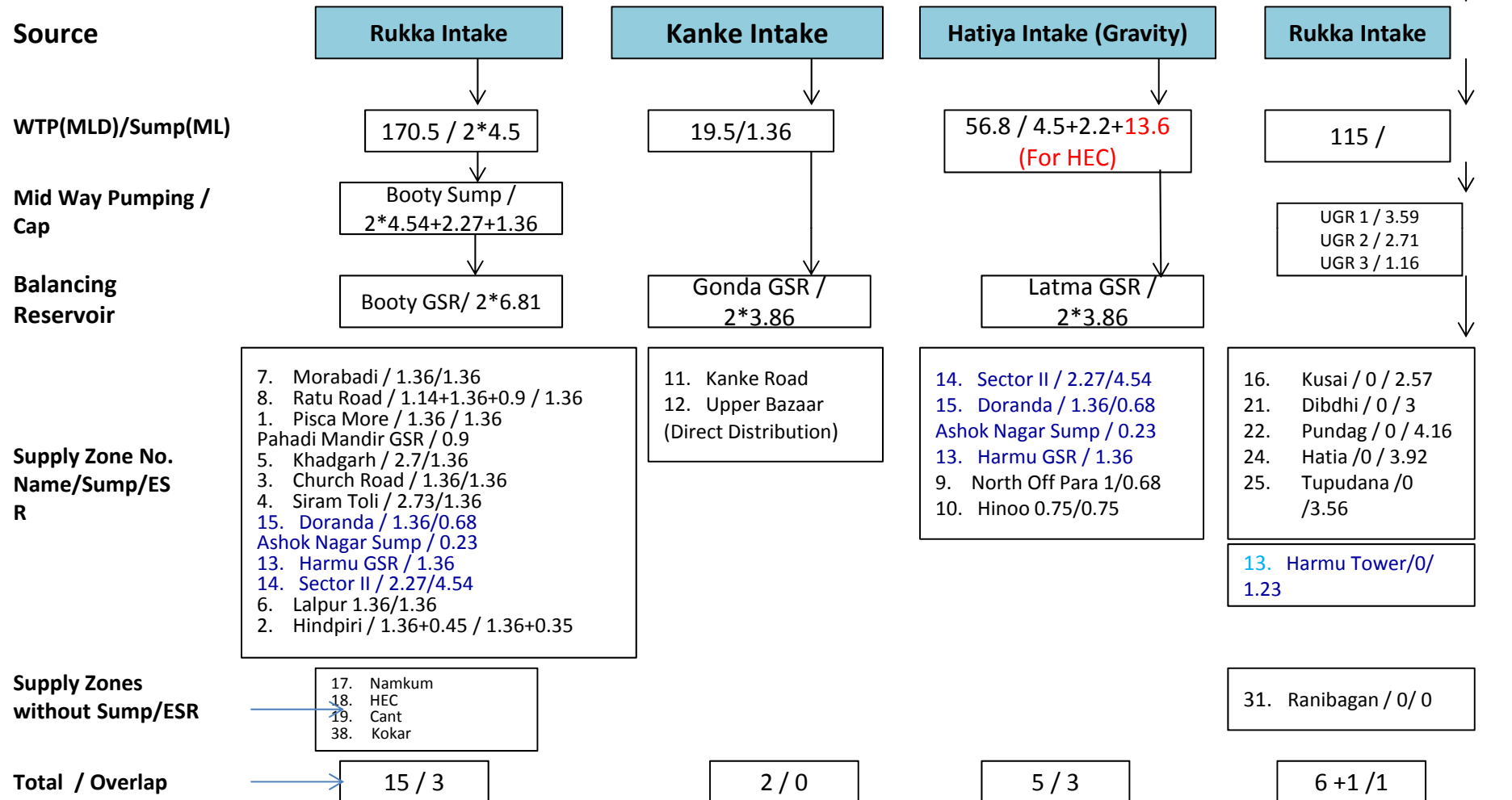
– RMC limits, institutional set-up and water supply served areas



- RMC
 - 175 sq.km, 55 wards, 1.05 mn. (2011 Prov.)
- Present Institutional Set-up
 - RMC – Connections, billing and collection
 - DWSD – Planning, Execution and O&M
 - UDD – Funding under JNNURM
- Water Supply
 - Sources – Hatia, Kanke and Rukka
 - JNNURM Project ~ Rs. 375 crore*
 - **Served Areas to be covered in PPP** - Existing served area + ongoing JNNURM project - 26 Zones

* Revised Estimates provided by DWSD/RMC

Schematic of existing Water supply



PROGRESS OF MAIN COMPONENTS

Water Treatment Plant:	60%
Intake Well:	15%
Rising Pipe:	38%
Distribution Pipe:	32%
Underground Sumps (3 nos.):	2nos. under construction- 50%
Overhead Towers (6 nos.):	5nos. under construction- 38%

MAIN HURDLES:

- 83 KMs pipe laying delay due to NOC from NHAI/JRDCL/NH (29 months)
- NOC from JSEB for Tower at Kusai pending from June'12
- Progress of the work not satisfactory
- Several reminders given to agency.
- Show cause notice has also been issued
- Still no satisfactory improvement.

114 MLD CAPACITY WATER TREATMENT PLANT AT RUKKA



CHEMICAL STORE & HOUSE



FLASH MIXER



FILTER HOUSE



AREATOR



CLR-1

CLR-2



CLR-3

CLR-2&3

FORMATION OF APPROACH ROAD AND COFFERDAM AT RUKKA



CONNECTING CHANNEL FROM AERATOR TO FLASHMIXER





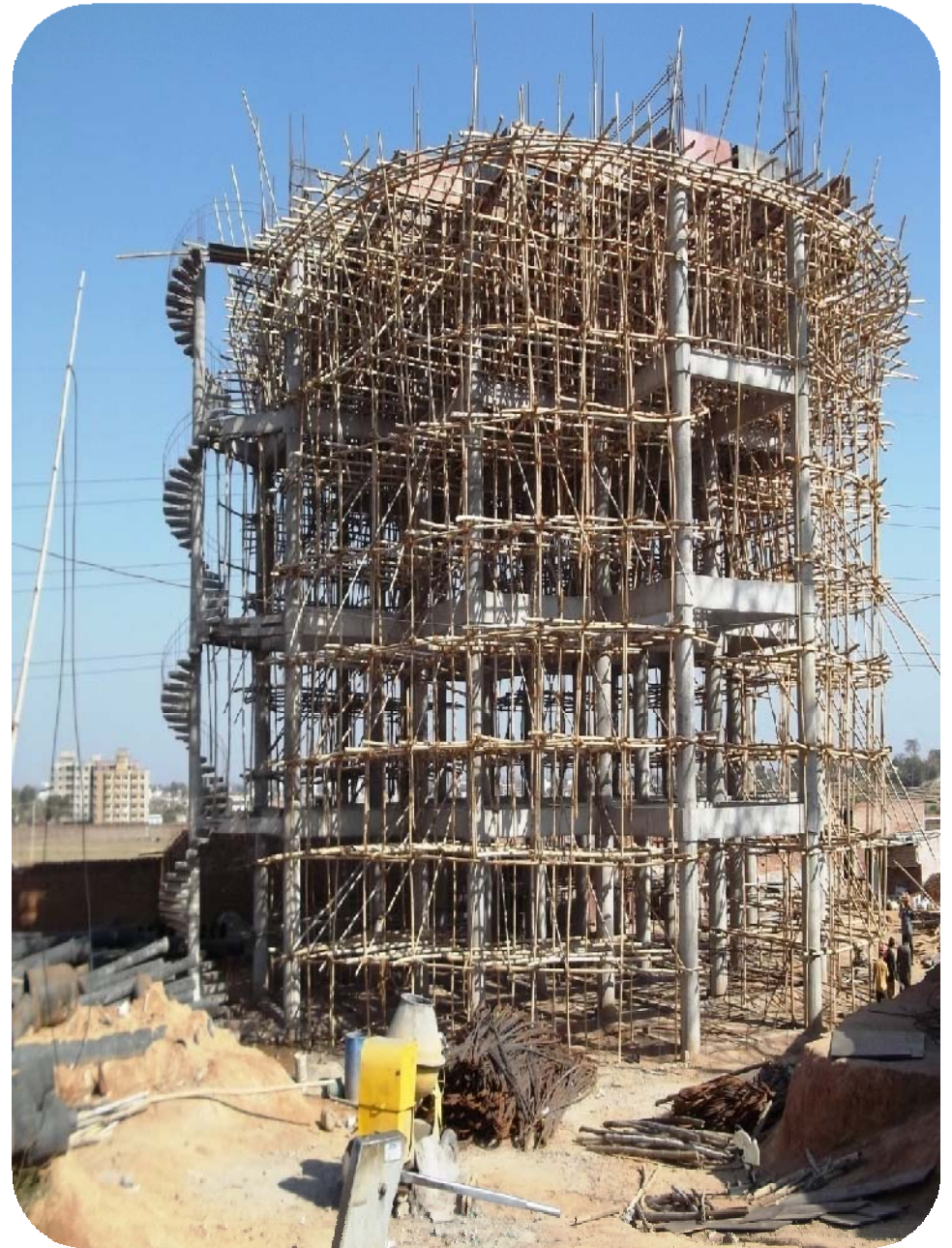
DI Pipeline works of Distribution



ELEVATED SERVICE RESERVOIRS



PUNDAG-4.16ML CAPACITY & 24M STAGGING



DIBDIH-3.00ML CAPACITY & 16M STAGGING

2.71 ML CAPACITY UGR @ LALGUTWA





1.23 ML CAPACITY HARMU Tower



3.00 ML CAPACITY DIBDIH ESR



3.00 ML CAPACITY DIBDIH ESR

ELEVATED SERVICE RESERVOIRS AS ON 31.03.2013



3.00 ML CAPACITY ESR @DIBDIH



4.16 ML CAPACITY ESR @PUNDAG



1.23 ML CAPACITY ESR @HARMU



2.56 ML CAPACITY ESR @TIPUDANA

3.59 ML CAPACITY UGR @ KANKE



AS ON 31.03.2013

ELECTRO MECHANICAL SUPPLY ITEMS



;kstukvksa ds fØ;kUo;u esa dfBukbZ;kj ,oa funku dk izLrko

- ❖ 'kgjh tykiwfrZ ;kstukvksa esa Mh0ih0vkj0 cukus ds fy, ijke'khZ dk p;u uxj fodkl foHkkx ds }kjkA
- ❖ is;ty ,oa LoPNrk foHkkx dk dksbZ fu;a=.k ughaA
- ❖ 'kgjh tykiwfrZ ;kstuk esa fuf/k dk vkoaVu uxj fodkl foHkkx ds }kjkA
- ❖ jkf'k foeqfDr dbZ fdLrksa esa ftlds dkj.k ;kstuk ds fØ;kUo;u esa foyEcA
- ❖ **Codal Provision** ds dafMdk 437 ds vuqlkj ,deqLr jkf'k miyC/k dj;k tkukA

;kstukvksa ds fØ;kUo;u esa dfBukbZ;kj ,oa funku dk izLrko

❖ ;kstukvksa esa Hkwfe vf/kxzg.k] óksr rFkk ikbZi fcNkus ds dk;Z gsrq **NOC** izkIr djus esa dkQh foyEcA

1. **PWD**

2. **NH**

3. **NHAI**

4. **Forest**

5. **JSEB a**

6. **Railway**

❖ ftyk Lrj ij mik;qDr dh v/;{krk esa **Task force** ds xBu dk izLrkoA

❖ mik;qDr dks **NOC** nsus dh lkjh 'kfDr;kWa nh tk;A

;kstukvksa ds fØ;kUo;u esa dfBukbZ;kj ,oa funku dk izLrko

- ❖ 'kgjh tykiwfrZ ;kstukvksa us **O&M** ds fy, dksbZ jkf'k dk izko/kku ughaA
- ❖ 'kgjh tykiwfÙkZ ;kstukvksa dk gLrkukUrj.k LFkkuh; uxj fudk; ds }kjk ugha fy;k tkukA
- ❖ 'kgjh tykiwfÙkZ ;kstukvksa ds j[k&j[kko gsrq fuf/k LFkkuh; uxj fudk; }kjk miyC/k ugha dj;k tkukA
- ❖ 'kgjh tykiwfÙkZ ;kstukkksa dk j[k&j[kko **PPP mode** ij fd, tkus dk izLrkoA

THANK

YOU