

WATER SUPPLY FLOW DIAGRAM CATALOGUE

Municipalities of Gujarat

V02, 2012-13



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Urban Management Centre (UMC)

The Urban Management Centre (UMC) is a not-for-profit organization based in Ahmedabad, Gujarat, working towards professionalizing urban management in India and South Asia. UMC provides technical assistance and support to Indian state local government associations and implements programs that work towards improvement in cities by partnering with city governments.

UMC builds and enhances the capacity of city governments by providing much-needed expertise and ready access to innovations on good governance implemented in India and abroad. UMC is a legacy organization of International City/County Management Association (ICMA) and hence is also known as ICMA-South Asia.

www.umcasia.org

Performance Assessment System (PAS)

PAS, a five-year action research project, has been initiated by CEPT University with funding from the Bill and Melinda Gates Foundation. PAS aims to develop better information on water and sanitation performance at the local level to be used to improve the financial viability, quality and reliability of services.

It will use performance indicators and benchmarks on water and sanitation services in all the 400-plus urban areas of Gujarat and Maharashtra. UMC and the All India Institute of Local Self Governance are CEPT's project partners in Gujarat and Maharashtra, respectively.

More details are available on www.pas.org.in.

ABOUT THIS CATALOGUE

This catalogue displays graphical flow diagrams of water supply network of 159 municipalities of Gujarat. These flow charts have been created based on discussions with municipal technical staff. The intention of creating these flow diagrams is to schematically understand the water supply network in each city. As can be seen, these vary from city to city.

The diagrams show dependence of the city on different water sources, flow to the water treatment plants (WTP), water distribution stations (WDS Sumps/ elevated service reservoir or higher ground level reservoir with their respective capacities in lakh litres) up to the consumer end.

Each flow diagram also estimates water production at source, average daily quantity of water supplied at consumer end and the total water loss occurring in the water supply system. These data are sourced from the information collected under the PAS program by UMC team. The database for the year 2008-09 and 2012-13 has been used. This is an updated version.

The catalogue is organised alphabetically and its corresponding city class is mentioned as well.

While, UMC has taken steps to ensure that the data represented here is correct and updated as said by the ULBs. UMC has not conducted any ground-level verification.



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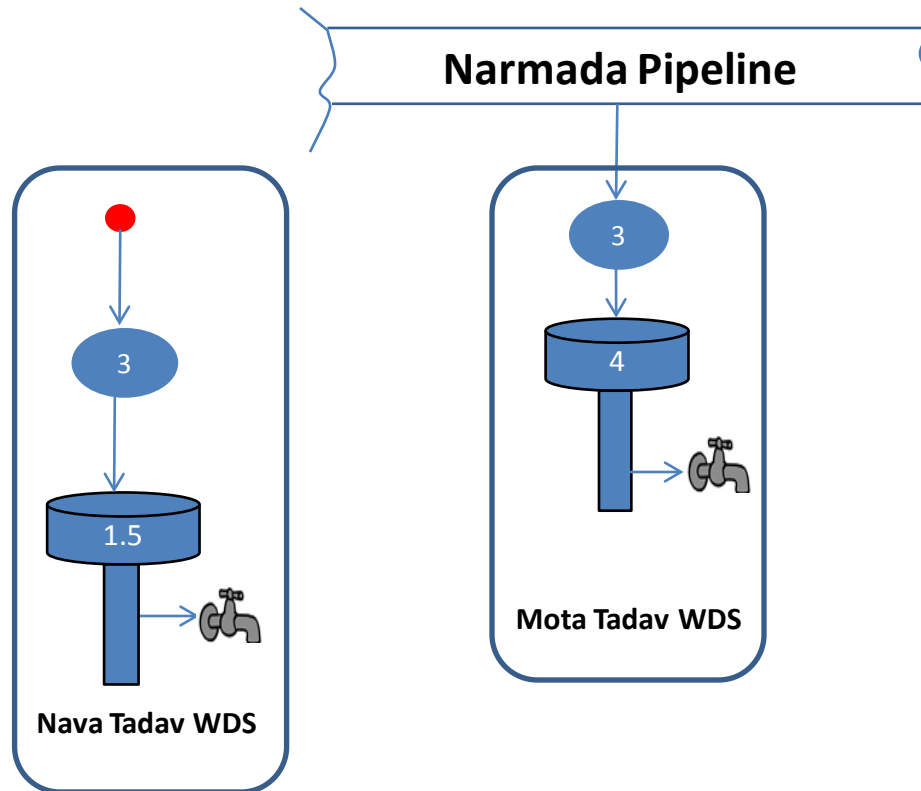
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Amod Municipality (Class-D)



WATER LOSS

Water Production at Source: 24.00 Lakh Litres/Day

Water Estimated consumption quantity: 16.40 Lakh Litres/Day

Estimated Total Loss: 7.60 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



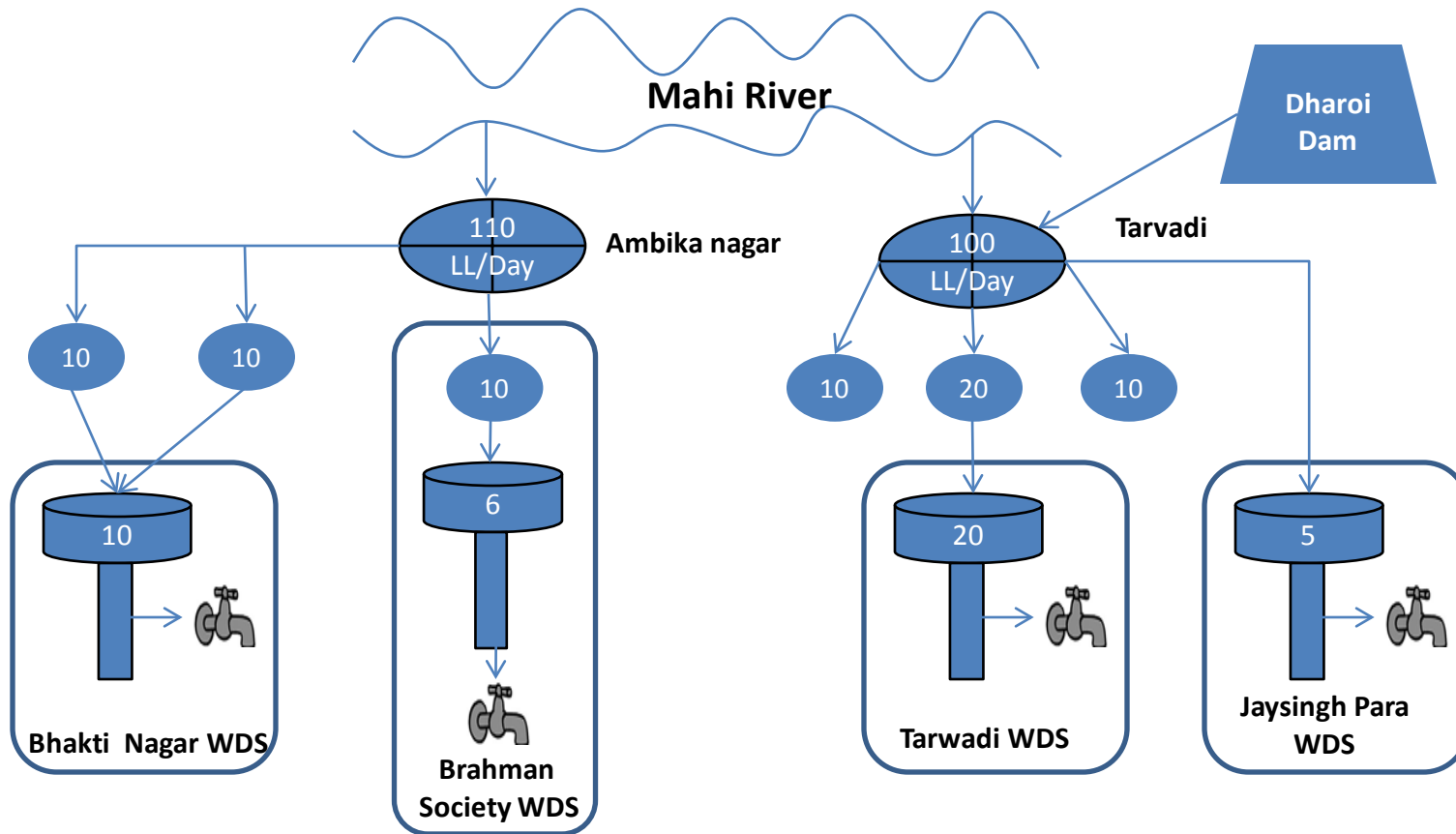
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Amreli Municipality (Class-B)



WATER LOSS

Water Production at Source: 155.00 Lakh Litres/Day

Water Estimated consumption quantity: 133.10 Lakh Litres/Day

Estimated Total Loss: 21.90 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



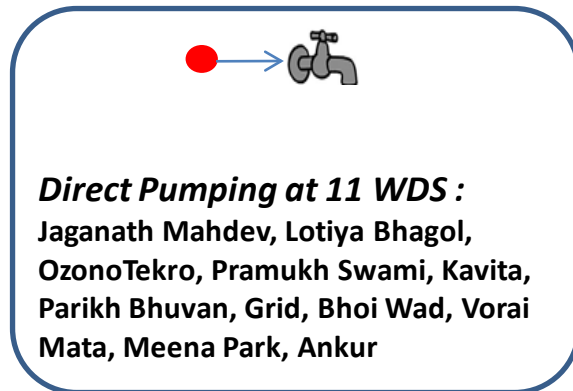
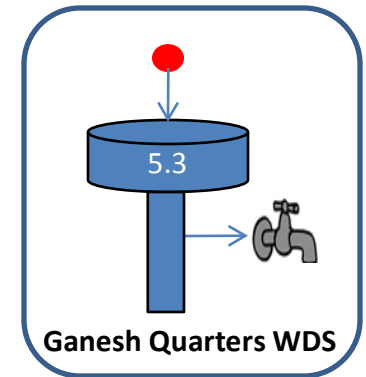
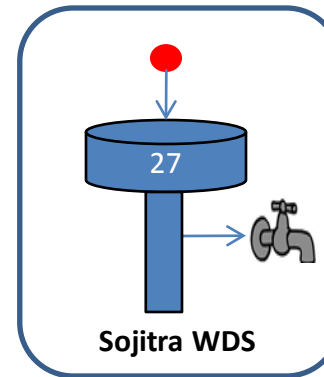
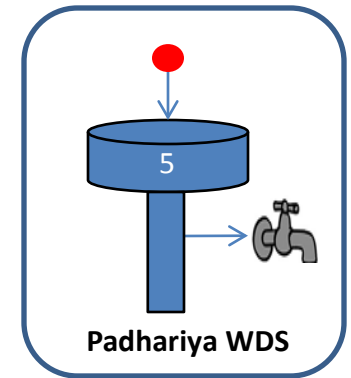
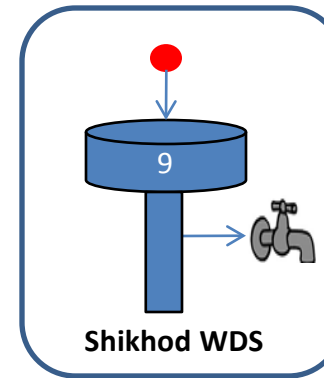
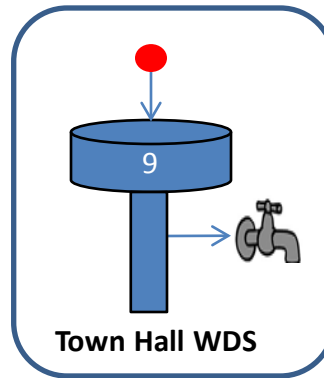
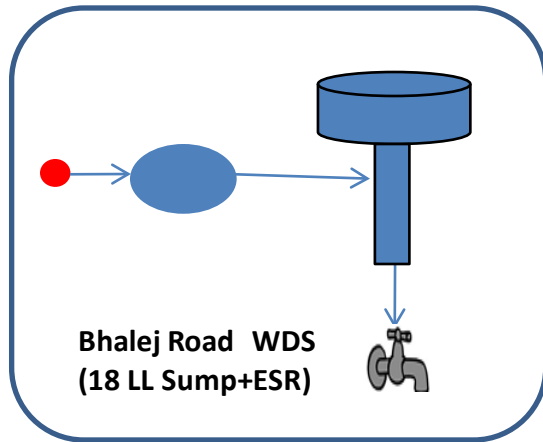
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Anand Municipality (Class-A)



WATER LOSS

Water Production at Source: 192.00 Lakh Litres/Day

Water Estimated consumption quantity: 165.50 Lakh Litres/Day

Estimated Total Loss: 26.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



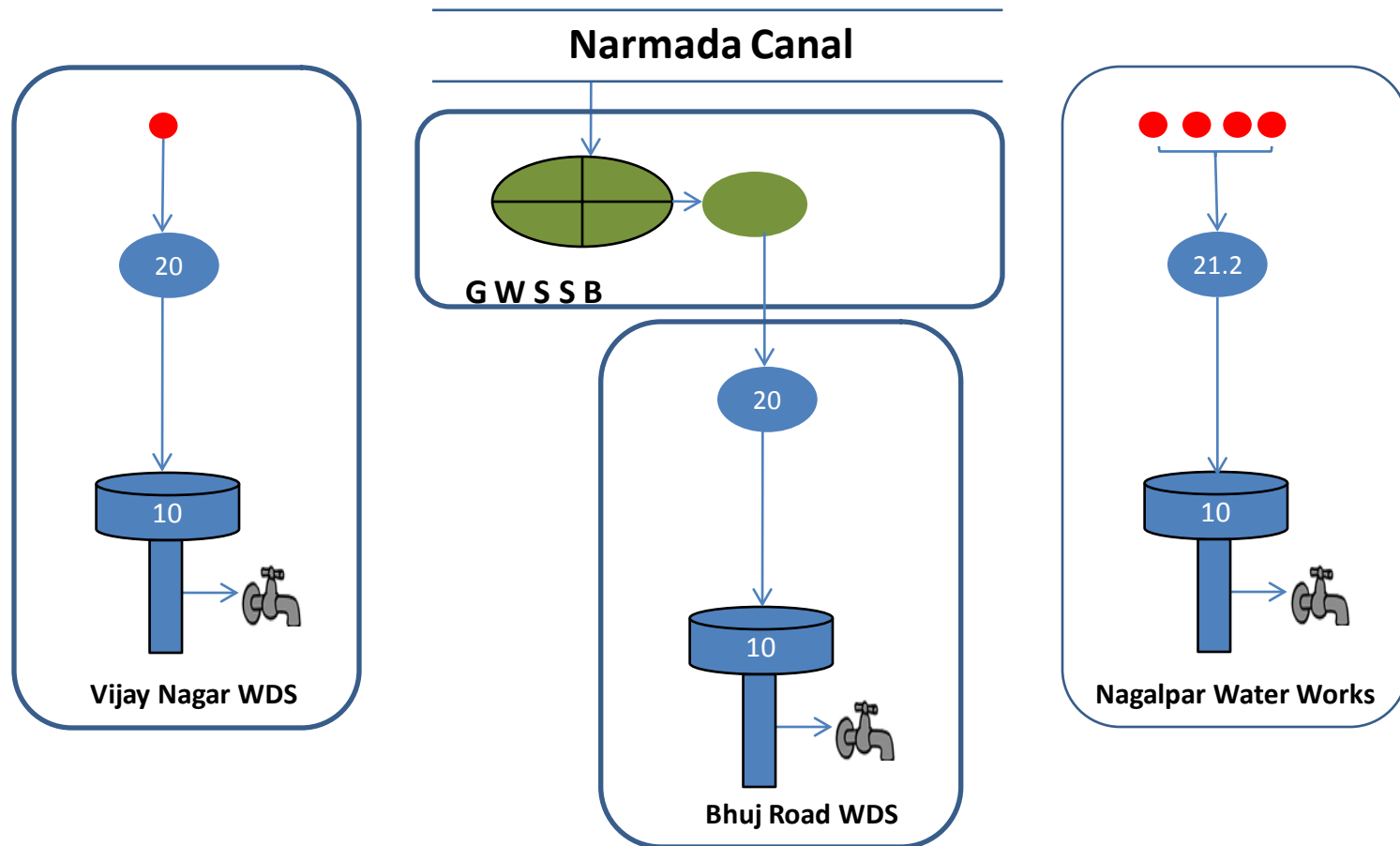
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Anjar Municipality (Class-B)



WATER LOSS

Water Production at Source: 85.00 Lakh Litres/Day

Water Estimated consumption quantity: 78.20 Lakh Litres/Day

Estimated Total Loss: 6.80 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



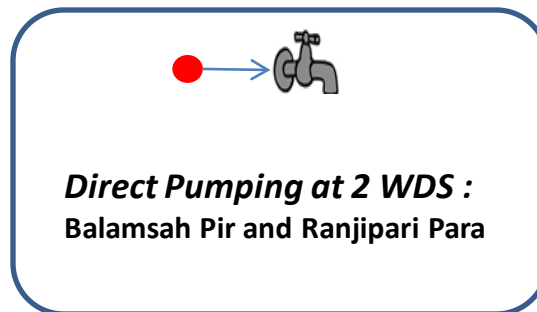
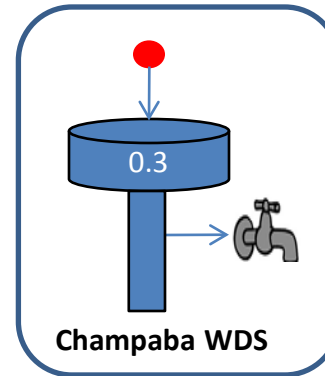
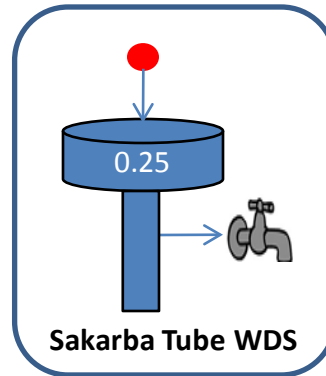
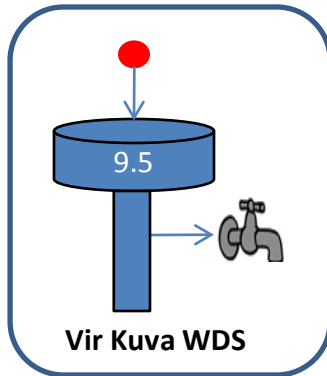
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Anklav Municipality (Class-D)



WATER LOSS

Water Production at Source: 40.10 Lakh Litres/Day

Water Estimated consumption quantity: 28.75 Lakh Litres/Day

Estimated Total Loss: 11.35 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



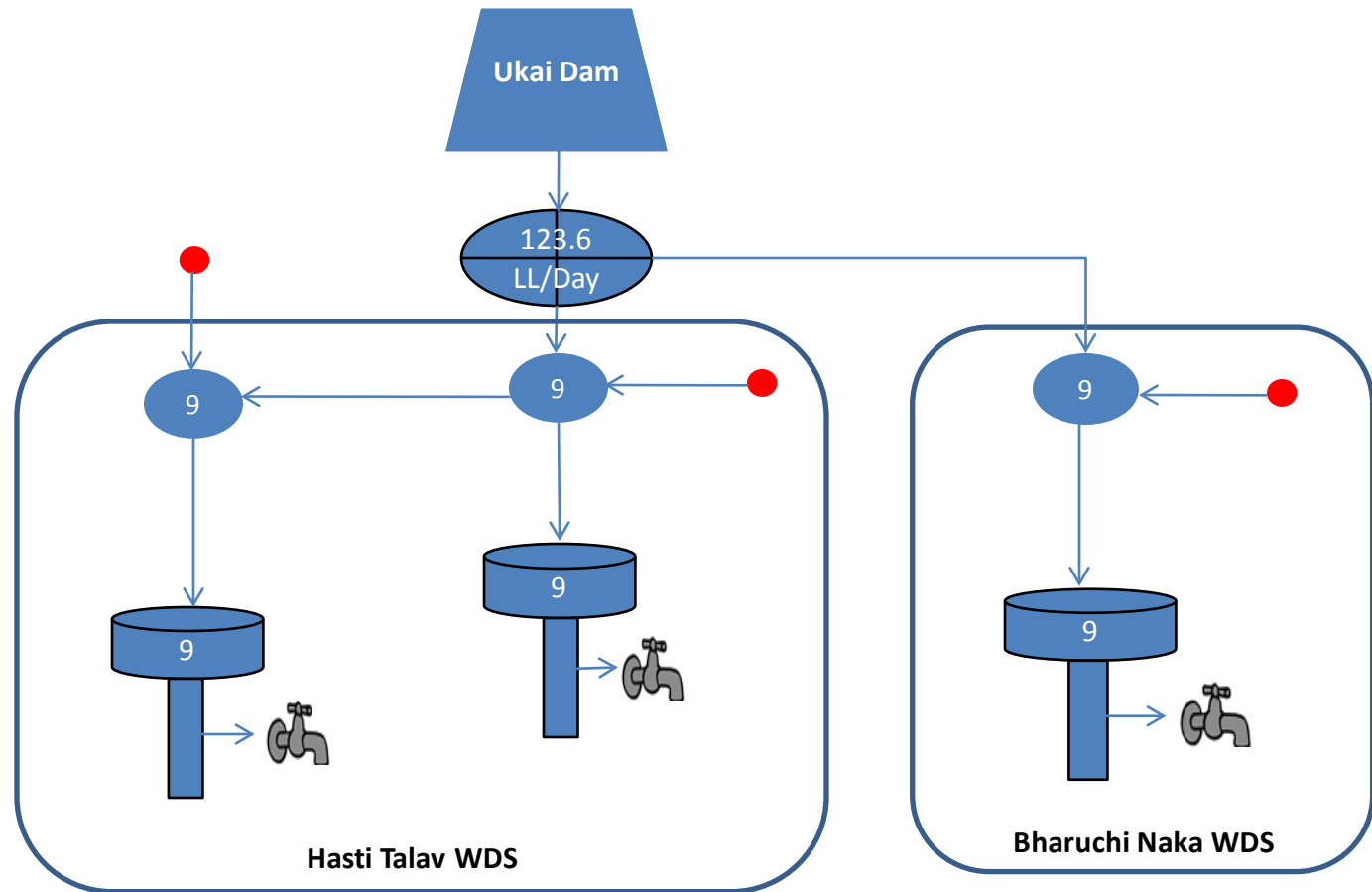
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Ankleshwar Municipality (Class-B)



WATER LOSS

Water Production at Source: 110.00 Lakh Litres/Day
 Water Estimated consumption quantity: 98.53 Lakh Litres/Day
 Estimated Total Loss: 11.47 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



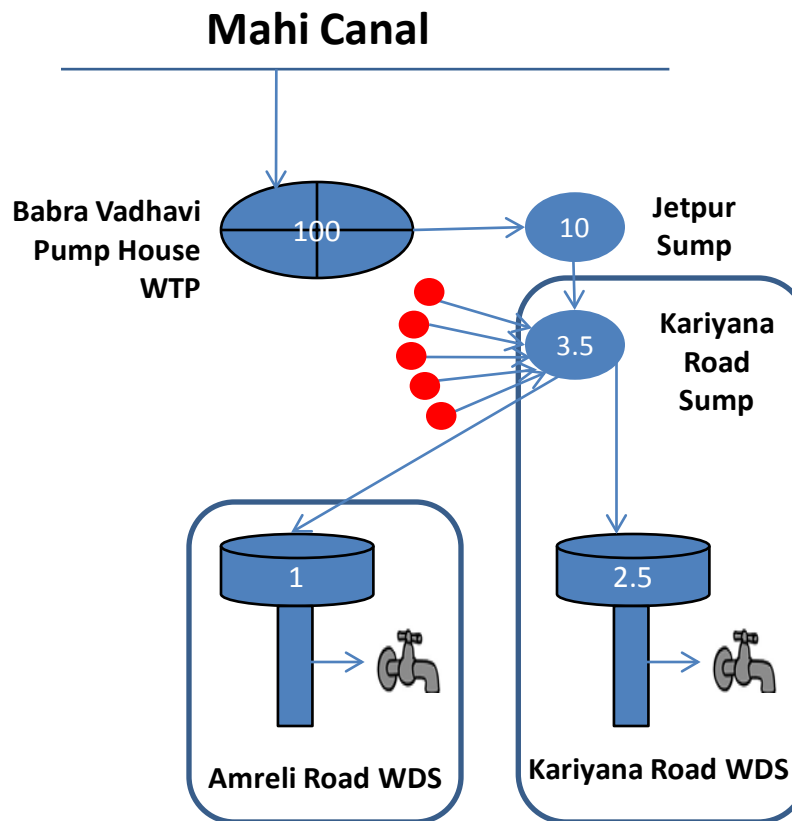
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Babra Municipality (Class-D)



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day

Water Estimated consumption quantity: 16.80 Lakh Litres/Day

Estimated Total Loss: 3.20 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



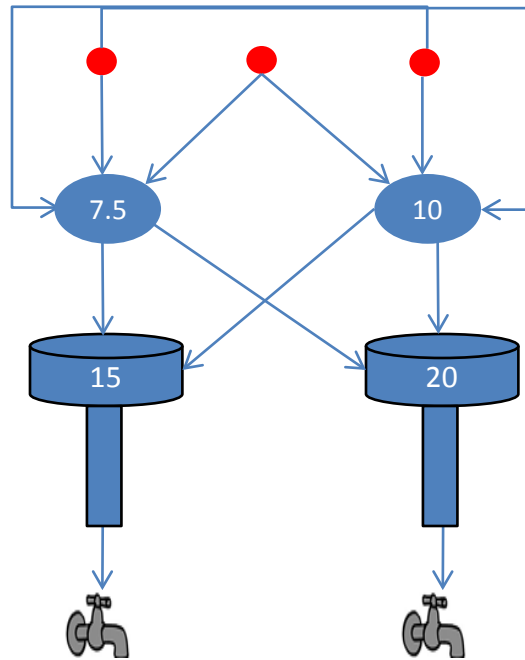
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bagsara Municipality (Class-C)



Jetpur road WDS



Direct Pumping at 7 WDS:
Natvar Nagar, Mangali Chowk,
Nadi Para, Meghani Nagar, Jim
para, Bhangi Vas, Ganga Maiya

WATER LOSS

Water Production at Source: 35.00 Lakh Litres/Day

Water Estimated consumption quantity: 24.90 Lakh Litres/Day

Estimated Total Loss: 10.10 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



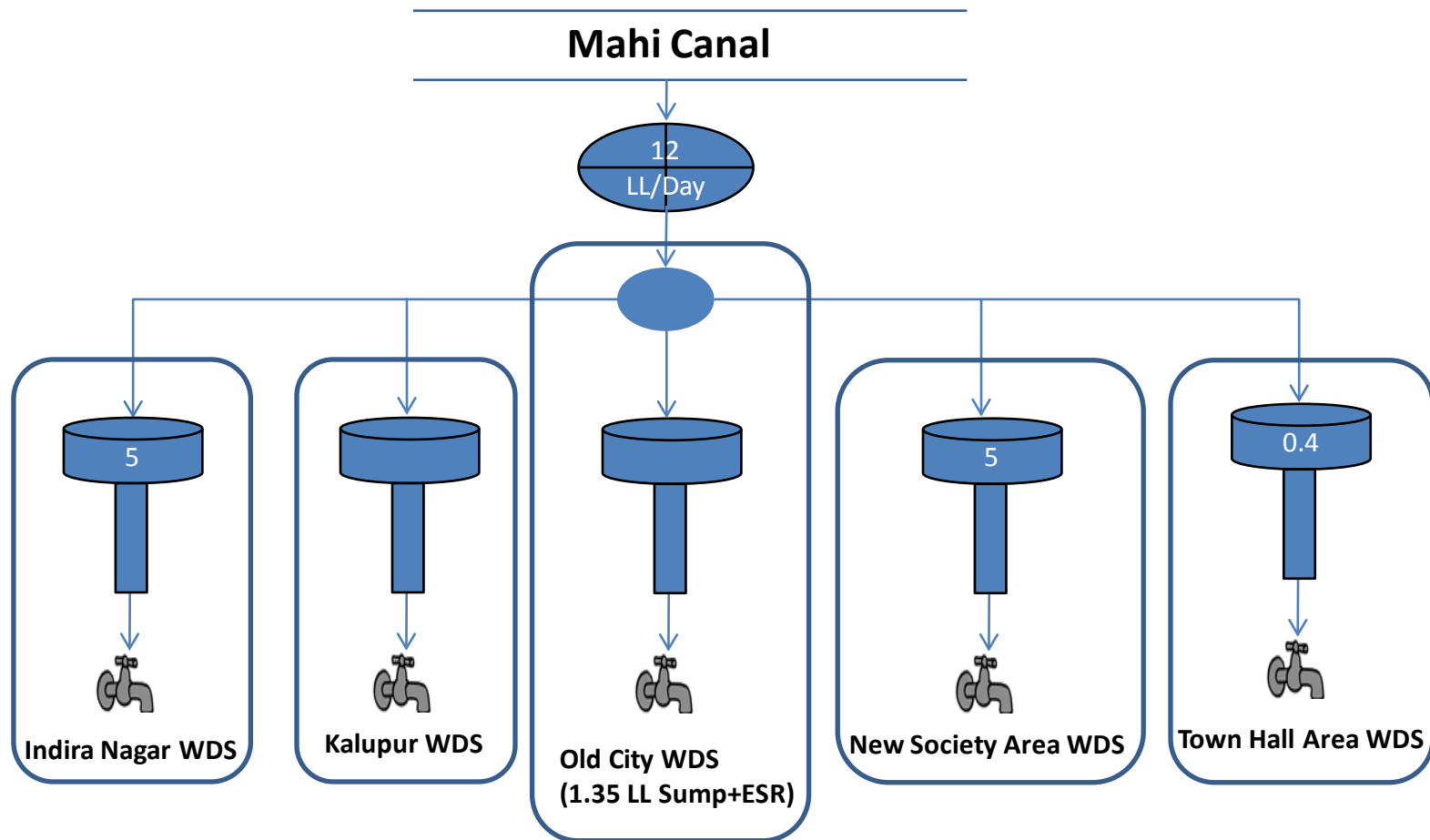
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Balasinor Municipality (Class-C)



WATER LOSS

Water Production at Source: 42.00 Lakh Litres/Day

Water Estimated consumption quantity: 34.92 Lakh Litres/Day

Estimated Total Loss: 7.08 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



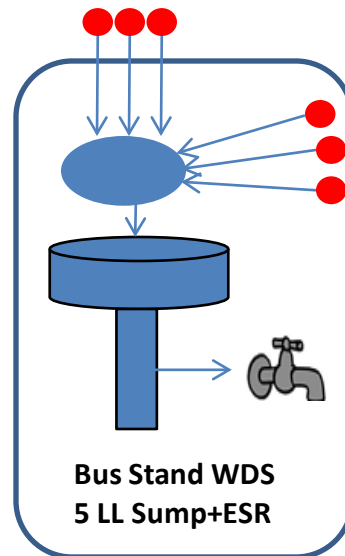
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bantawa Municipality (Class-D)



WATER LOSS

Water Production at Source: 13.00 Lakh Litres/Day

Water Estimated consumption quantity: ND

Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



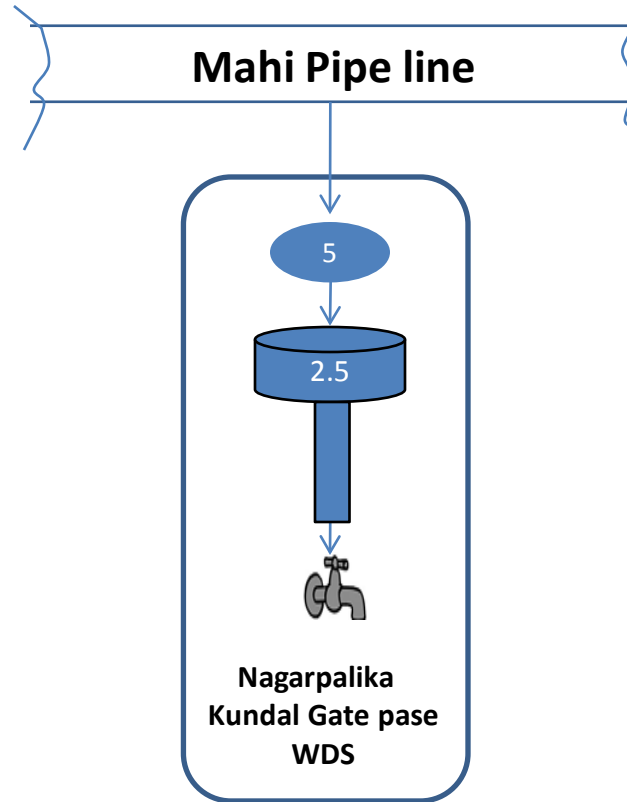
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Barvala Municipality (Class-D)



WATER LOSS

Water Production at Source: 12.50 Lakh Litres/Day

Water Estimated consumption quantity: 9.80 Lakh Litres/Day

Estimated Total Loss: 2.70 Lakh Litres/Day



WTP

11

Bore/
TubeWell/Open
Well



Sump



ESR



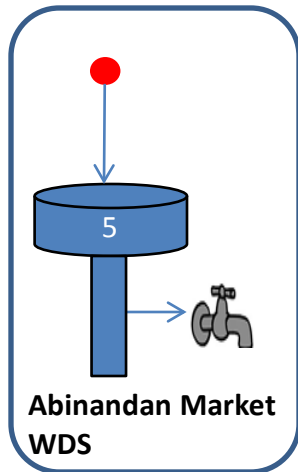
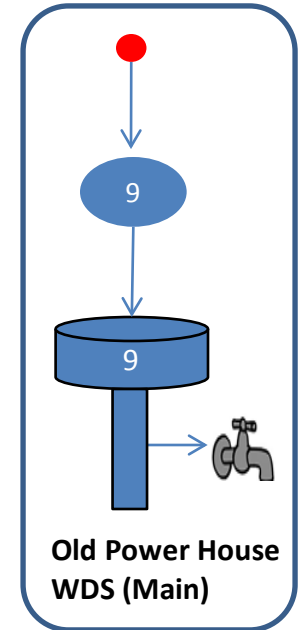
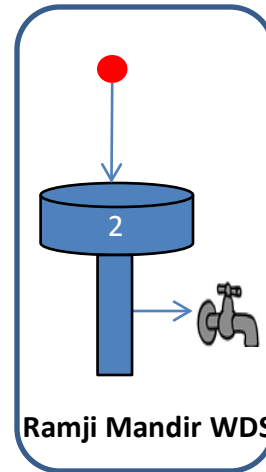
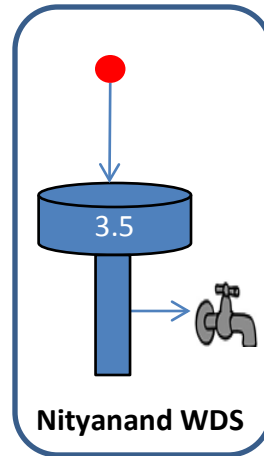
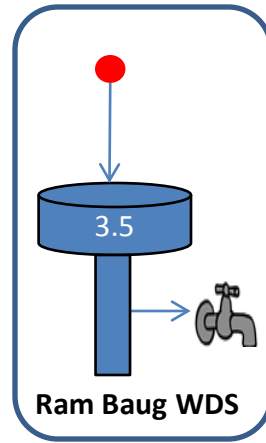
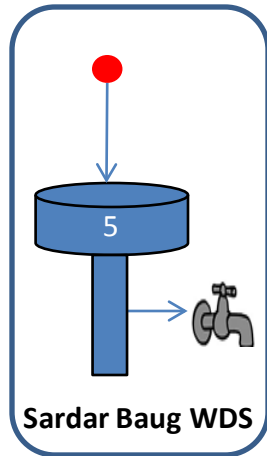
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Bardoli Municipality (Class-B)



Direct Pumping at 12 WDS

Nr. Railway Stn Municipality Bore, Luhar Faliya Bore, Rang Upvan Bore, Bharvad Vasahat Bore, Hudko Society Bore, Navdurga Society Bore, Gayatri Society Bore, Bhuneshwary Baug, Bore Shradhdha Bore, Akshanagar Bore, Kaan Faliya Bore

WATER LOSS

Water Production at Source: 77.00 Lakh Litres/Day

Water Estimated consumption quantity: 68.50 Lakh Litres/Day

Estimated Total Loss: 8.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



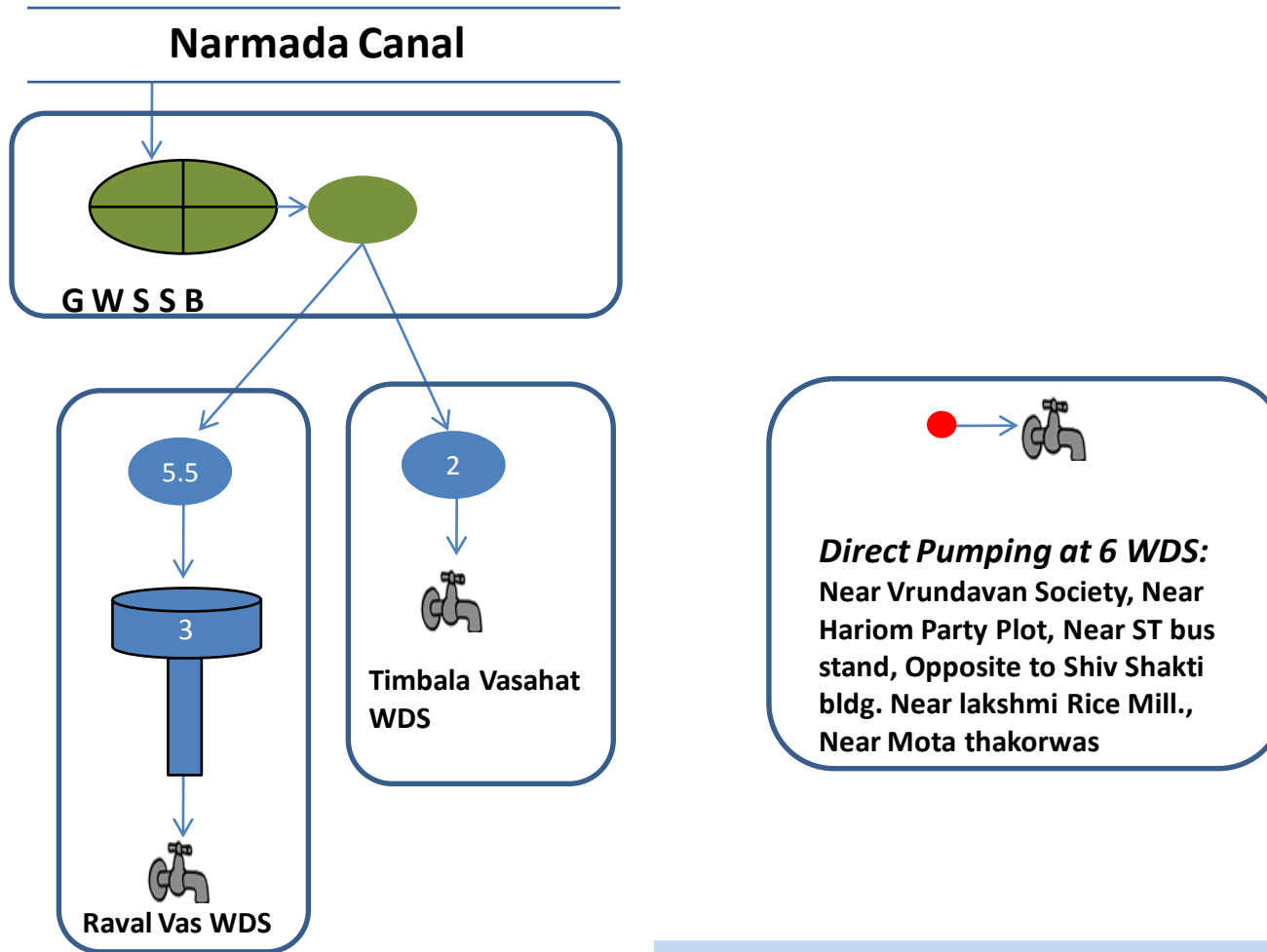
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Consumer End

All units are in Lakh Litres ; As on 2012-13

Bareja Municipality (Class-D)



WATER LOSS

Water Production at Source: 35.00 Lakh Litres/Day

Water Estimated consumption quantity: 25.10 Lakh Litres/Day

Estimated Total Loss: 9.90 Lakh Litres/Day



WTP



Bore/
Tube Well/Open
Well



Sump



ESR



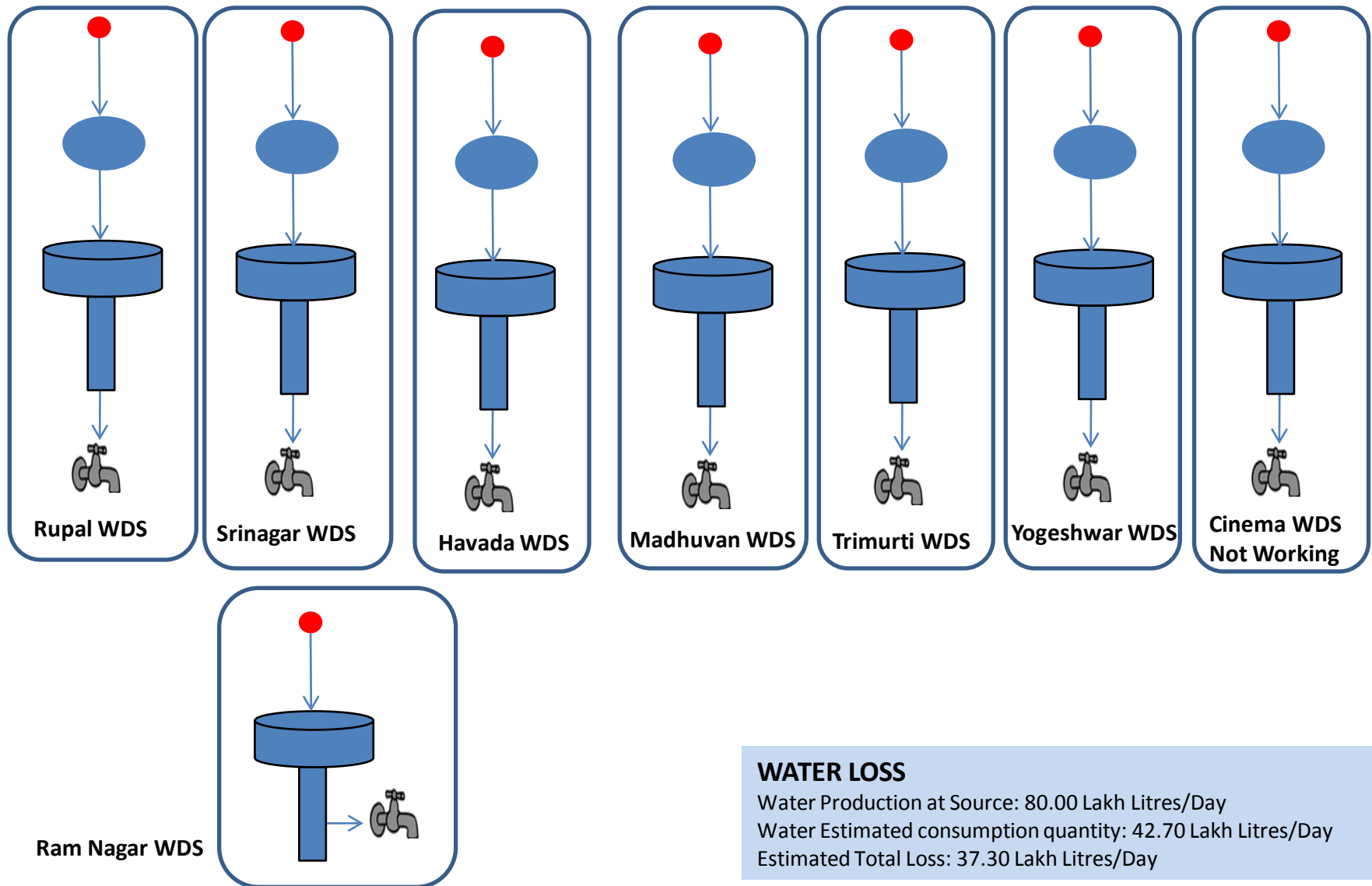
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bavla Municipality (Class-C)



WATER LOSS

Water Production at Source: 80.00 Lakh Litres/Day

Water Estimated consumption quantity: 42.70 Lakh Litres/Day

Estimated Total Loss: 37.30 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



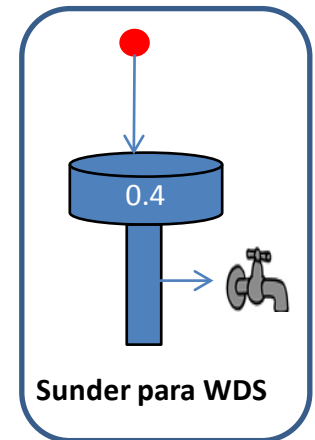
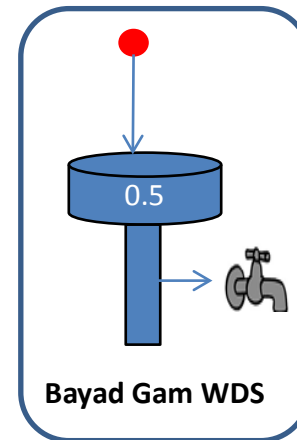
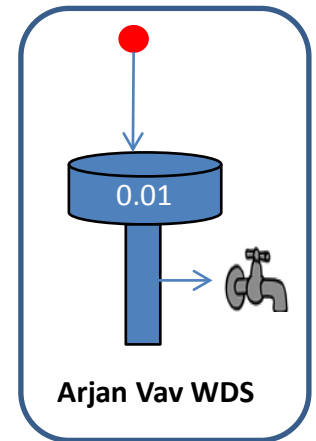
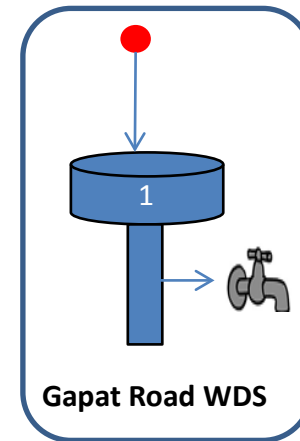
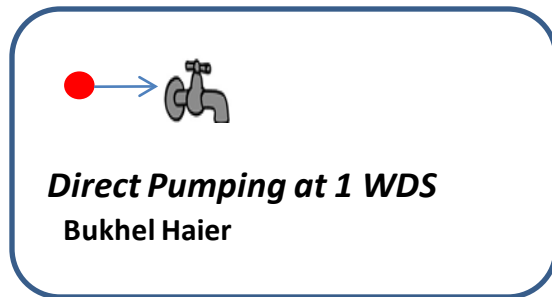
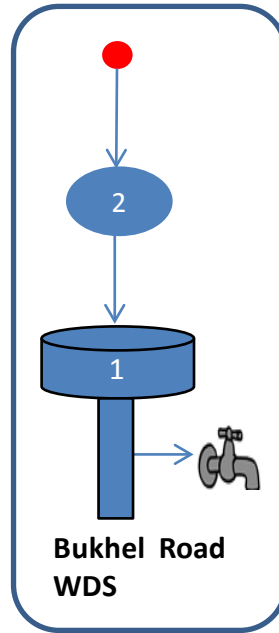
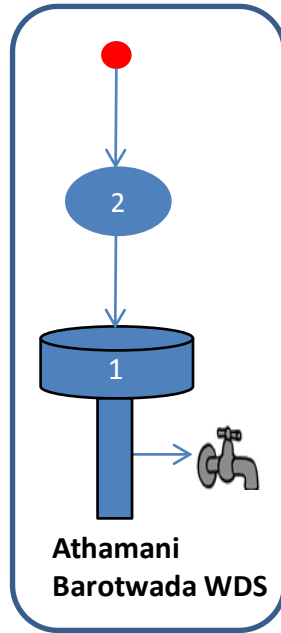
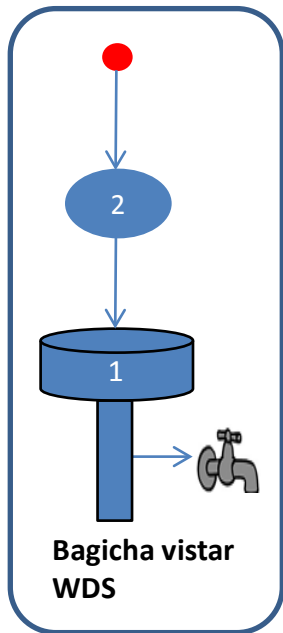
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bayad Municipality (Class-D)



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day

Water Estimated consumption quantity: 18.10 Lakh Litres/Day

Estimated Total Loss: 1.90 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

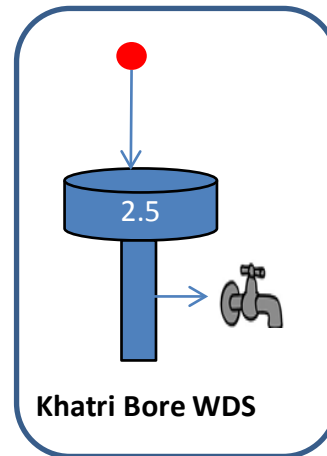
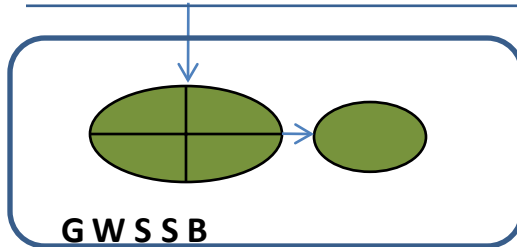


Consumer End

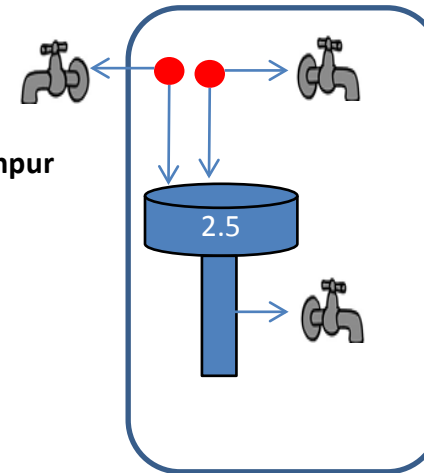
All units are in Lakh Litres ; As on 2012-13

Bhabhar Municipality (Class-D)

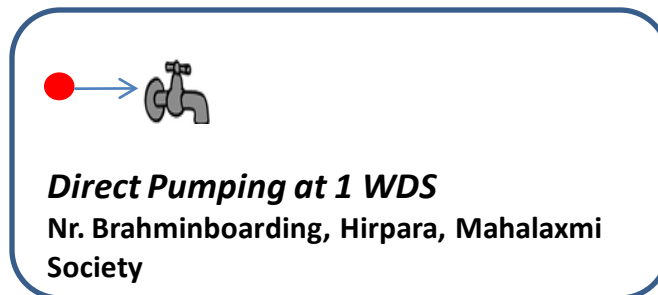
Narmada Canal



Kapuriya Kanpur Road



Sarvodaya Vidhya
Mandir High School



WATER LOSS

Water Production at Source: 40.00 Lakh Litres/Day

Water Estimated consumption quantity: 30.00 Lakh Litres/Day

Estimated Total Loss: 10.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



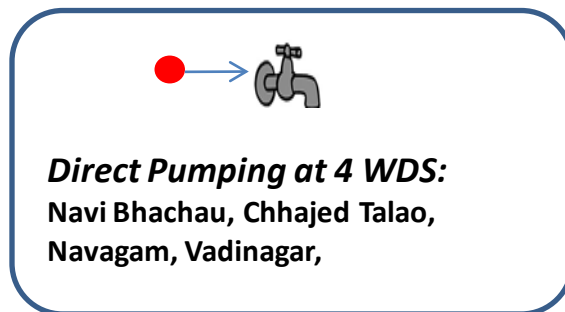
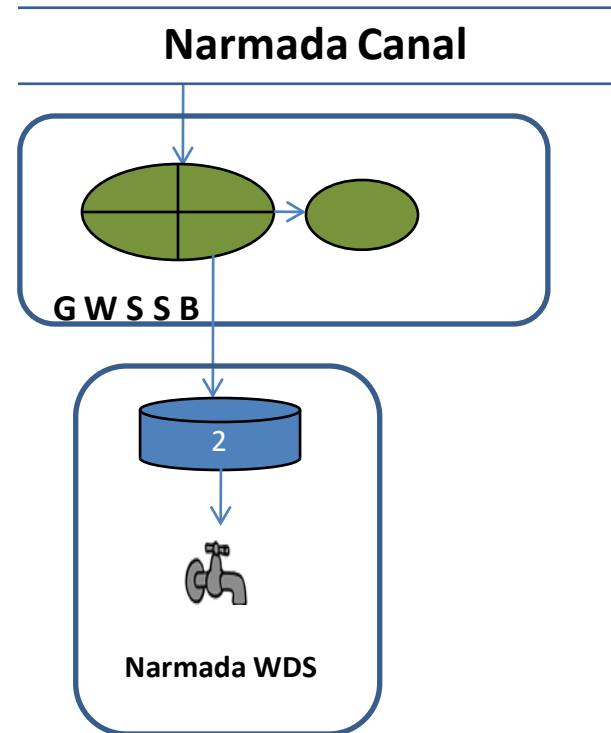
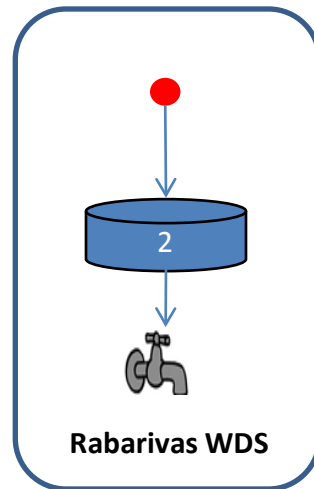
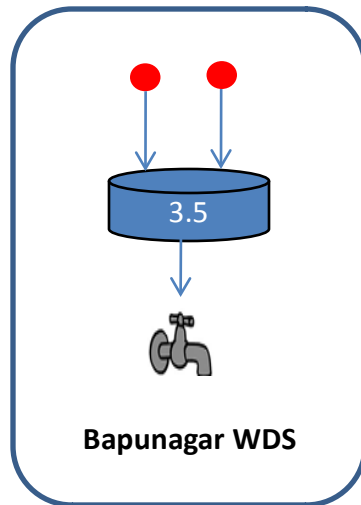
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bhachau Municipality (Class-C)



WATER LOSS

Water Production at Source: 40.00 Lakh Litres/Day

Water Estimated consumption quantity: 35.60 Lakh Litres/Day

Estimated Total Loss: 4.40 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



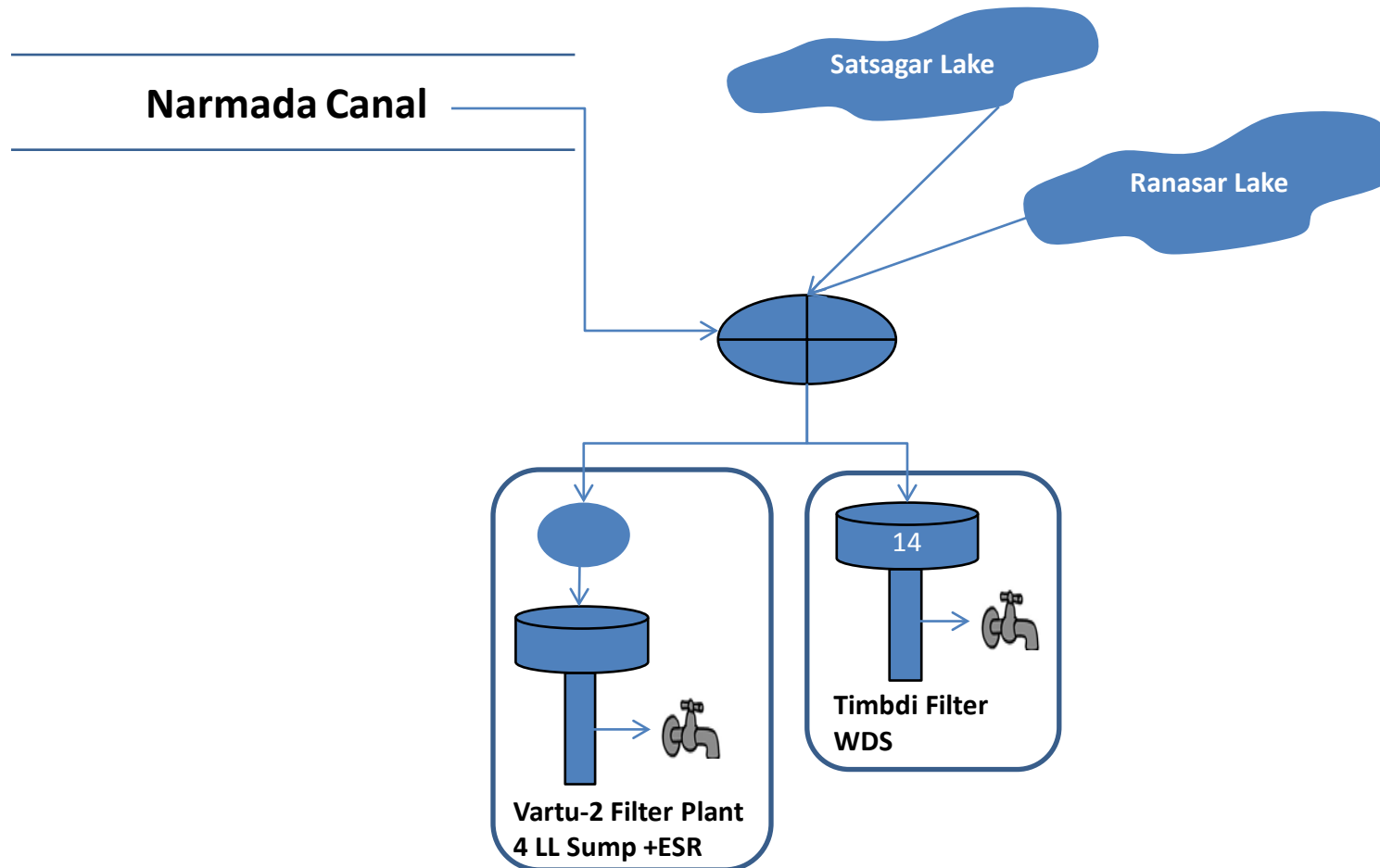
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bhanvad Municipality (Class-D)



WATER LOSS

Water Production at Source: 17.00 Lakh Litres/Day

Water Estimated consumption quantity: 15.40 Lakh Litres/Day

Estimated Total Loss: 1.60 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



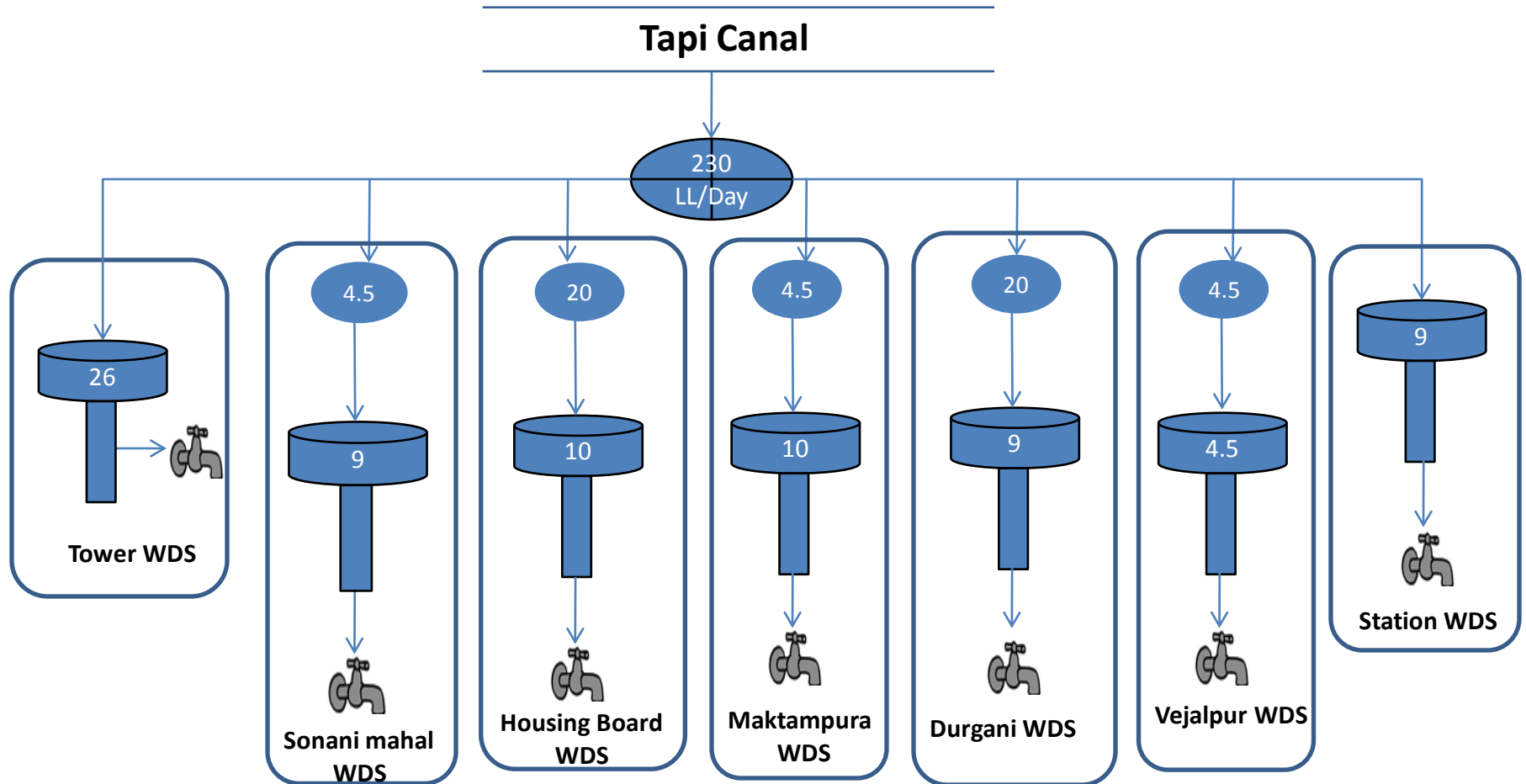
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bharuch Municipality (Class-A)



WATER LOSS

Water Production at Source: 347.50 Lakh Litres/Day

Water Estimated consumption quantity: 280.80 Lakh Litres/Day

Estimated Total Loss: 66.70 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



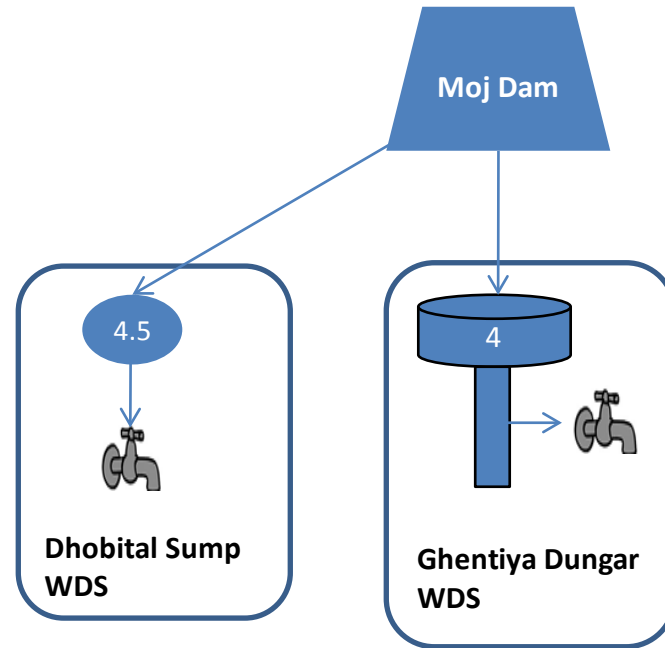
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Bhayvadar Municipality (Class-D)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day

Water Estimated consumption quantity: 13.76 Lakh Litres/Day

Estimated Total Loss: 11.24 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



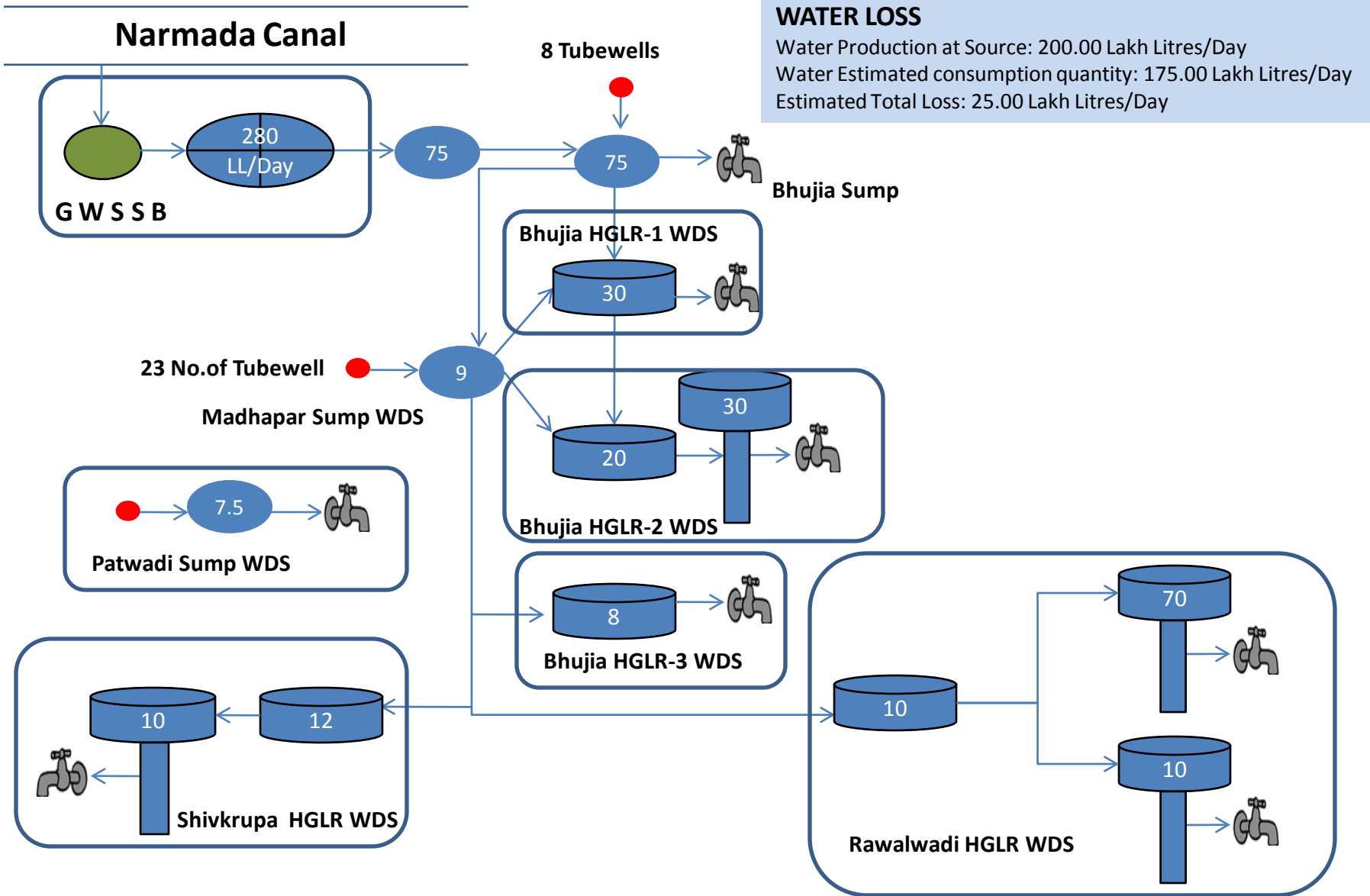
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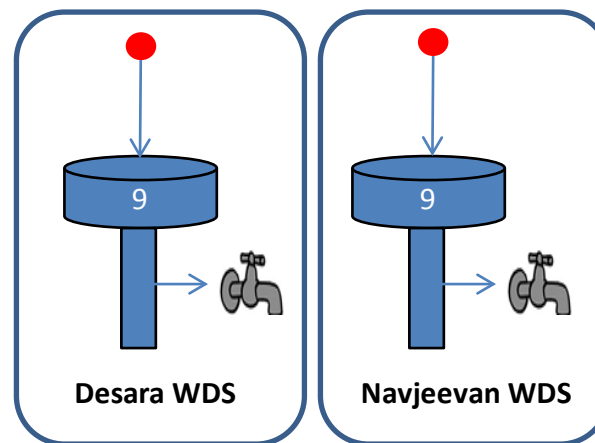
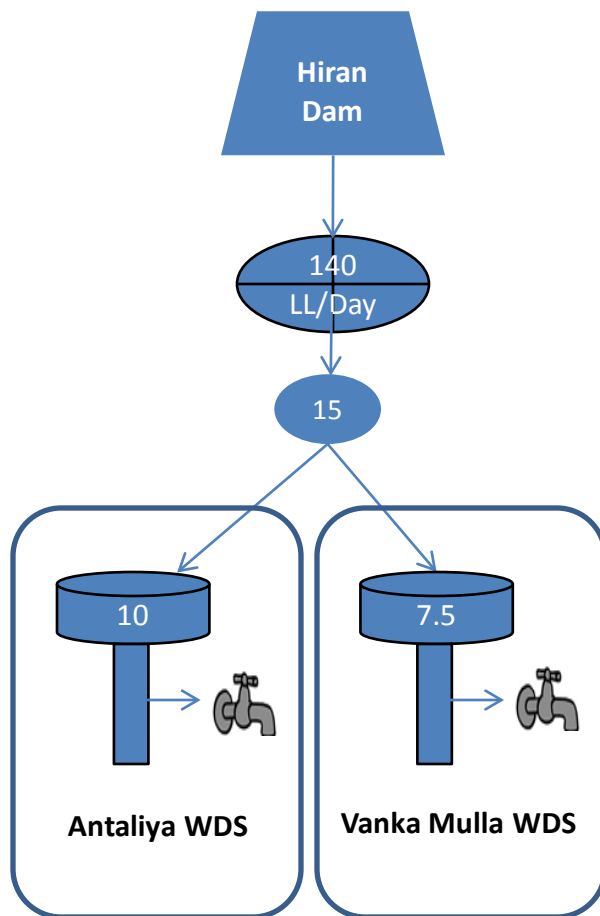
Consumer End

All units are in Lakh Litres ; As on 2012-13

Bhuj Municipality (Class-B)



Bilimora Municipality (Class-B)



WATER LOSS

Water Production at Source: 60.00 Lakh Litres/Day

Water Estimated consumption quantity: 38.48 Lakh Litres/Day

Estimated Total Loss: 21.52 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

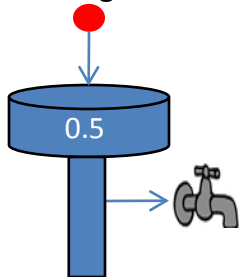


Consumer End

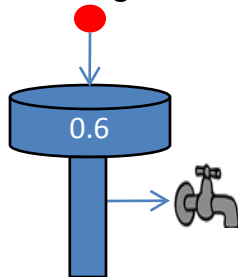
All units are in Lakh Litres ; As on 2012-13

Boryavi Municipality (Class-D)

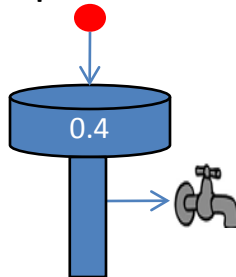
Handannagar Bore



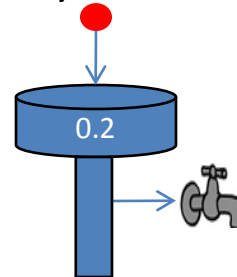
Chandannagar Bore



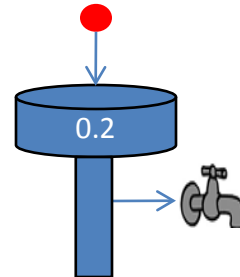
Haripura Bore



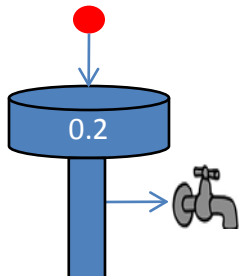
Nadaliya Chawk Bore



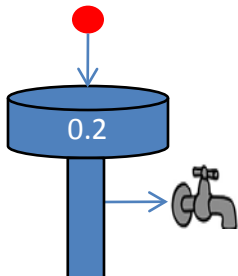
Bapunagar Bore



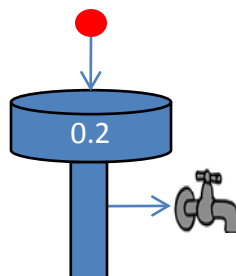
Pathak Bore



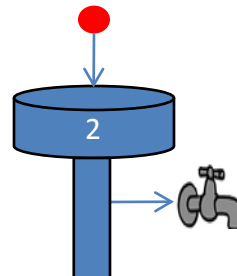
Pathak Kuva Bore



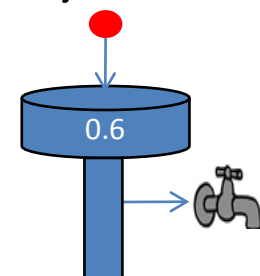
Ambajipura Bore



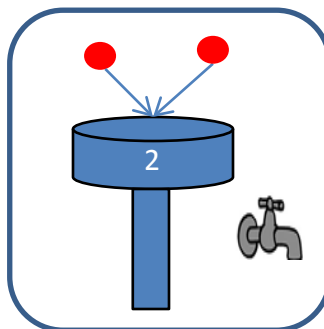
AzadChowk Bore



Bhatiji Vistar Bore



Opp to N.P. Bore



In N.P. Compound Bore

WATER LOSS

Water Production at Source: 20.90 Lakh Litres/Day

Water Estimated consumption quantity: 15.64 Lakh Litres/Day

Estimated Total Loss: 5.26 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



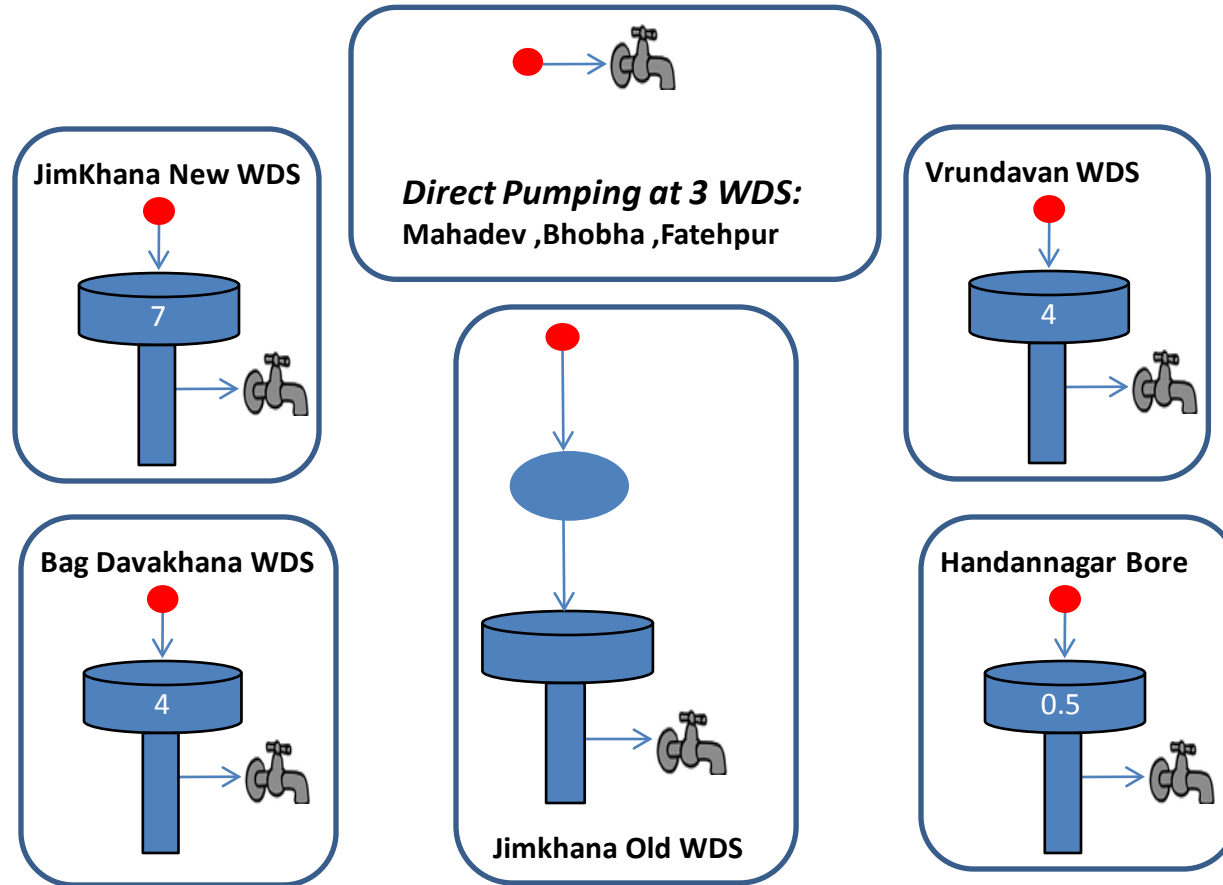
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Borsad Municipality (Class-B)



WATER LOSS

Water Production at Source: 85.00 Lakh Litres/Day
 Water Estimated consumption quantity: 75.10 Lakh Litres/Day
 Estimated Total Loss: 9.90 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



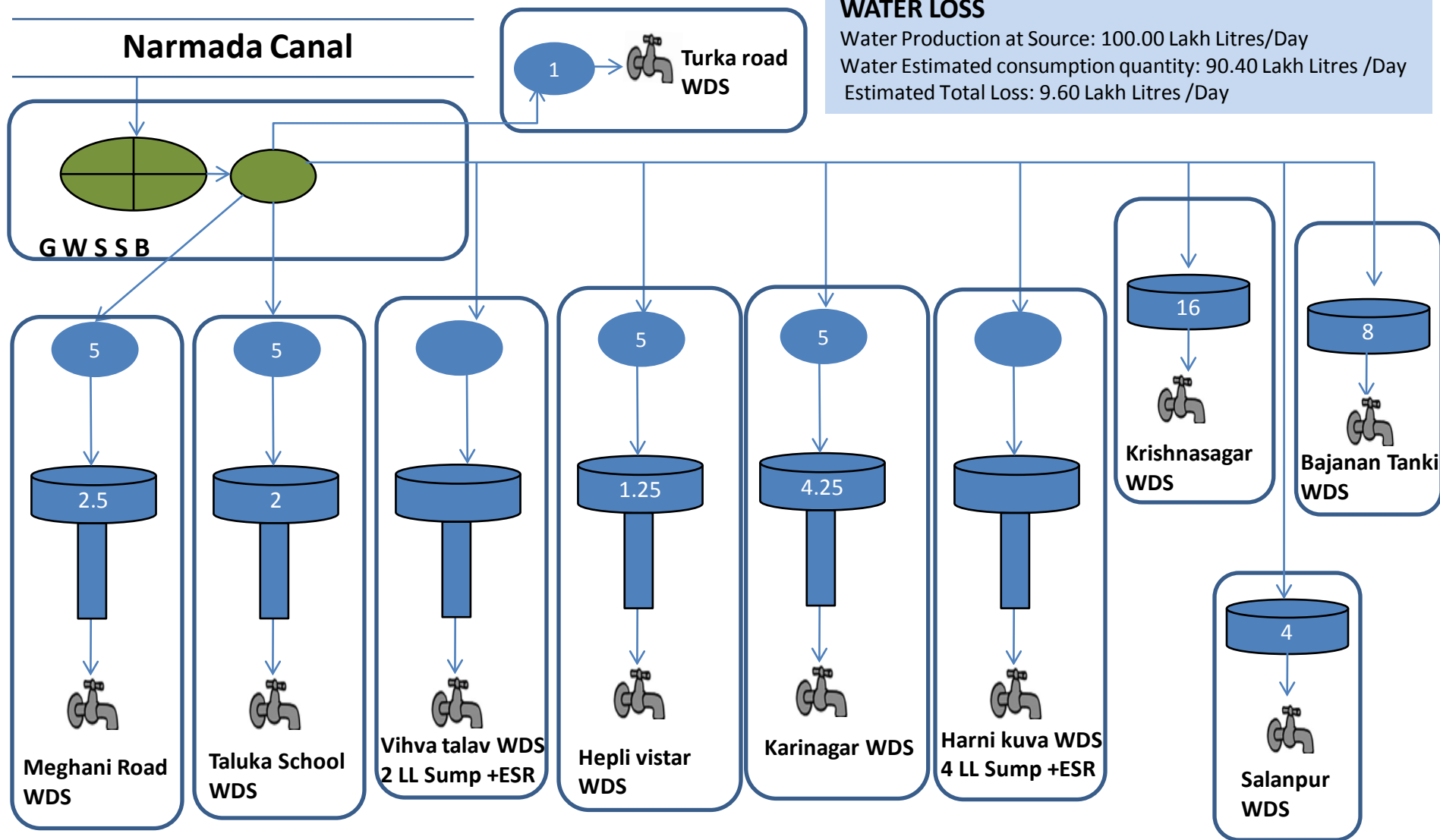
Consumer End

All units are in Lakh Litres ; As on 2012-13

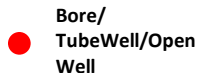
Botad Municipality (Class-A)

WATER LOSS

Water Production at Source: 100.00 Lakh Litres/Day
 Water Estimated consumption quantity: 90.40 Lakh Litres /Day
 Estimated Total Loss: 9.60 Lakh Litres /Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



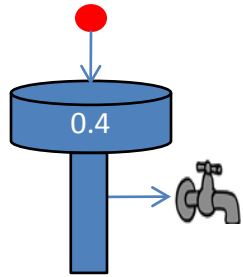
HGLR



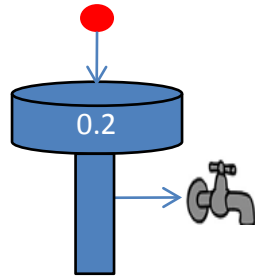
Consumer End

All units are in Lakh Litres ; As on 2012-13

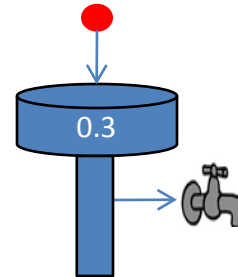
Chaklasi Municipality (Class-C)



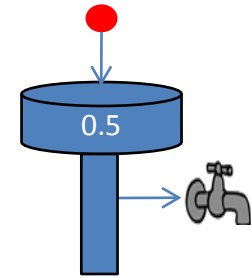
4 WDS with ESR capacity 0.4 LL : Bahilantri Pura, Bhatji Mandir Raghupura, Bhagvan Pura



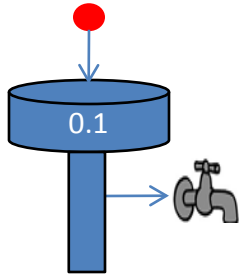
9 WDS with ESR capacity 0.2 LL : Umed Pura, Gamanpura, Motakua, Mota Rampura, Devkapura, Jadavpura road, Jadavpura Village, Sadi pura, Dharmapura



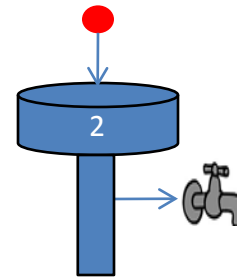
6 WDS with ESR Capacity 0.3LL : Devnagar, Suryanagar, Shivanagar, Raj nagar, Vijaynagar, Vanipura



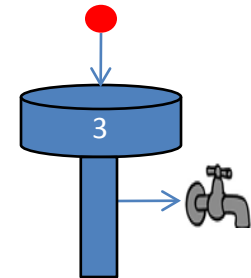
2 WDS with ESR capacity 0.5 LL: Bhaga Pura, Krush nagar



Mahadev Pura WDS



Vora Colony WDS



2 WDS with capacity of 3 LL: Kheti Shala , Rajvad Talav

WATER LOSS

Water Production at Source: 46.00 Lakh Litres/Day

Water Estimated consumption quantity: 38.21 Lakh Litres/Day

Estimated Total Loss: 7.79 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



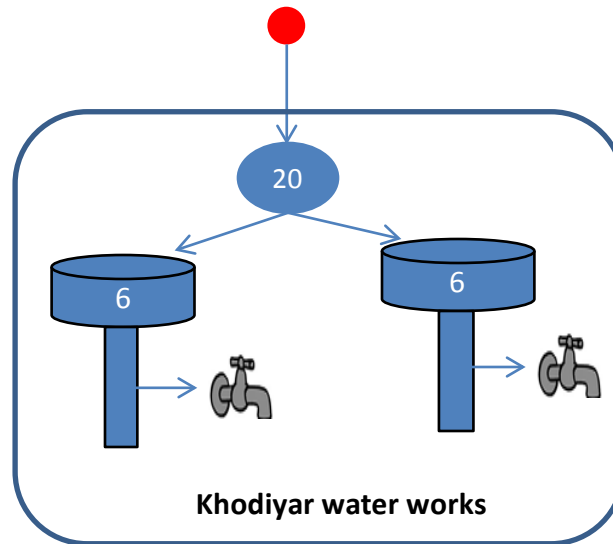
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Chalala Municipality (Class-D)



WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day

Water Estimated consumption quantity: 17.55 Lakh Litres/Day

Estimated Total Loss: 12.45 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



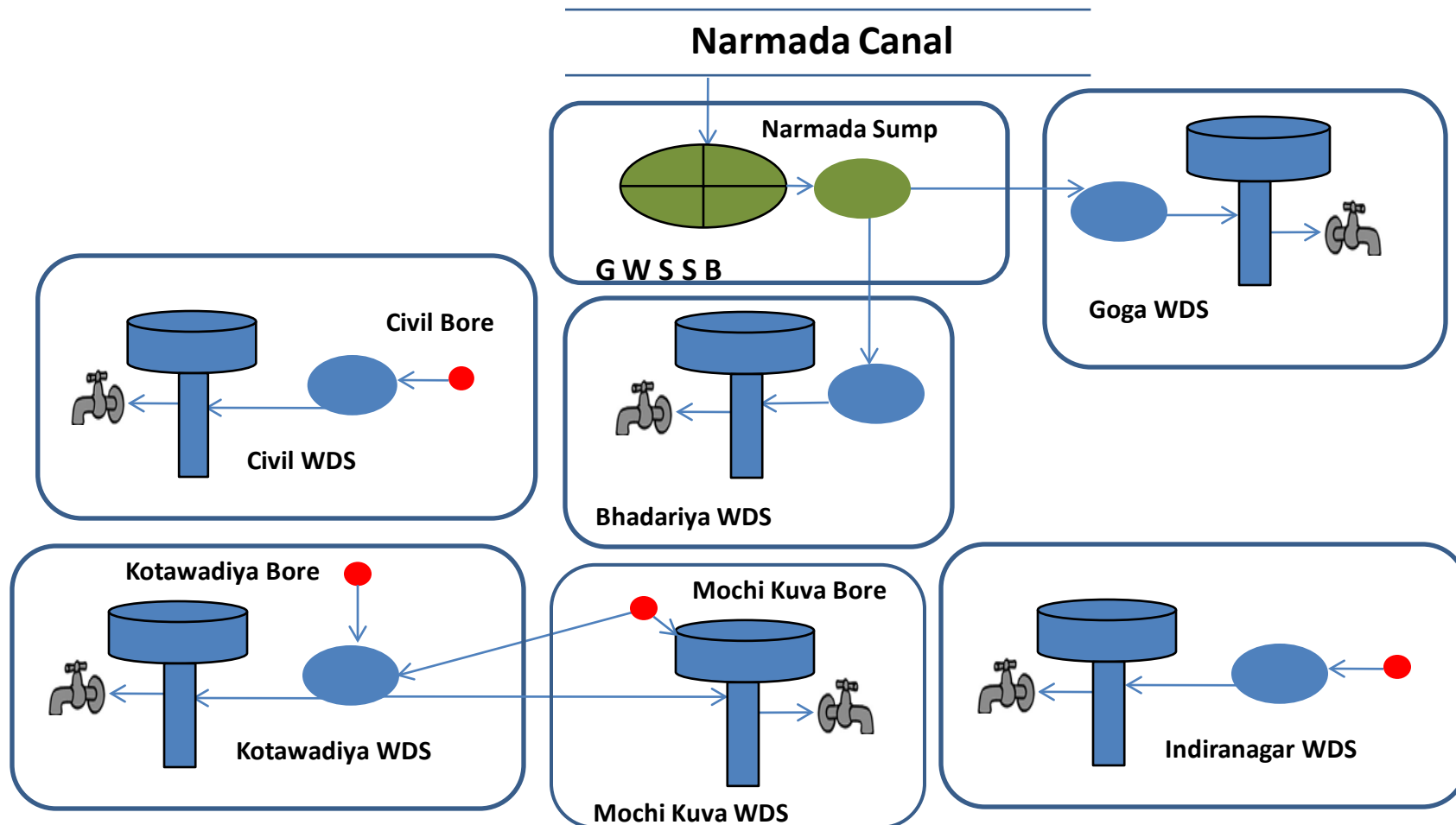
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Chanasma Municipality (Class-D)



WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day

Water Estimated consumption quantity: 26.51 Lakh Litres/Day

Estimated Total Loss: 3.49 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



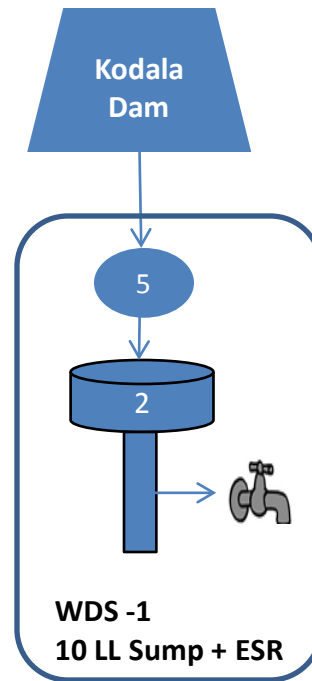
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Chhaya Municipality (Class-C)



WATER LOSS

Water Production at Source: 42.00 Lakh Litres/Day

Water Estimated consumption quantity: 23.94 Lakh Litres/Day

Estimated Total Loss: 18.06 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



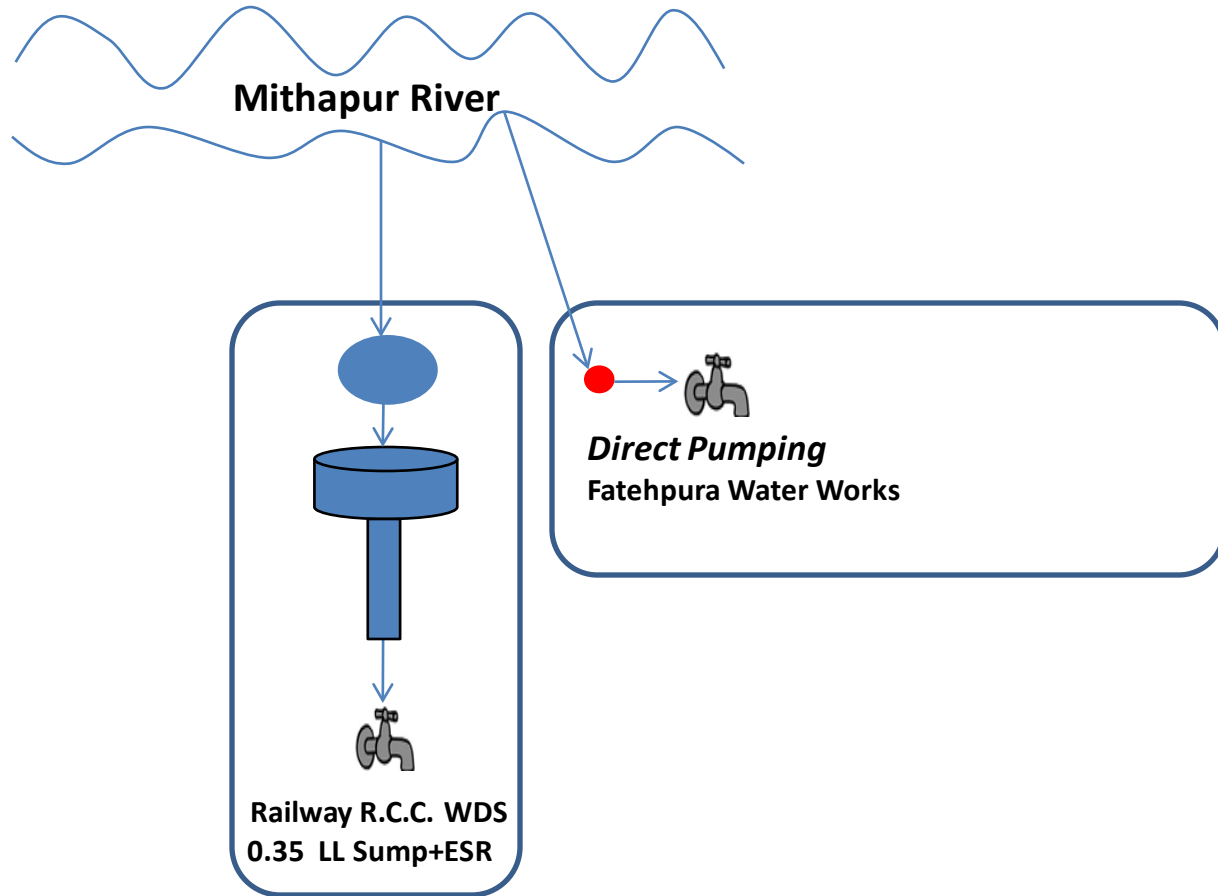
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Chhota Udaipur Municipality (Class-D)



WATER LOSS

Water Production at Source: 75.00 Lakh Litres/Day

Water Estimated consumption quantity: 33.50 Lakh Litres/Day

Estimated Total Loss: 41.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



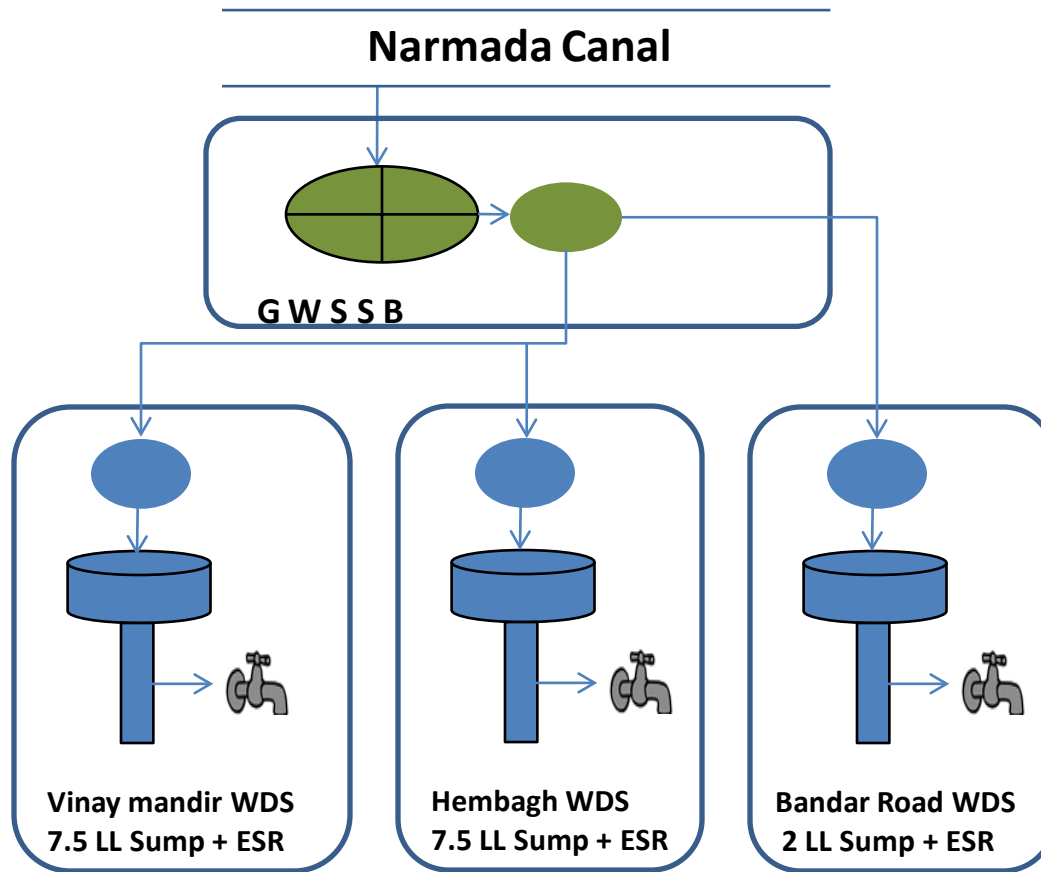
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Chorwad Municipality (Class-D)



WATER LOSS

Water Production at Source: 12.00 Lakh Litres/Day
Water Estimated consumption quantity: 8.06 Lakh Litres/Day
Estimated Total Loss: 3.94 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



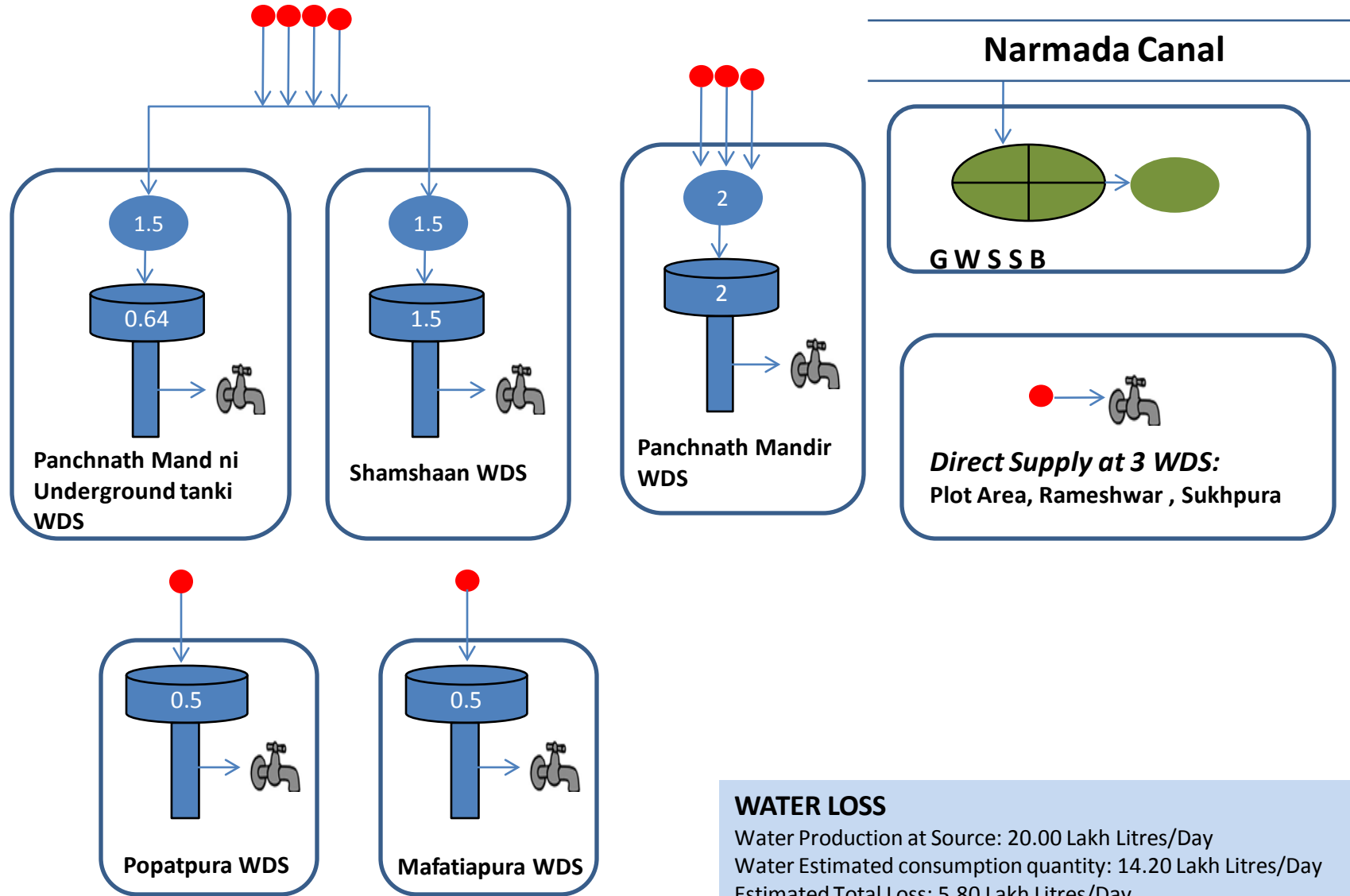
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Chotila Municipality (Class-D)



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



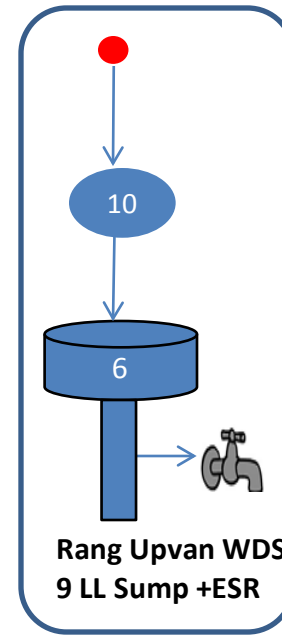
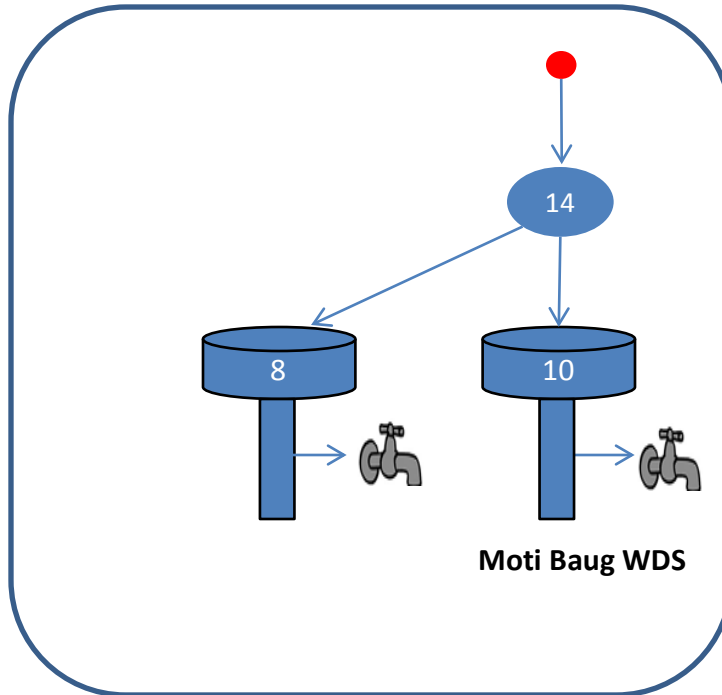
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dabhoi Municipality (Class-B)



WATER LOSS

Water Production at Source: 73.00 Lakh Litres/Day
 Water Estimated consumption quantity: ND
 Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



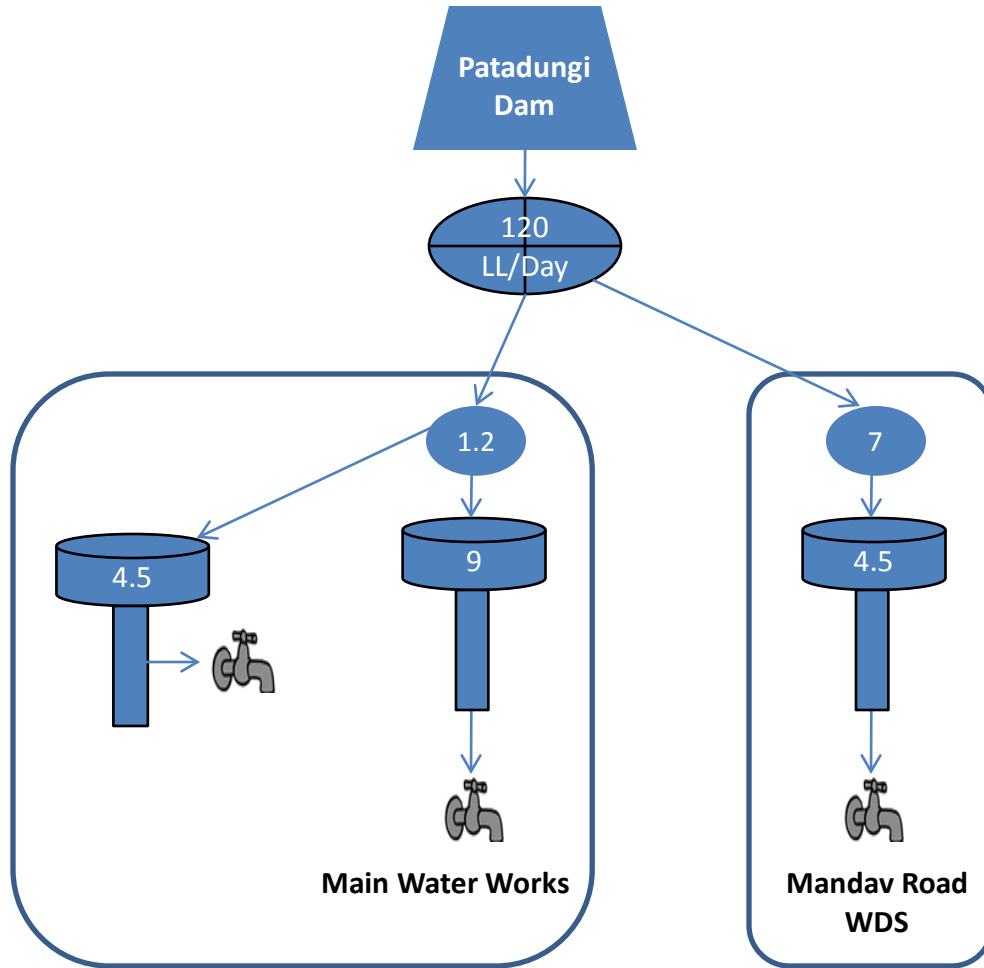
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dahod Municipality (Class-B)



WATER LOSS

Water Production at Source: 98.00 Lakh Litres/Day
Water Estimated consumption quantity: 78.60 Lakh Litres/Day
Estimated Total Loss: 19.40 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



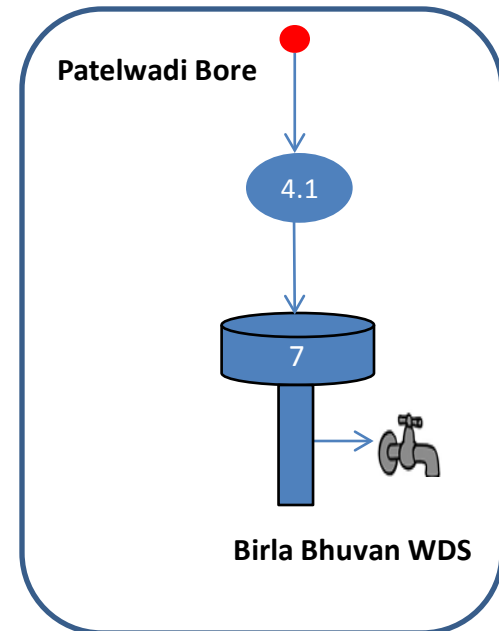
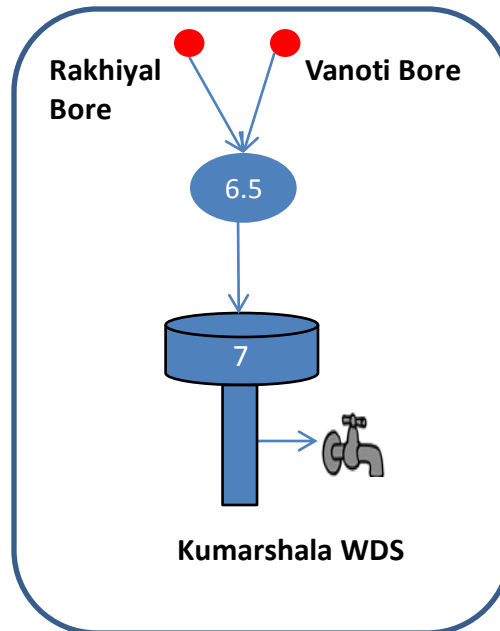
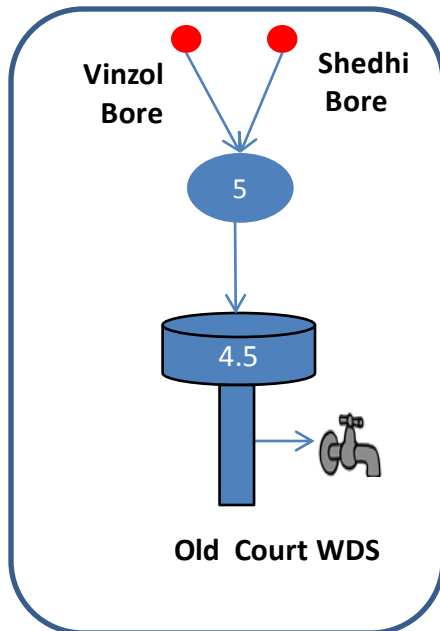
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dakor Municipality (Class-D)



WATER LOSS

Water Production at Source: 25.00Lakh Litres/Day
 Water Estimated consumption quantity: ND
 Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



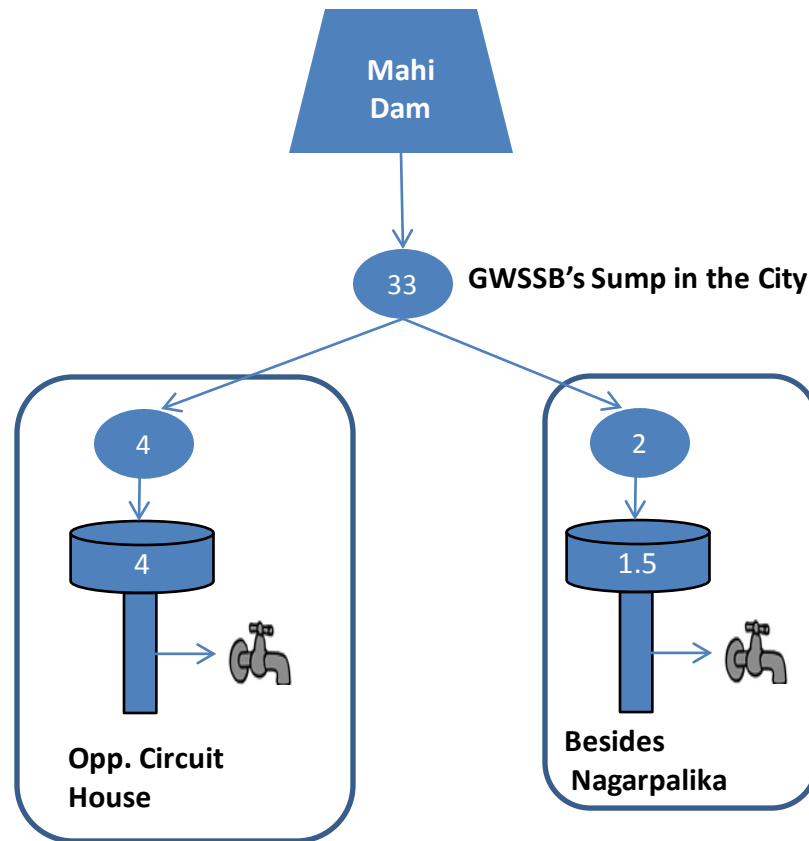
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Damnagar Municipality (Class-D)



WATER LOSS

Water Production at Source: 12.50 Lakh Litres/Day

Water Estimated consumption quantity: 11.38 Lakh Litres/Day

Estimated Total Loss: 1.12 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



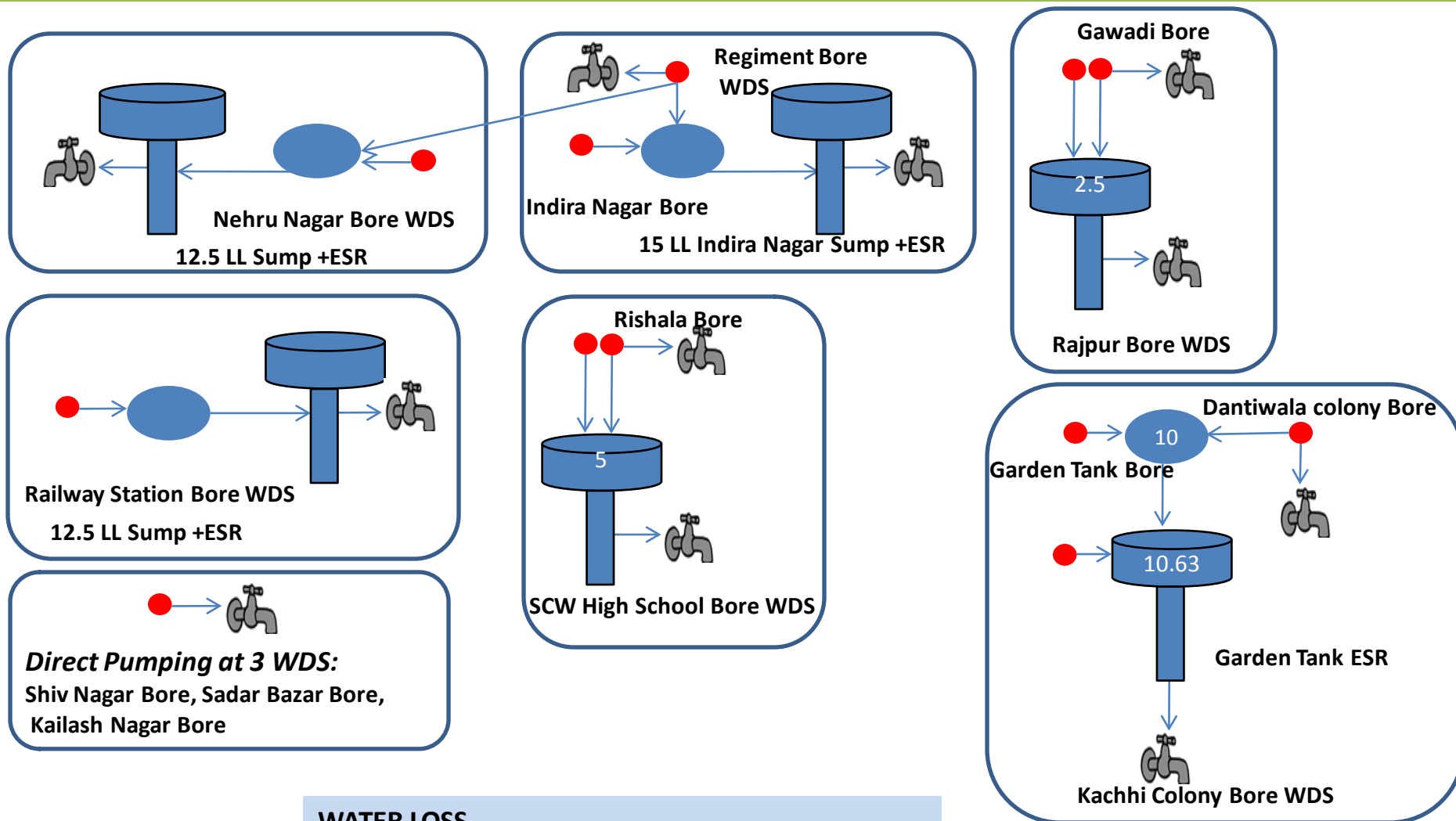
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Deesa Municipality (Class-B)



WATER LOSS

Water Production at Source: 140.00 Lakh Litres/Day

Water Estimated consumption quantity: 115.75 Lakh Litres/Day

Estimated Total Loss: 24.25 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



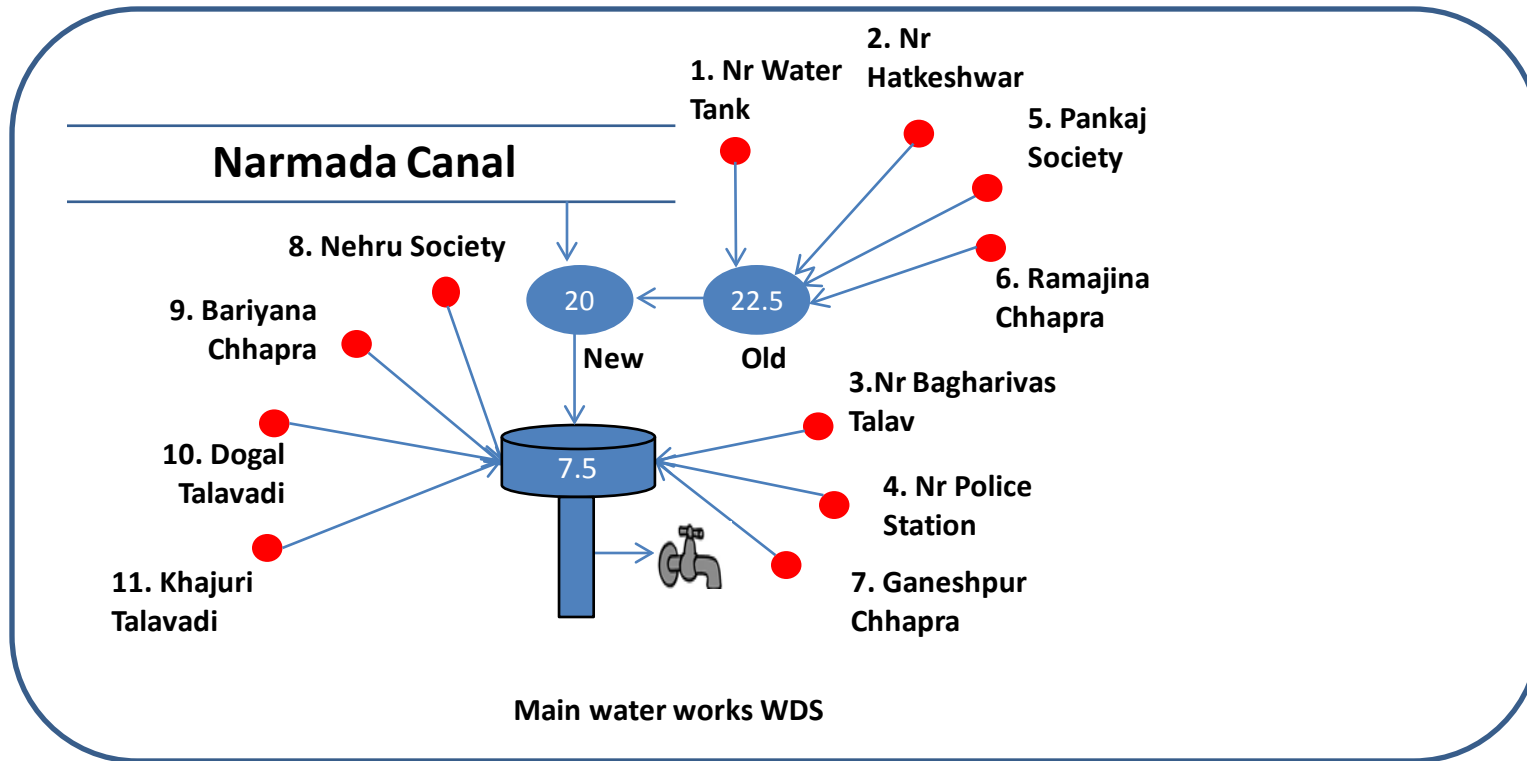
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dehgam Municipality (Class-C)



WATER LOSS

Water Production at Source: 60.00 Lakh Litres/Day

Water Estimated consumption quantity: 42.56 Lakh Litres/Day

Estimated Total Loss: 17.44 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



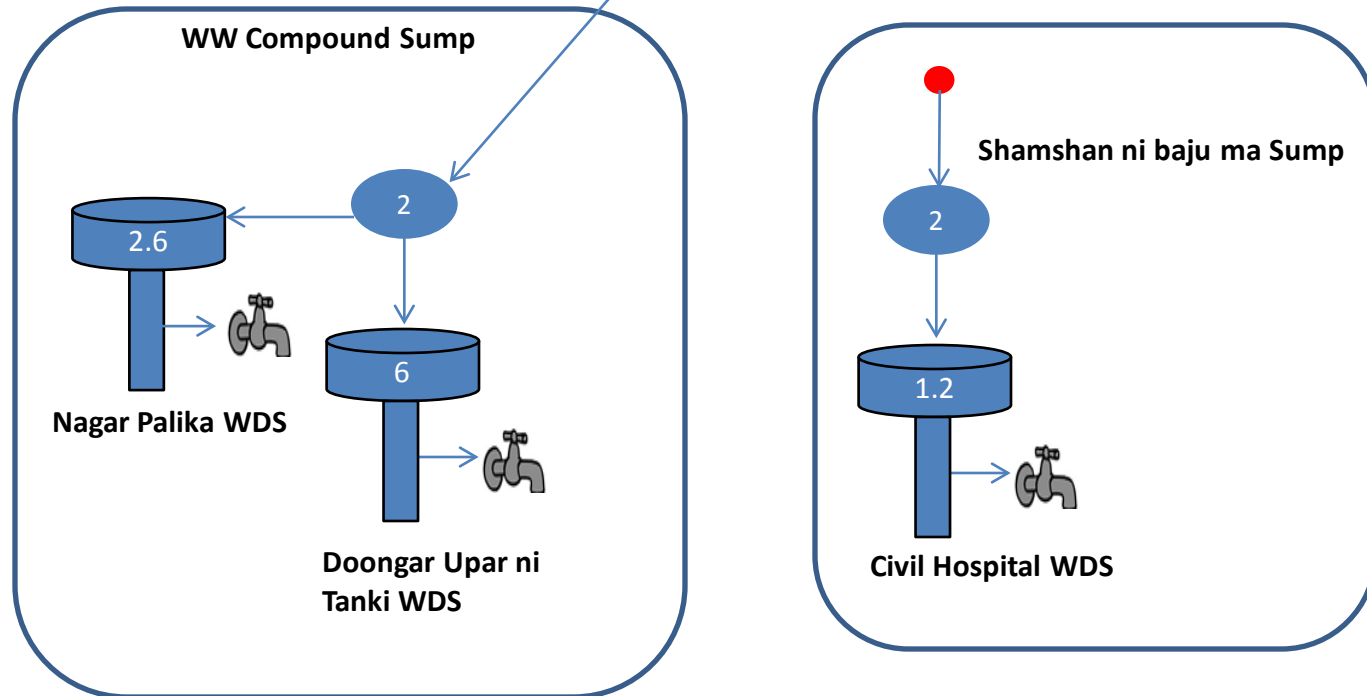
Consumer End

All units are in Lakh Litres ; As on 2012-13

Devgadh Bariya Municipality (Class-D)

Narmada Canal

Panam River



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day
 Water Estimated consumption quantity: 16.80 Lakh Litres/Day
 Estimated Total Loss: 3.20 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



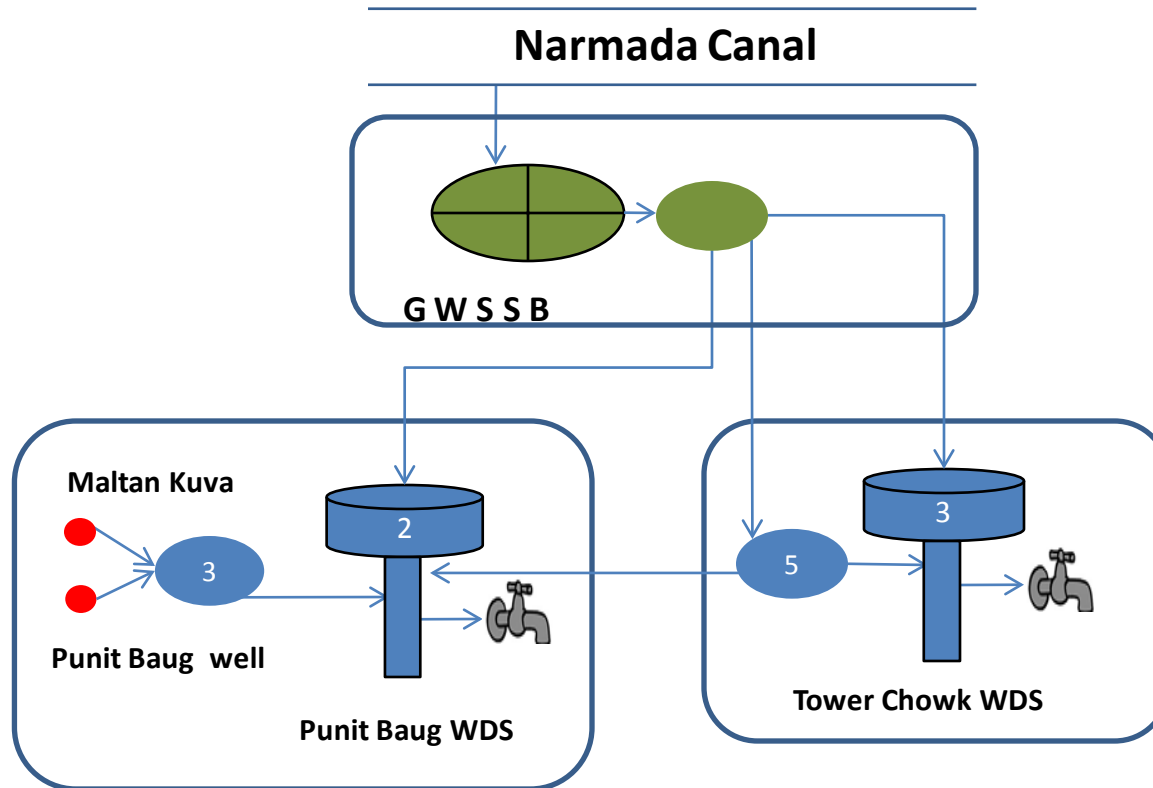
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dhandhuka Municipality (Class-C)



WATER LOSS

Water Production at Source: 32.00 Lakh Litres/Day

Water Estimated consumption quantity: 23.51 Lakh Litres/Day

Estimated Total Loss: 8.49 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



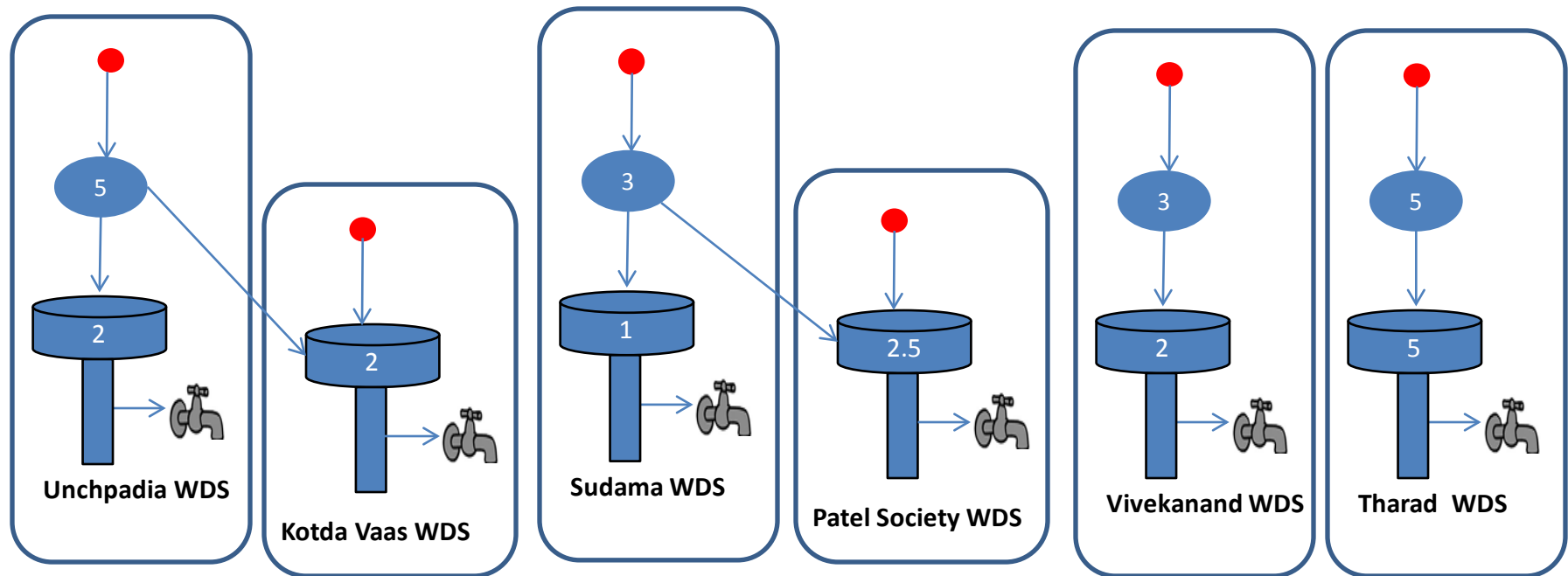
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dhanera Municipality (Class-D)



WATER LOSS

Water Production at Source: 43.00 Lakh Litres/Day

Water Estimated consumption quantity: 38.50 Lakh Litres/Day

Estimated Total Loss: 4.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



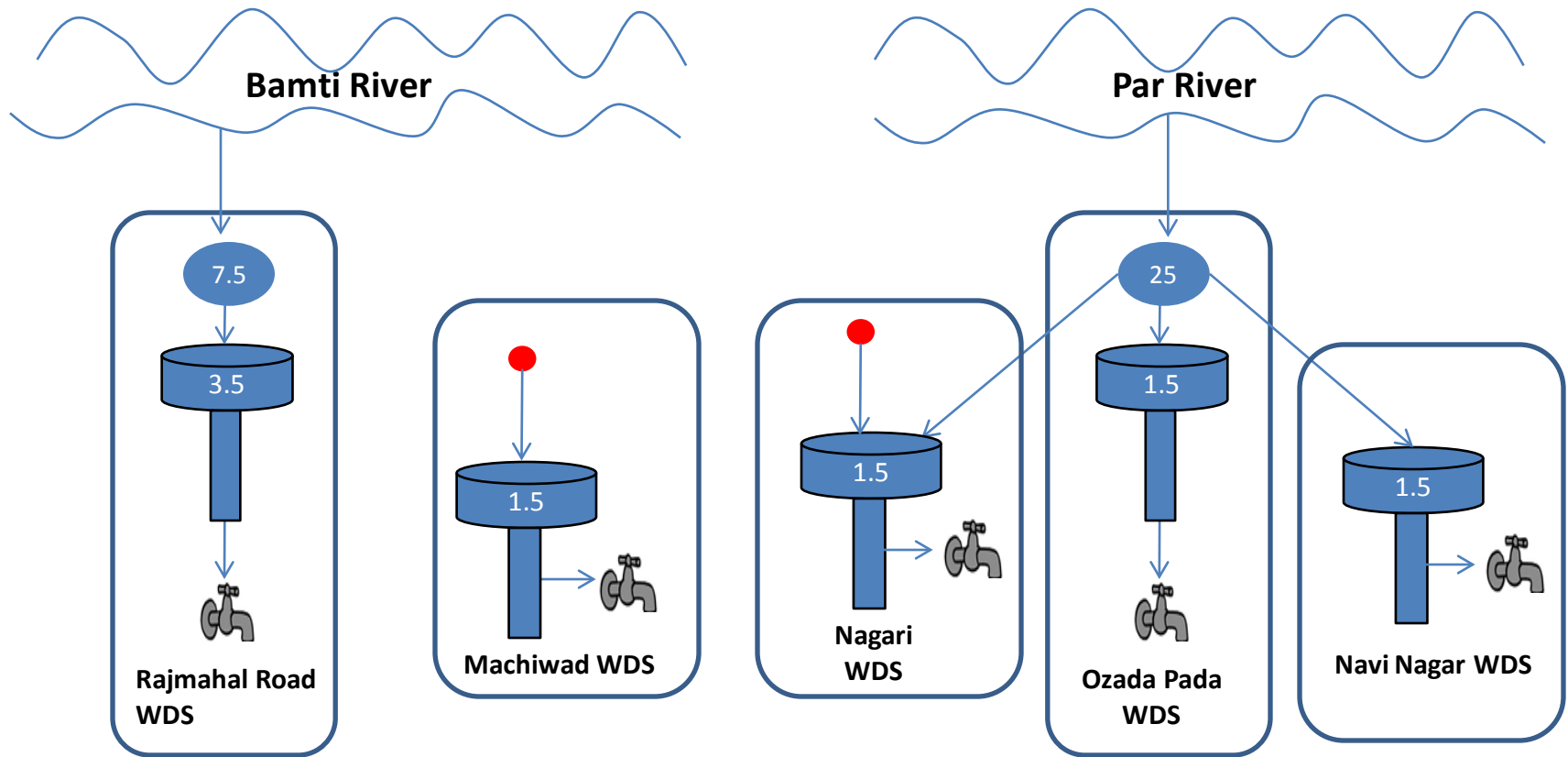
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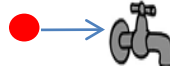


Consumer End

All units are in Lakh Litres ; As on 2012-13

Dharampur Municipality (Class-D)





Direct Pumping at 5 WDS: Mithikui,
Meenabahen Tower, Prahladwadi,
Brahminpith, Saji Talavadi

WATER LOSS

Water Production at Source: 56.00 Lakh Litres/Day

Water Estimated consumption quantity: 50.00 Lakh Litres/Day

Estimated Total Loss: 6.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



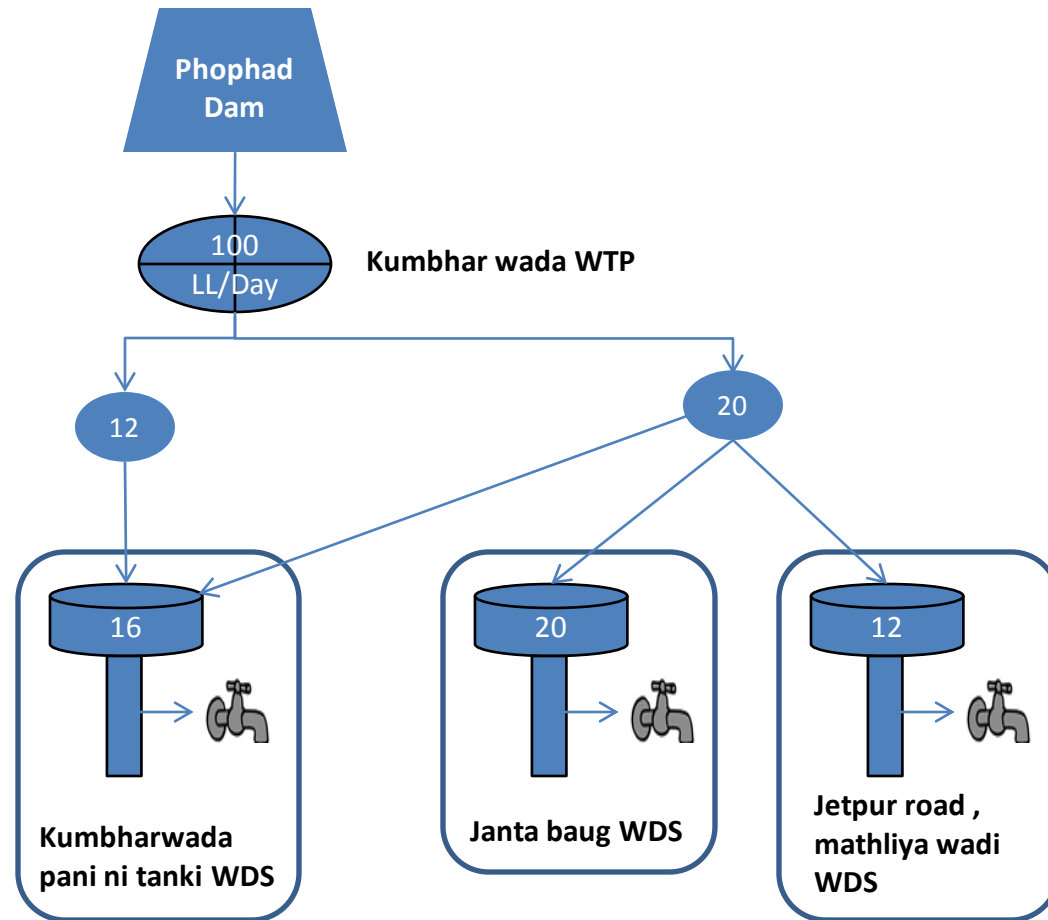
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dhoraji Municipality (Class-B)



WATER LOSS

Water Production at Source: 62.00 Lakh Litres/Day
Water Estimated consumption quantity: 53.50 Lakh Litres/Day
Estimated Total Loss: 8.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



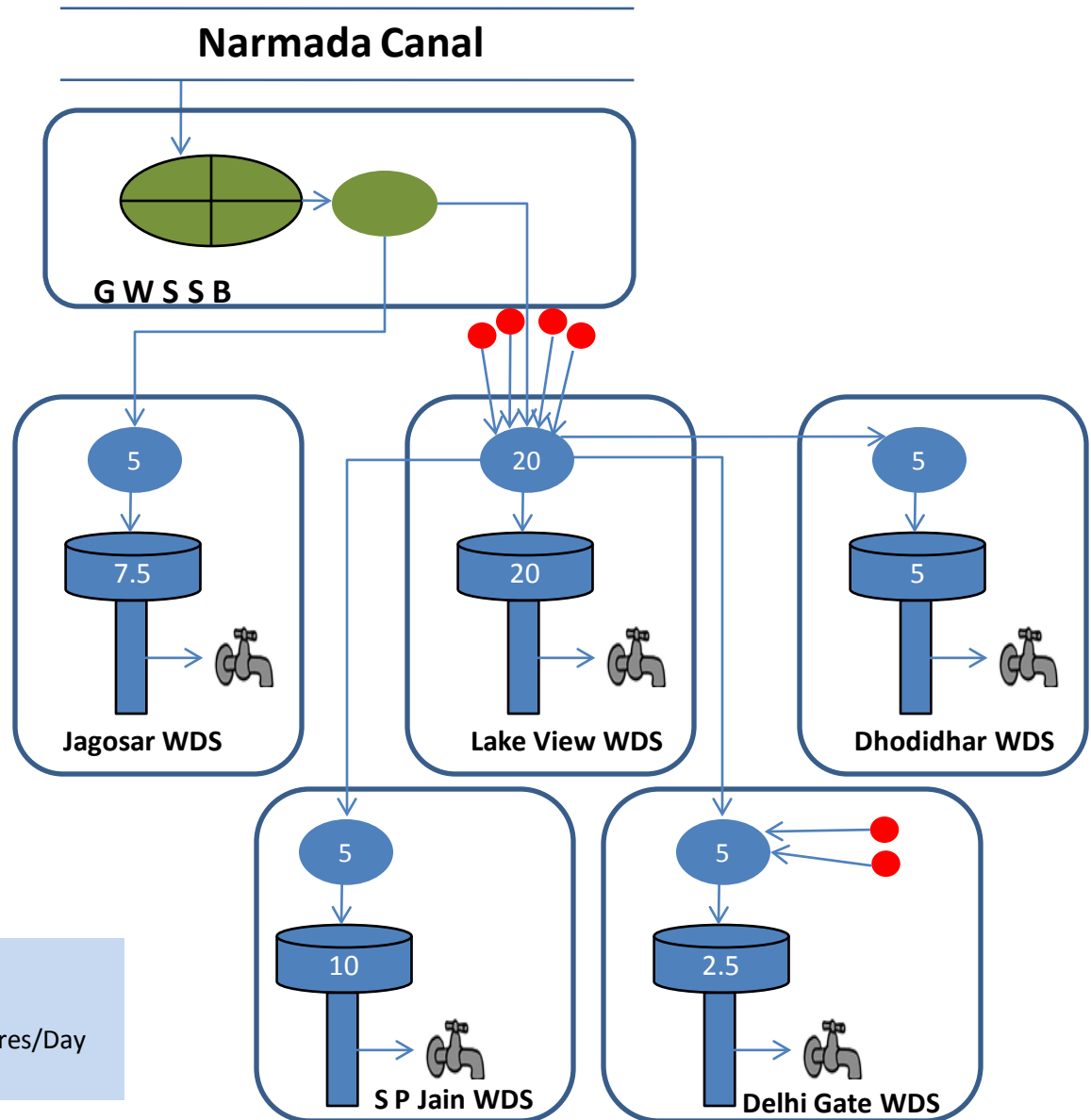
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dhrangadhra Municipality (Class-B)



WATER LOSS

Water Production at Source: 115.00 Lakh Litres/Day

Water Estimated consumption quantity: 96.95 Lakh Litres/Day

Estimated Total Loss: 18.05 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



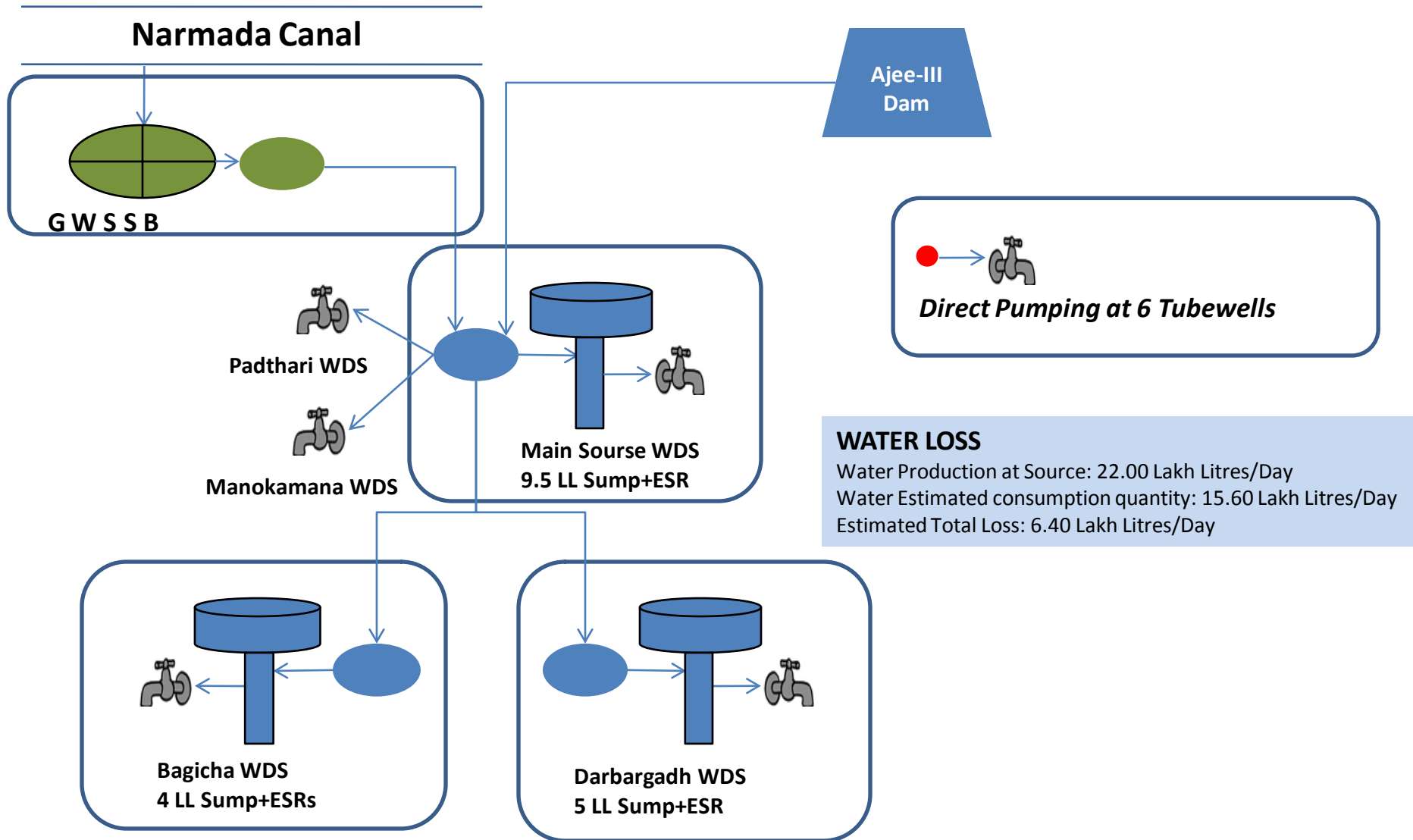
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dhrol Municipality (Class-D)



WTP

● Bore/
TubeWell/Open
Well

● Sump



ESR



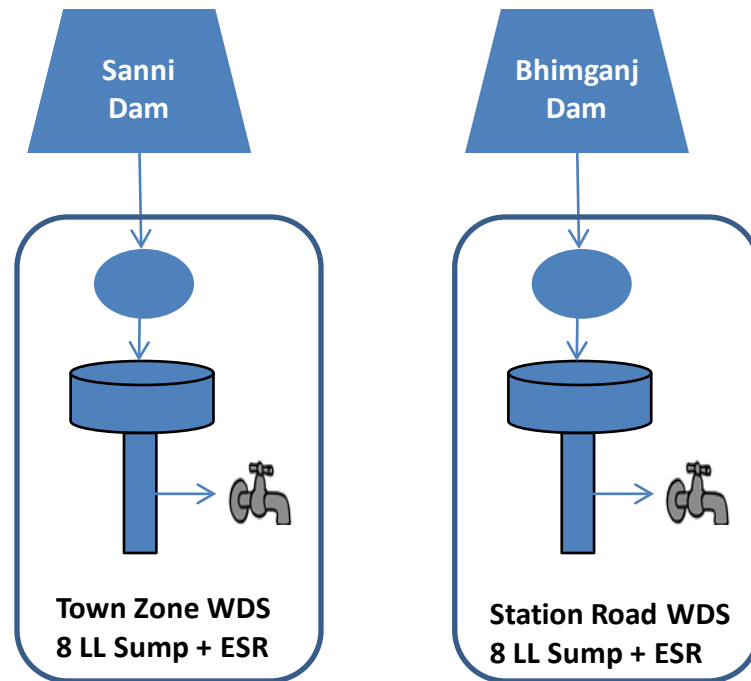
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Dwarka Municipality (Class-C)



WATER LOSS

Water Production at Source: 18.00 Lakh Litres/Day

Water Estimated consumption quantity: 16.59 Lakh Litres/Day

Estimated Total Loss: 1.41 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



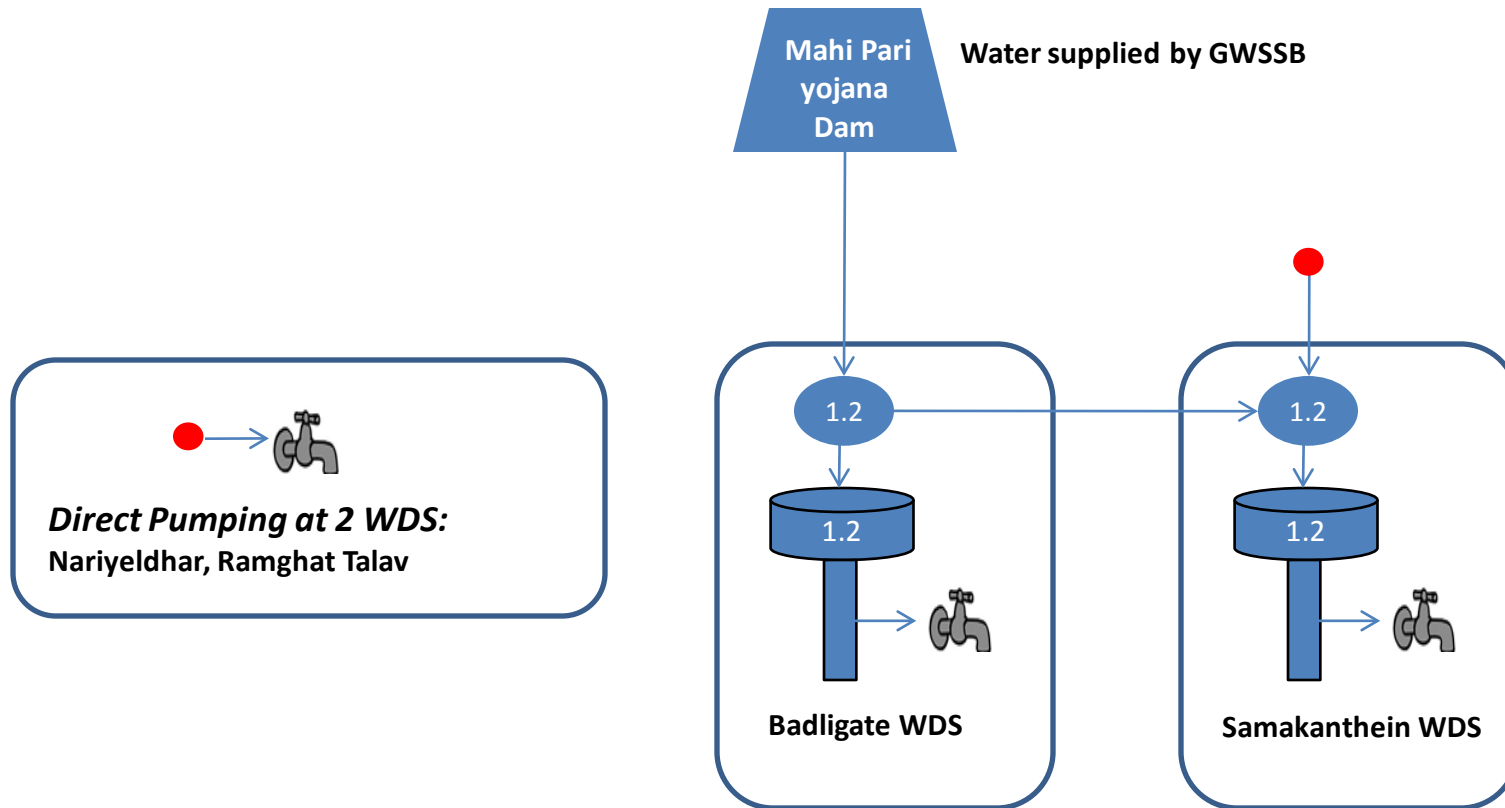
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

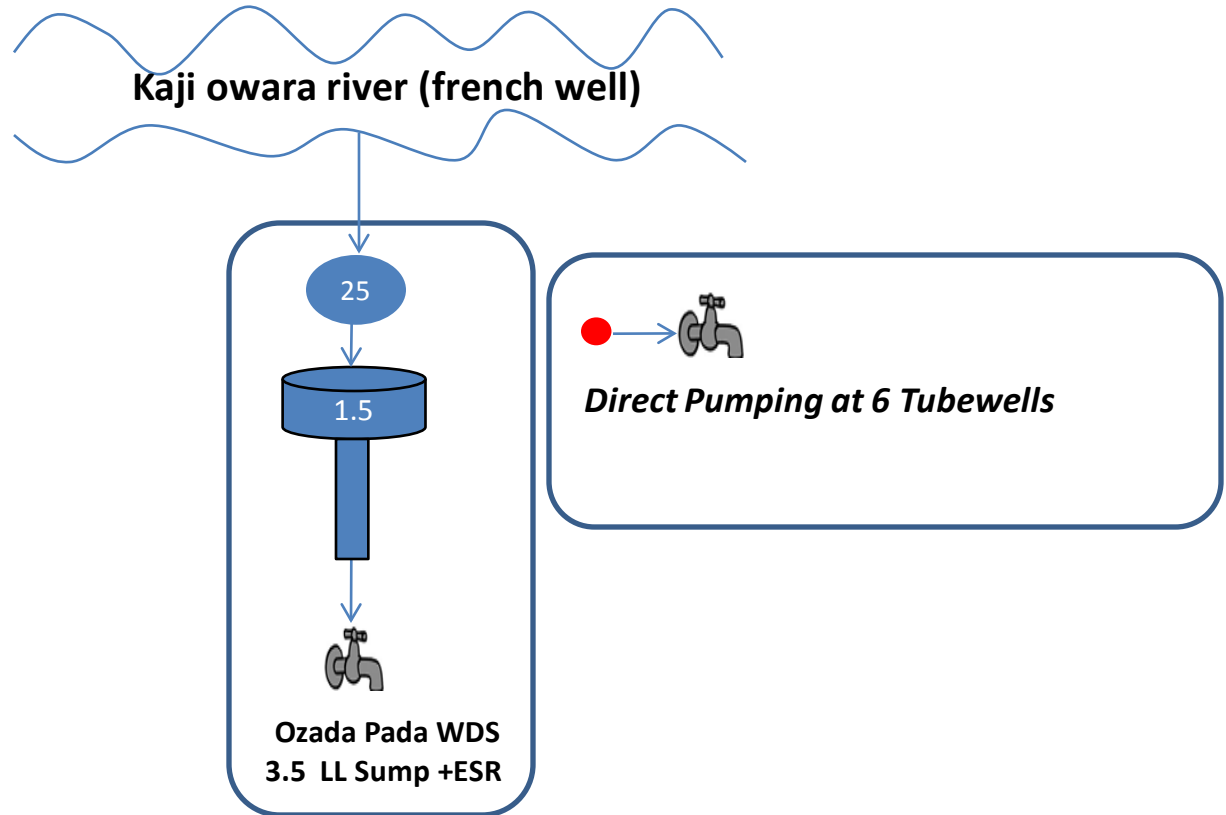
Gadhda Municipality (Class-C)



WATER LOSS

Water Production at Source: 19.00 Lakh Litres/Day
Water Estimated consumption quantity: 14.94 Lakh Litres/Day
Estimated Total Loss: 4.06 Lakh Litres/Day

Gandevi Municipality (Class-D)



WATER LOSS

Water Production at Source: 14.00 Lakh Litres/Day

Water Estimated consumption quantity: 11.00 Lakh Litres/Day

Estimated Total Loss: 3.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



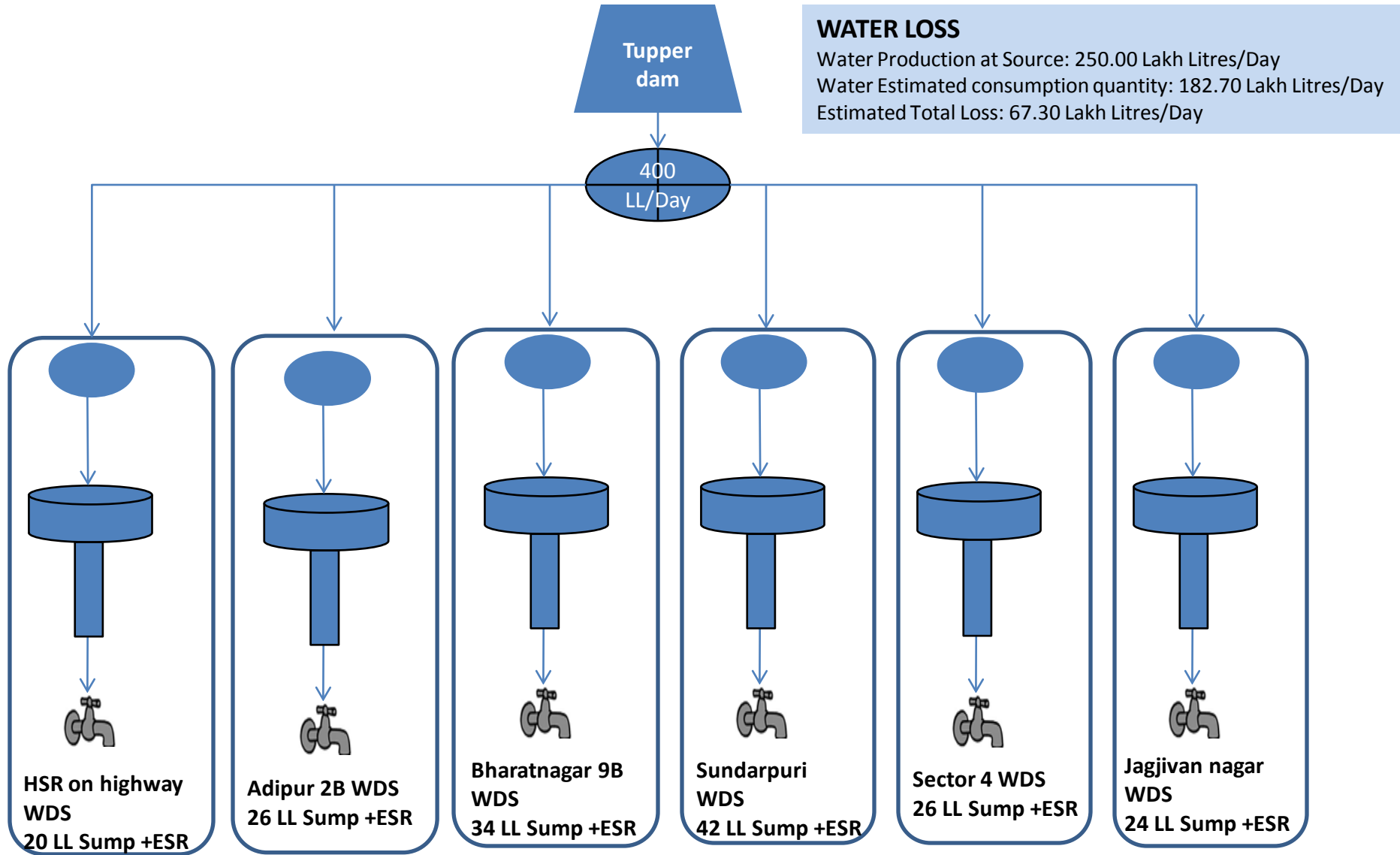
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Gandhidham Municipality (Class-A)



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



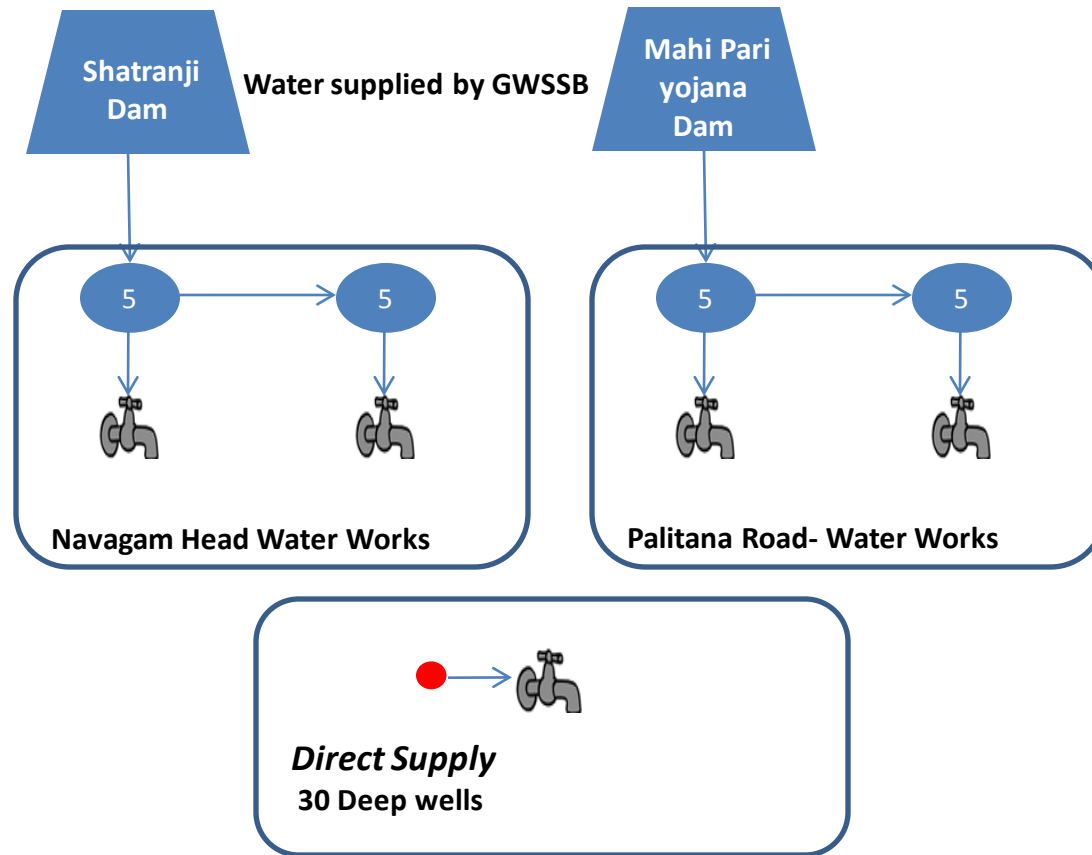
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Gariyadhar Municipality (Class-C)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day
 Water Estimated consumption quantity: ND
 Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



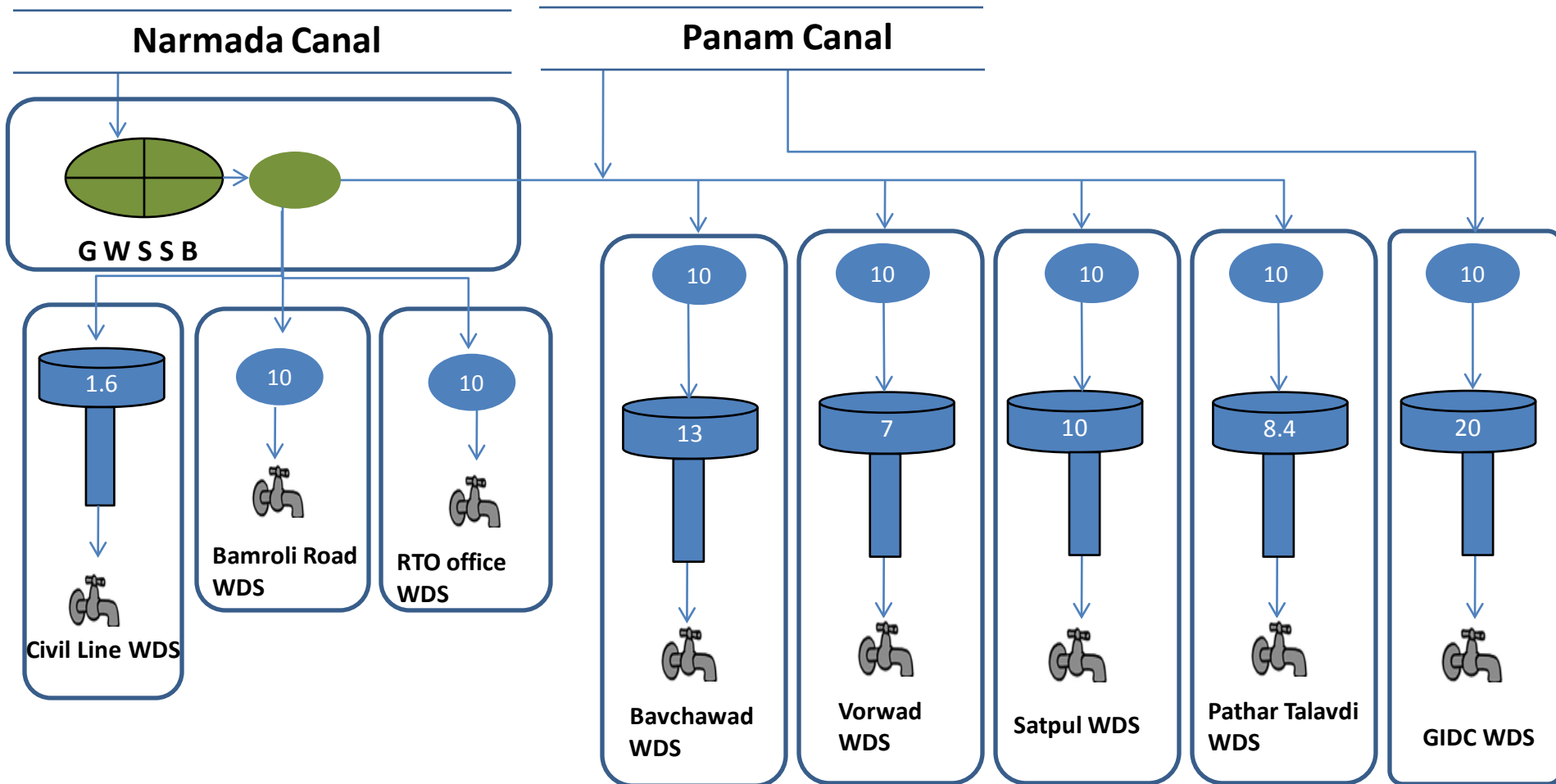
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Godhra Municipality (Class-A)



WATER LOSS

Water Production at Source: 127.00 Lakh Litres/Day

Water Estimated consumption quantity: 115.00 Lakh Litres/Day

Estimated Total Loss: 12.00 Lakh Litres/Day



WTP

Bore/
TubeWell/Open
Well

Sump



ESR

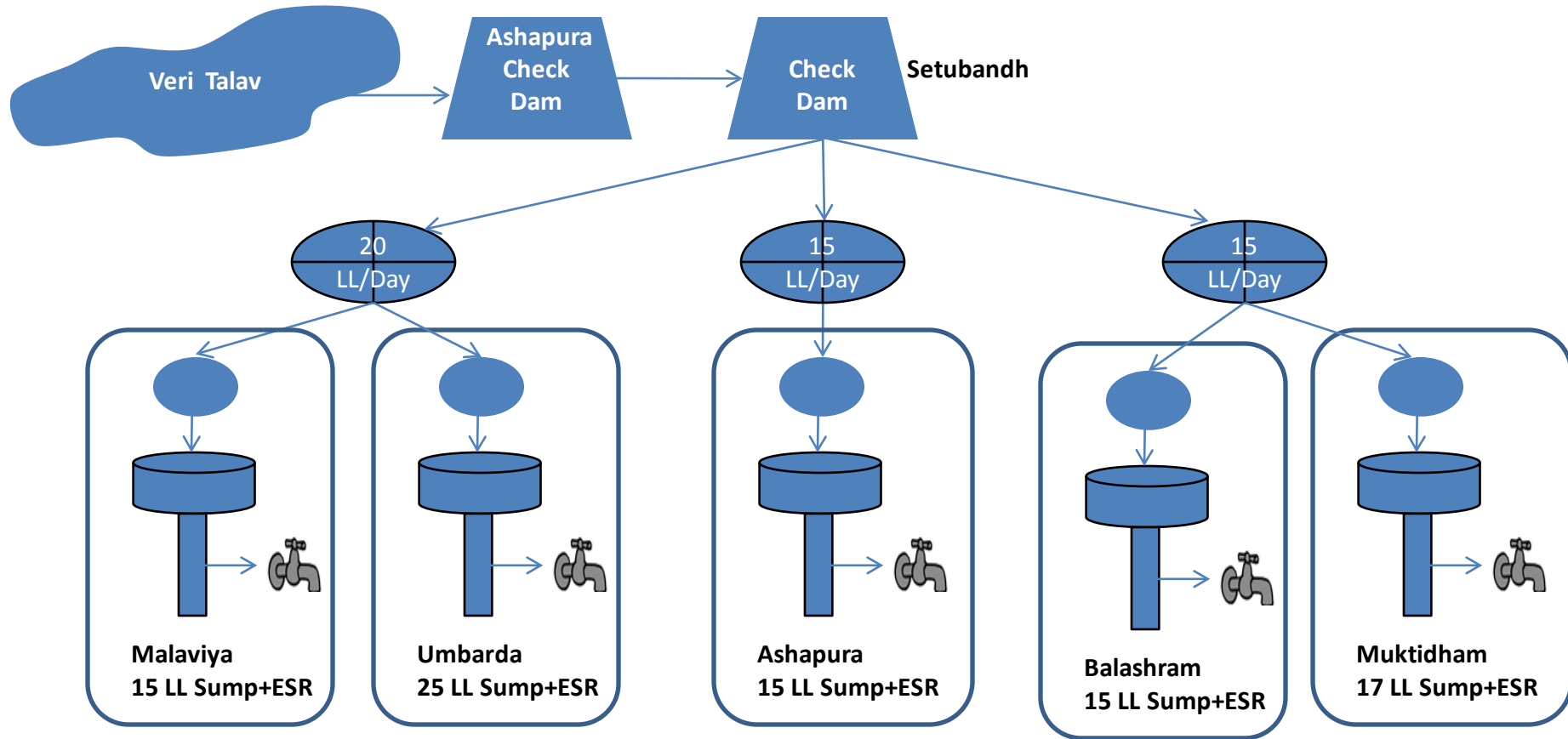
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Gondal Municipality (Class-B)



WATER LOSS

Water Production at Source: 100.00 Lakh Litres/Day
 Water Estimated consumption quantity: 81.11 Lakh Litres/Day
 Estimated Total Loss: 18.90 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



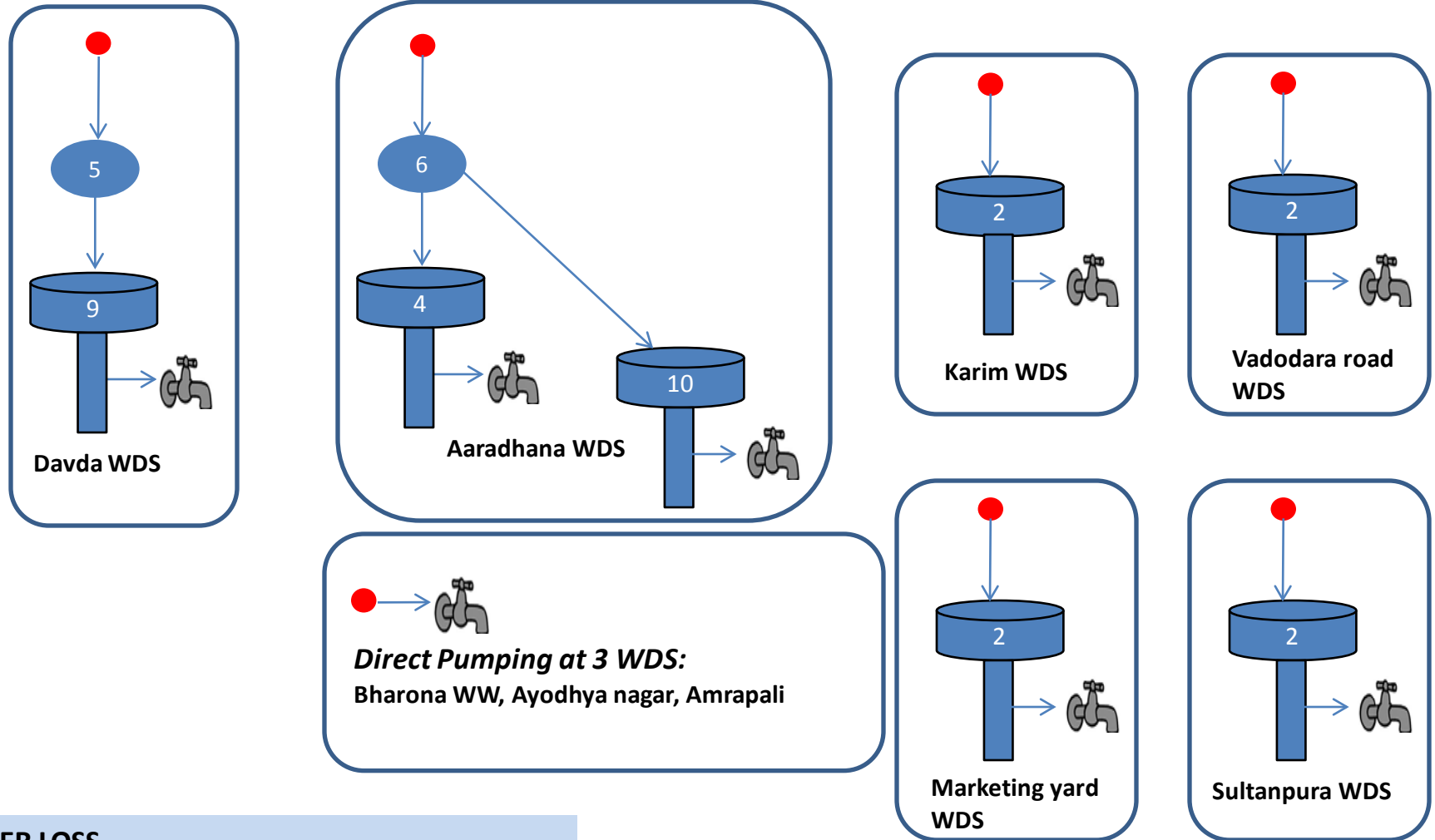
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Halol Municipality (Class-C)



WATER LOSS

Water Production at Source: 60.00 Lakh Litres/Day

Water Estimated consumption quantity: 41.52 Lakh Litres/Day

Estimated Total Loss: 18.48 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



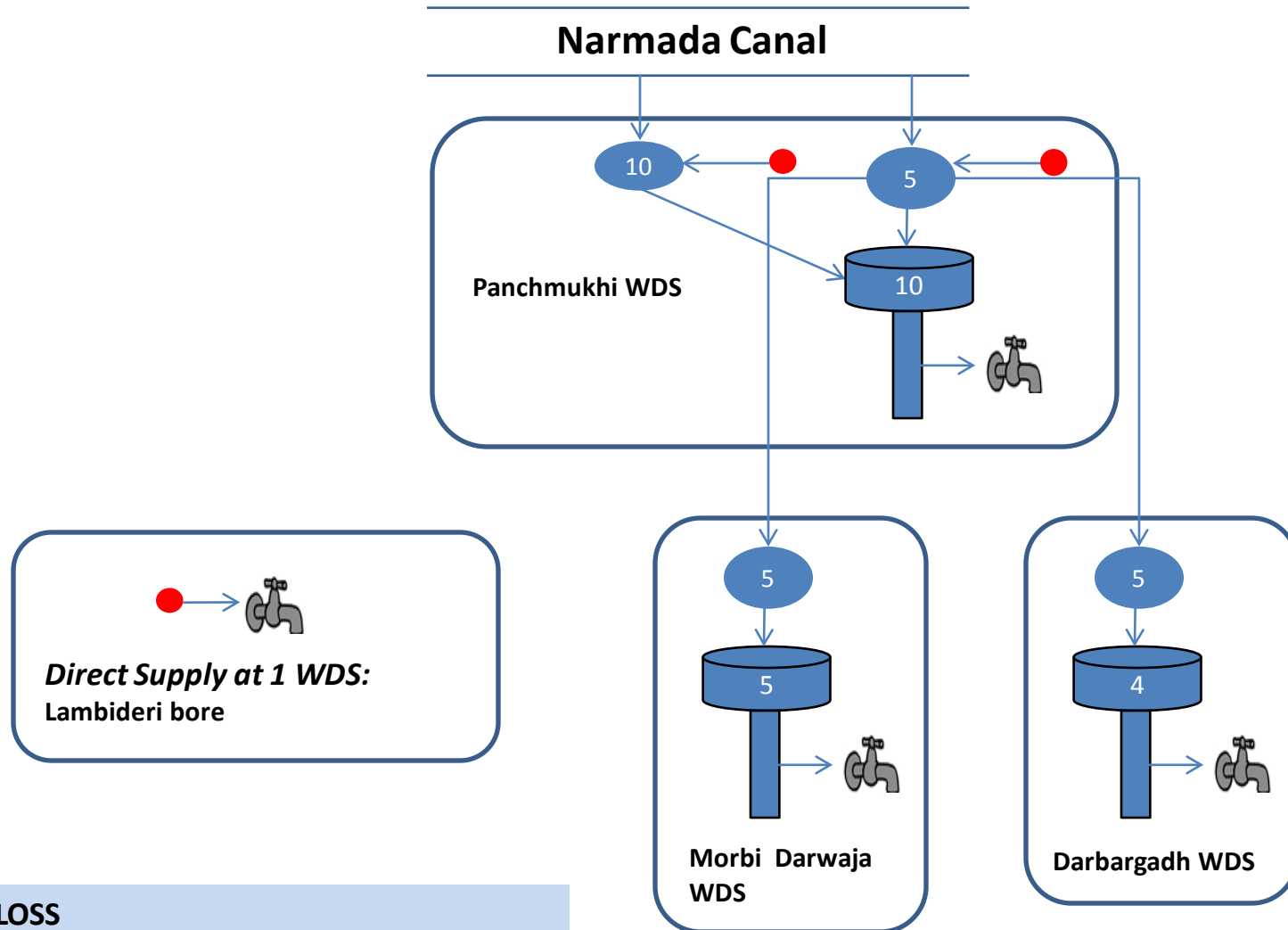
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Halvad Municipality (Class-D)



WATER LOSS

Water Production at Source: 35.00 Lakh Litres/Day

Water Estimated consumption quantity: 27.84 Lakh Litres/Day

Estimated Total Loss: 7.16 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



HGLR

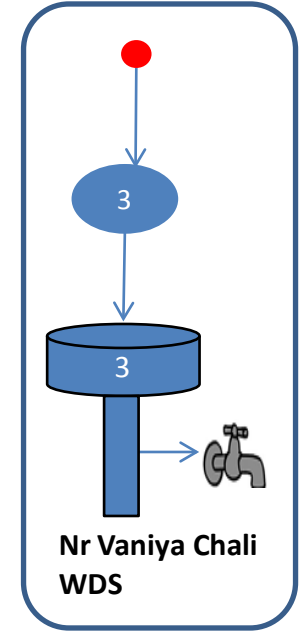
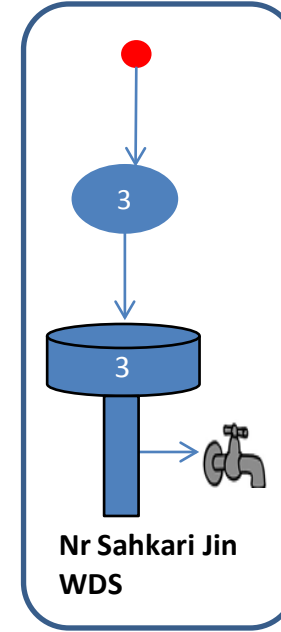
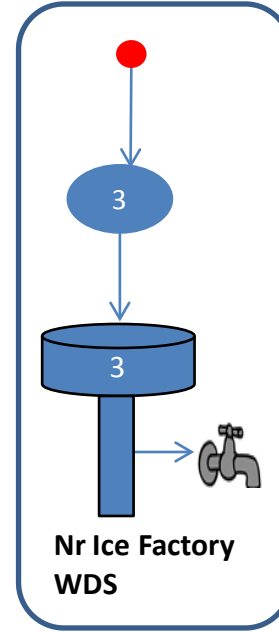
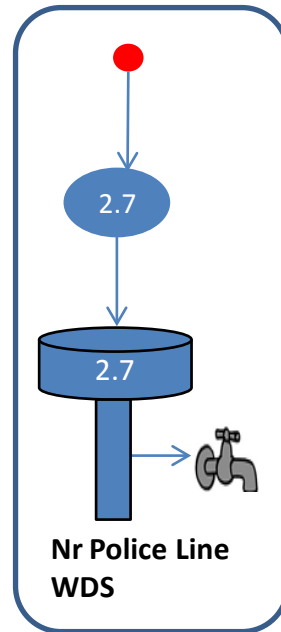
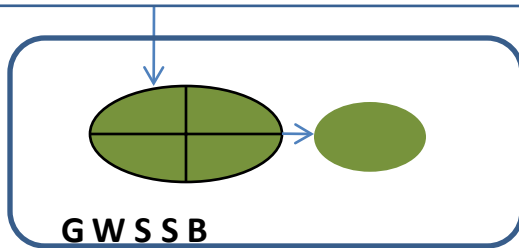


Consumer End

All units are in Lakh Litres ; As on 2012-13

Harij Municipality (Class-D)

Narmada Canal

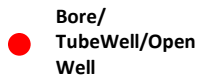


WATER LOSS

Water Production at Source: 24.00 Lakh Litres/Day

Water Estimated consumption quantity: 19.34 Lakh Litres/Day

Estimated Total Loss: 4.66 Lakh Litres/Day



All units are in Lakh Litres ; As on 2012-13

Himmatnagar Municipality (Class-B)

Narmada Canal

GWSSB

12

2

Mehtapura
WDS

9

20

9
Main Bagicha
WDS

9

20

5
Khadachiya Talav
WDS

12

8
Gokul nagar
WDS

WATER LOSS

Water Production at Source: 104.00 Lakh Litres/Day
Water Estimated consumption quantity: 96.15 Lakh Litres/Day
Estimated Total Loss: 7.86 Lakh Litres/Day



WTP

Bore/
TubeWell/Open
Well



Sump



ESR



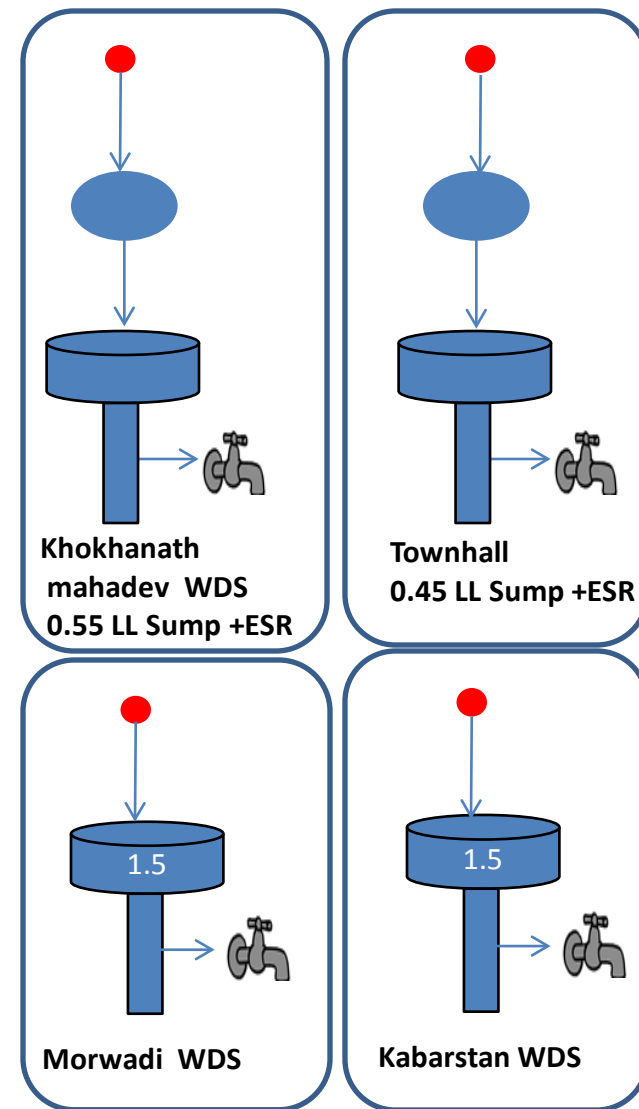
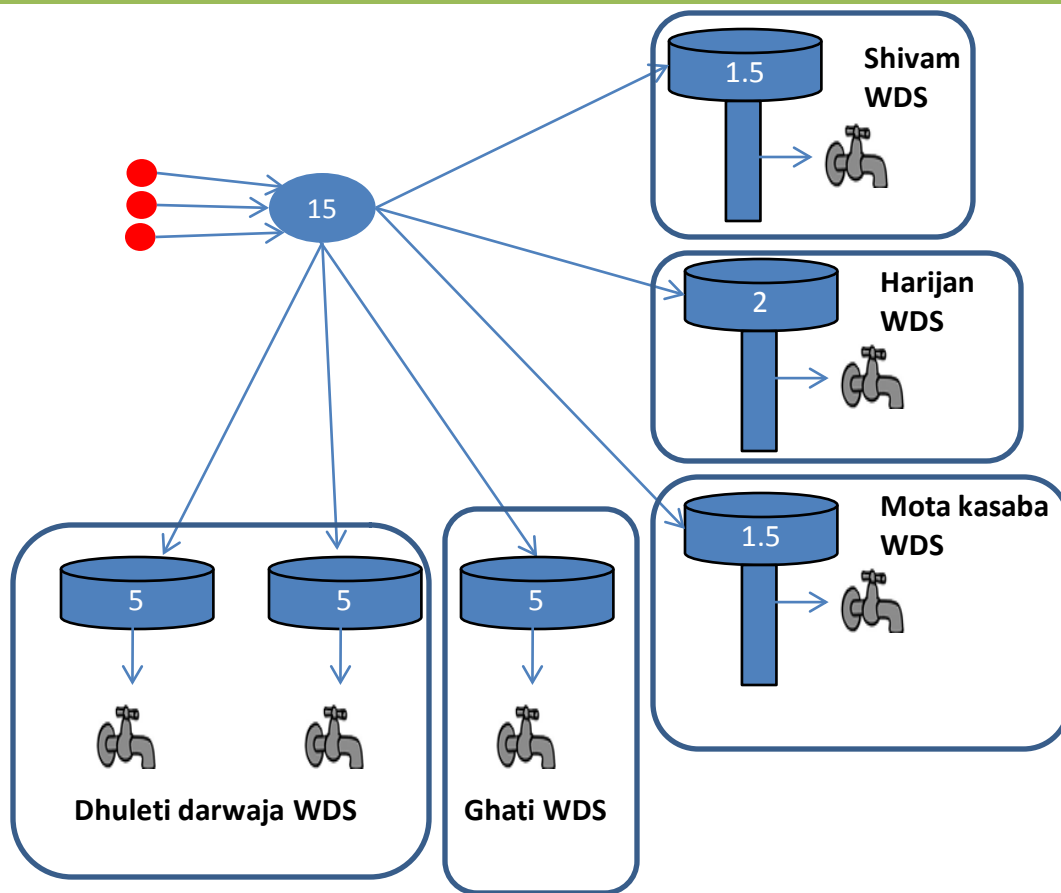
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Idar Municipality (Class-C)



WATER LOSS

Water Production at Source: 27.50 Lakh Litres/Day
 Water Estimated consumption quantity: 19.56 Lakh Litres/Day
 Estimated Total Loss: 7.94 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



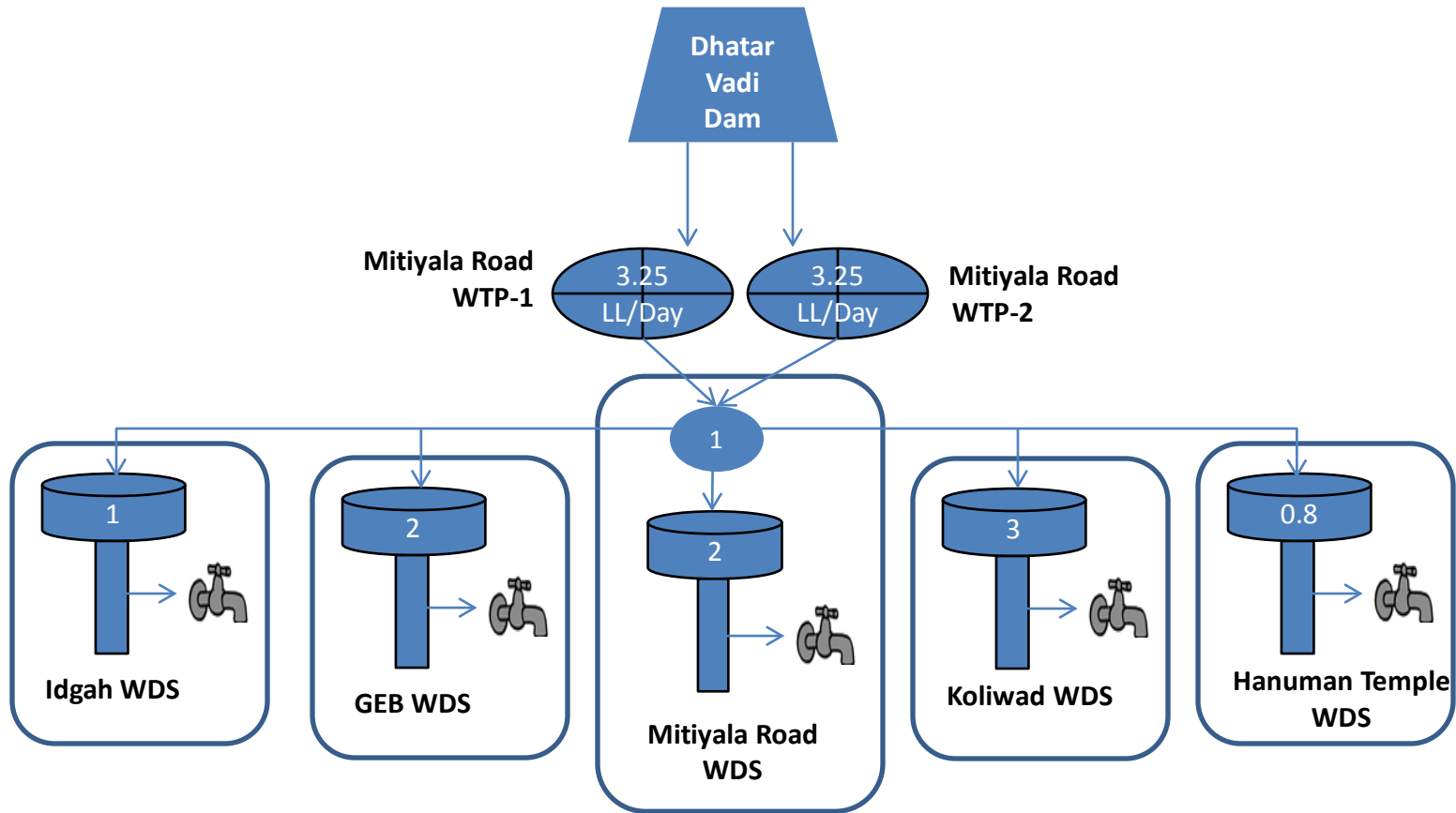
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Jaffrabad Municipality (Class-C)



WATER LOSS

Water Production at Source: 11.00 Lakh Litres/Day
 Water Estimated consumption quantity: 8.28 Lakh Litres/Day
 Estimated Total Loss: 2.72 Lakh Litres/Day



WTP

59

Bore/
TubeWell/Open
Well



Sump



ESR



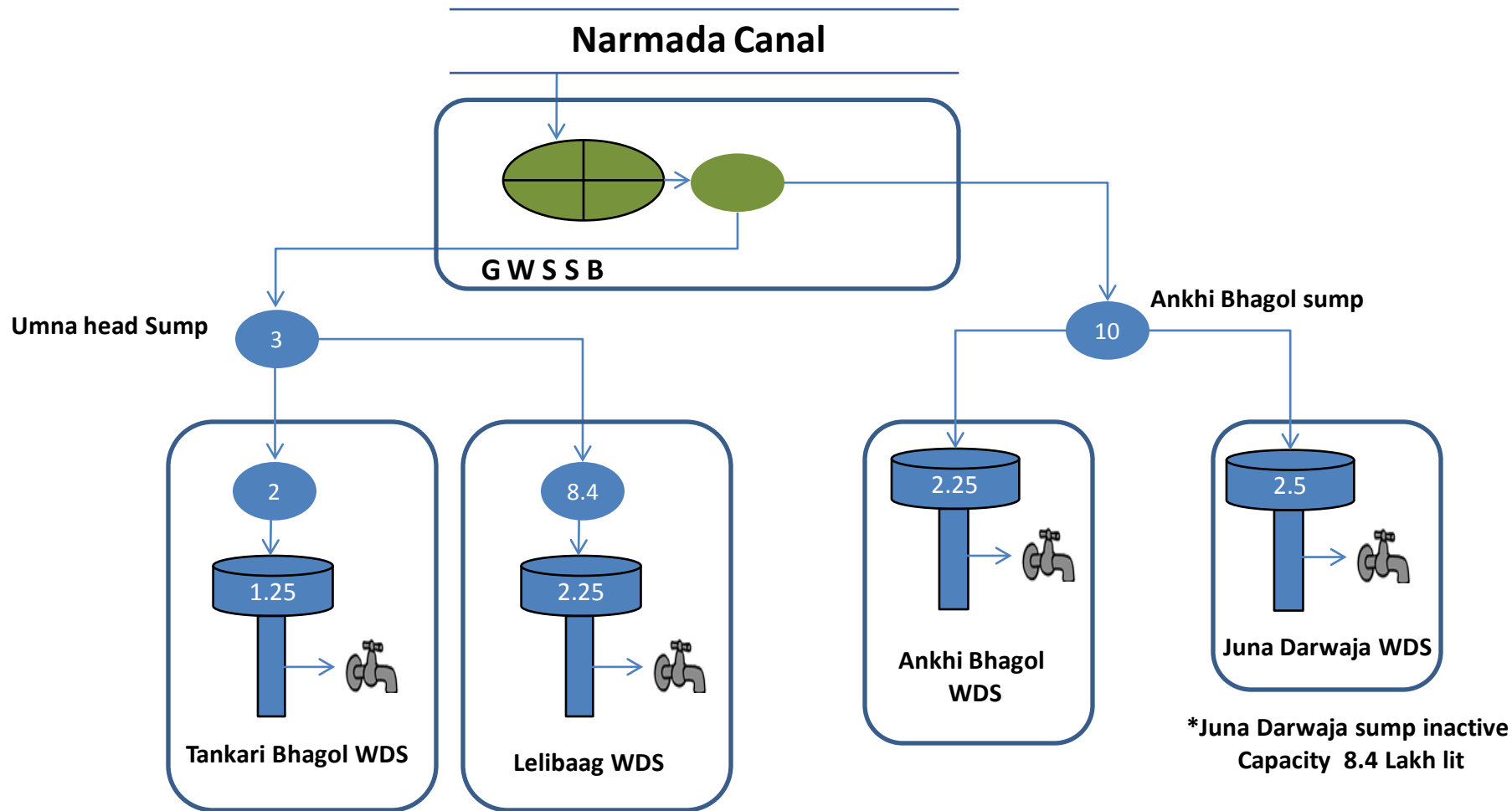
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Jambusar Municipality (Class-C)



WATER LOSS

Water Production at Source: 46.50 Lakh Litres/Day
 Water Estimated consumption quantity: 41.88 Lakh Litres/Day
 Estimated Total Loss: 4.62 Lakh Litres/Day



WTP

Bore/
TubeWell/Open
Well



Sump



ESR



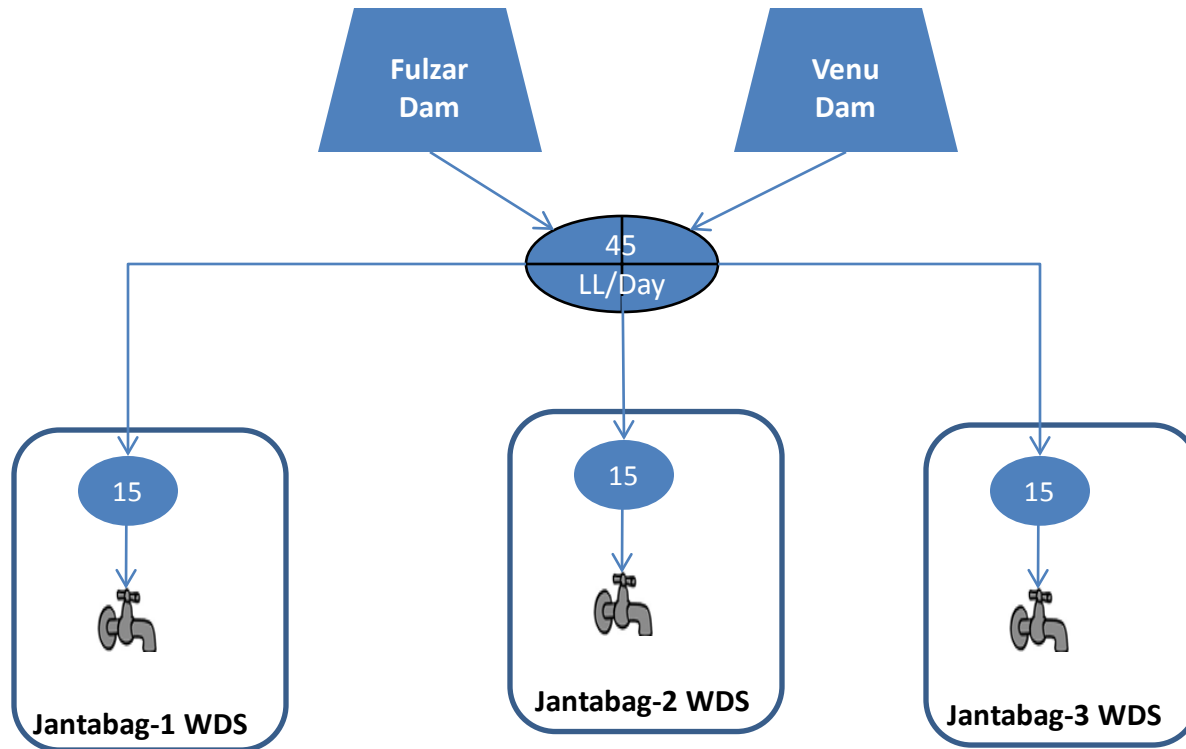
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Jamjodhpur Municipality (Class-D)



WATER LOSS

Water Production at Source: 55.00 Lakh Litres/Day
Water Estimated consumption quantity: 29.50 Lakh Litres/Day
Estimated Total Loss: 25.50 Lakh Litres/Day



WTP

61

Bore/
TubeWell/Open
Well



ESR



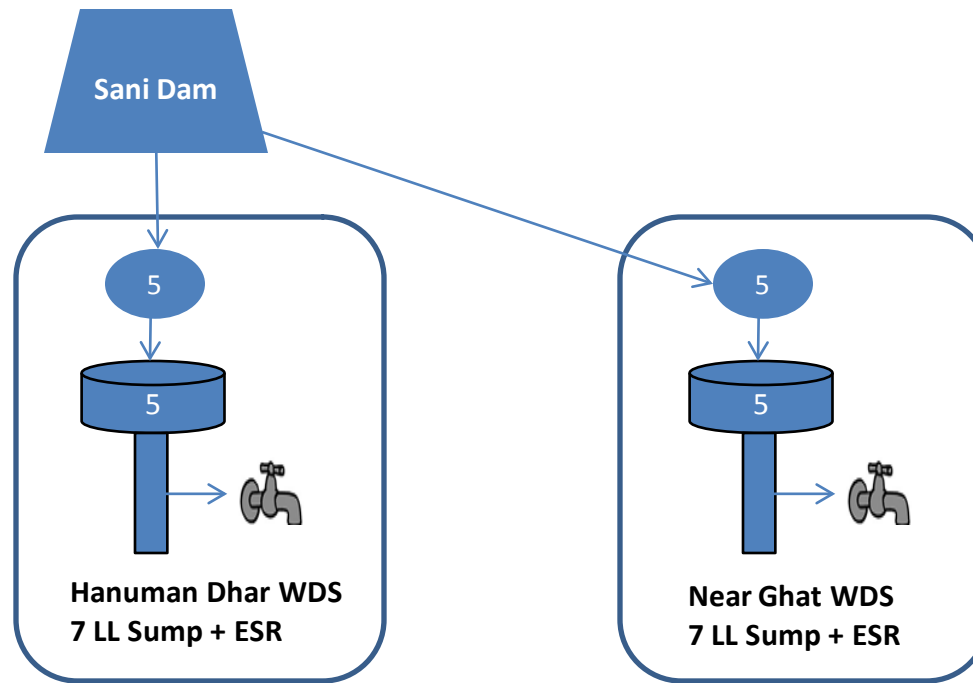
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Jam Rawal Municipality (Class-D)



WATER LOSS

Water Production at Source: 9.00 Lakh Litres/Day

Water Estimated consumption quantity: 8.21 Lakh Litres/Day

Estimated Total Loss: 0.79 Lakh Litres/Day



WTP

62



Bore/
TubeWell/Open
Well



Sump



ESR



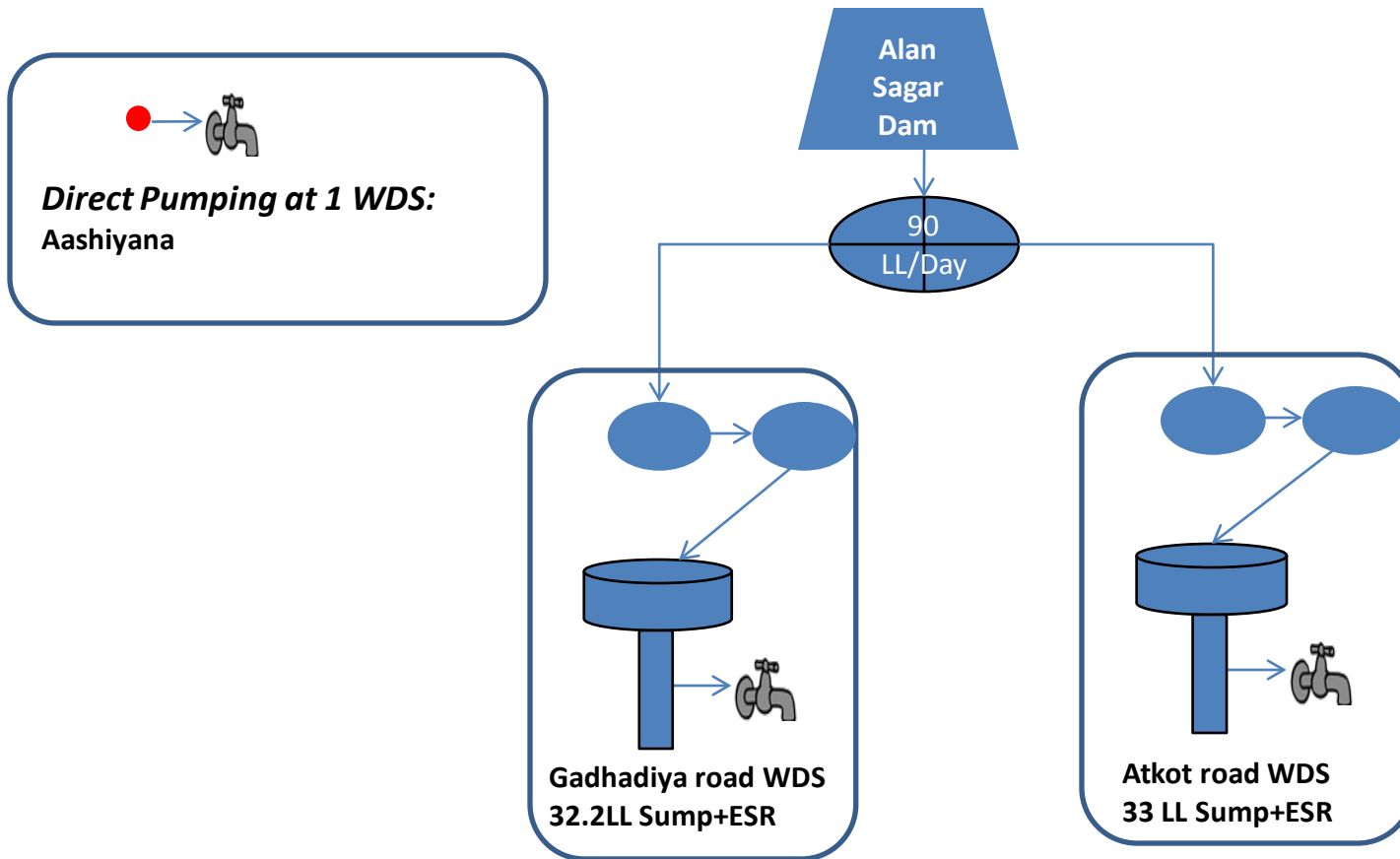
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Jasdan Municipality (Class-C)



WATER LOSS

Water Production at Source: 60.00 Lakh Litres/Day
 Water Estimated consumption quantity: 45.00 Lakh Litres/Day
 Estimated Total Loss: 15.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



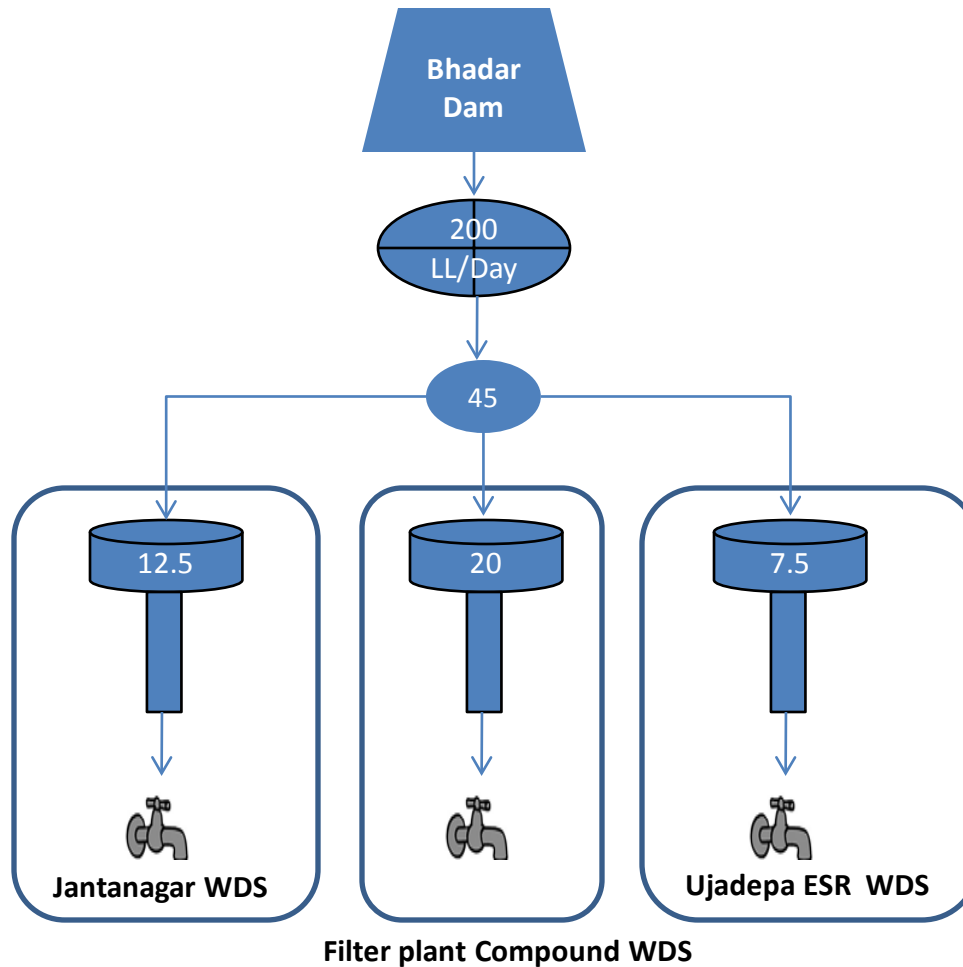
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Jetpur Municipality (Class-A)



WATER LOSS

Water Production at Source: 145.00 Lakh Litres/Day

Water Estimated consumption quantity: 119.20 Lakh Litres/Day

Estimated Total Loss: 25.80 Lakh Litres/Day



WTP

64

Bore/
TubeWell/Open
Well



Sump



ESR



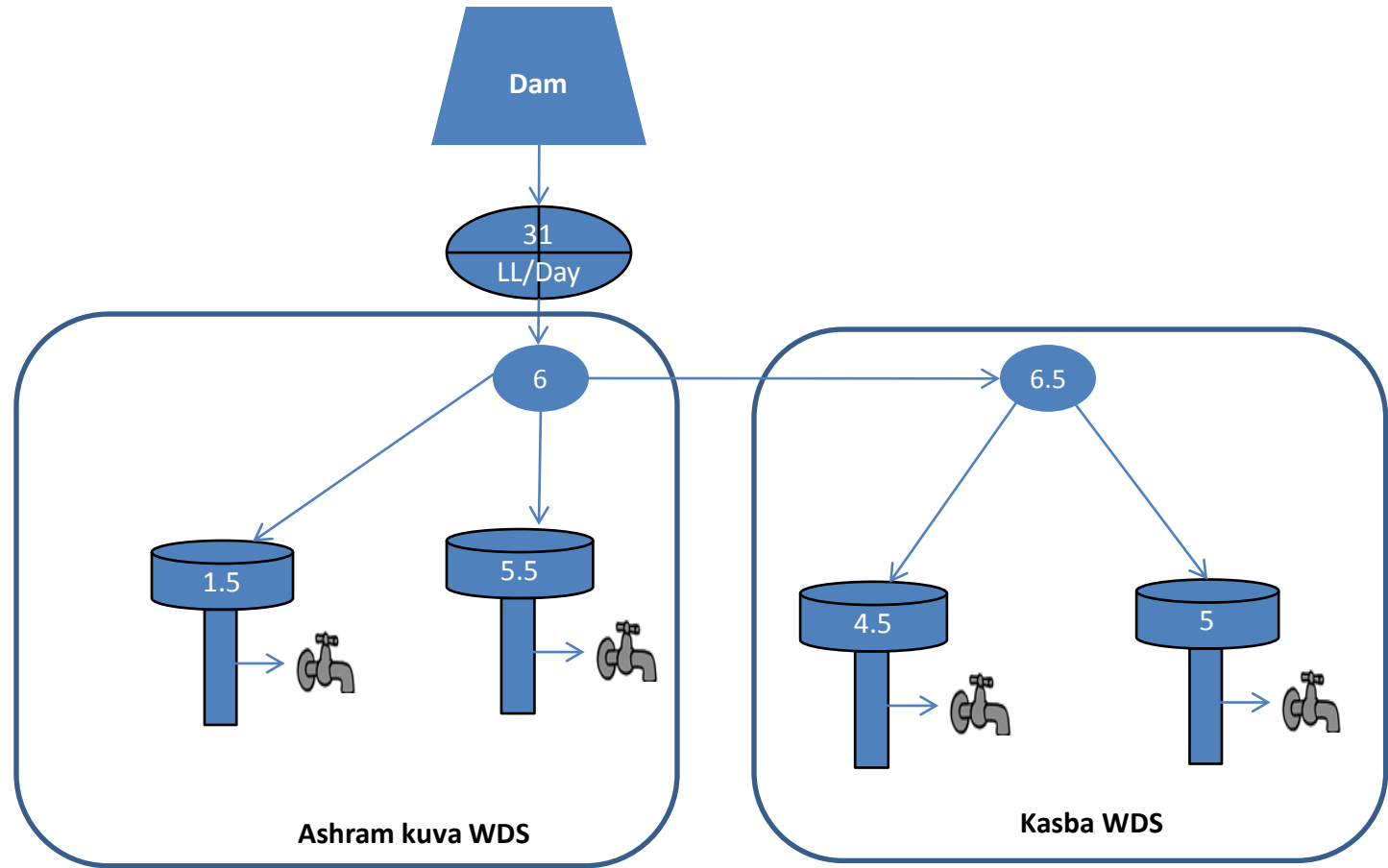
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Jhalod Municipality (Class-C)



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day
 Water Estimated consumption quantity: 18.00 Lakh Litres/Day
 Estimated Total Loss: 2.00 Lakh Litres/Day



WTP

65

Bore/
TubeWell/Open
Well



Sump



ESR



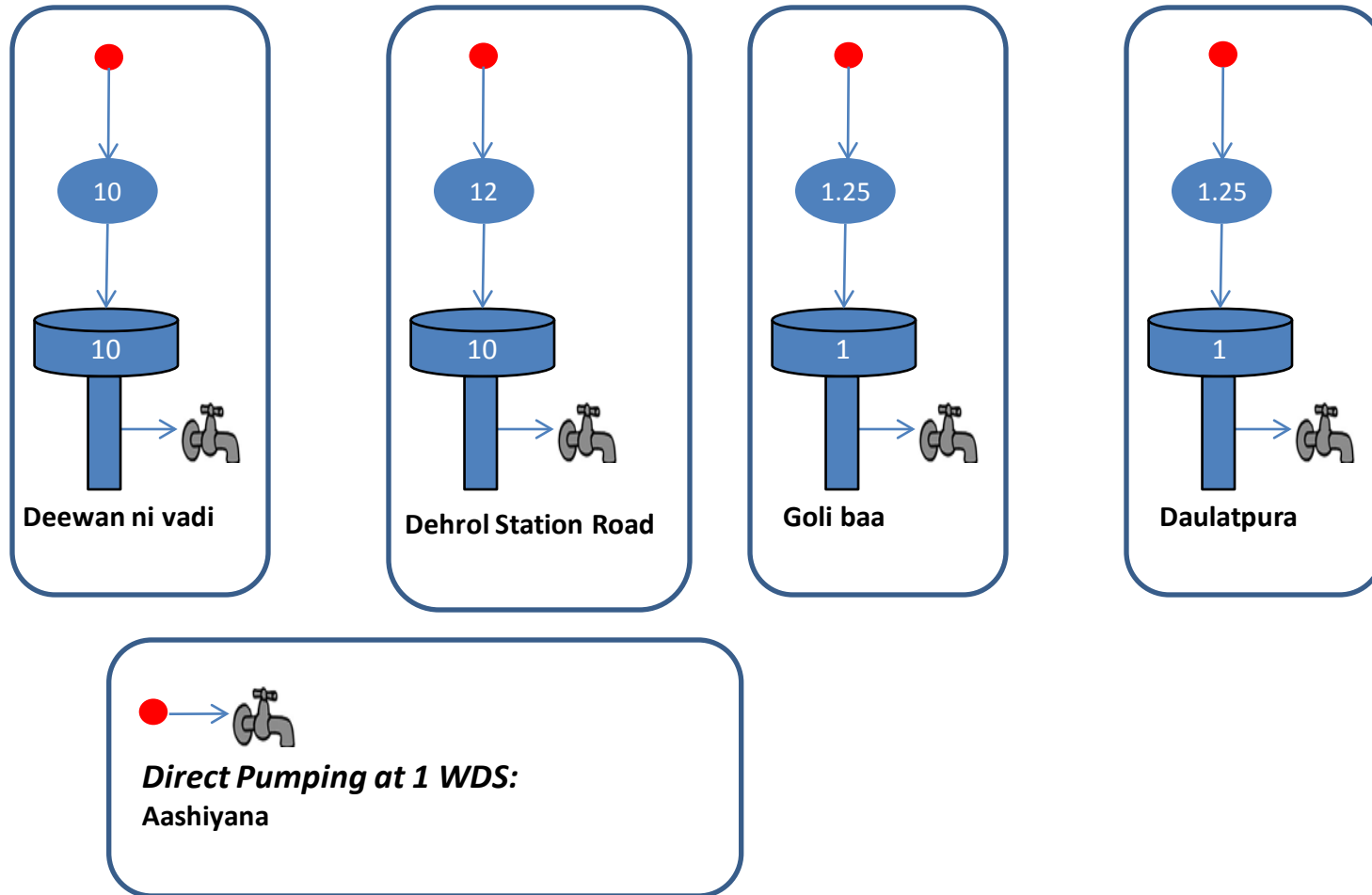
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kaalol (Panchmahal) Municipality (Class-D)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day
 Water Estimated consumption quantity: 22.70 Lakh Litres/Day
 Estimated Total Loss: 2.30 Lakh Litres/Day



WTP

66

Bore/
TubeWell/Open
Well



Sump



ESR



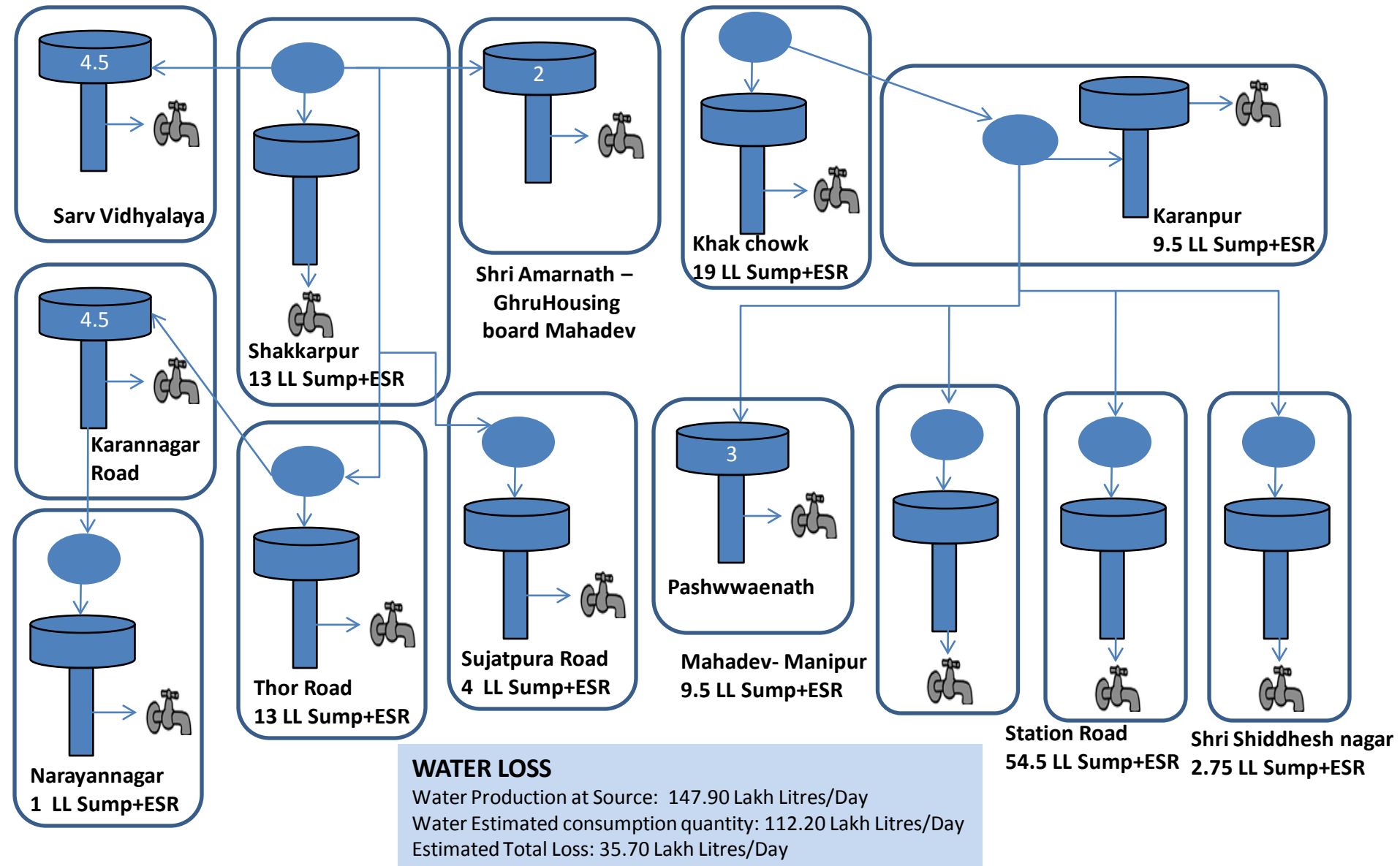
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kadi Municipality (Class-B)



WTP

67

Bore/
TubeWell/Open
Well



Sump



ESR



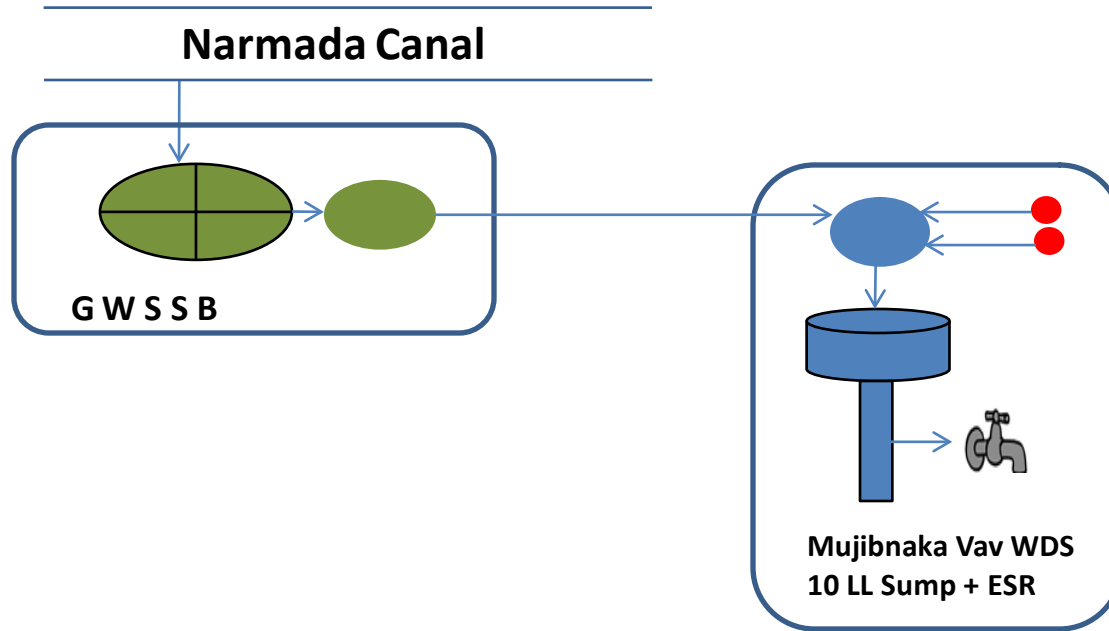
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kalavad Municipality (Class-D)



WATER LOSS

Water Production at Source: 29.00 Lakh Litres/Day
Water Estimated consumption quantity: 24.90 Lakh Litres/Day
Estimated Total Loss: 4.10 Lakh Litres/Day



WTP

68

Bore/
TubeWell/Open
Well



Sump



ESR



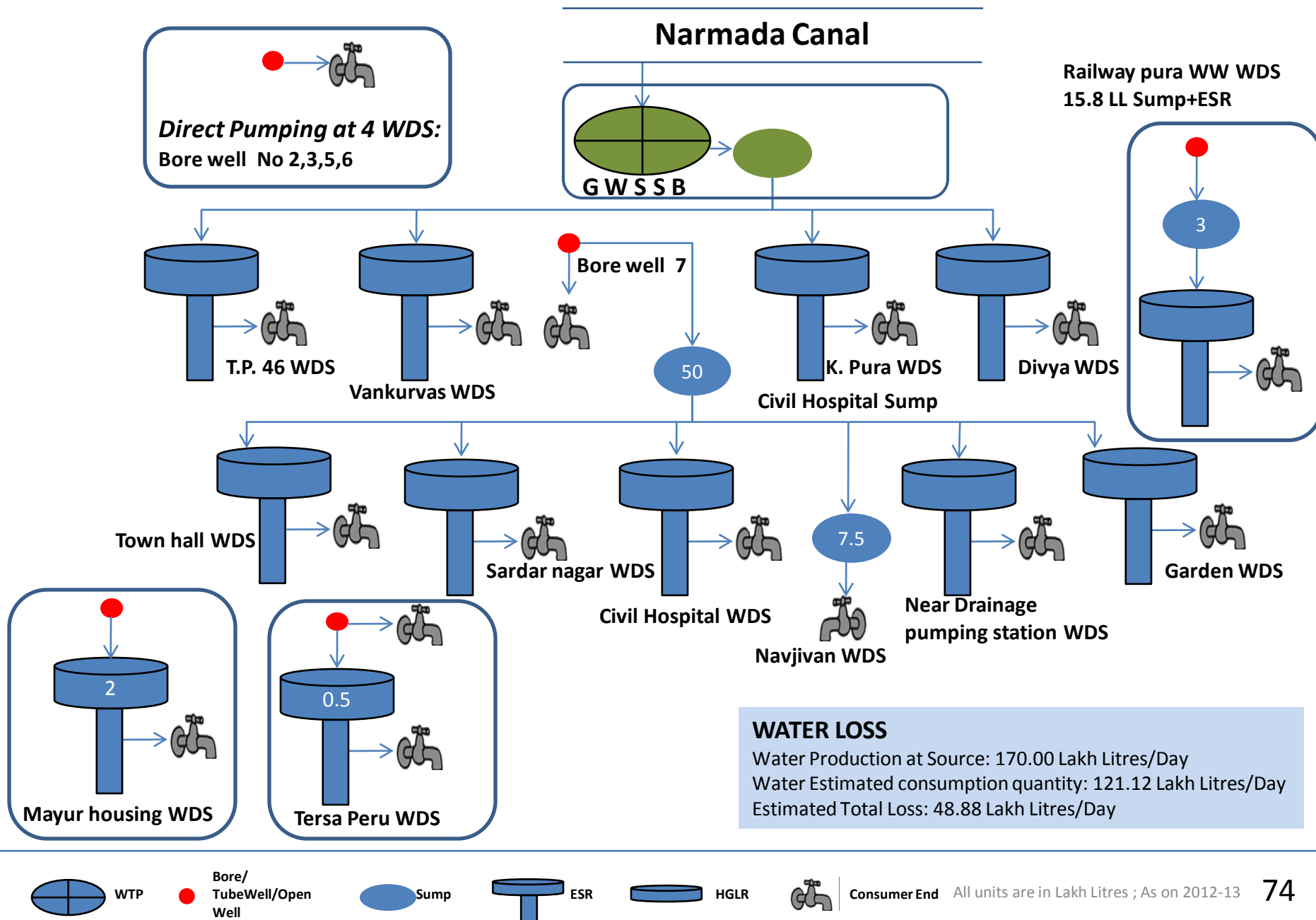
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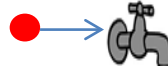


Consumer End

All units are in Lakh Litres ; As on 2012-13

Kalol Municipality (Class-A)





Direct Pumping at 6 WDS:

**Near Swaminarayan Mandir, Ambaji Temple, Indira Nagar,
Anandpura, Ranchavpura, Nr. Kumnath Mahadev**

WATER LOSS

Water Production at Source: 24.50 Lakh Litres/Day

Water Estimated consumption quantity: 21.30 Lakh Litres/Day

Estimated Total Loss: 3.20 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



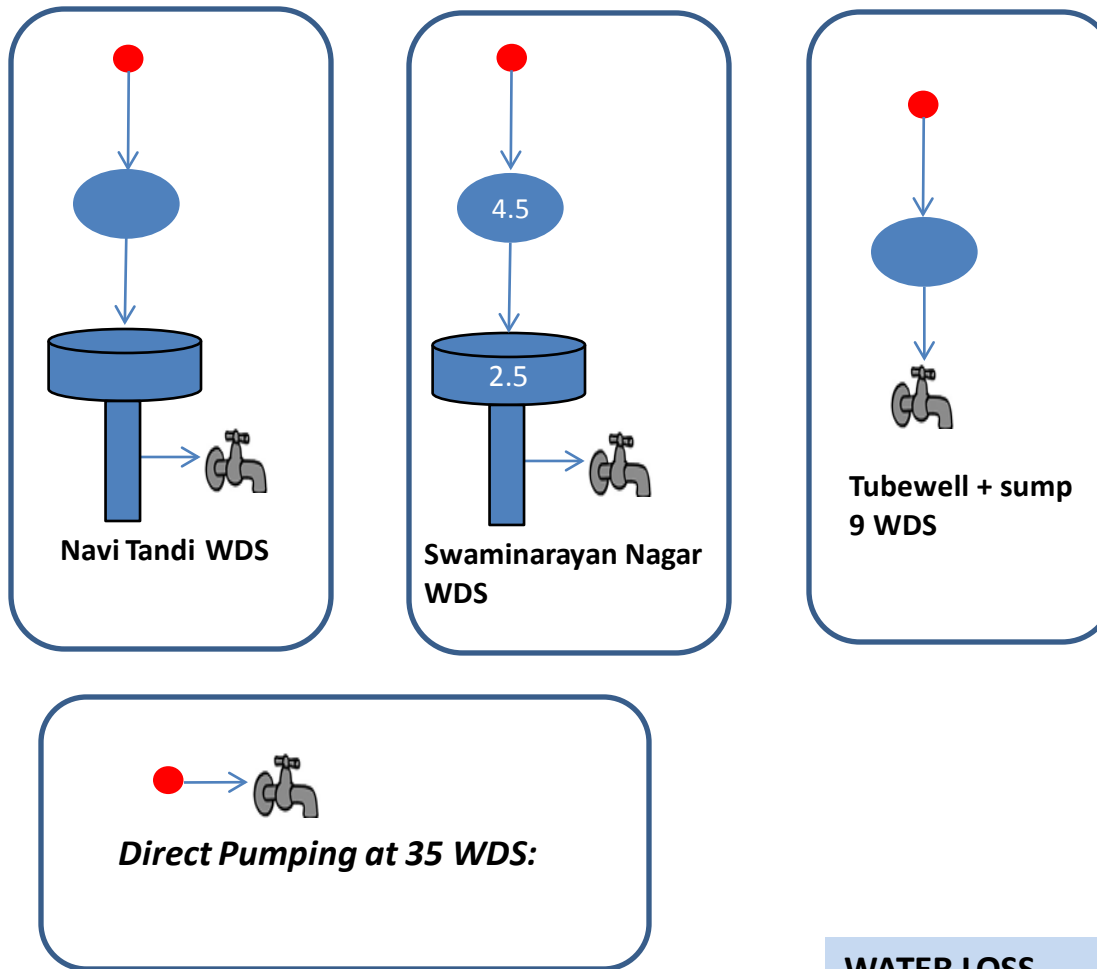
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kansad Municipality (Class-D)



WATER LOSS

Water Production at Source: 36.00 Lakh Litres/Day
 Water Estimated consumption quantity: 30.70 Lakh Litres/Day
 Estimated Total Loss: 5.30 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

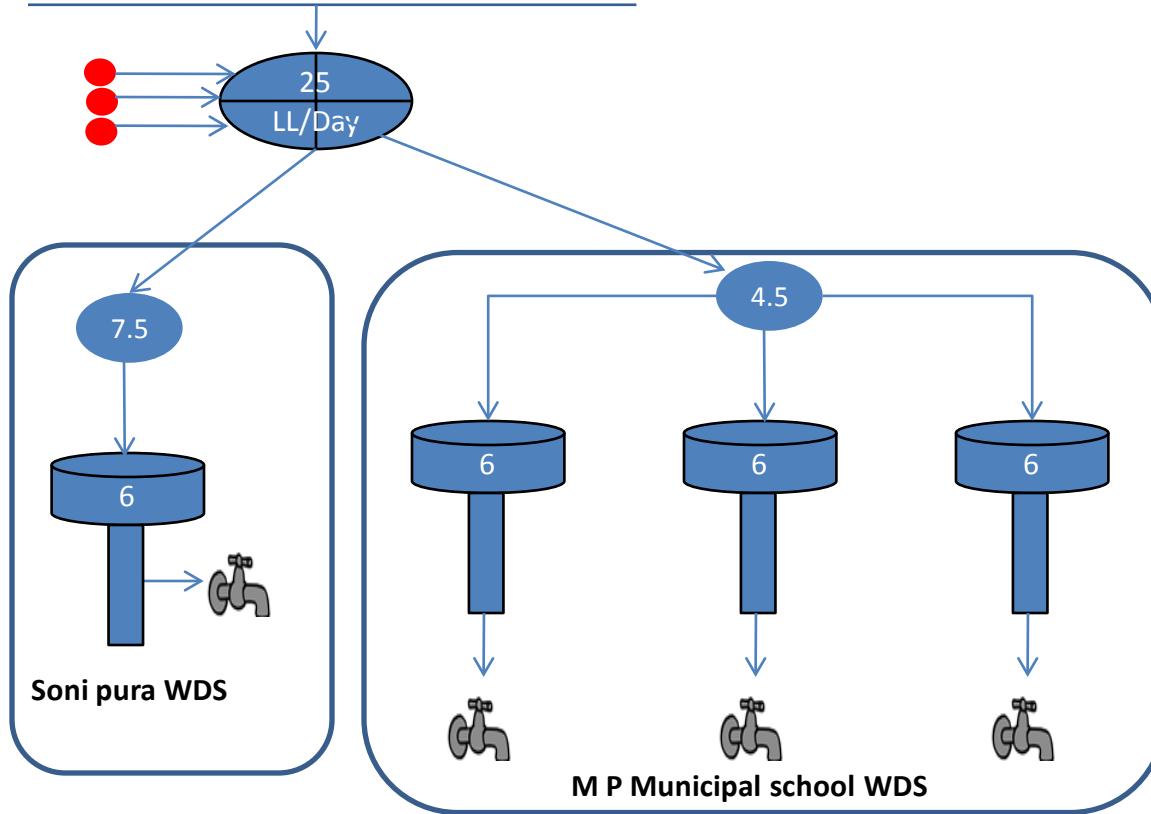


Consumer End

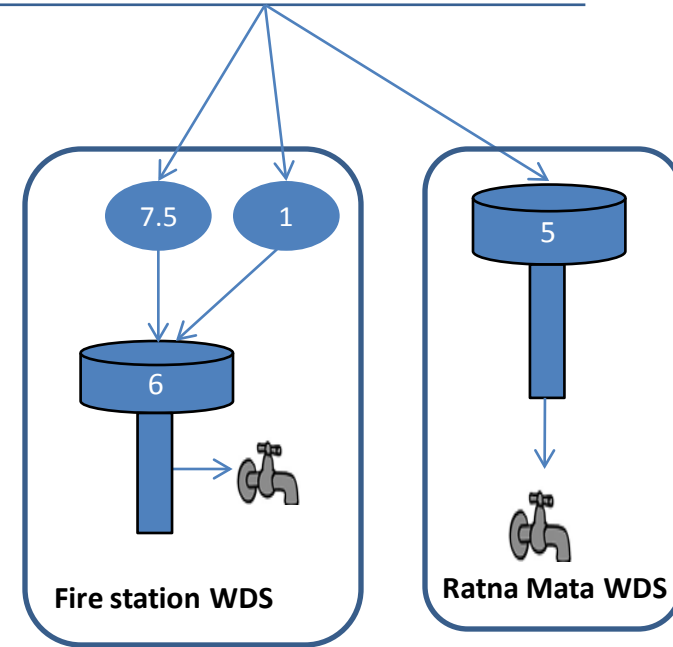
All units are in Lakh Litres ; As on 2012-13

Kapadvanj Municipality (Class-C)

Narmada Canal



Mahisagar Canal



WATER LOSS

Water Production at Source: 60.00 Lakh Litres/Day
 Water Estimated consumption quantity: 43.50 Lakh Litres/Day
 Estimated Total Loss: 16.50 Lakh Litres/Day



WTP

Bore/
TubeWell/Open
Well



Sump



ESR



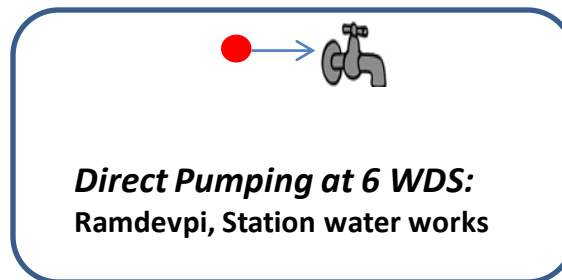
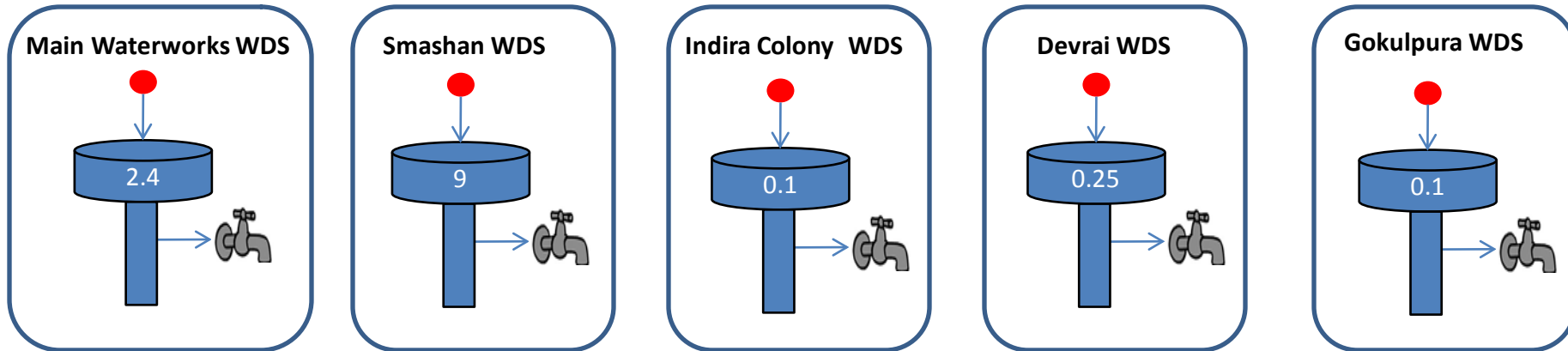
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Karamsad Municipality (Class-C)



WATER LOSS

Water Production at Source: 45.00 Lakh Litres/Day
 Water Estimated consumption quantity: 35.06 Lakh Litres/Day
 Estimated Total Loss: 9.94 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



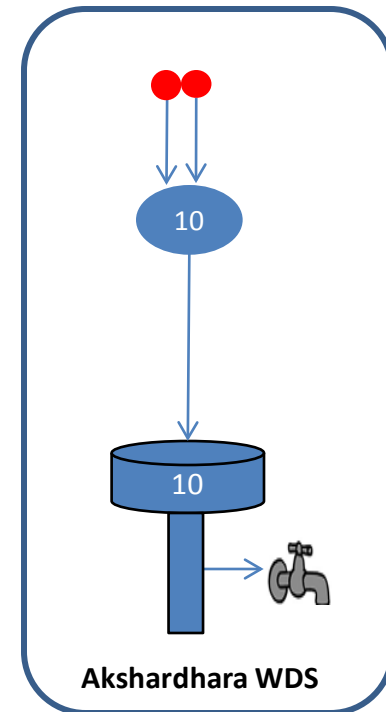
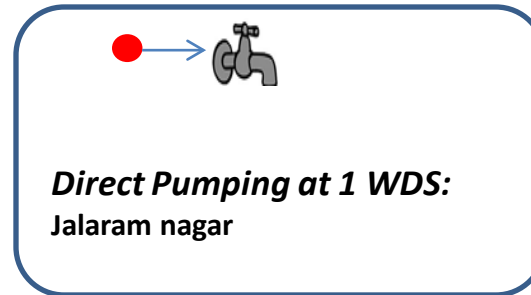
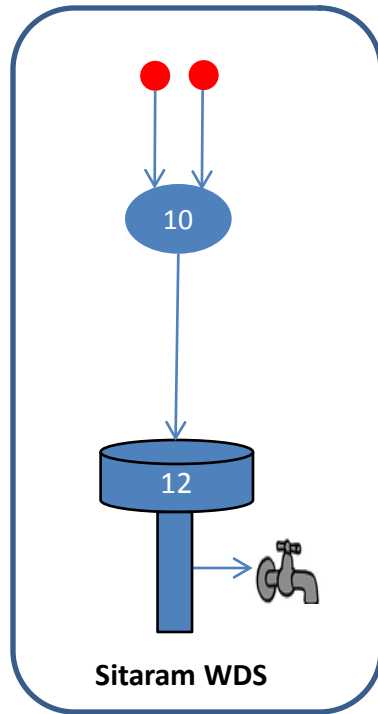
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Karjan Municipality (Class-C)



WATER LOSS

Water Production at Source: 43.50 Lakh Litres/Day

Water Estimated consumption quantity: 39.50 Lakh Litres/Day

Estimated Total Loss: 4.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13



Direct Pumping at 8 WDS:

Laxmi Kua, Bhatvada, Bhavsarbad, Ashapuri, Tekri Faliya,
Malekpura , Meldimata, Himmatpura

WATER LOSS

Water Production at Source: 40.00 Lakh Litres/Day

Water Estimated consumption quantity: 26.65 Lakh Litres/Day

Estimated Total Loss: 13.35 Lakh Litres/Day



WTP

75

Bore/
TubeWell/Open
Well



Sump



ESR



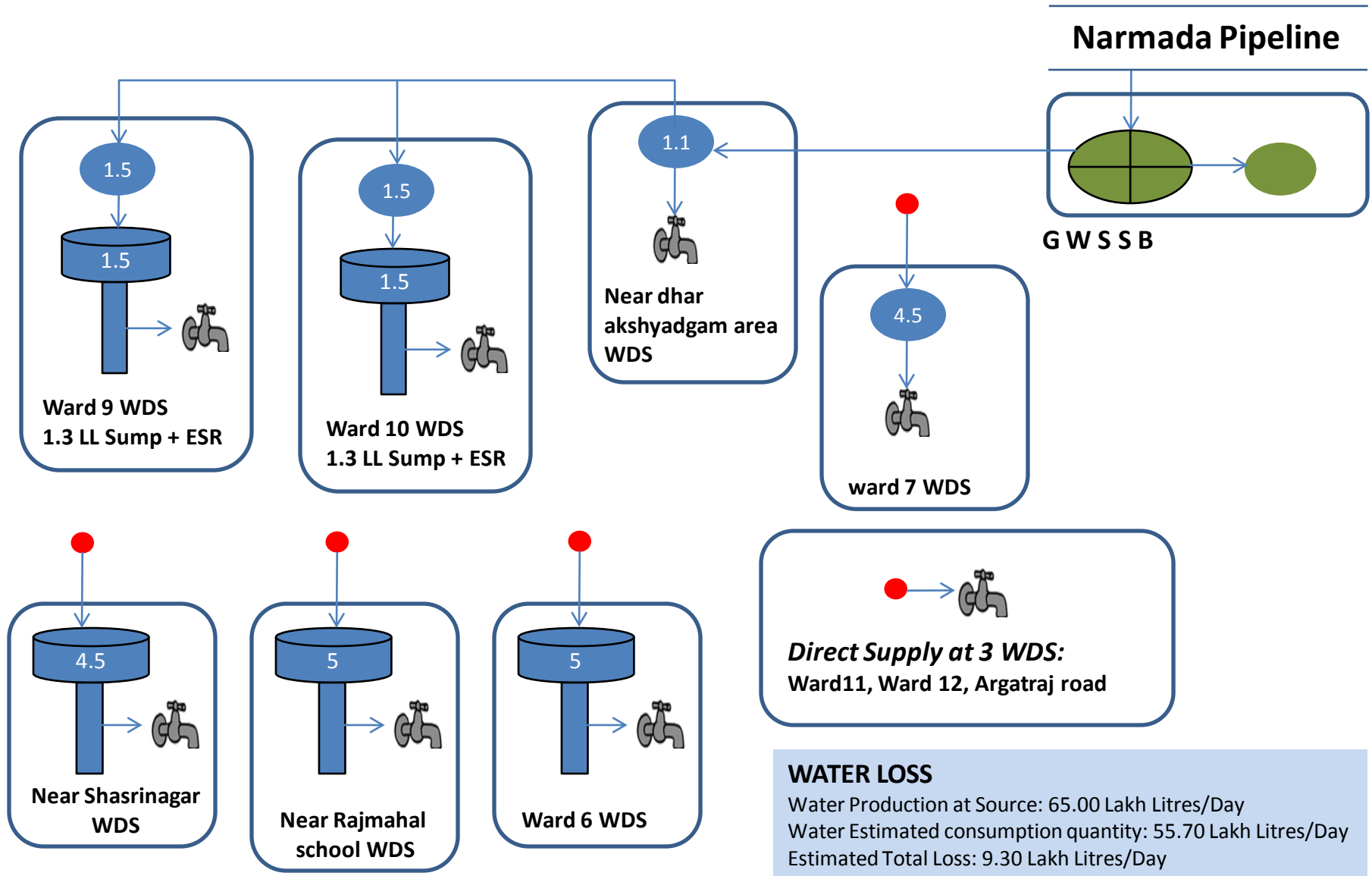
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Keshod Municipality (Class-B)



WTP

76

Bore/
TubeWell/Open
Well

Sump



ESR



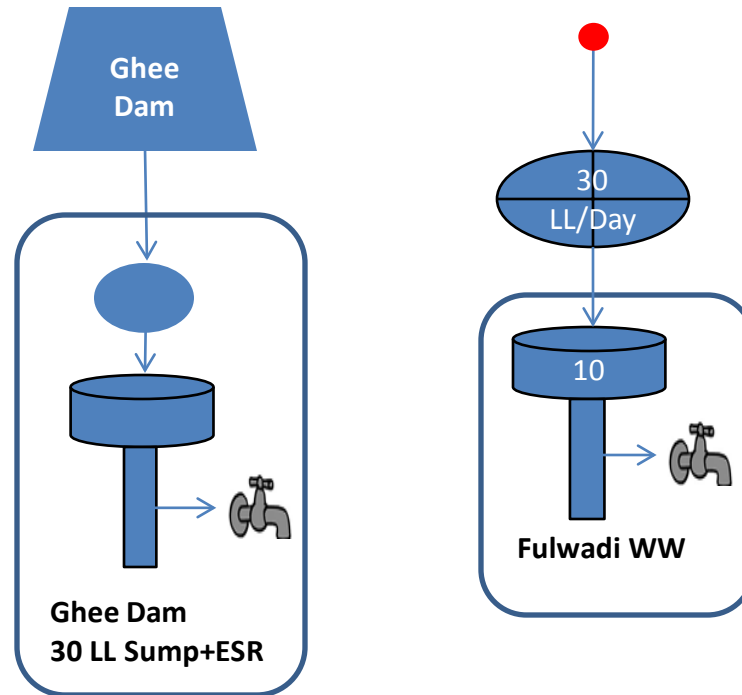
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Khambaliya Municipality (Class-C)



WATER LOSS

Water Production at Source: 50.00 Lakh Litres/Day

Water Estimated consumption quantity: 45.00 Lakh Litres/Day

Estimated Total Loss: 5.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



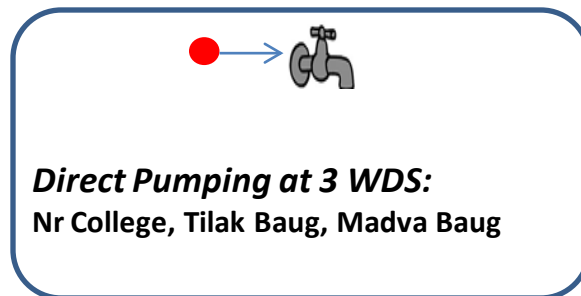
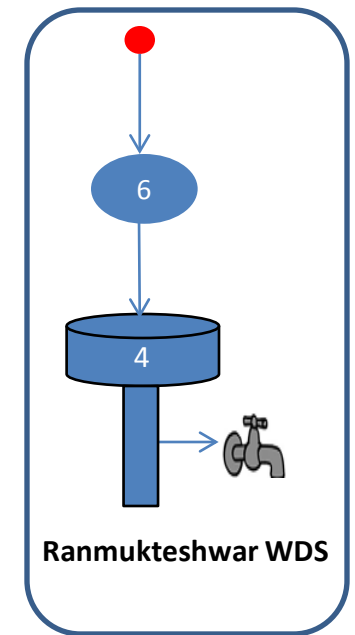
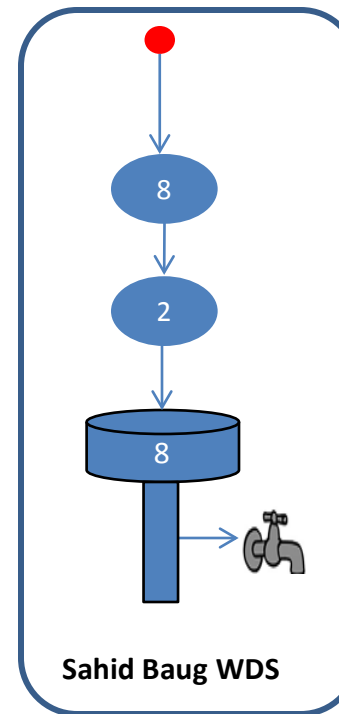
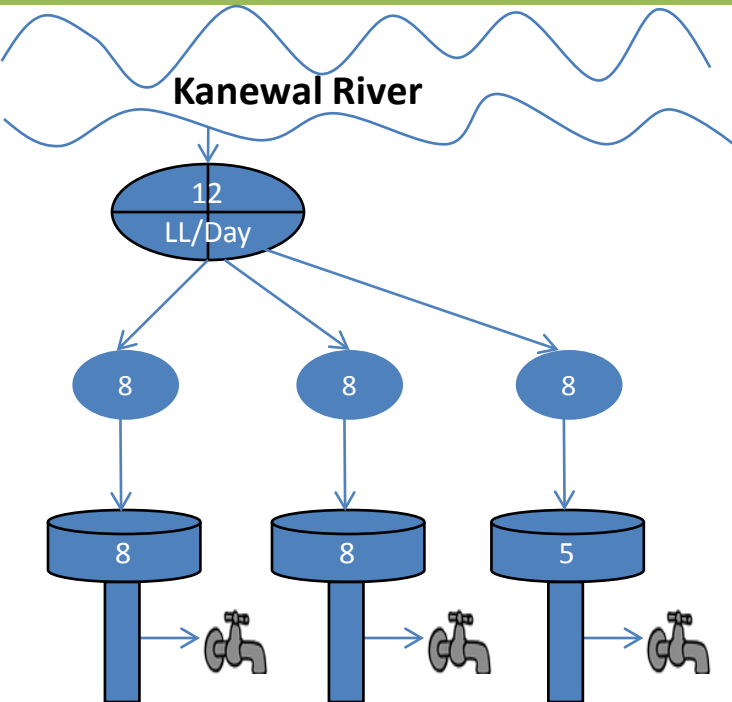
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Khambhat Municipality (Class-B)



WATER LOSS

Water Production at Source: 130.00 Lakh Litres/Day

Water Estimated consumption quantity: 101.10 Lakh Litres/Day

Estimated Total Loss: 28.90 Lakh Litres/Day



WTP

78

Bore/
TubeWell/Open
Well

Sump

ESR

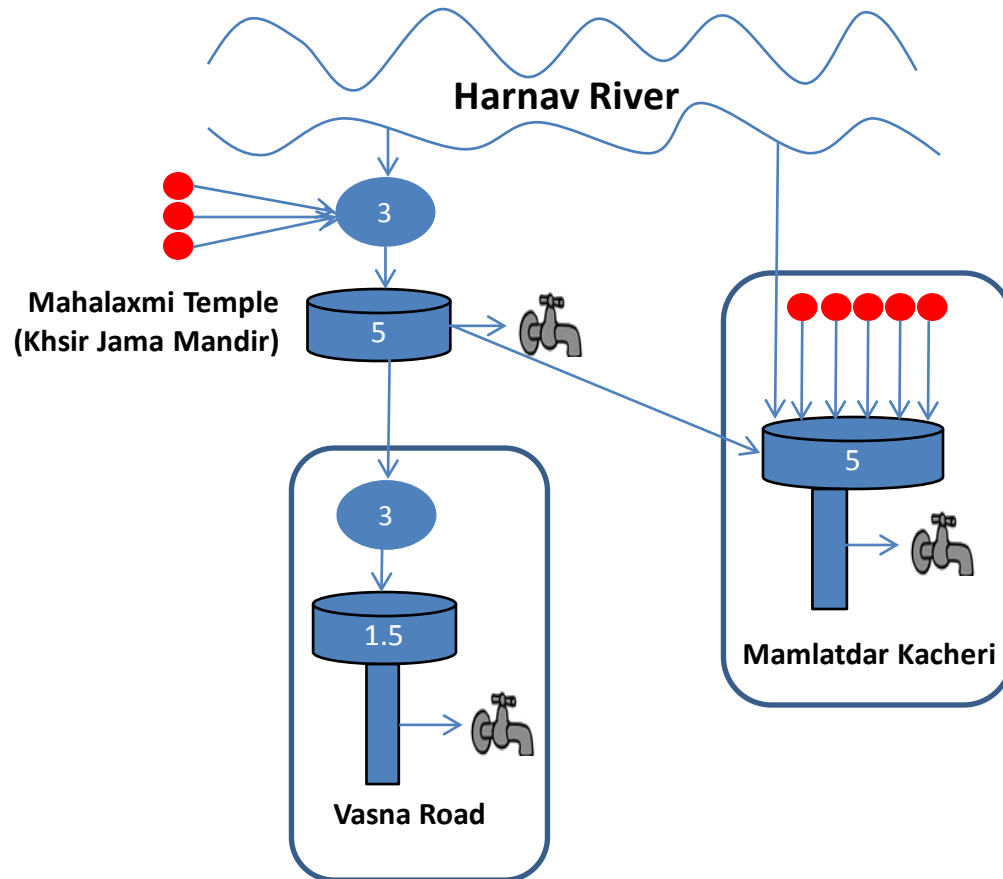
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Khedbrahma Municipality (Class-C)



WATER LOSS

Water Production at Source: 23.00 Lakh Litres/Day
Water Estimated consumption quantity: 20.40 Lakh Litres/Day
Estimated Total Loss: 2.60 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



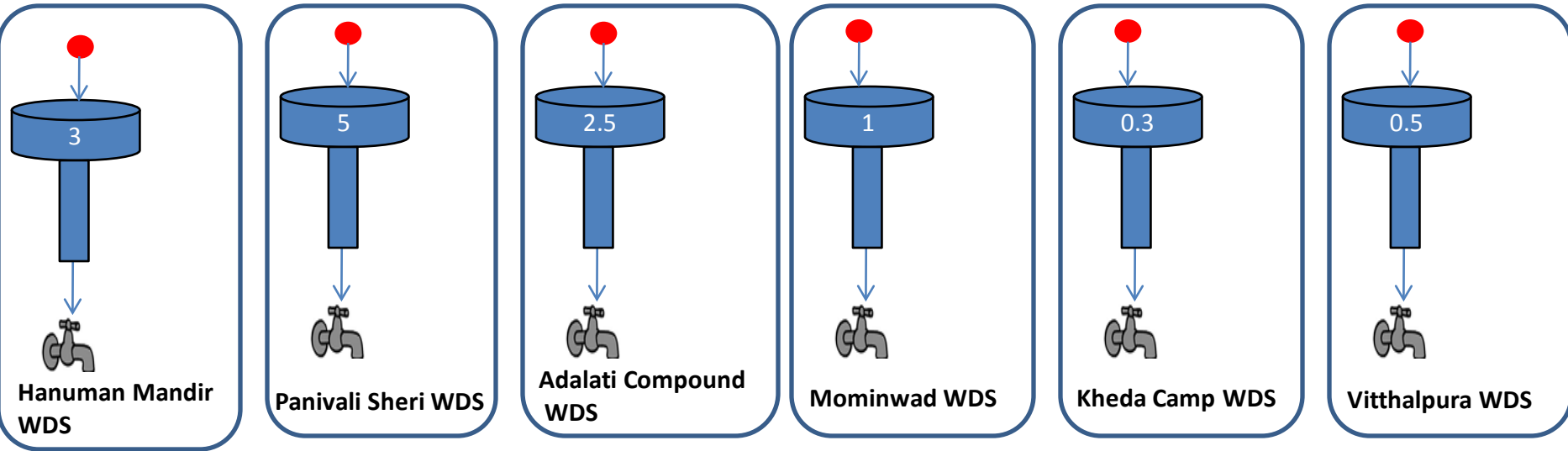
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kheda Municipality (Class-D)



Direct Pumping at 2 WDS:
Indira Nagar, Bagicha

WATER LOSS

Water Production at Source: 12.00 Lakh Litres/Day
Water Estimated consumption quantity: ND
Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



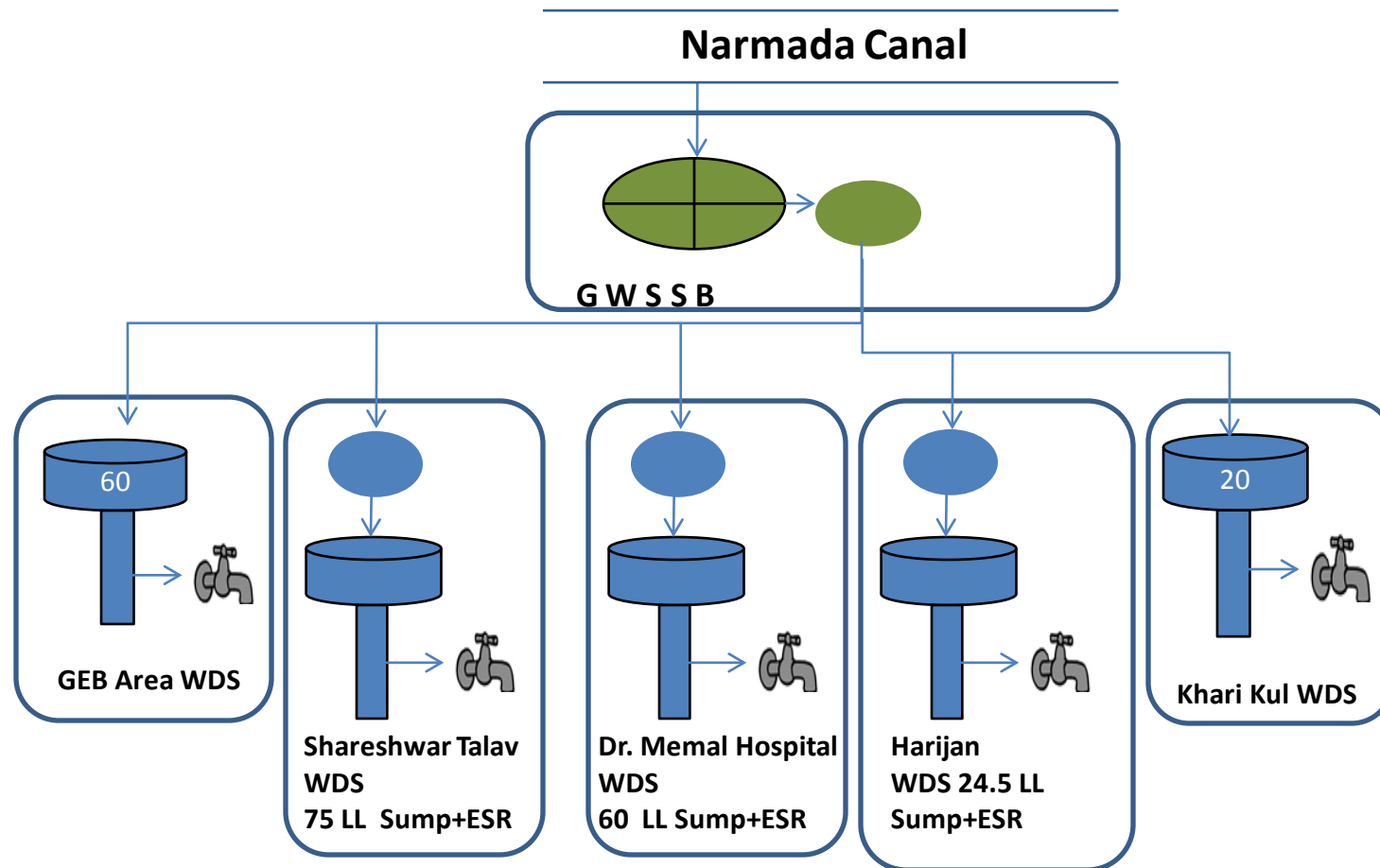
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kheralu Municipality (Class-D)



WATER LOSS

Water Production at Source: 40.00 Lakh Litres/Day
 Water Estimated consumption quantity: 36.00 Lakh Litres/Day
 Estimated Total Loss: 4.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



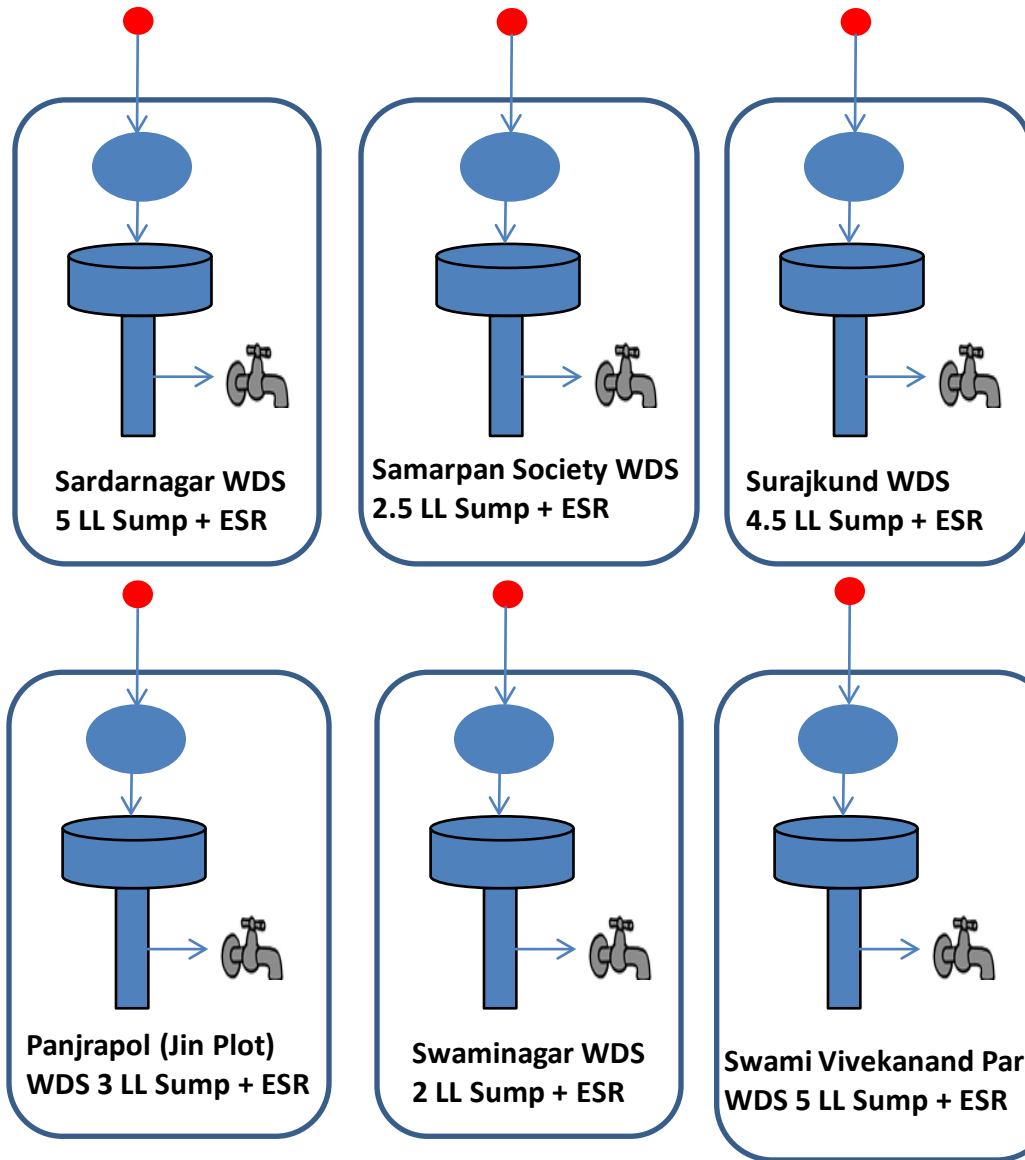
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kodinar Municipality (Class-C)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day
 Water Estimated consumption quantity: 21.04 Lakh Litres/Day
 Estimated Total Loss: 3.96 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



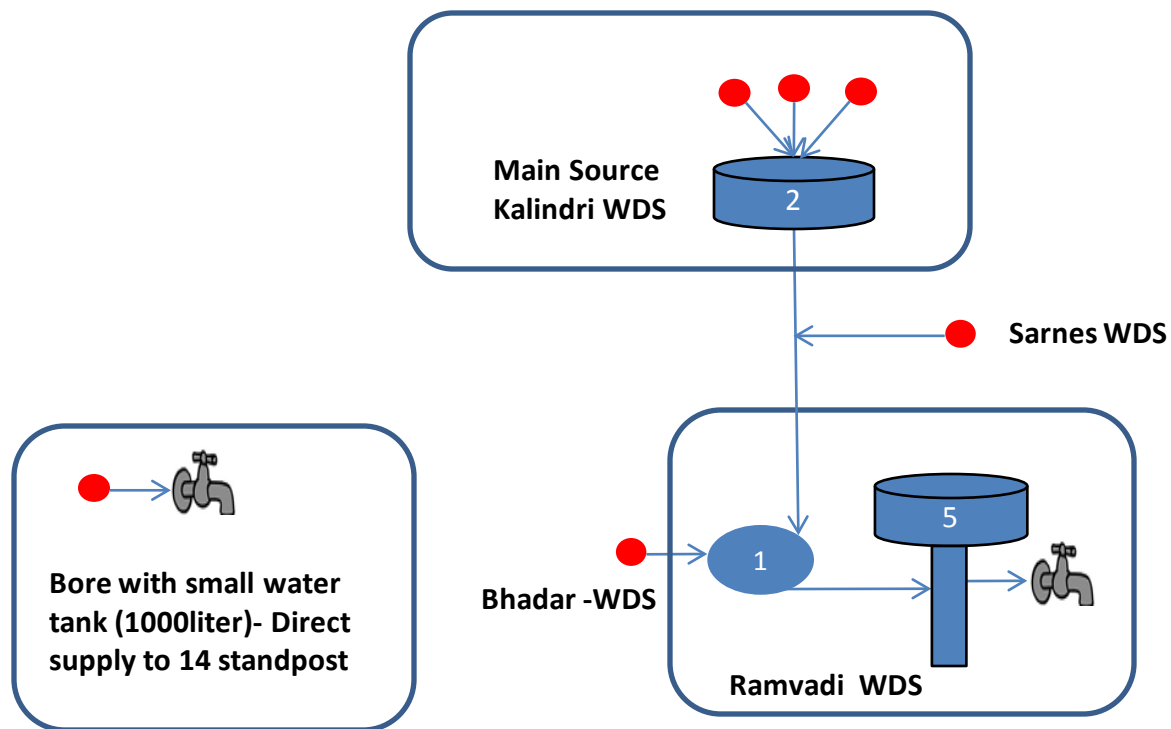
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Kutiyana Municipality (Class-D)



WATER LOSS

Water Production at Source: 12.00 Lakh Litres/Day
 Water Estimated consumption quantity: 10.75 Lakh Litres/Day
 Estimated Total Loss: 1.25 Lakh Litres/Day



WTP

83

Bore/
TubeWell/Open
Well



Sump



ESR



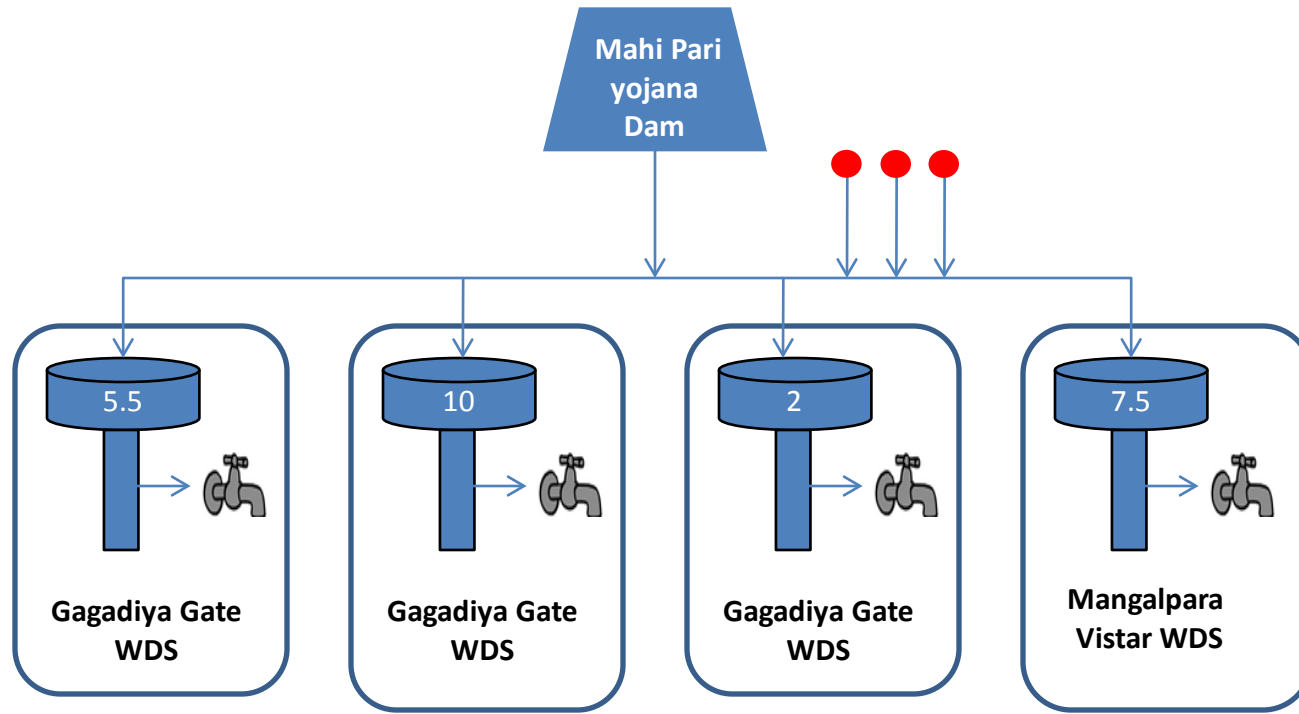
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Lathi Municipality (Class-D)



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day
Water Estimated consumption quantity: ND
Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

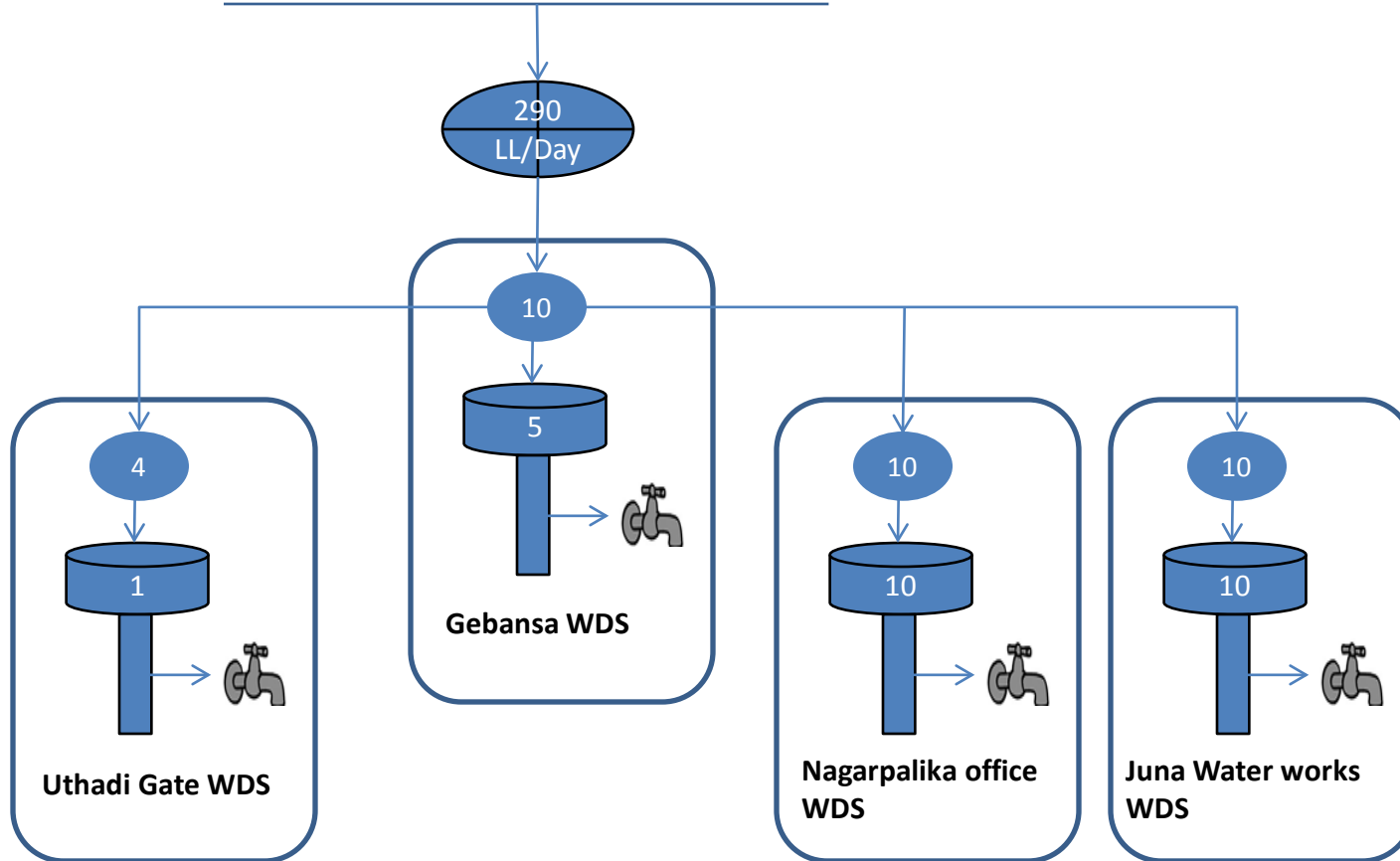


Consumer End

All units are in Lakh Litres ; As on 2012-13

Limbd Municipality (Class-C)

Narmada Canal



WATER LOSS

Water Production at Source: 40.00 Lakh Litres/Day
 Water Estimated consumption quantity: 33.50 Lakh Litres/Day
 Estimated Total Loss: 6.50 Lakh Litres/Day



WTP

85

Bore/
TubeWell/Open
Well



Sump



ESR



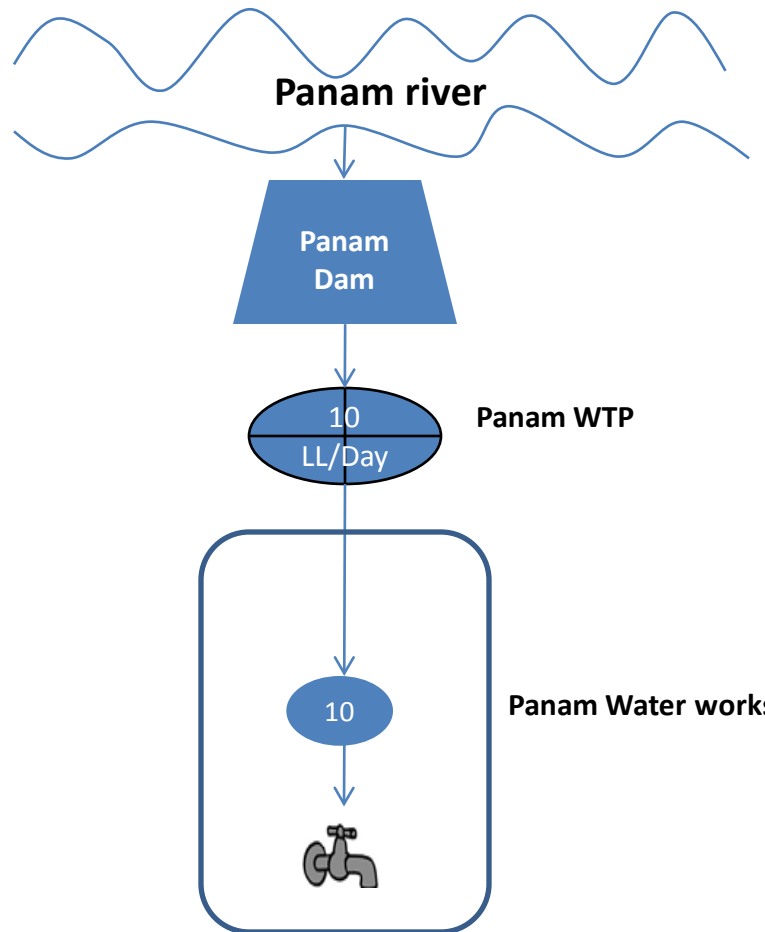
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Lunavada Municipality (Class-C)



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day
Water Estimated consumption quantity: ND
Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13



Direct Pumping at 6 WDS:

Dakor road, Rabarivas, Finav bhagat,
Chokhardi Bhagol, Mandir, Bhimkuva

WATER LOSS

Water Production at Source: 28.00 Lakh Litres/Day

Water Estimated consumption quantity: 22.45 Lakh Litres/Day

Estimated Total Loss: 5.55 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



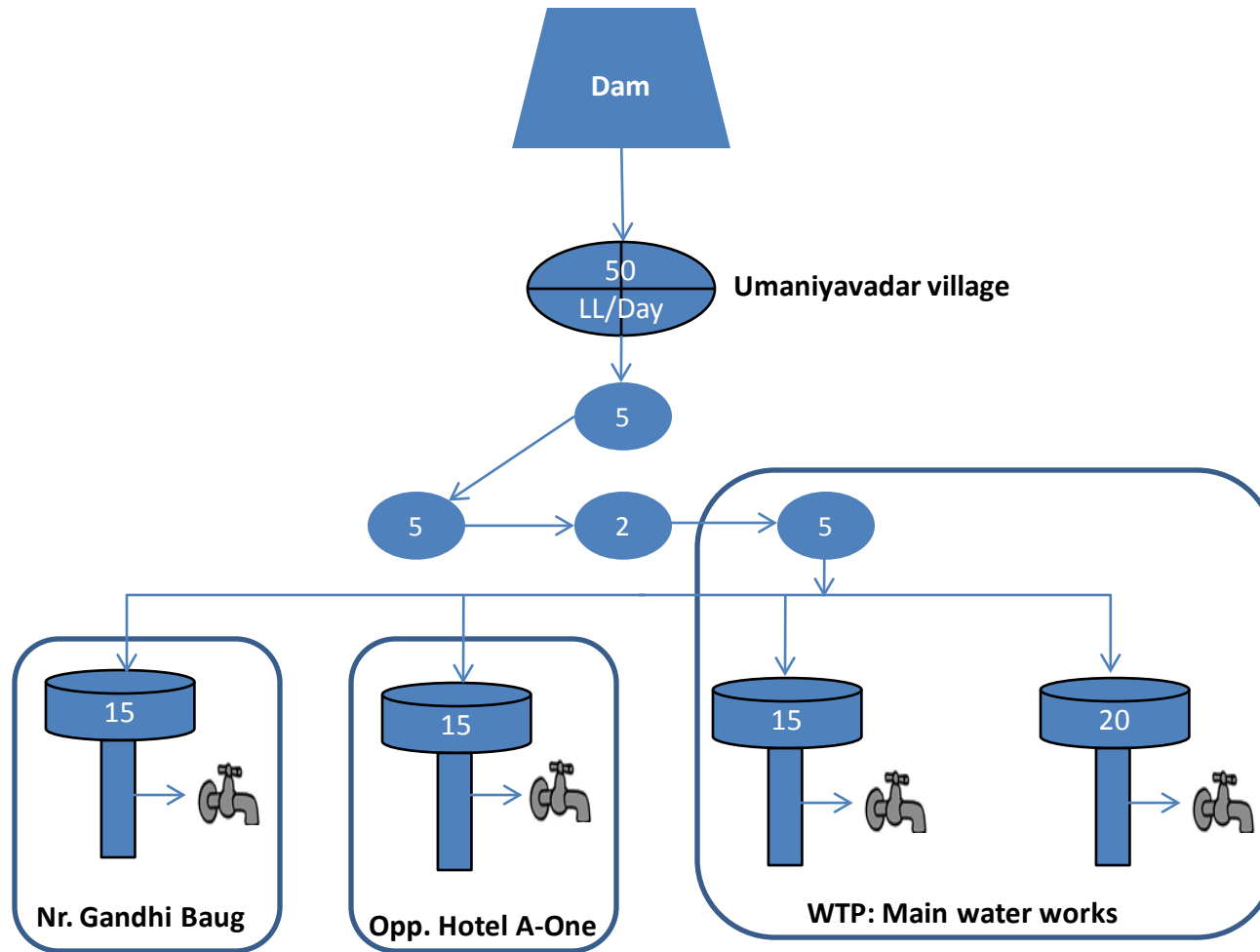
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Mahua Municipality (Class-B)



WATER LOSS

Water Production at Source: 53.00 Lakh Litres/Day
 Water Estimated consumption quantity: 43.40 Lakh Litres/Day
 Estimated Total Loss: 9.60 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



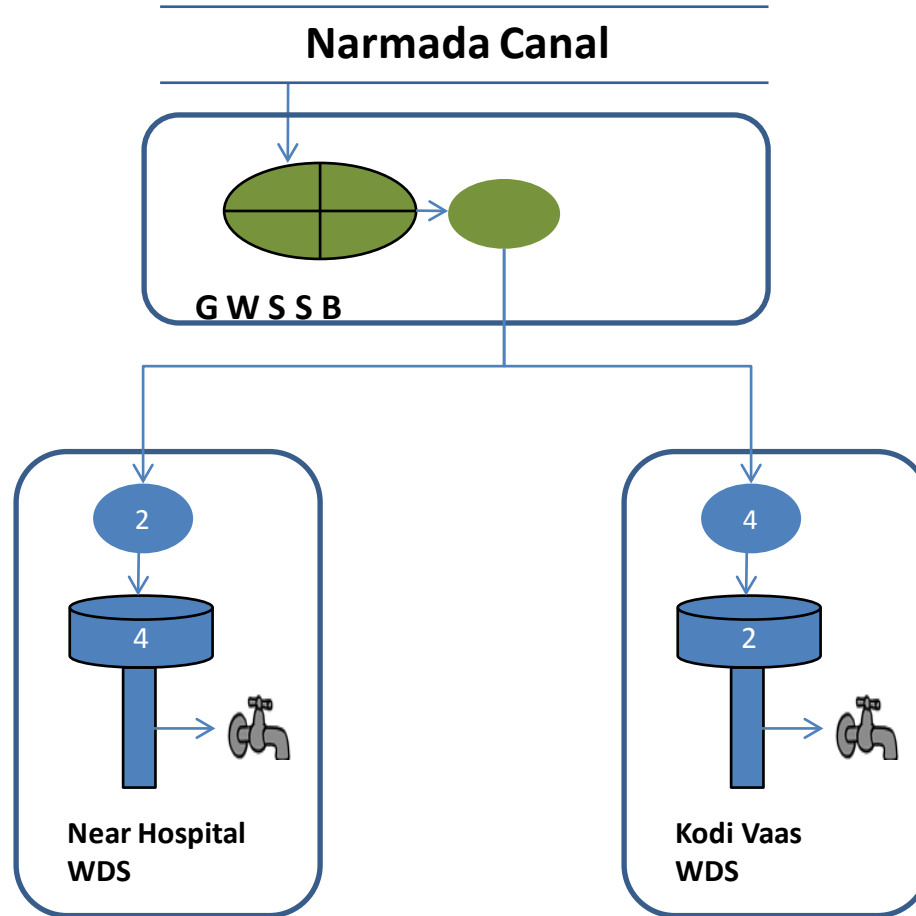
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Maliya Miyana Municipality (Class-D)



WATER LOSS

Water Production at Source: 17.00 Lakh Litres/Day
Water Estimated consumption quantity: 10.54 Lakh Litres/Day
Estimated Total Loss: 6.46 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



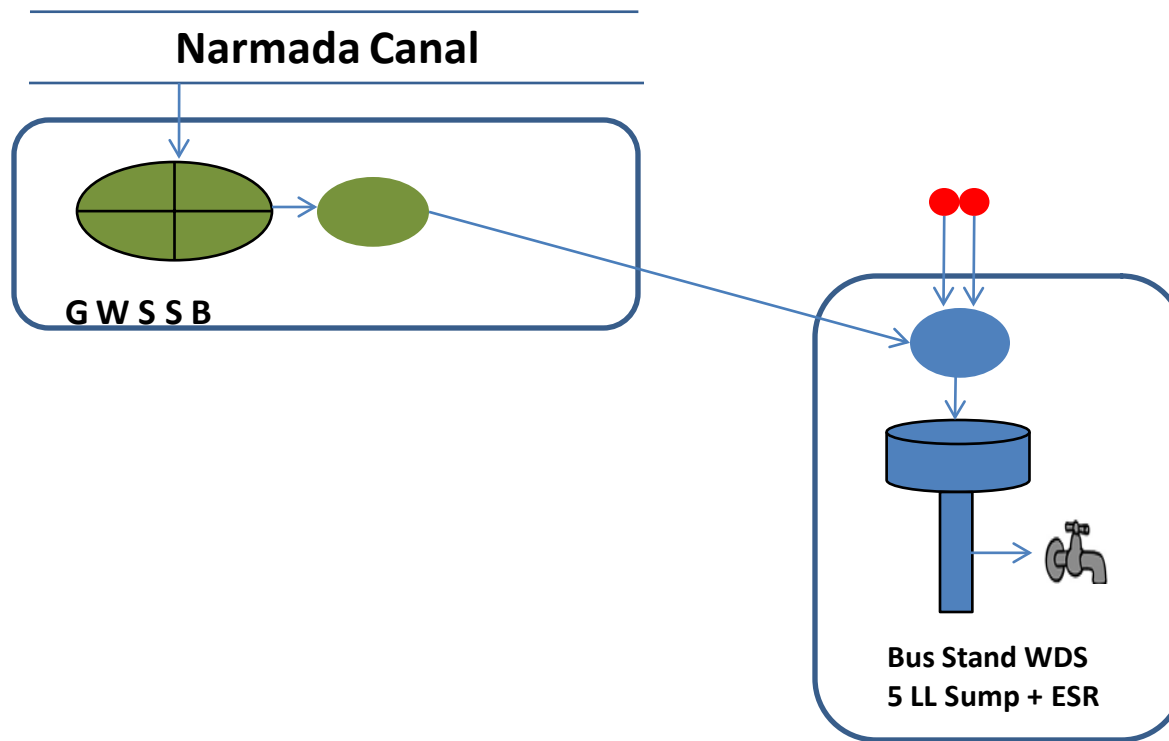
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Manavadar Municipality (Class-D)



WATER LOSS

Water Production at Source: 16.00 Lakh Litres/Day

Water Estimated consumption quantity: 13.70 Lakh Litres/Day

Estimated Total Loss: 2.30 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

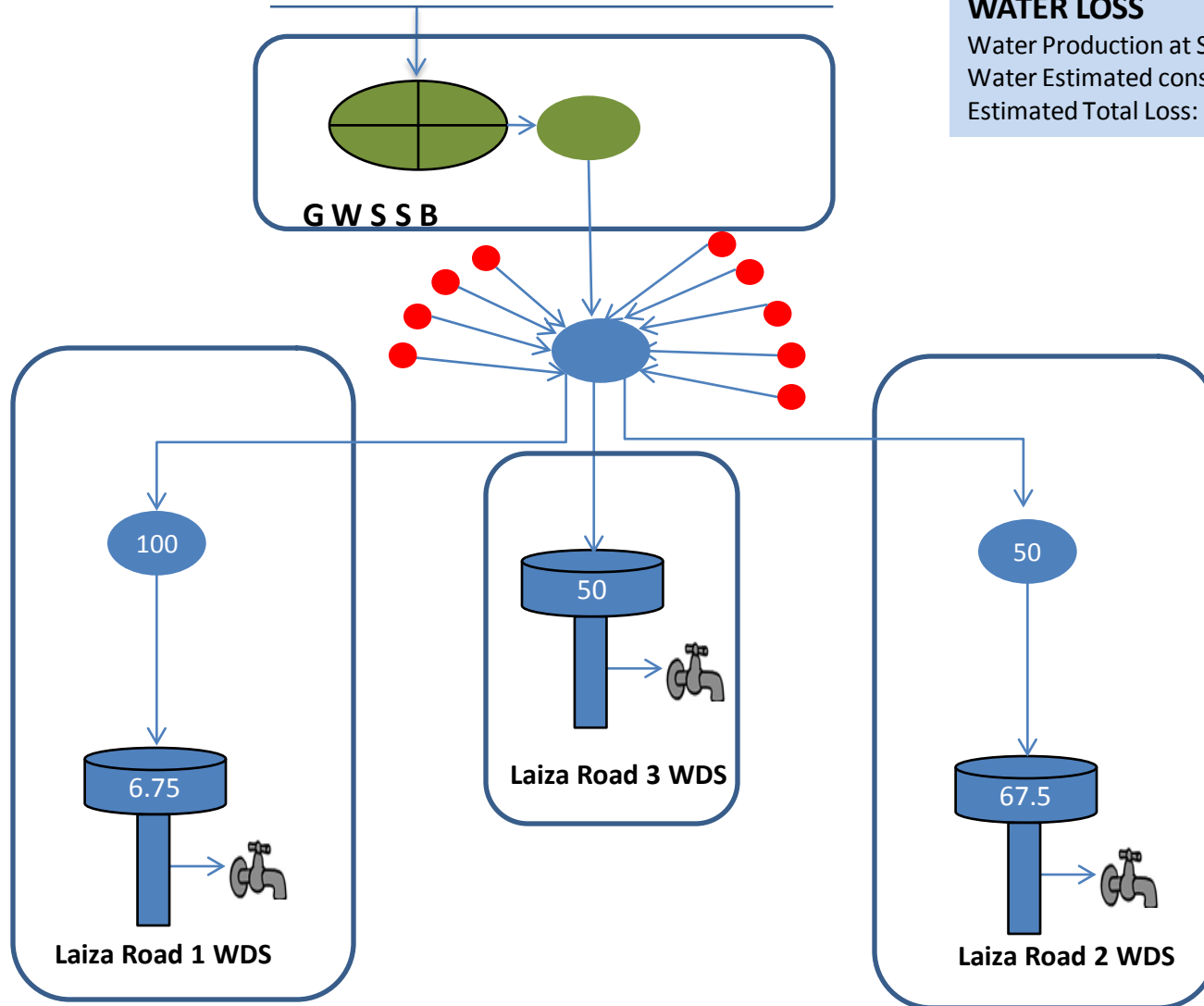


Consumer End

All units are in Lakh Litres ; As on 2012-13

Mandvi (Kutch) Municipality (Class-C)

Narmada Canal



WATER LOSS

Water Production at Source: 60.00 Lakh Litres/Day
 Water Estimated consumption quantity: 50.70 Lakh Litres/Day
 Estimated Total Loss: 9.30 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



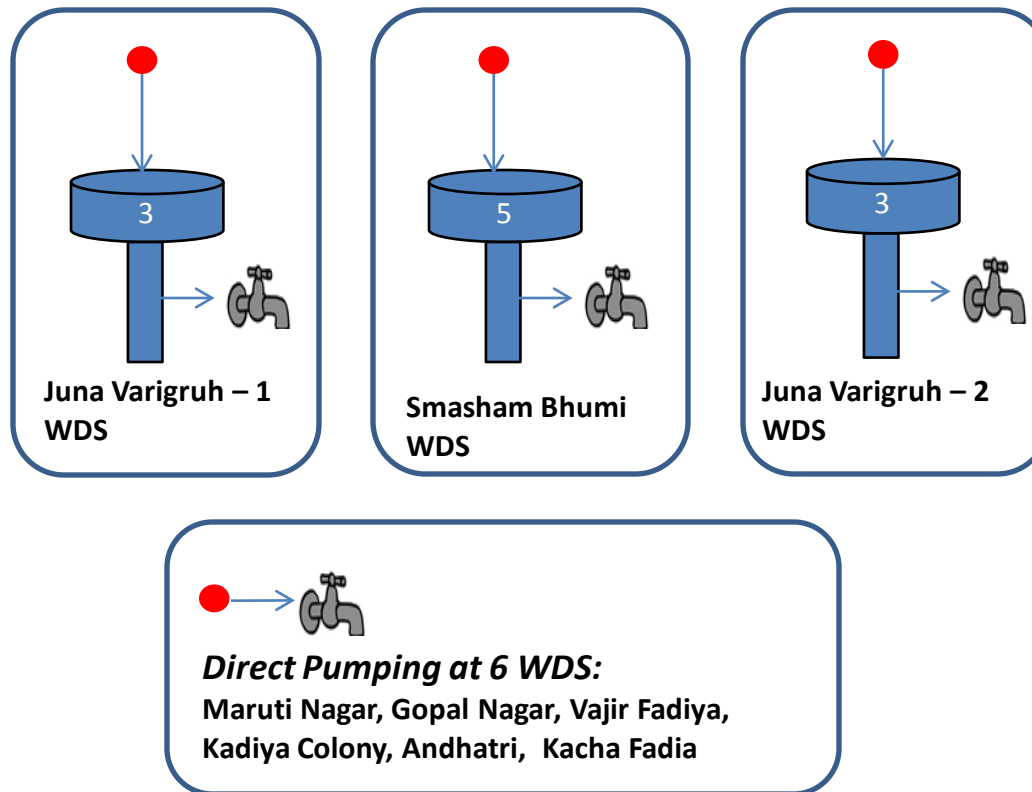
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Mandvi (Surat) Municipality (Class-D)



WATER LOSS

Water Production at Source: 50.00 Lakh Litres/Day
Water Estimated consumption quantity: 45.19 Lakh Litres/Day
Estimated Total Loss: 4.81 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



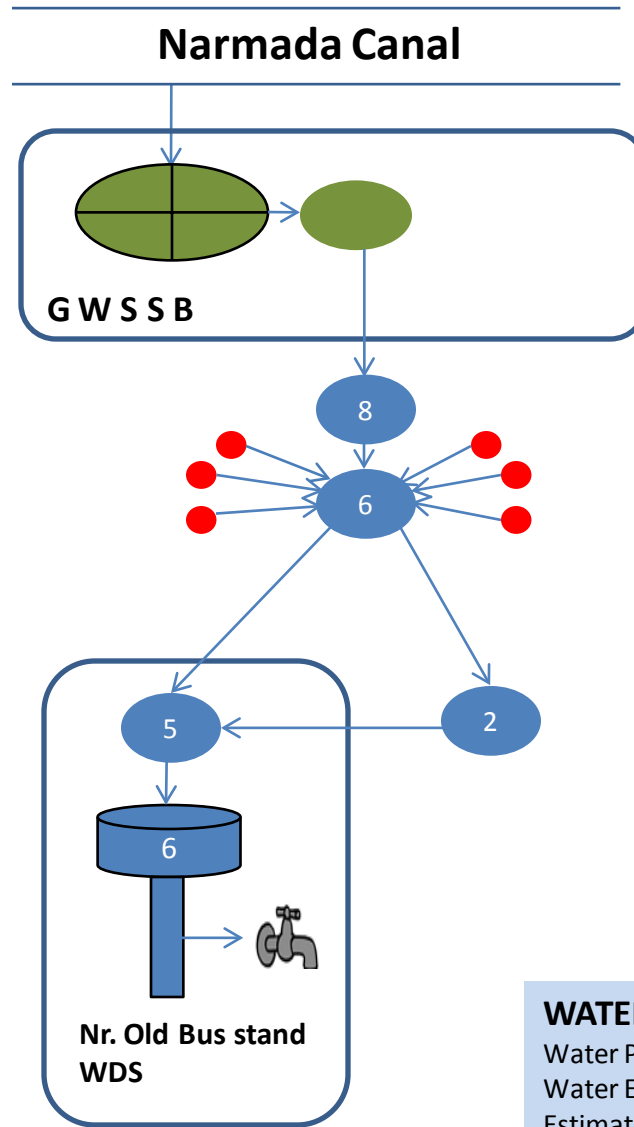
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Mangrol Municipality (Class-B)



WATER LOSS

Water Production at Source: 60.00 Lakh Litres/Day
Water Estimated consumption quantity: 48.20 Lakh Litres/Day
Estimated Total Loss: 11.80 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



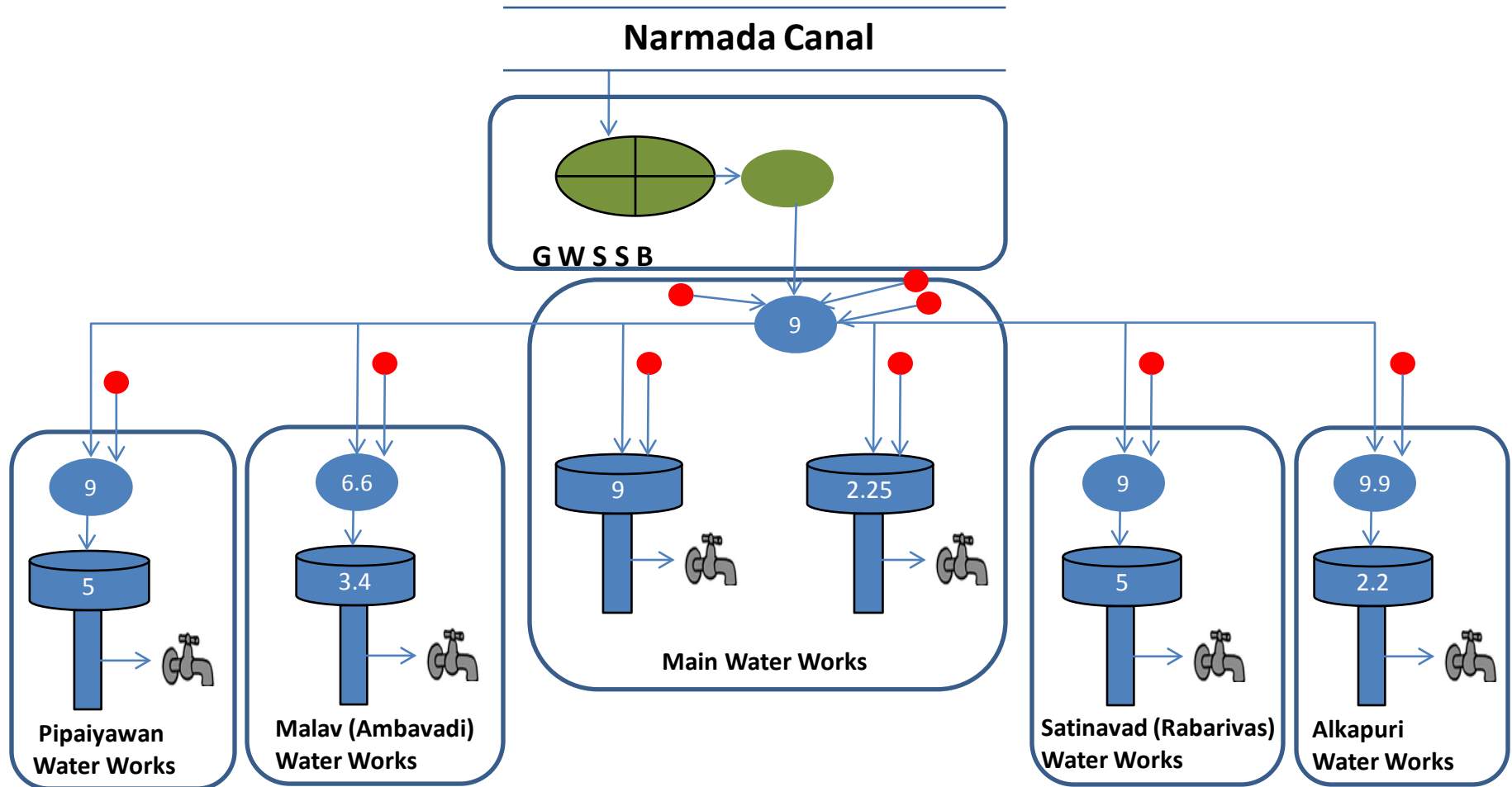
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Mansa Municipality (Class-C)



WATER LOSS

Water Production at Source: 45.50 Lakh Litres/Day
 Water Estimated consumption quantity: 41.50 Lakh Litres/Day
 Estimated Total Loss: 4.00 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



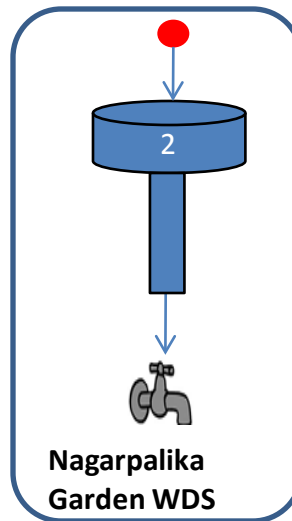
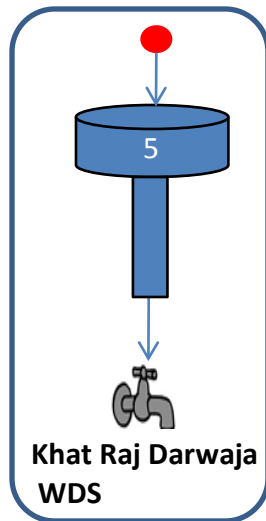
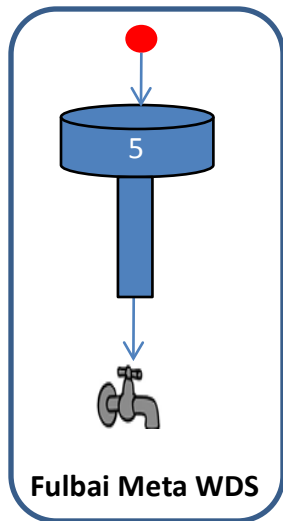
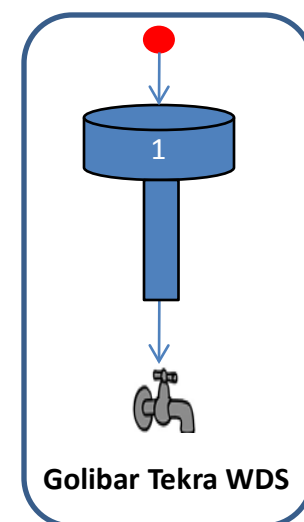
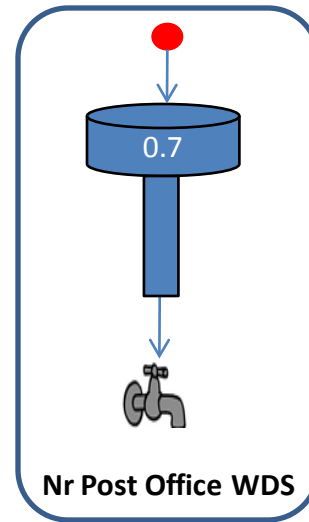
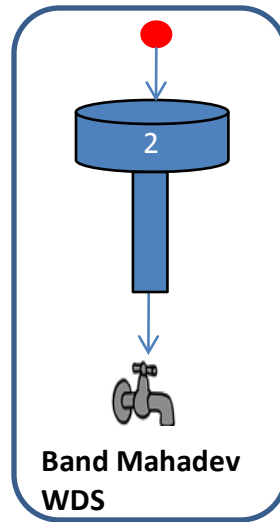
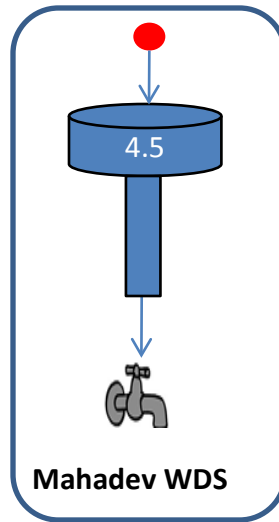
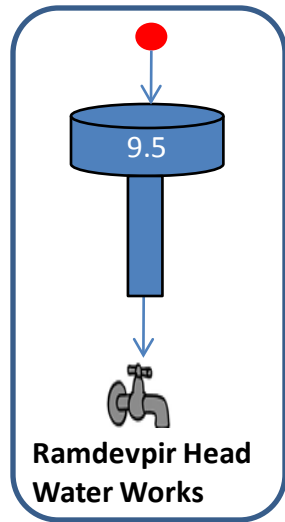
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Mehmedabad Municipality (Class-C)



WATER LOSS

Water Production at Source: 65.00 Lakh Litres/Day

Water Estimated consumption quantity: 58.20 Lakh Litres/Day

Estimated Total Loss: 6.80 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



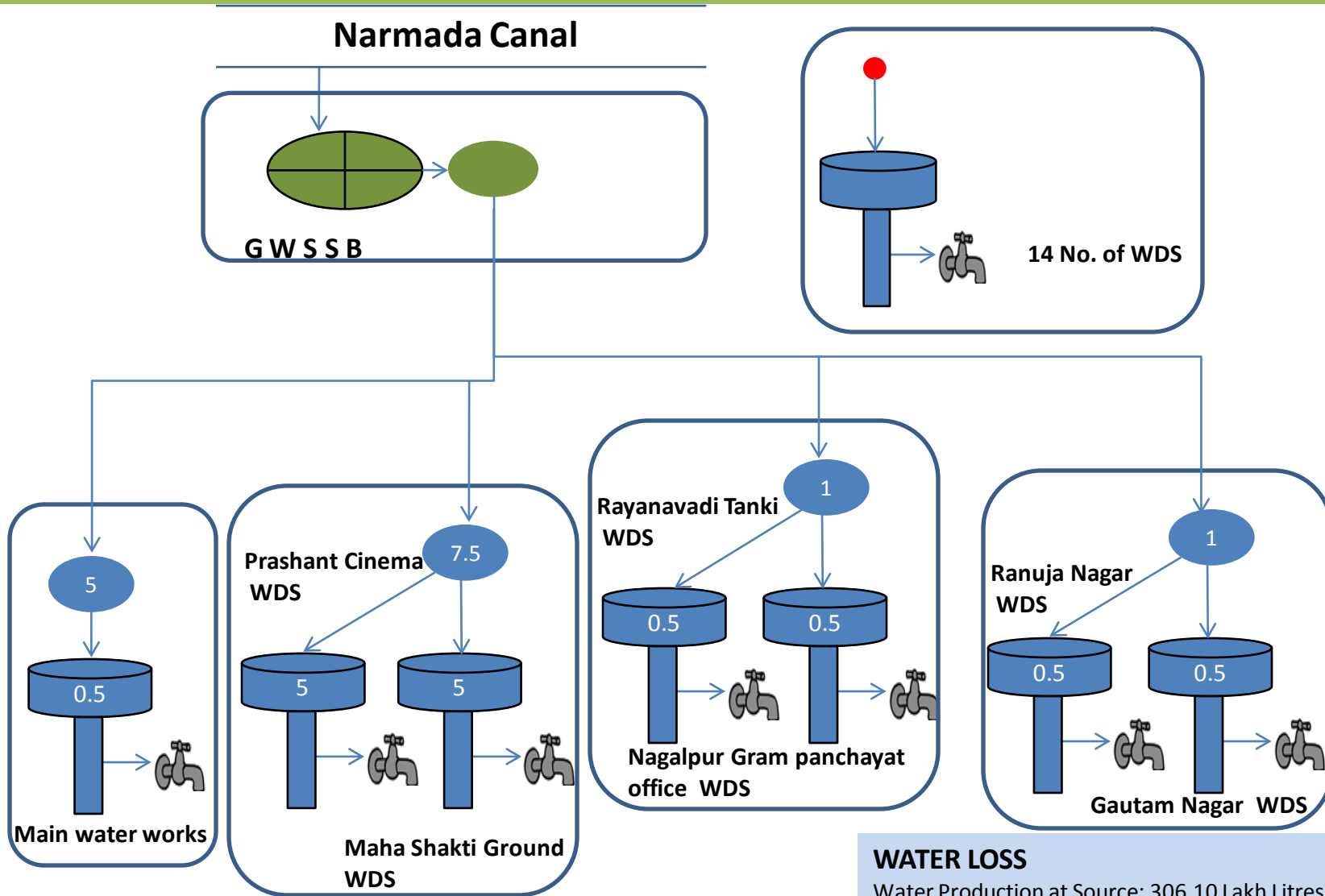
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Mehsana Municipality (Class-A)



WATER LOSS

Water Production at Source: 306.10 Lakh Litres/Day
 Water Estimated consumption quantity: 270.00 Lakh Litres/Day
 Estimated Total Loss: 36.10 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



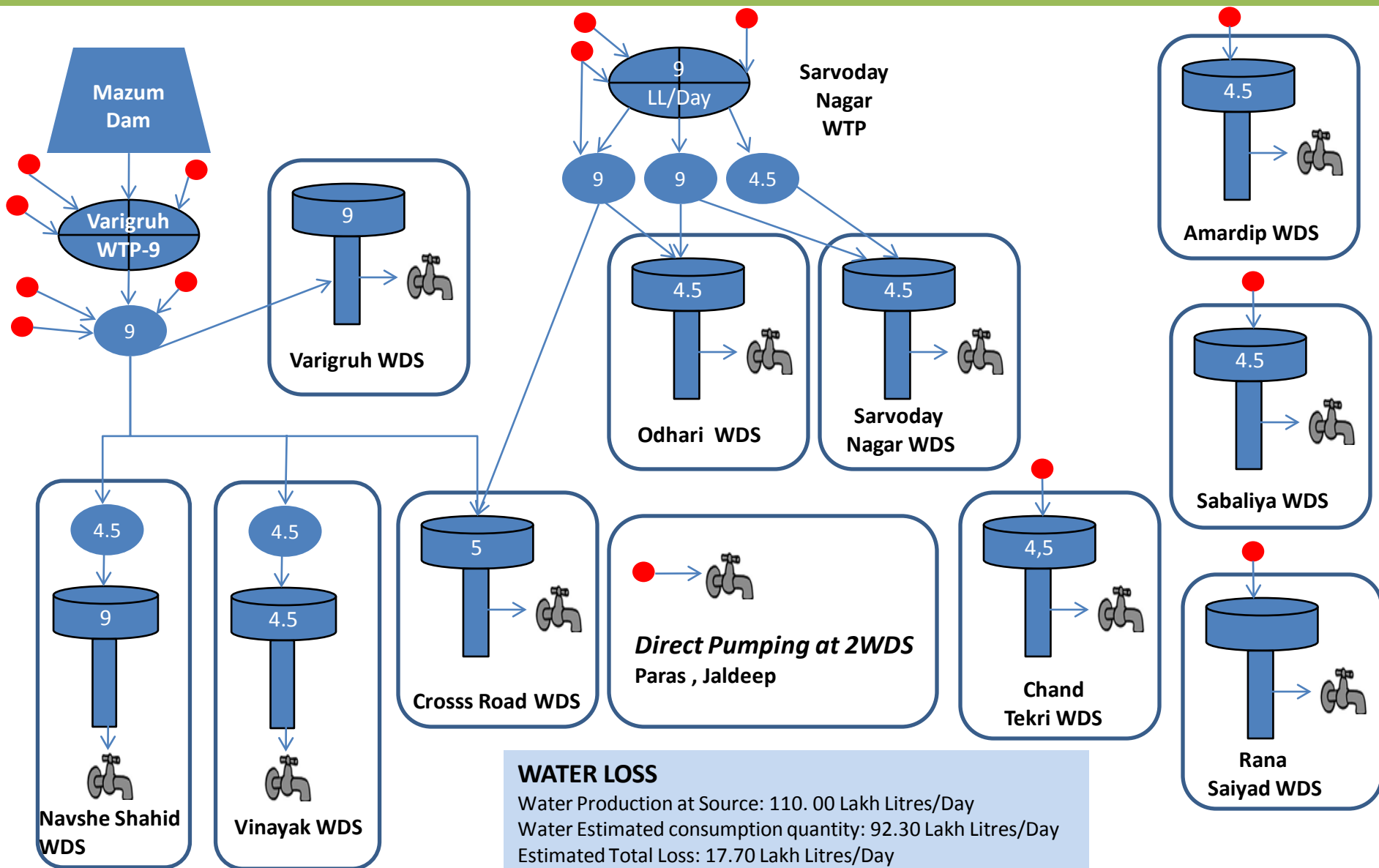
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Modasa Municipality (Class-B)



WTP

Bore/
TubeWell/Open
Well



Sump



ESR



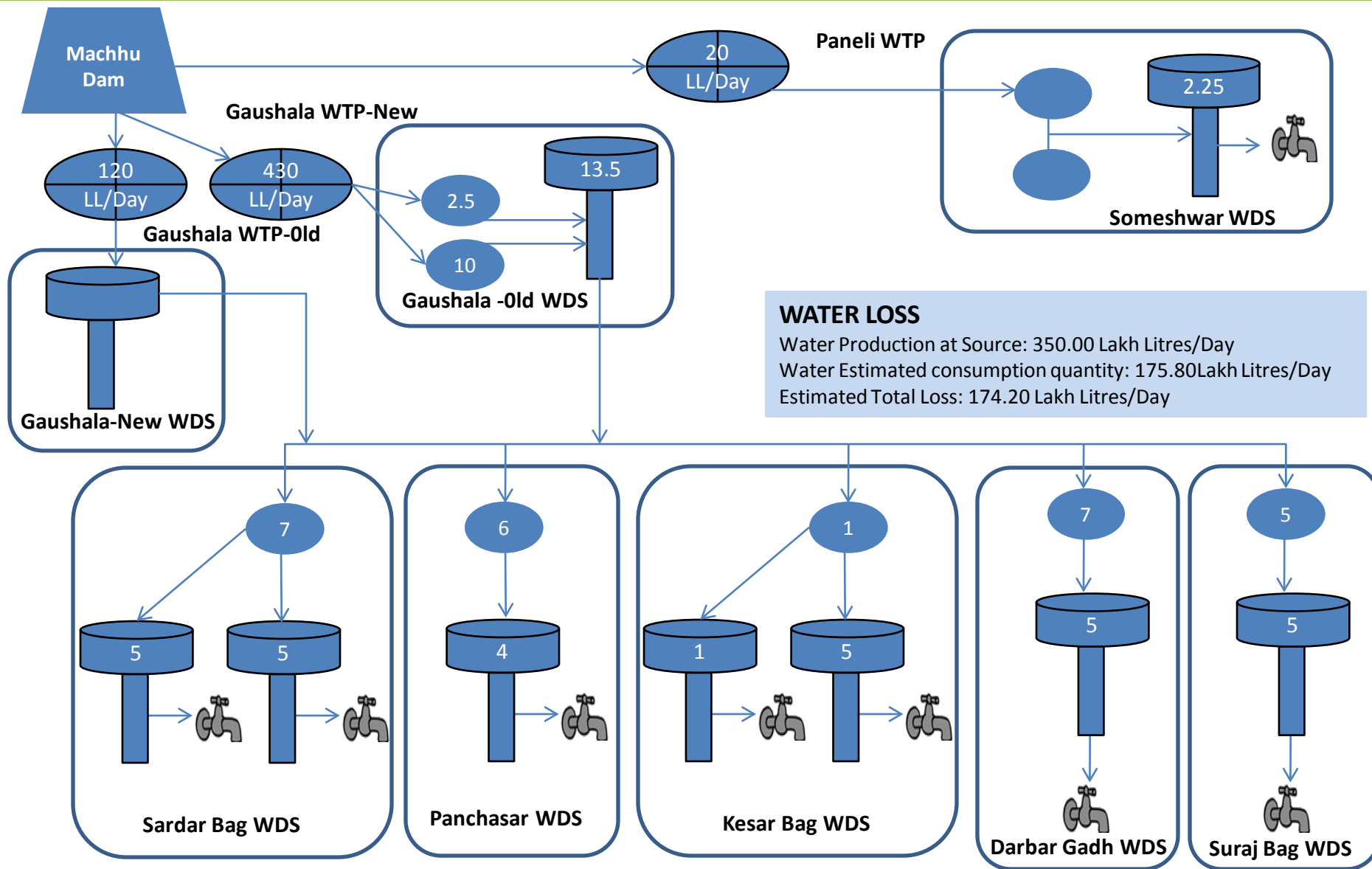
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Morbi Municipality (Class-A)



WTP 98

Bore/
TubeWell/Open
Well



Consumer End

All units are in Lakh Litres ; As on 2012-13

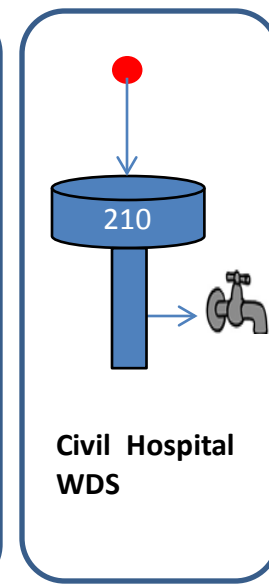
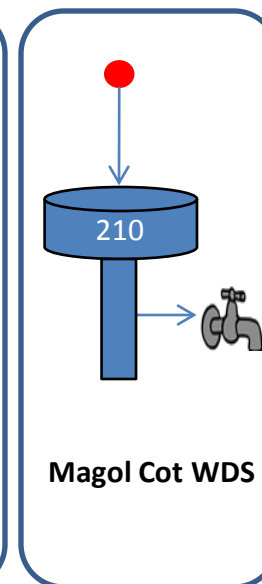
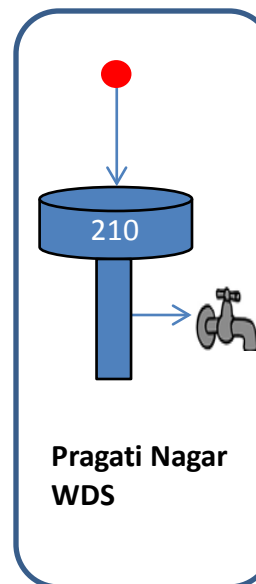
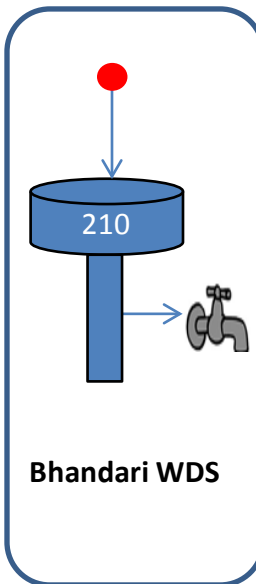
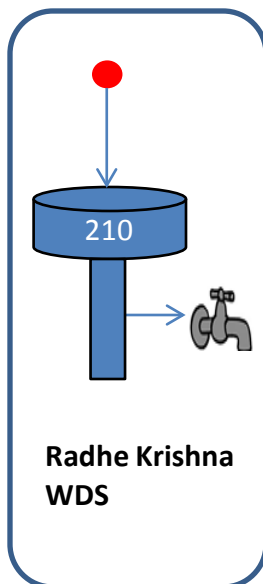
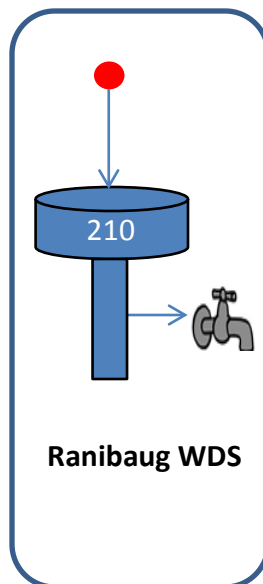
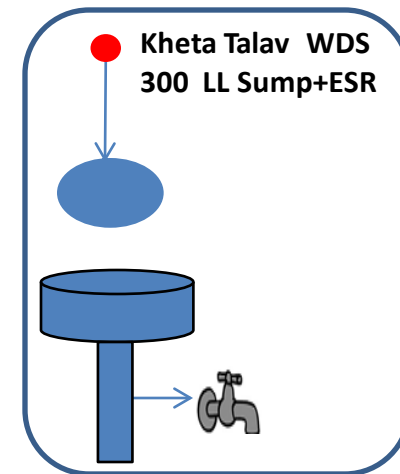
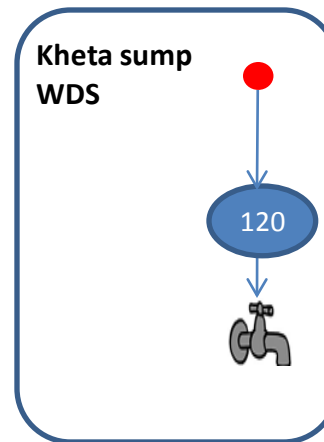
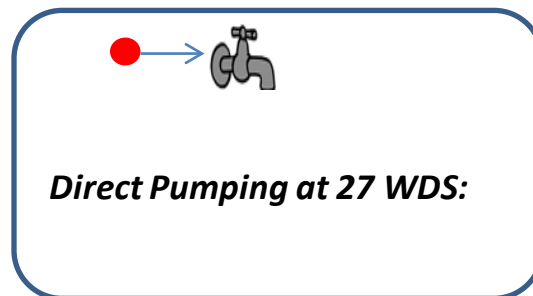
Nadiad Municipality (Class-A)

WATER LOSS

Water Production at Source: 235.00 Lakh Litres/Day

Water Estimated consumption quantity: 210.20 Lakh Litres/Day

Estimated Total Loss: 24.80 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



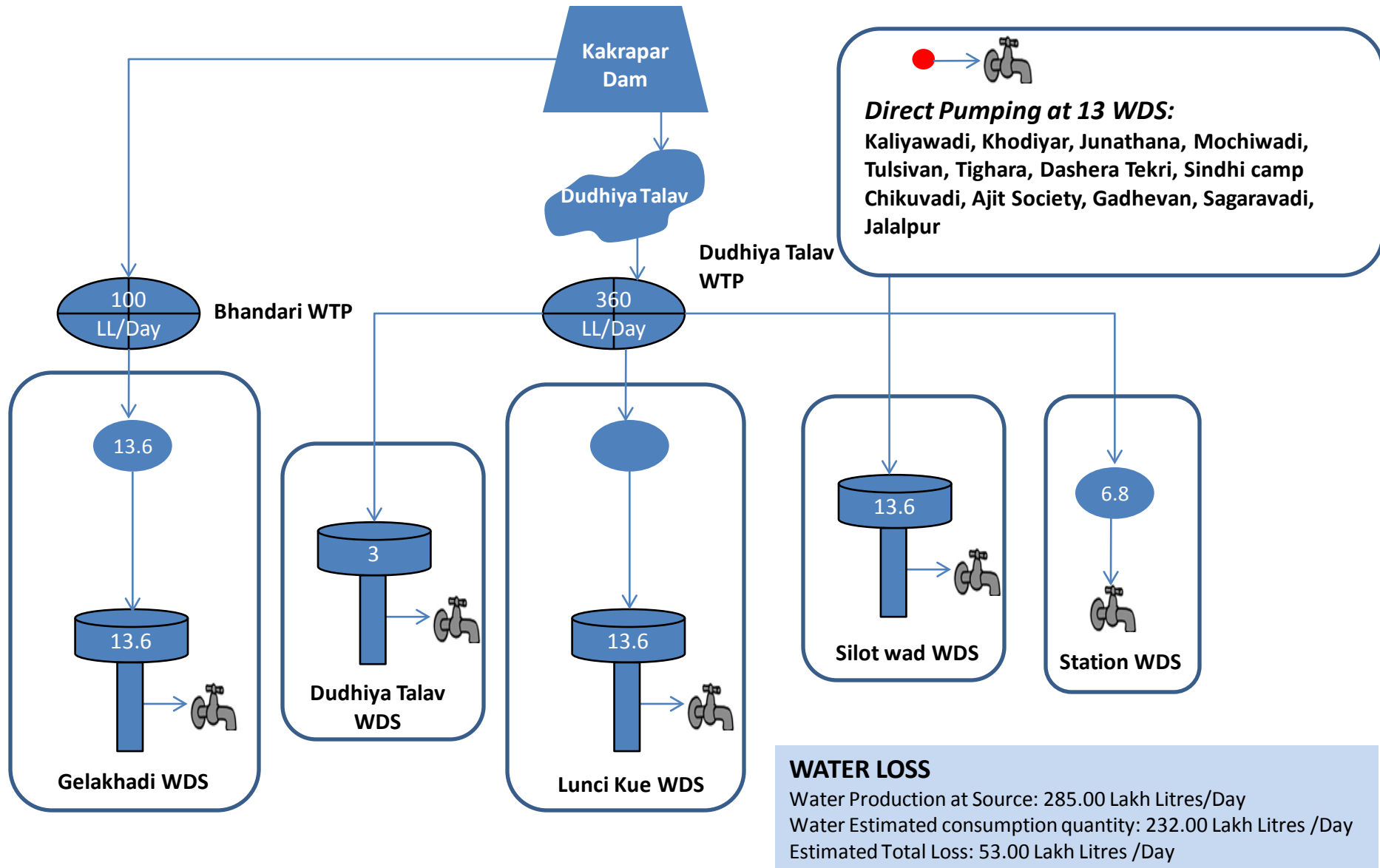
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Navsari Municipality (Class-A)



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



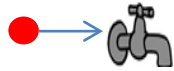
HGLR



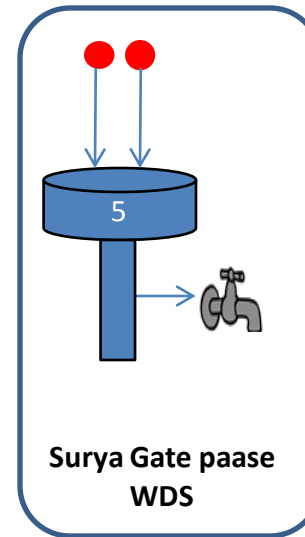
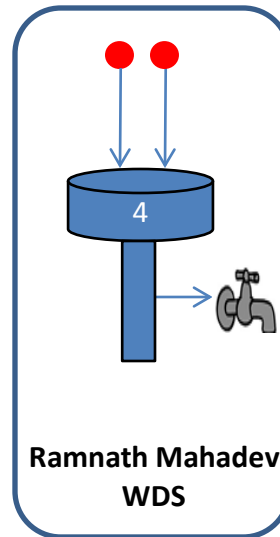
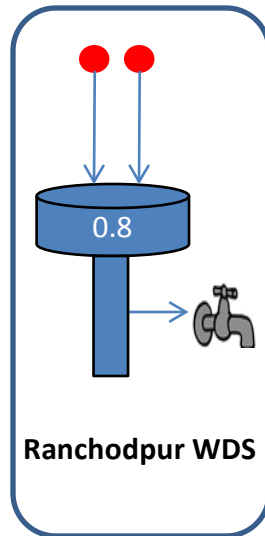
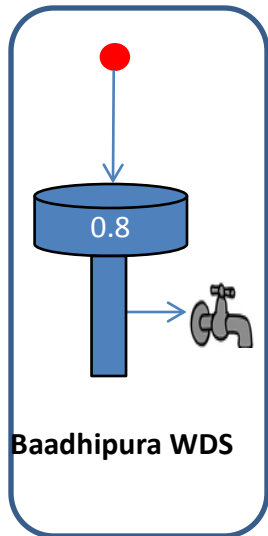
Consumer End

All units are in Lakh Litres ; As on 2012-13

Ode Municipality(Class-D)



Direct Pumping at 3 WDS:
Christiwaas, Marianu , Navapura



WATER LOSS

Water Production at Source: 31.00 Lakh Litres/Day
Water Estimated consumption quantity: 26.00 Lakh Litres/Day
Estimated Total Loss: 5.00 Lakh Litres/Day

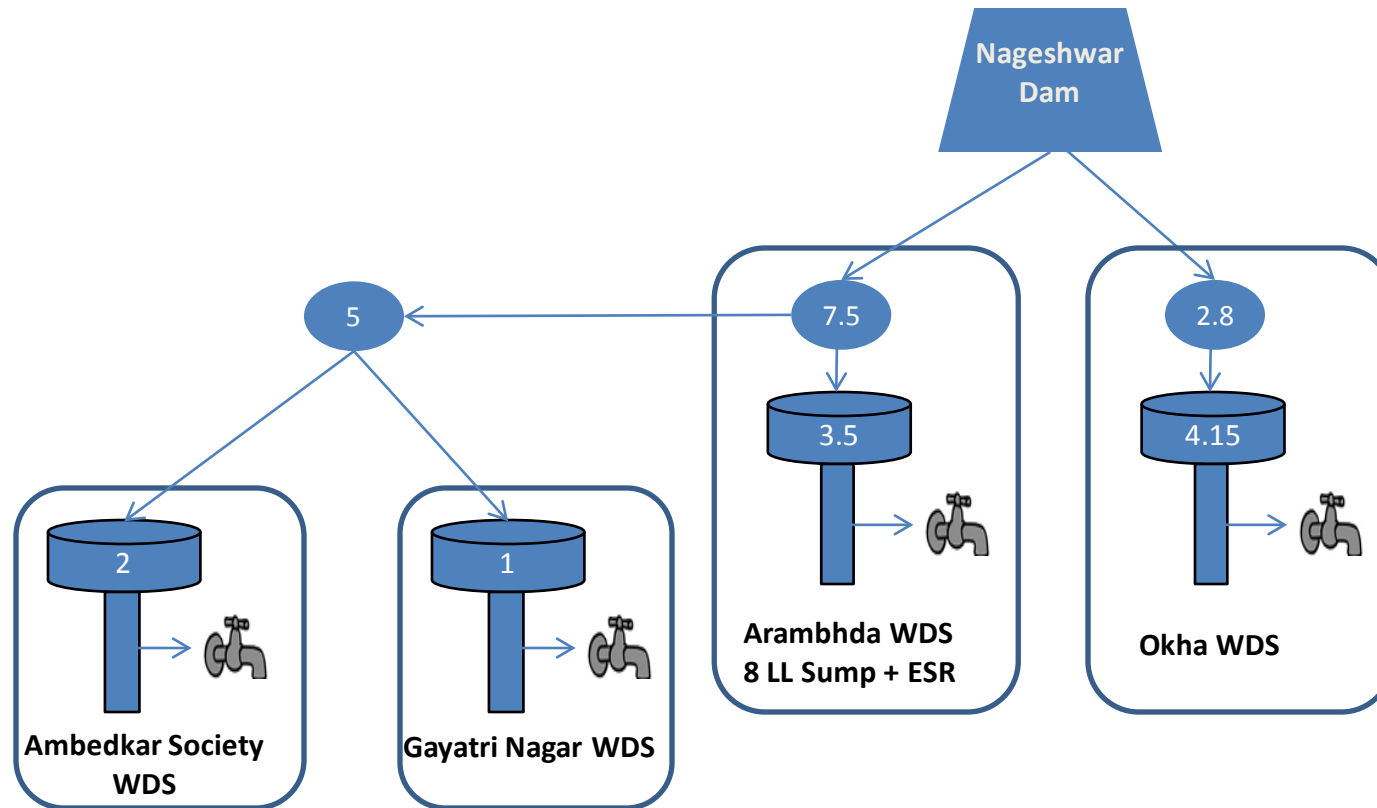


Bore/
TubeWell/Open
Well



All units are in Lakh Litres ; As on 2012-13

Okha Municipality (Class-B)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day
 Water Estimated consumption quantity: 22.62 Lakh Litres/Day
 Estimated Total Loss: 2.38 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



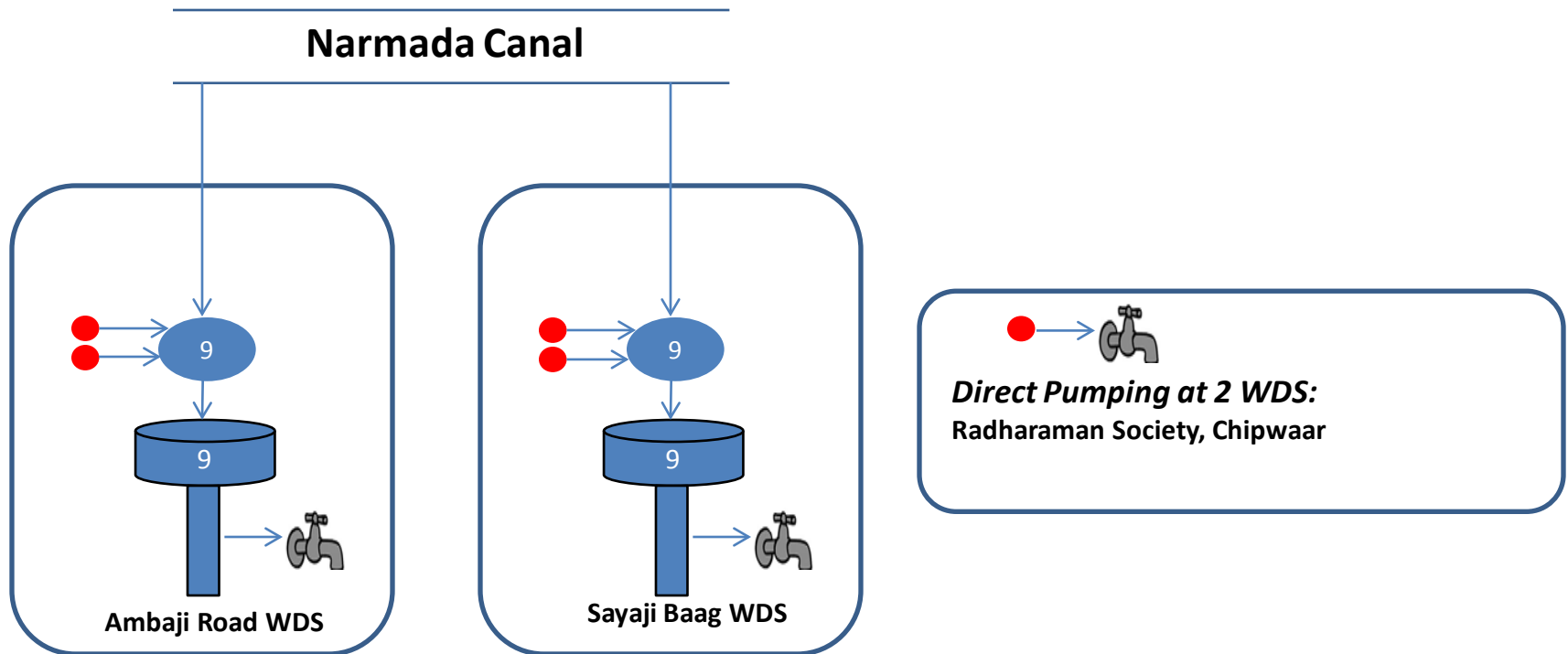
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Padra Municipality (Class-C)



WATER LOSS

Water Production at Source: 75.00 Lakh Litres/Day

Water Estimated consumption quantity: 63.50 Lakh Litres/Day

Estimated Total Loss: 11.50 Lakh Litres/Day



WTP
103

Bore/
TubeWell/Open
Well



ESR



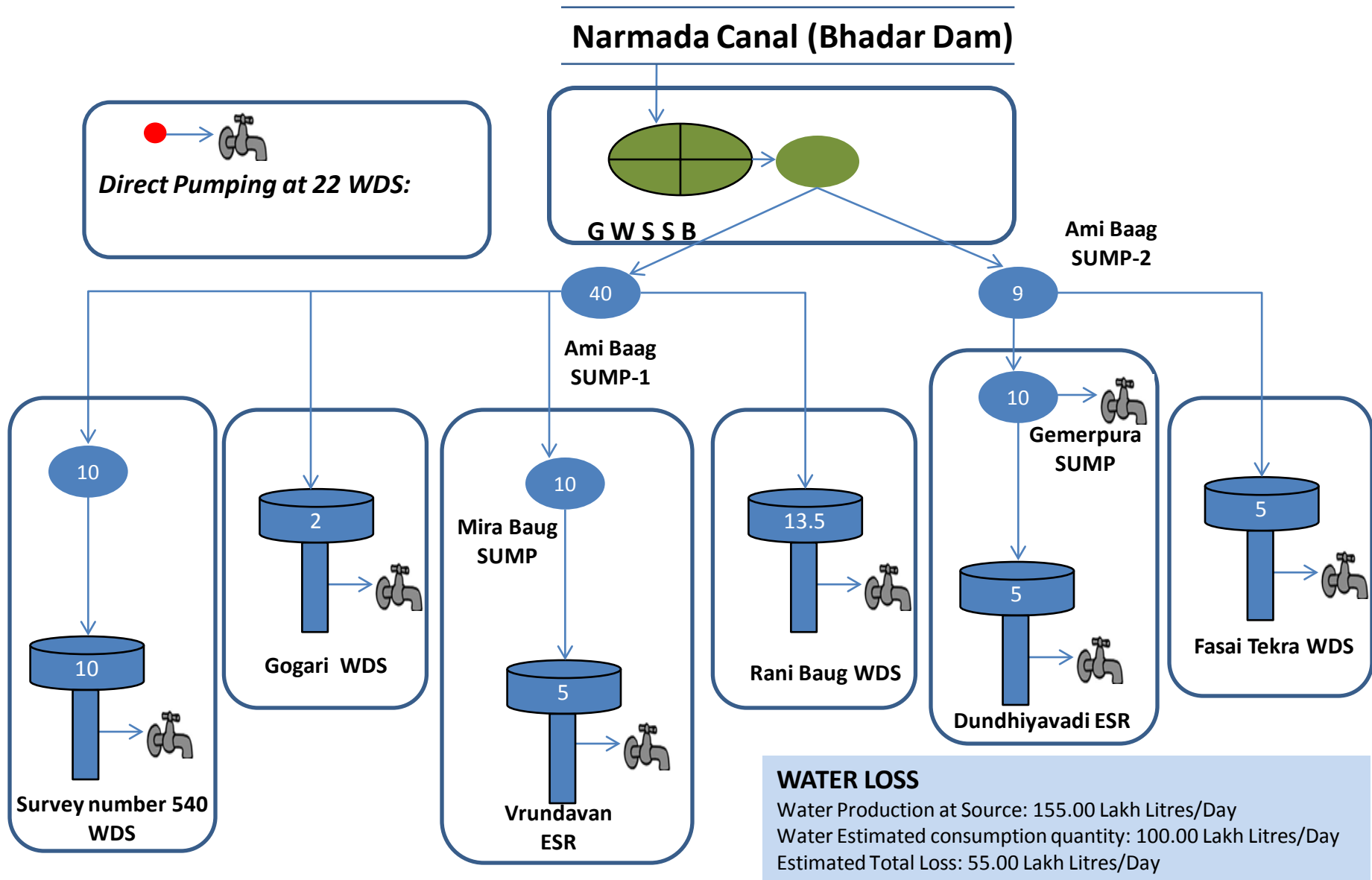
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Palanpaur Municipality (Class-A)



WTP
104

Bore/
TubeWell/Open
Well

Sump



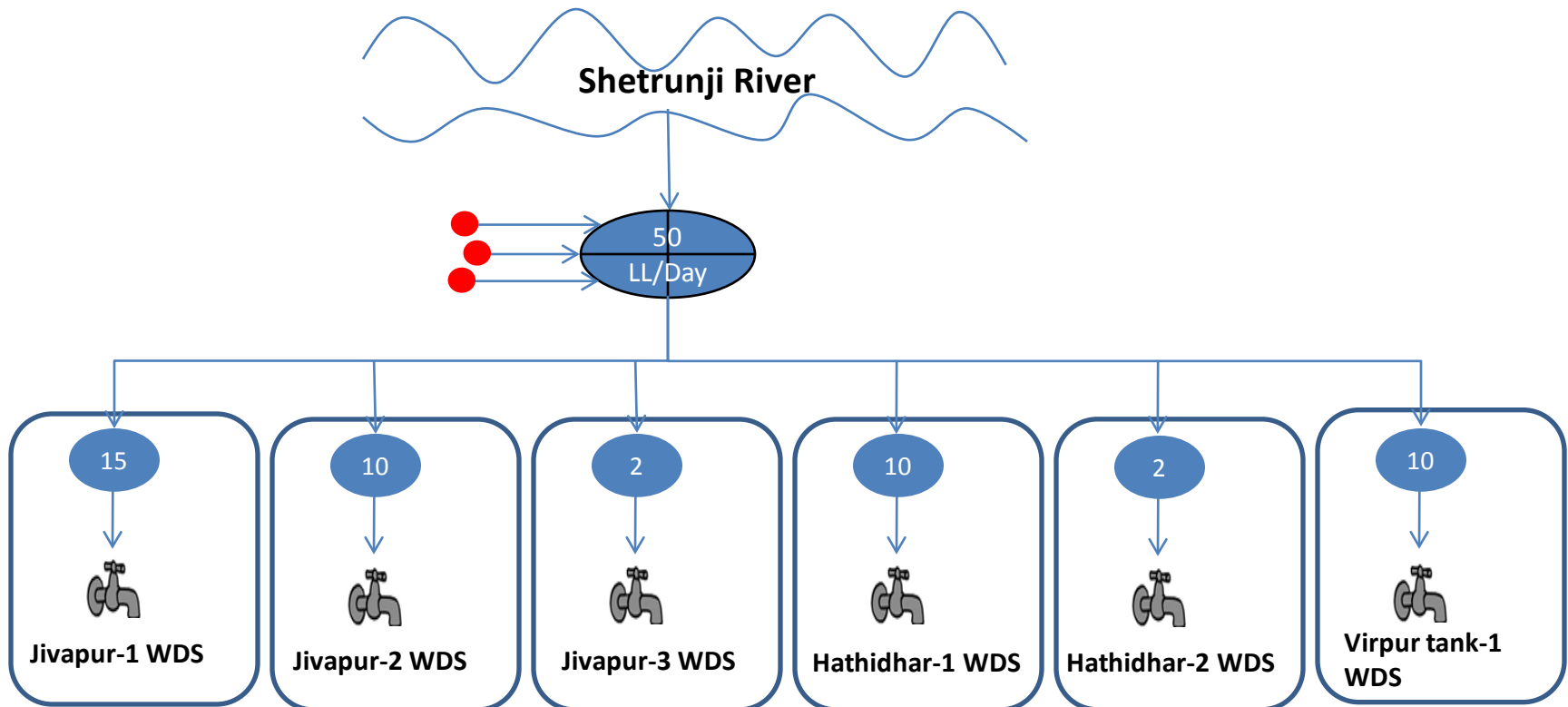
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Palitana Municipality (Class-B)



WATER LOSS

Water Production at Source: 80.00 Lakh Litres/Day

Water Estimated consumption quantity: 60.80 Lakh Litres/Day

Estimated Total Loss: 19.20 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Pardi Municipality (Class-C)

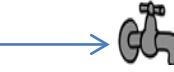
Damanganga River

56
LL/Day

10

10

Killa uparni
WDS



Direct Supply



Direct Pumping at
Valsadi zapa bore, gayatri society bore

WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day
Water Estimated consumption quantity: 23.50 Lakh Litres/Day
Estimated Total Loss: 6.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



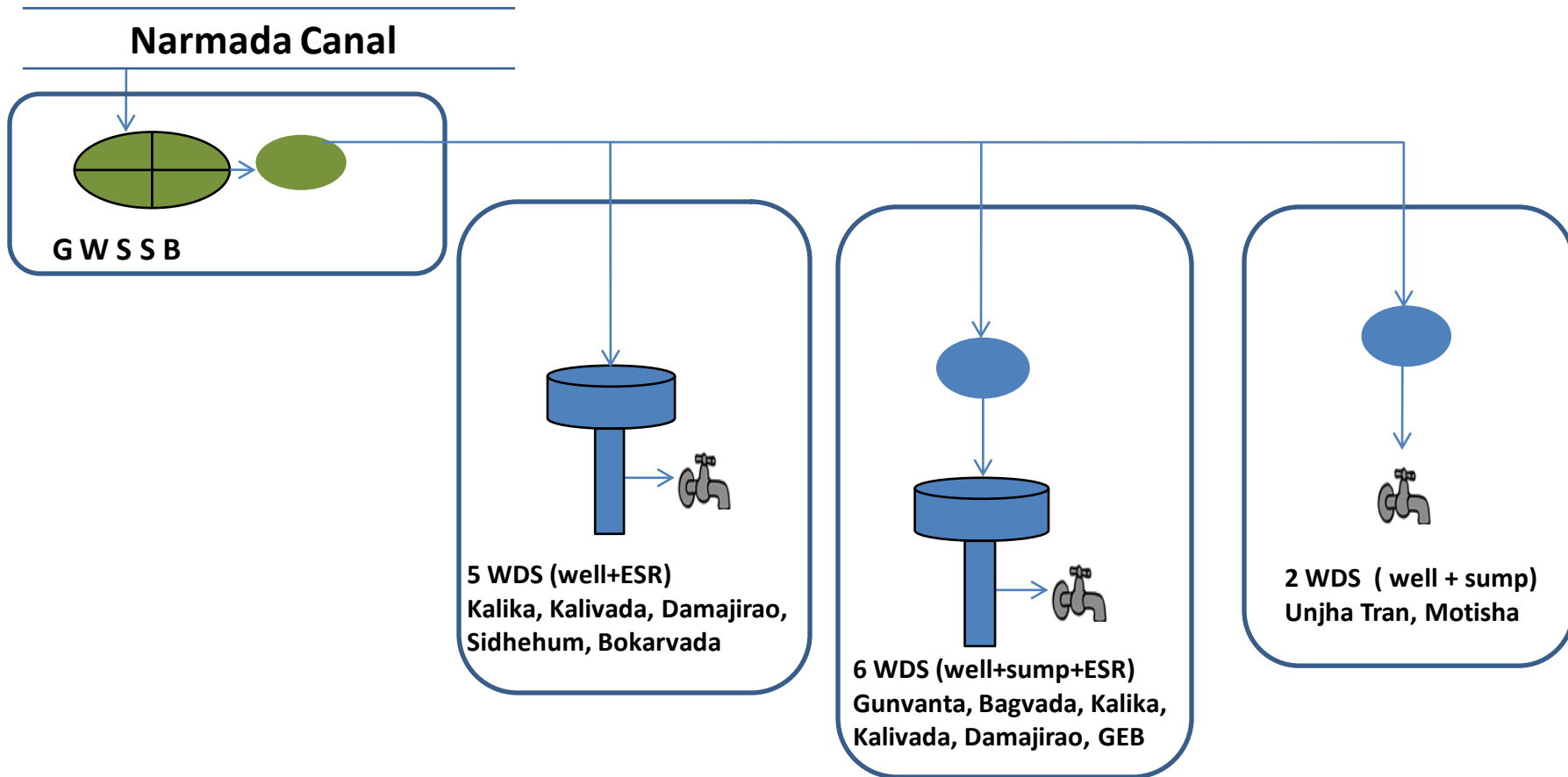
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Patan Municipality (Class-A)



WATER LOSS

Water Production at Source: 190.00 Lakh Litres/Day
 Water Estimated consumption quantity: 173.10 Lakh Litres/Day
 Estimated Total Loss: 16.90 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



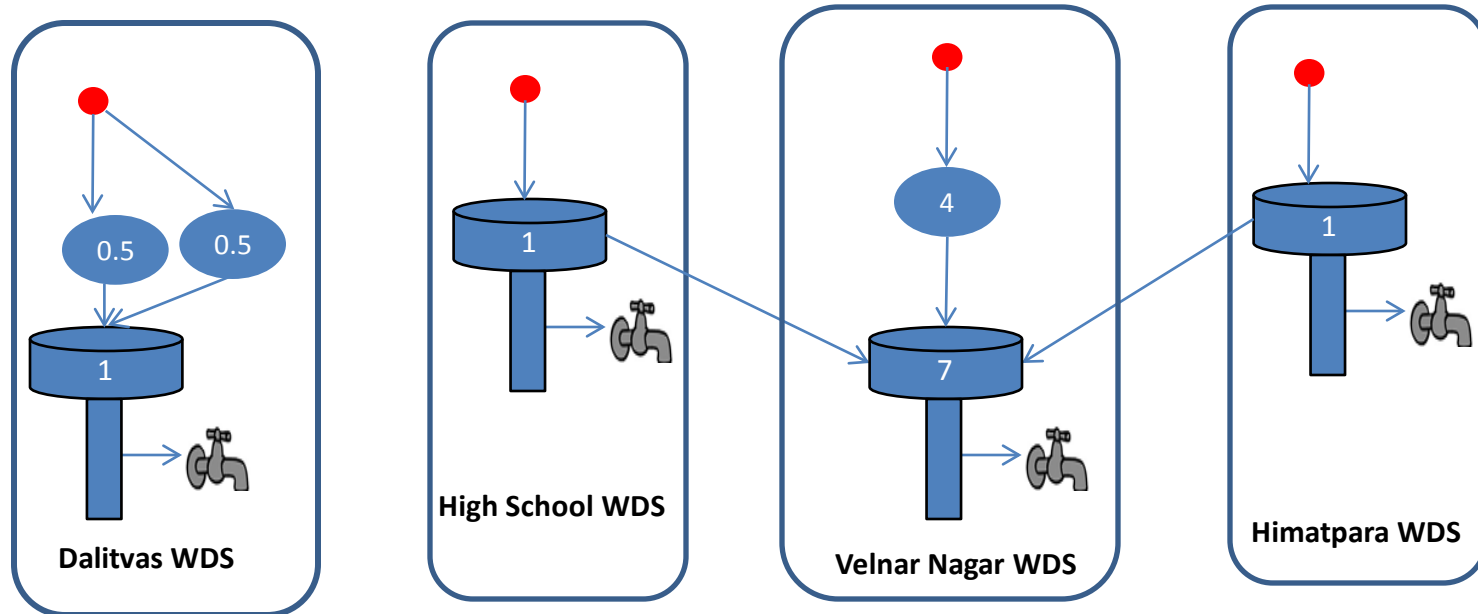
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Patdi Municipality (Class-D)



WATER LOSS

Water Production at Source: 19.00 Lakh Litres/Day
 Water Estimated consumption quantity: 16.80 Lakh Litres/Day
 Estimated Total Loss: 2.20 Lakh Litres/Day



WTP
108

Bore/
TubeWell/Open
Well



ESR



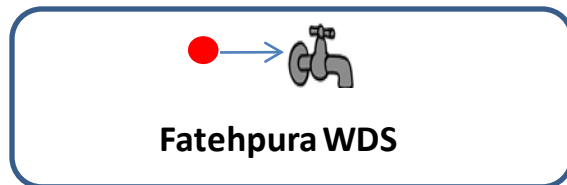
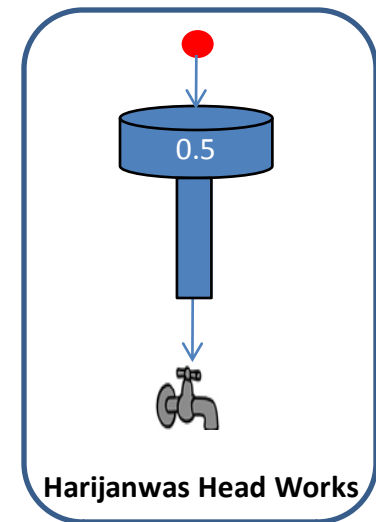
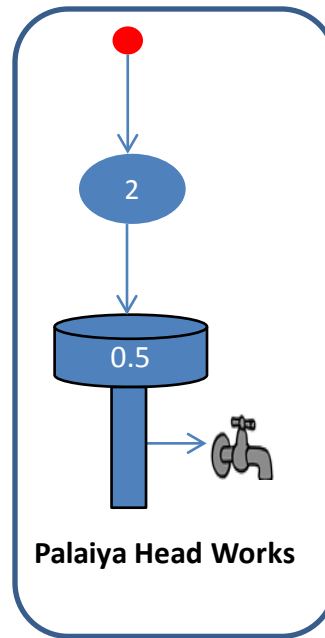
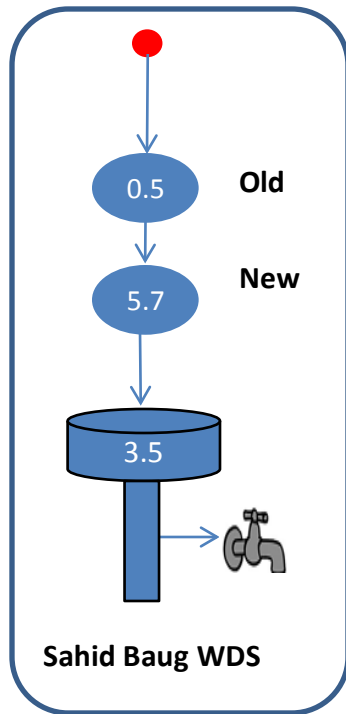
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

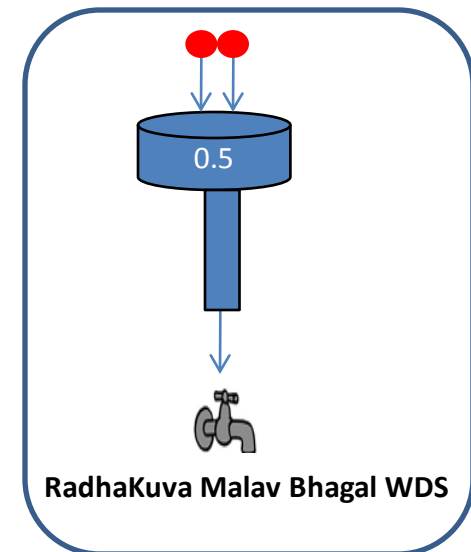
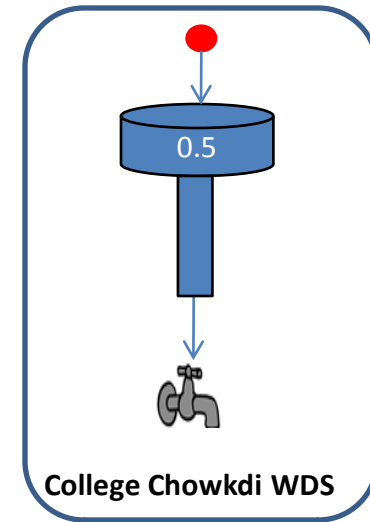
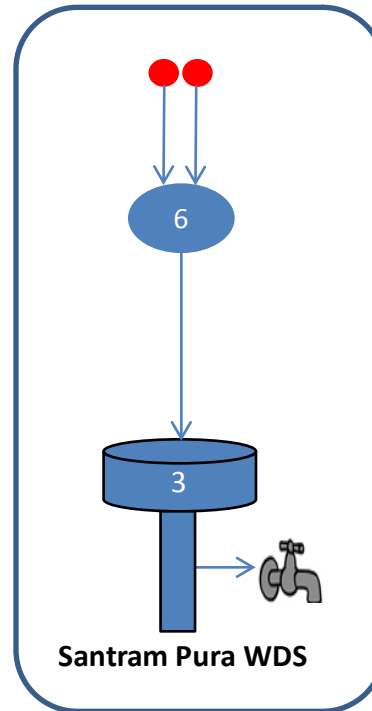
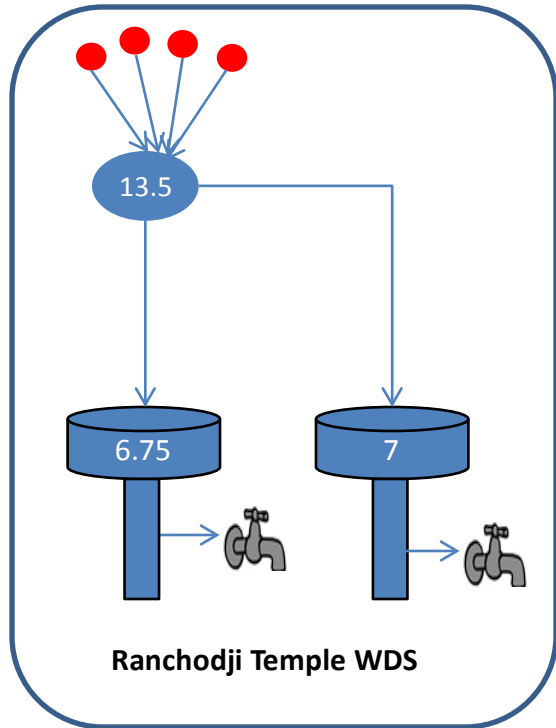
Pethapur Municipality (Class-D)



WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day
 Water Estimated consumption quantity: 27.50 Lakh Litres/Day
 Estimated Total Loss: 2.50 Lakh Litres/Day

Petlad Municipality (Class-B)



WATER LOSS

Water Production at Source: 87.00 Lakh Litres/Day
 Water Estimated consumption quantity: 82.70 Lakh Litres/Day
 Estimated Total Loss: 4.30 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

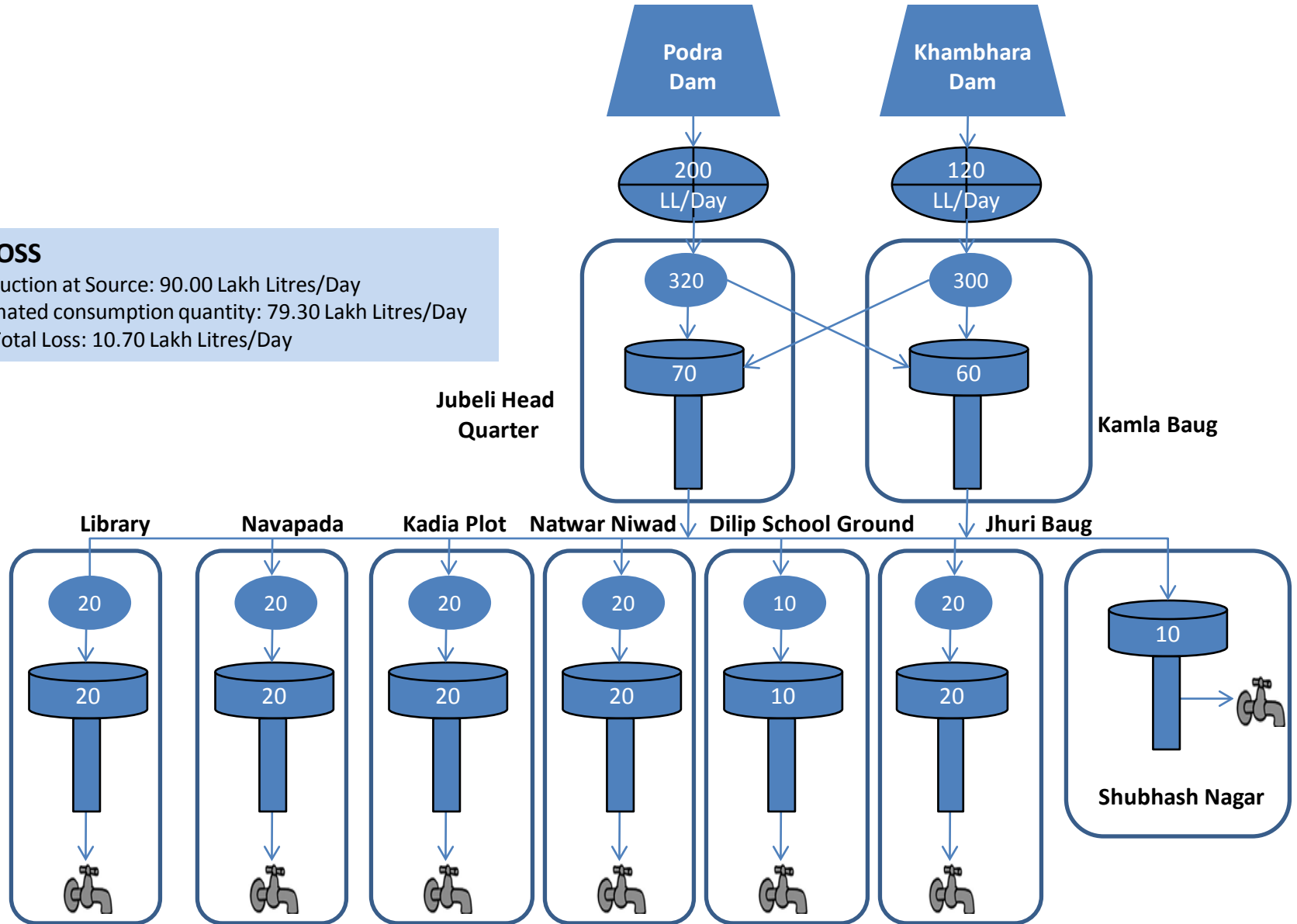
Porbandar Municipality (Class-A)

WATER LOSS

Water Production at Source: 90.00 Lakh Litres/Day

Water Estimated consumption quantity: 79.30 Lakh Litres/Day

Estimated Total Loss: 10.70 Lakh Litres/Day



WTP 111

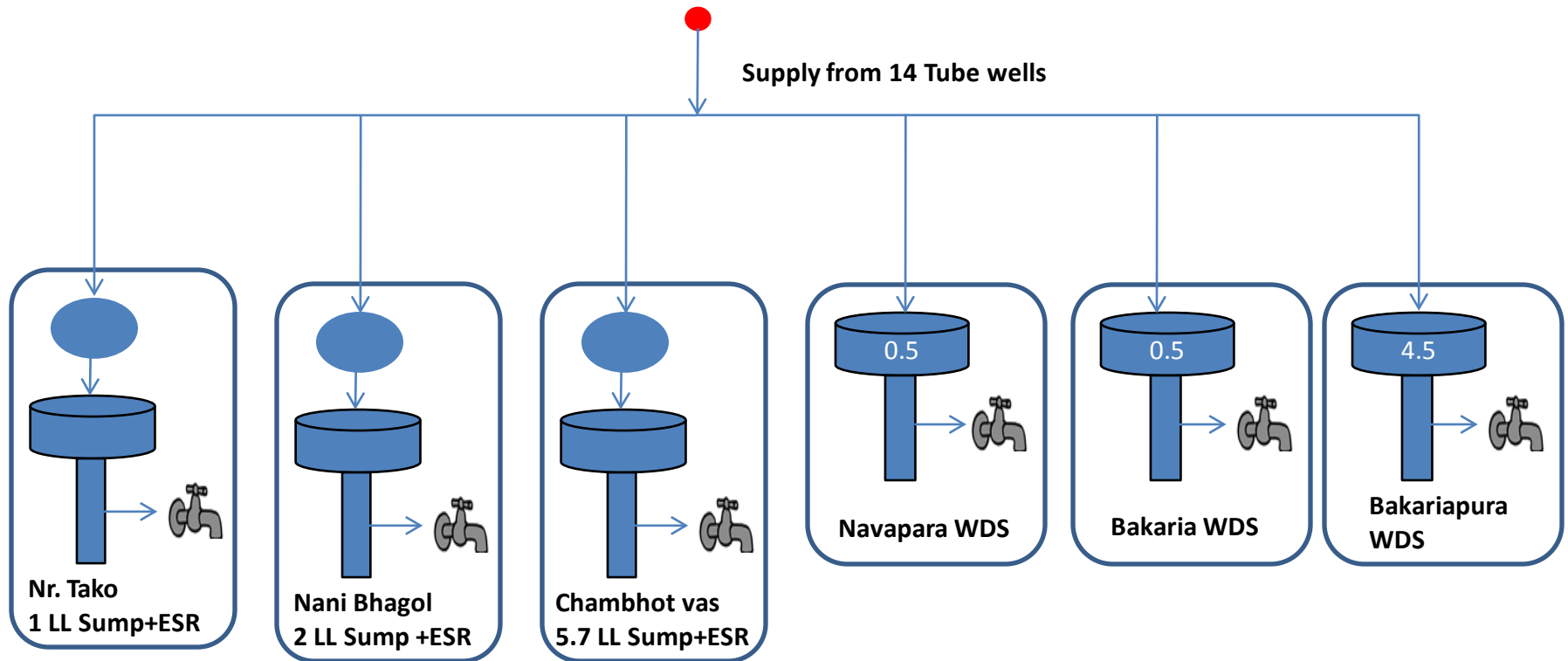
Bore/
TubeWell/Open
Well



Consumer End

All units are in Lakh Litres ; As on 2012-13

Prantij Municipality (Class-D)



WATER LOSS

Water Production at Source: 22.00 Lakh Litres/Day

Water Estimated consumption quantity: 15.93 Lakh Litres/Day

Estimated Total Loss: 6.07 Lakh Litres/Day



WTP
112

Bore/
TubeWell/Open
Well



Consumer End All units are in Lakh Litres ; As on 2012-13

Radhanpur Municipality (Class-C)

Narmada Canal

GWSSB

Vithal Nagar WDS

Albusar Bugicha WDS

Desai Darwaja WDS

Shantidham WDS

New Post Office WDS

Rest House WDS

Bhiloti Dargwar WDS

WATER LOSS

Water Production at Source: 36.00 Lakh Litres/Day

Water Estimated consumption quantity: 24.50 Lakh Litres/Day

Estimated Total Loss: 11.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



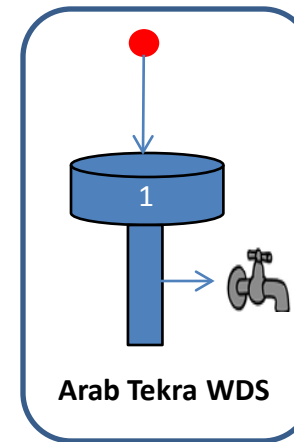
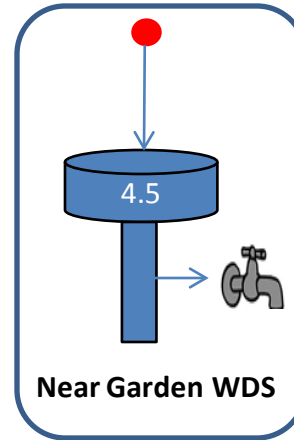
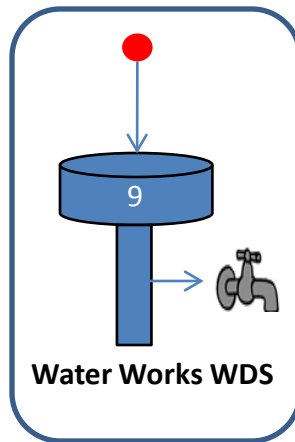
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Rajpipla Municipality (Class-C)



WATER LOSS

Water Production at Source: 42.00 Lakh Litres/Day

Water Estimated consumption quantity: 37.34 Lakh Litres/Day

Estimated Total Loss: 4.66 Lakh Litres/Day



WTP
114

● Bore/
TubeWell/Open
Well



Sump



ESR



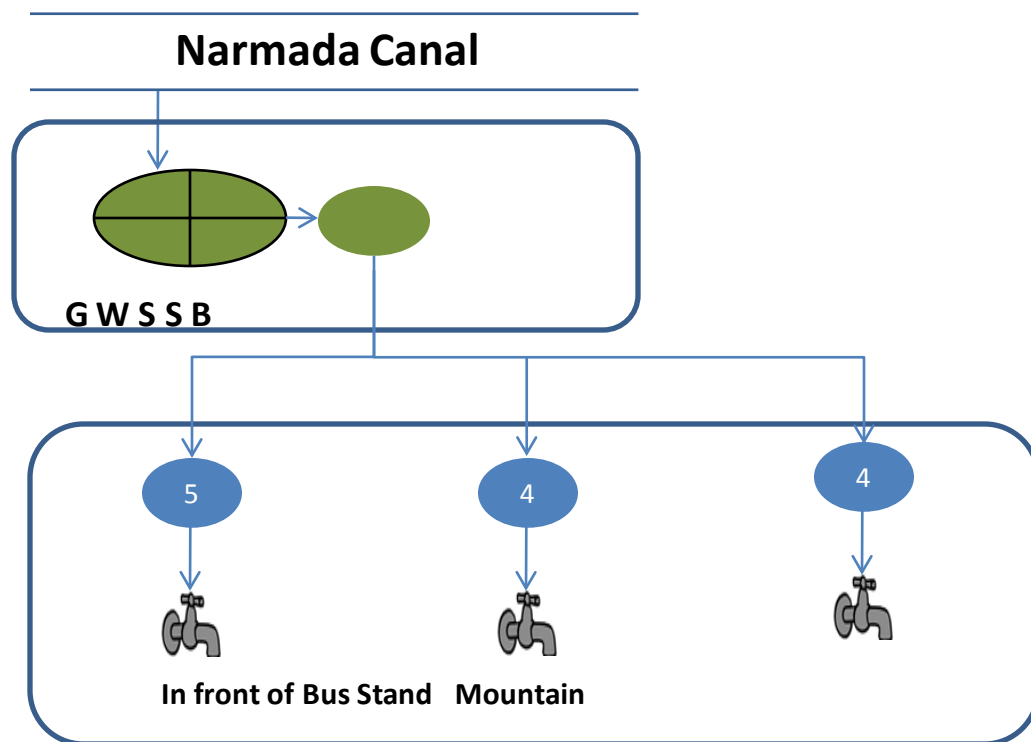
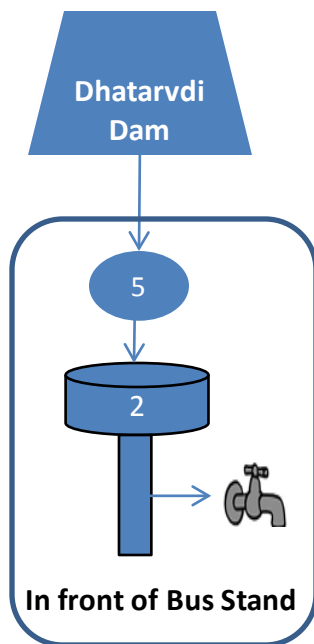
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

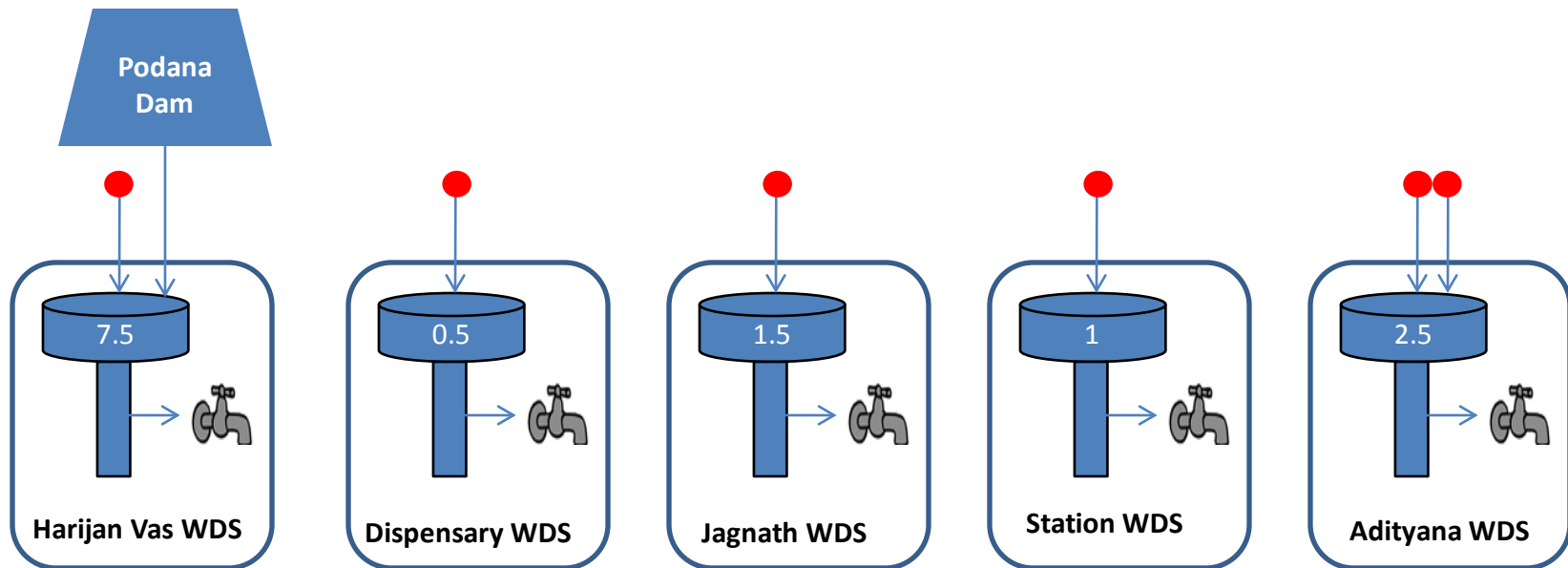
Rajula Municipality (Class-C)



WATER LOSS

Water Production at Source: 16.50 Lakh Litres/Day
 Water Estimated consumption quantity: 14.80 Lakh Litres/Day
 Estimated Total Loss: 1.70 Lakh Litres/Day

Ranavav Municipality (Class-D)



WATER LOSS

Water Production at Source: 15.00 Lakh Litres/Day
 Water Estimated consumption quantity: 13.53 Lakh Litres/Day
 Estimated Total Loss: 1.47 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



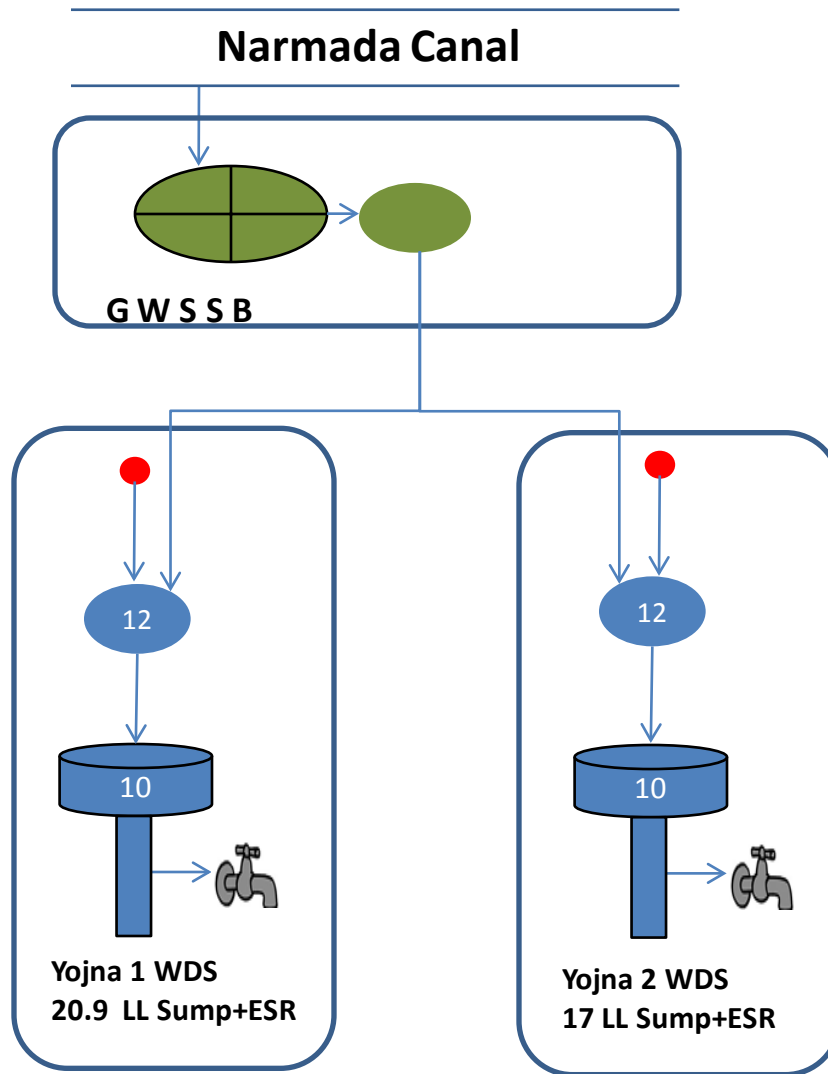
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Rapar Municipality (Class-D)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day
 Water Estimated consumption quantity: 19.30 Lakh Litres/Day
 Estimated Total Loss: 5.70 Lakh Litres/Day



WTP 117

Bore/
Tube Well/Open
Well



Sump



ESR



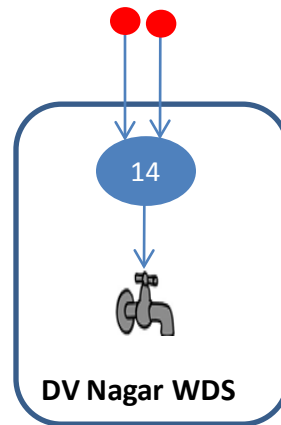
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Salaya Municipality (Class-C)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day

Water Estimated consumption quantity: 18.83 Lakh Litres/Day

Estimated Total Loss: 6.17 Lakh Litres/Day



WTP

118

Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

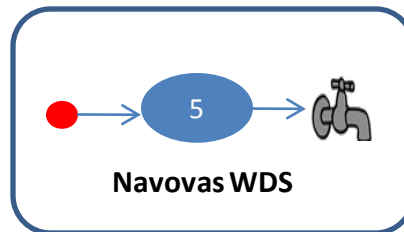
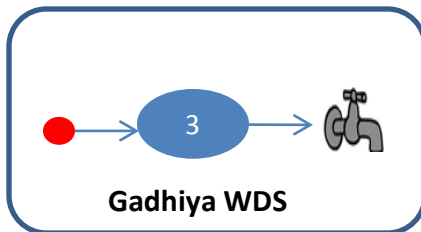
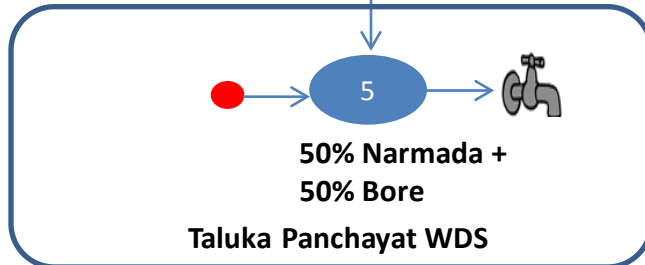
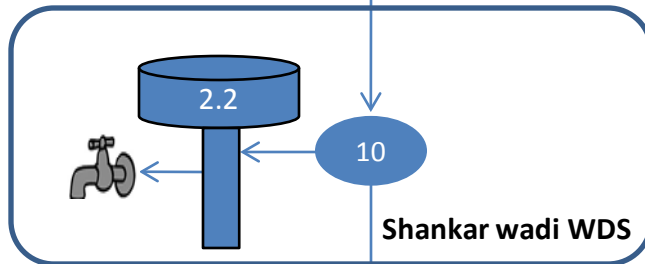
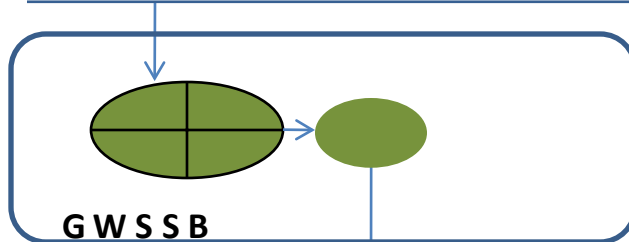


Consumer End

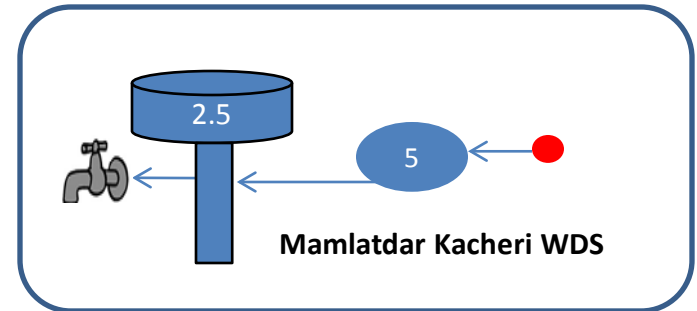
All units are in Lakh Litres ; As on 2012-13

Sanand Municipality (Class-C)

Narmada Canal



Direct Pumping at 12 WDS : Lakshmana, Thakker bapa chatralaya, Gowardhan park, Madhavnagar, Vadnagar, Laypura, Radhe Upvan, Nanu Shah no dehlo, Siddhnath, Harekrushna Nagar, Gujarat Housing Board, Ambaji Mata



WATER LOSS

Water Production at Source: 70.00 Lakh Litres/Day

Water Estimated consumption quantity: 59.68 Lakh Litres/Day

Estimated Total Loss: 10.32 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



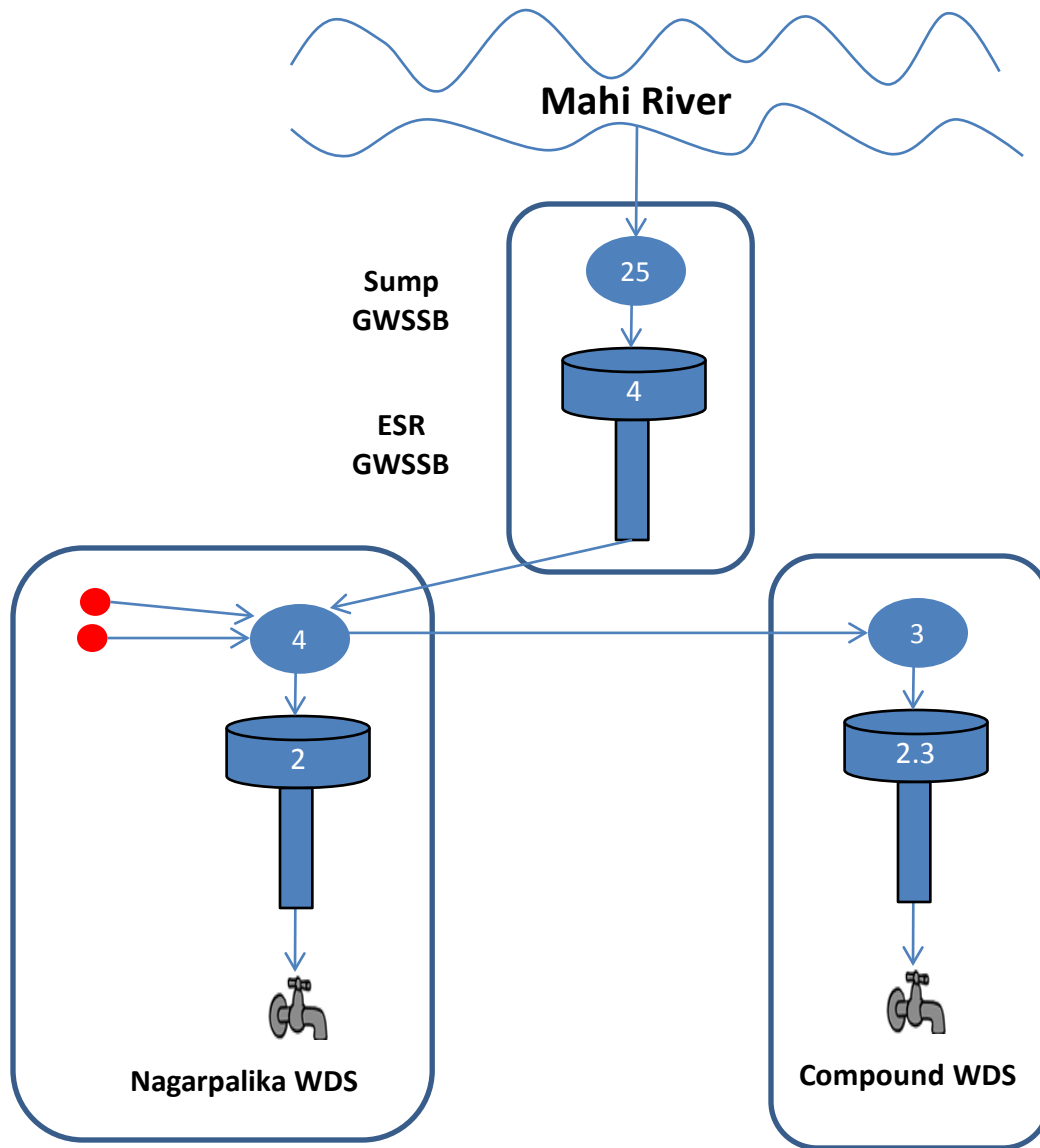
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Santrampur Municipality (Class-D)



WATER LOSS

Water Production at Source: 15.00 Lakh Litres/Day
 Water Estimated consumption quantity: 11.50 Lakh Litres/Day
 Estimated Total Loss: 3.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



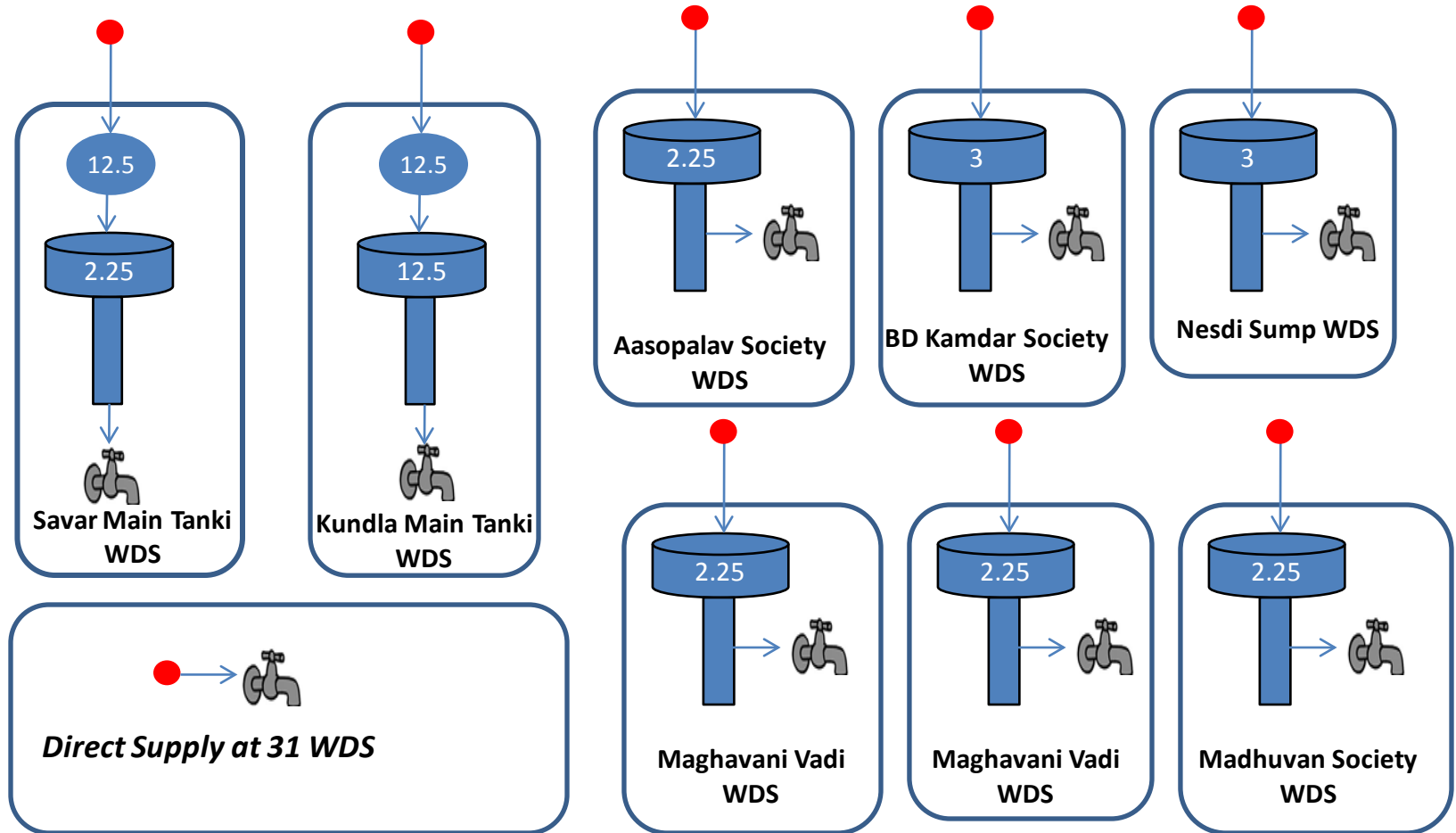
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Savarkundla Municipality (Class-B)



WATER LOSS

Water Production at Source: 70.00 Lakh Litres/Day
 Water Estimated consumption quantity: 57.70 Lakh Litres/Day
 Estimated Total Loss: 12.30 Lakh Litres/Day



WTP
121

● Bore/
TubeWell/Open
Well



Sump



ESR



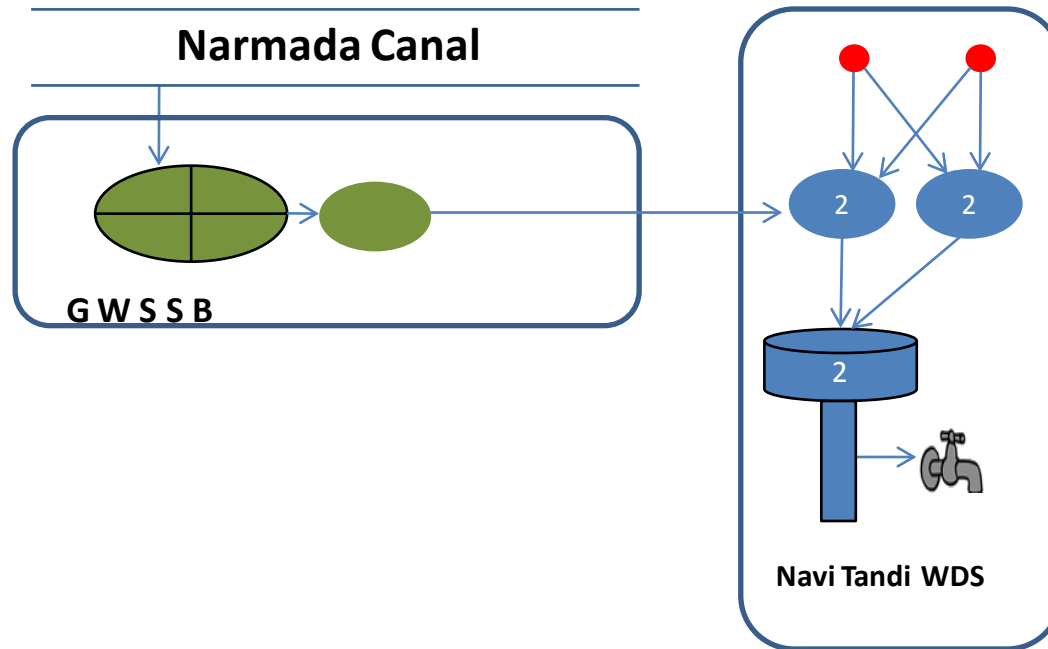
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Savli Municipality (Class-D)



WATER LOSS

Water Production at Source: 29.00 Lakh Litres/Day

Water Estimated consumption quantity: 27.53 Lakh Litres/Day

Estimated Total Loss: 1.47 Lakh Litres/Day



WTP
122

Bore/
TubeWell/Open
Well



Sump



ESR



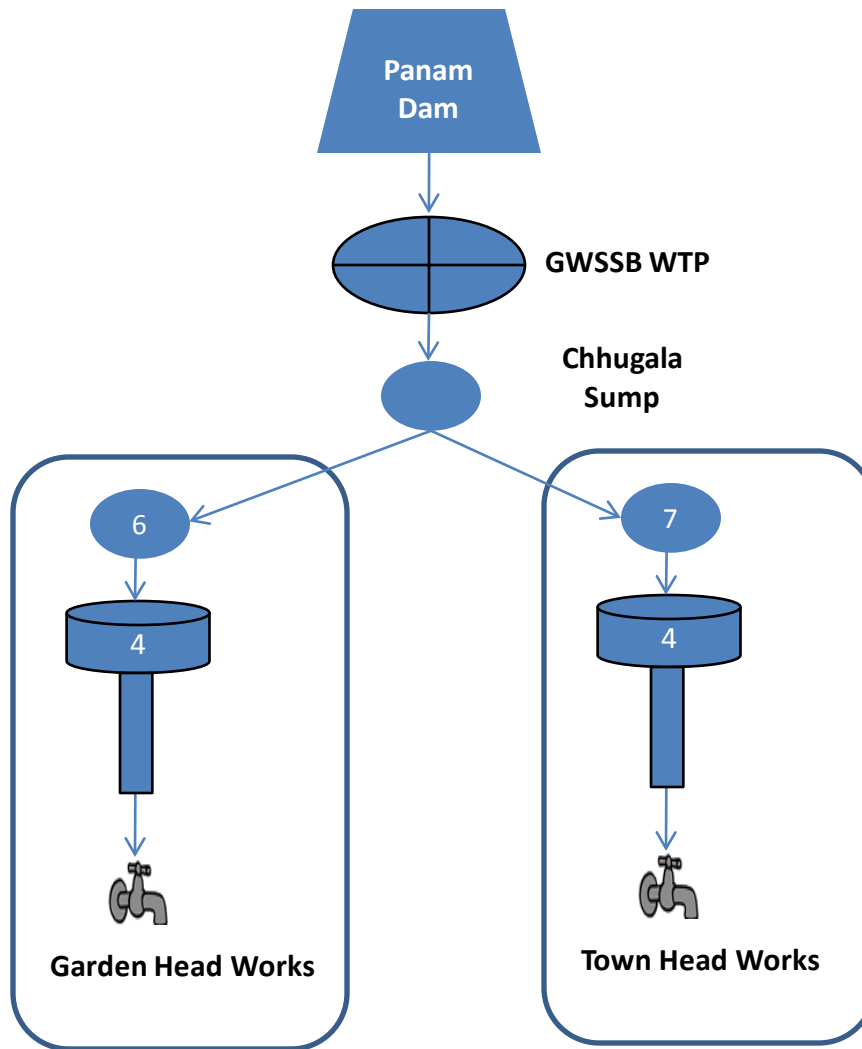
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Shahera Municipality (Class-D)



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day
Water Estimated consumption quantity: 12.90 Lakh Litres/Day
Estimated Total Loss: 7.10 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

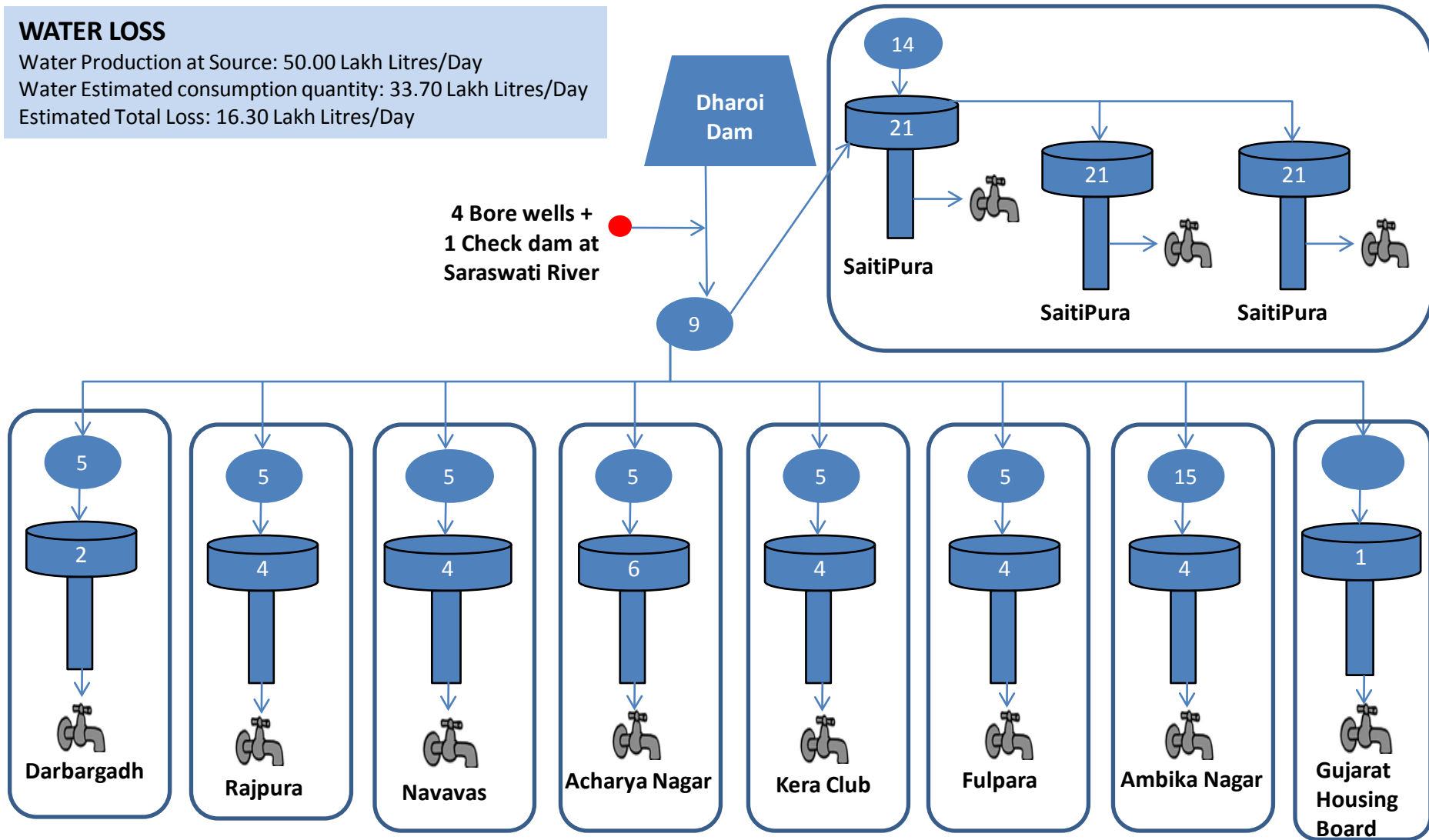
Siddhpur Municipality (Class-B)

WATER LOSS

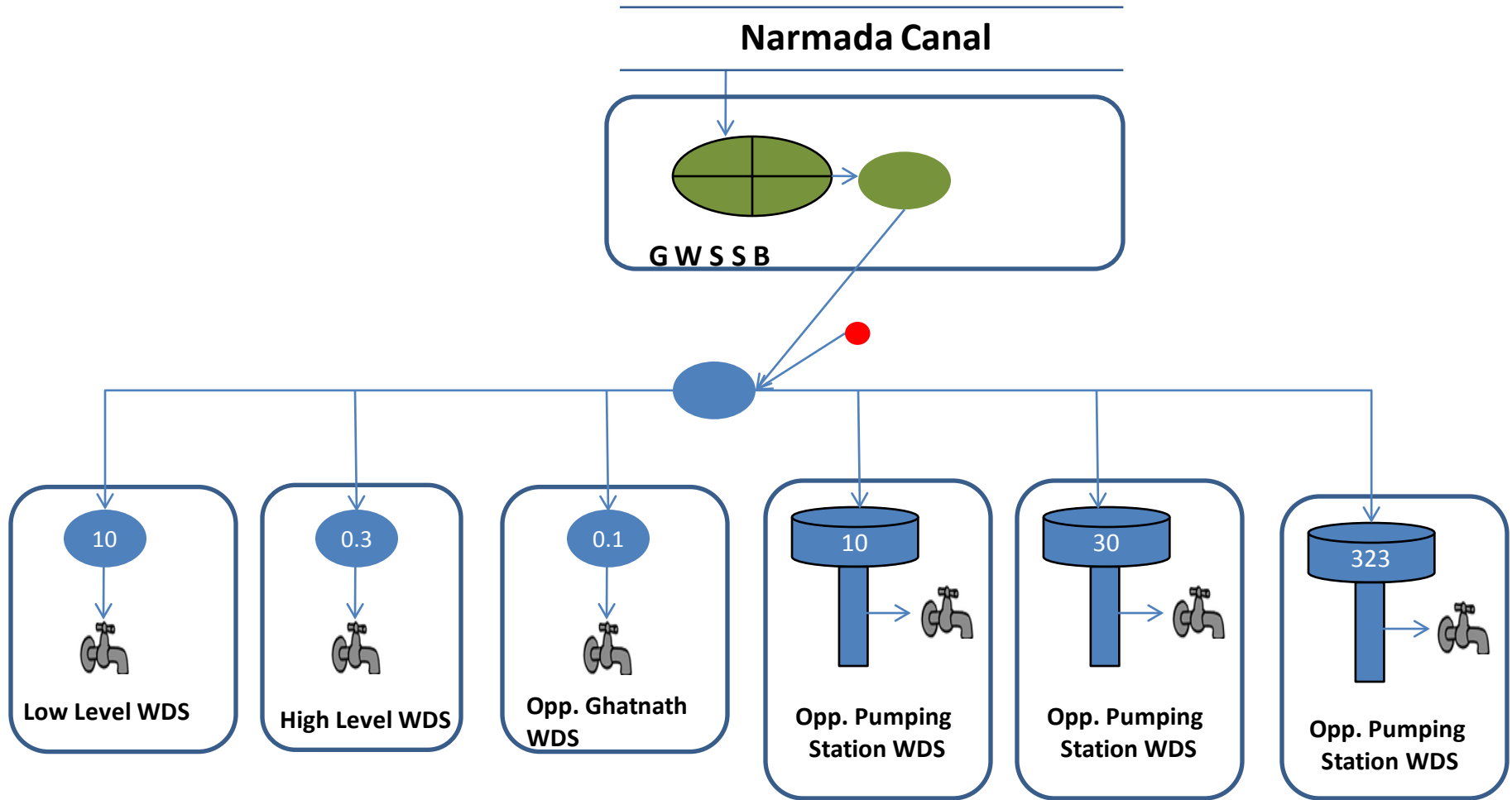
Water Production at Source: 50.00 Lakh Litres/Day

Water Estimated consumption quantity: 33.70 Lakh Litres/Day

Estimated Total Loss: 16.30 Lakh Litres/Day



Sihor Municipality (Class-C)



WATER LOSS

Water Production at Source: 55.00 Lakh Litres/Day
 Water Estimated consumption quantity: 36.60 Lakh Litres/Day
 Estimated Total Loss: 18.40 Lakh Litres/Day



WTP 125

Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

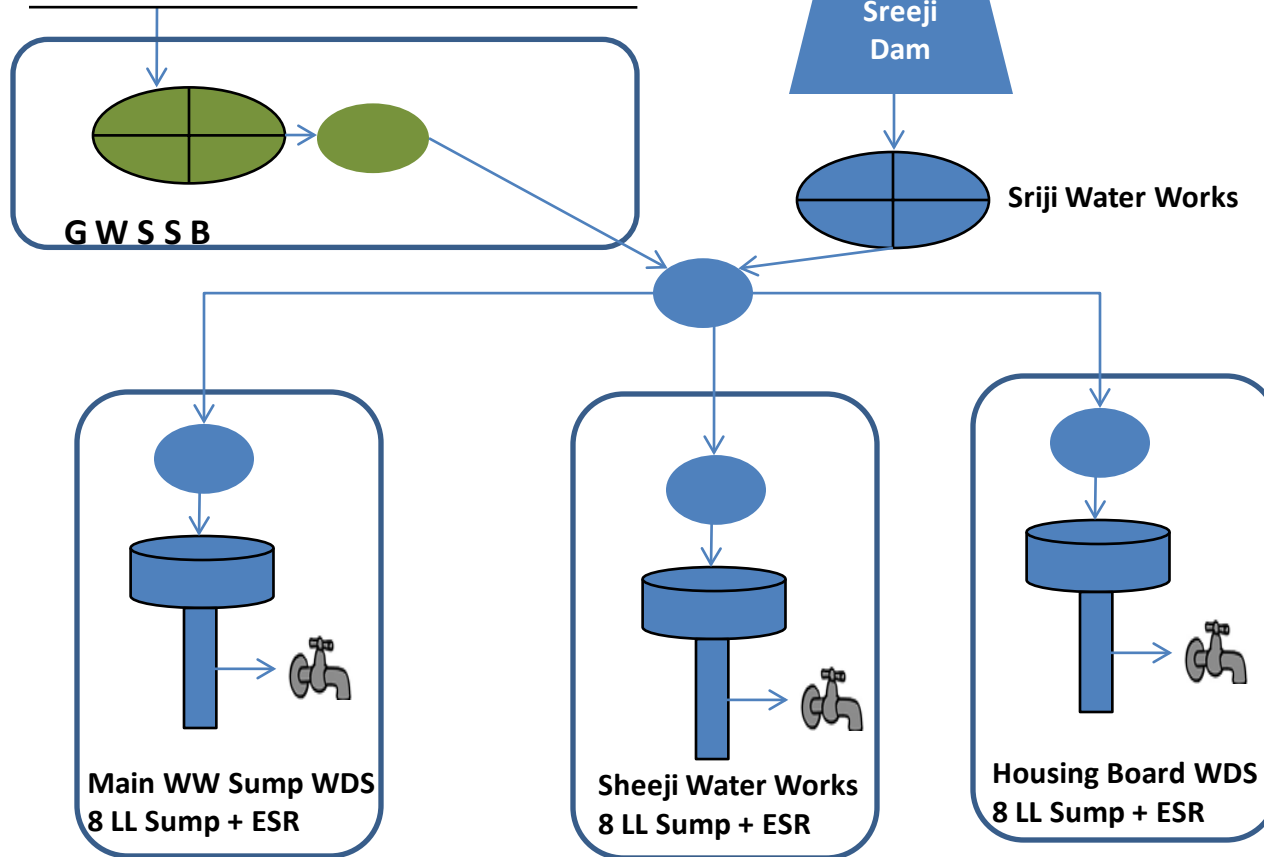


Consumer End

All units are in Lakh Litres ; As on 2012-13

Sikka Municipality (Class-D)

Narmada Canal



WATER LOSS

Water Production at Source: 20.00 Lakh Litres/Day
 Water Estimated consumption quantity: ND
 Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



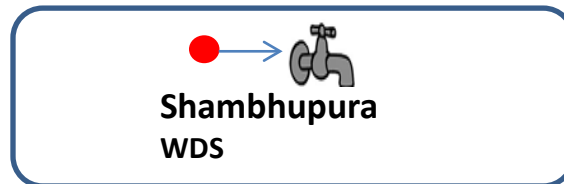
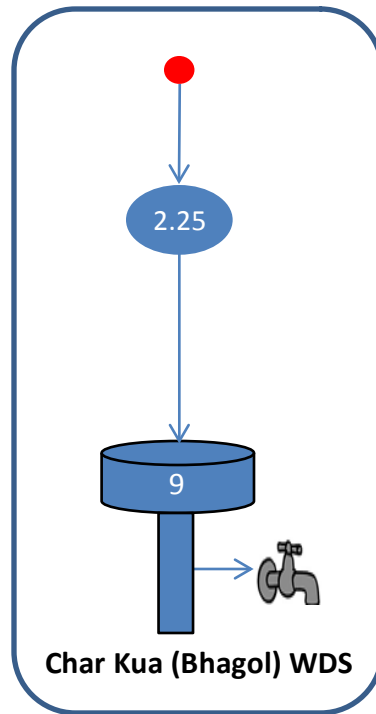
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Sojitra Municipality (Class-D)



WATER LOSS

Water Production at Source: 31.00 Lakh Litres/Day
Water Estimated consumption quantity: ND
Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

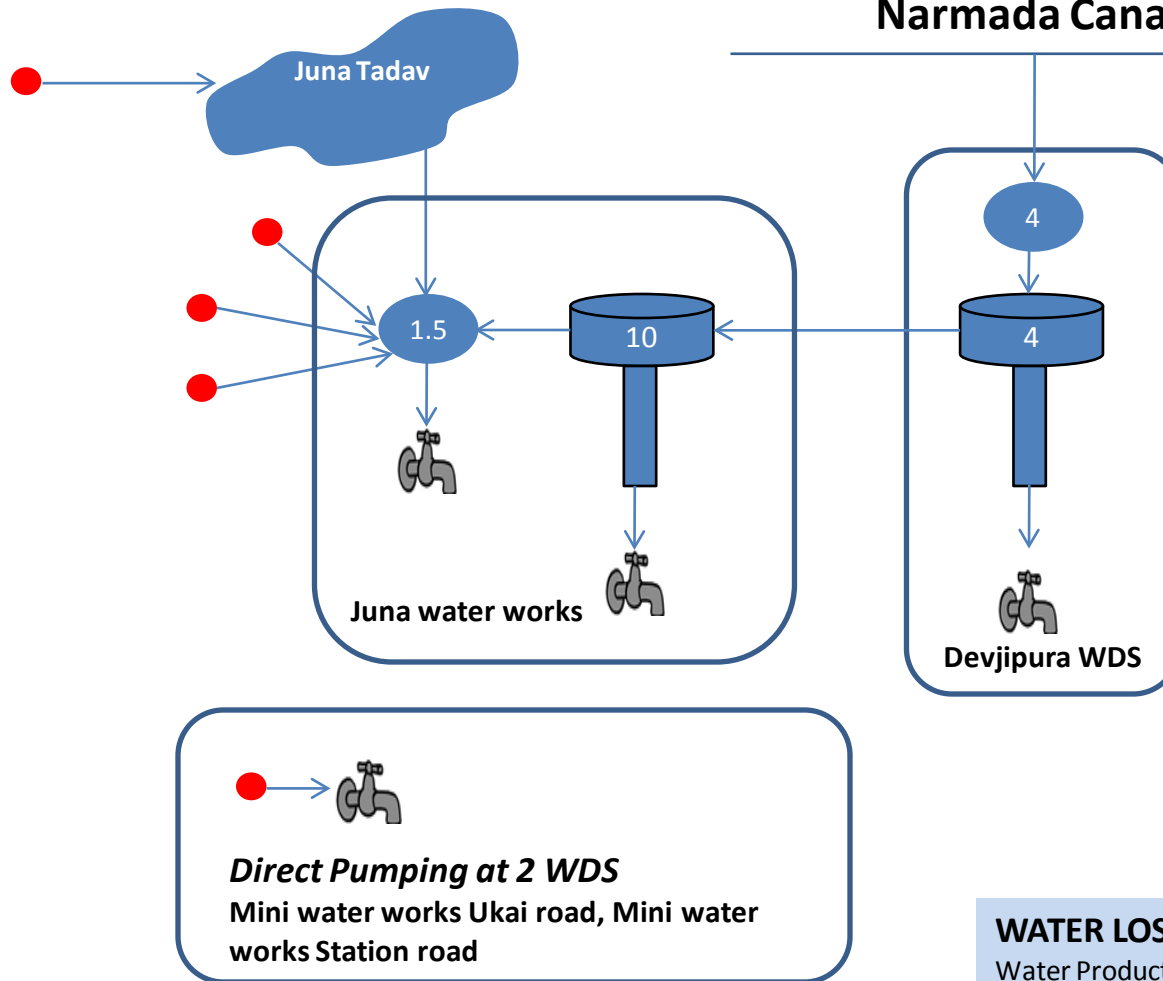


Consumer End

All units are in Lakh Litres ; As on 2012-13

Songadh Municipality (Class-D)

Narmada Canal



WATER LOSS

Water Production at Source: 50.00 Lakh Litres/Day
 Water Estimated consumption quantity: 32.50 Lakh Litres/Day
 Estimated Total Loss: 17.50 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



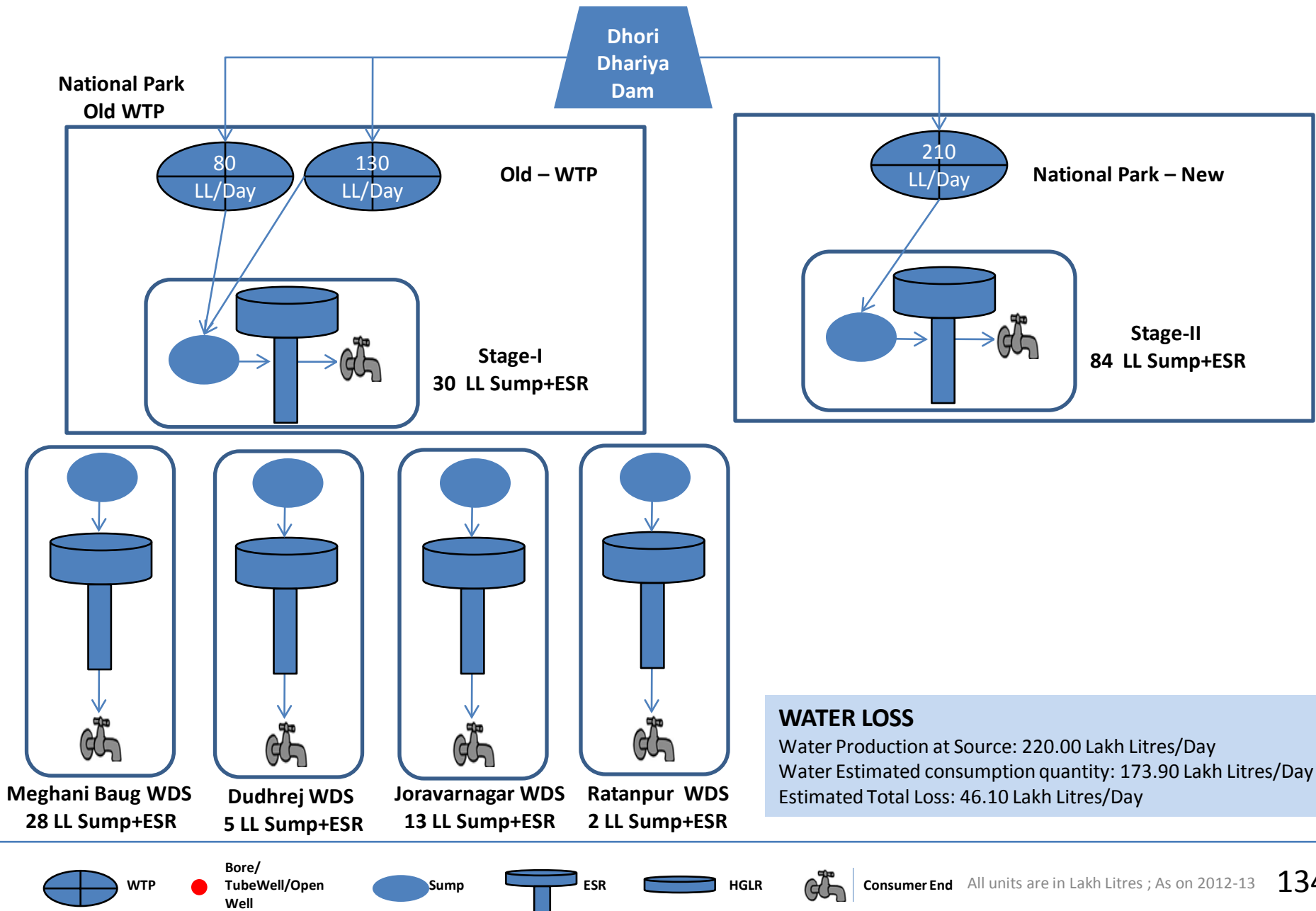
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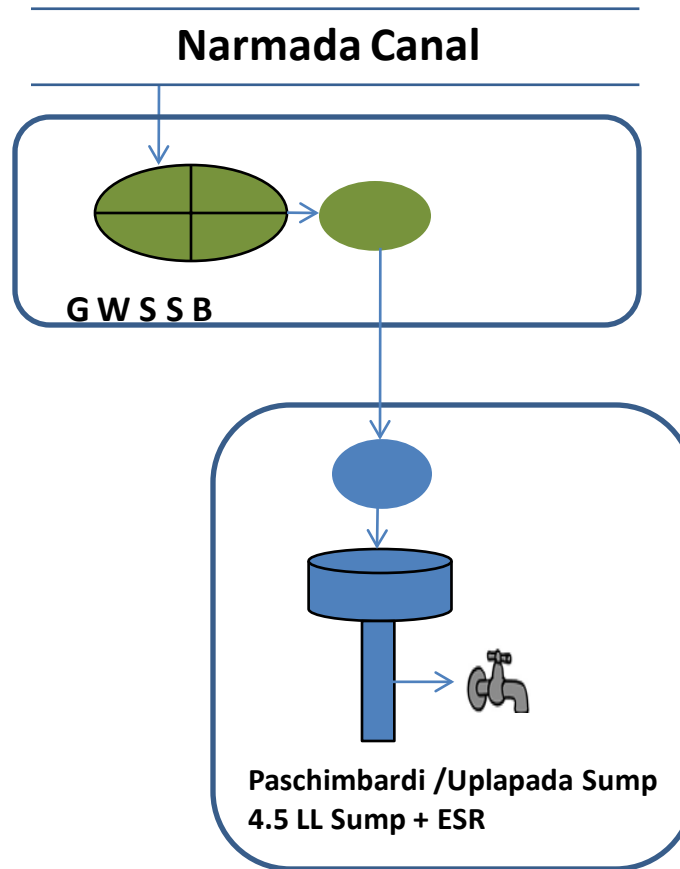
Consumer End

All units are in Lakh Litres ; As on 2012-13

Surendranagar Municipality (Class-A)



Sutrapada Municipality (Class-D)



WATER LOSS

Water Production at Source: 5.00 Lakh Litres/Day

Water Estimated consumption quantity: 3.90 Lakh Litres/Day

Estimated Total Loss: 1.10 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



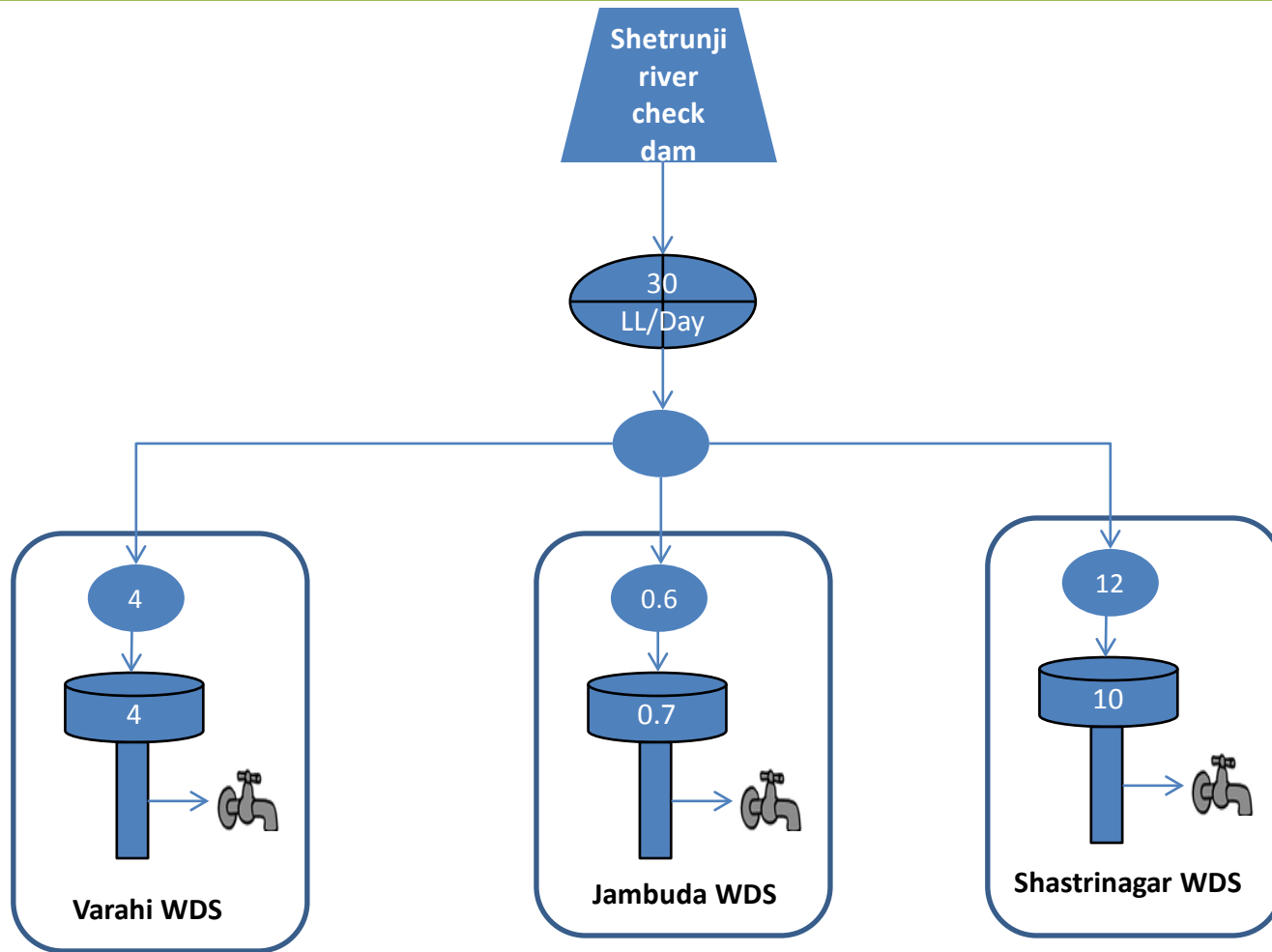
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Talaja Municipality (Class-C)



WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day

Water Estimated consumption quantity: 23.65 Lakh Litres/Day

Estimated Total Loss: 6.35 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



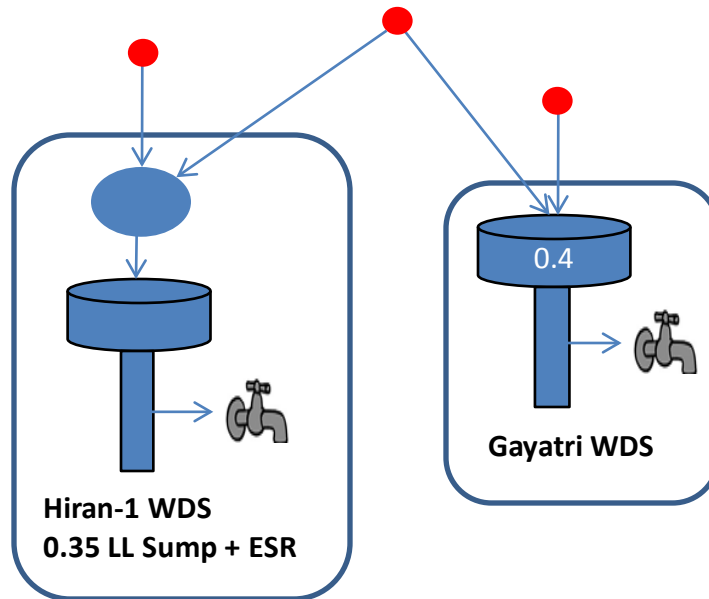
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Talala Municipality (Class-D)



WATER LOSS

Water Production at Source: 24.00 Lakh Litres/Day

Water Estimated consumption quantity: 20.56 Lakh Litres/Day

Estimated Total Loss: 3.44 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



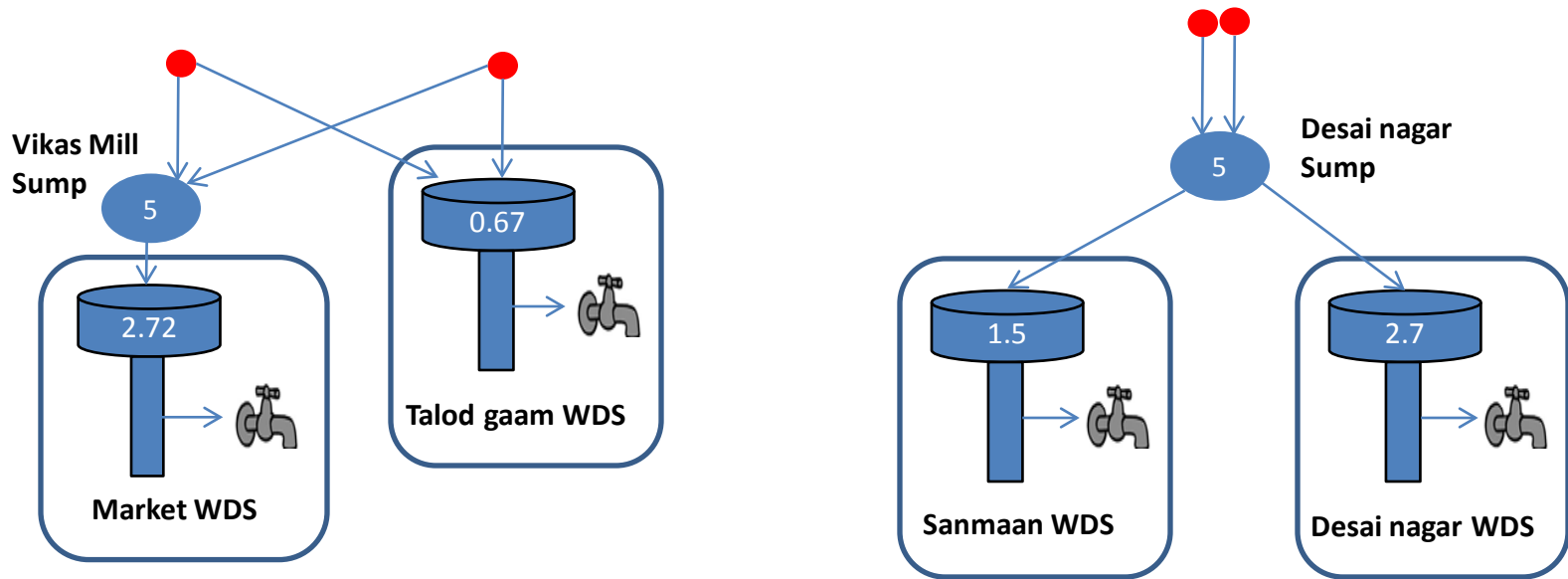
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Talod Municipality (Class-D)



WATER LOSS

Water Production at Source: 17.00 Lakh Litres/Day
 Water Estimated consumption quantity: ND
 Estimated Total Loss: ND



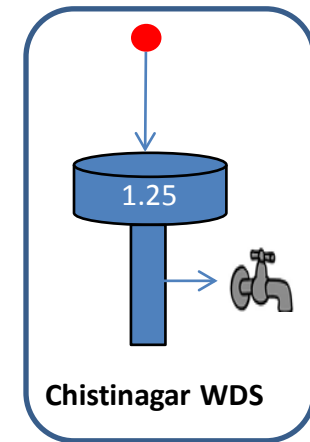
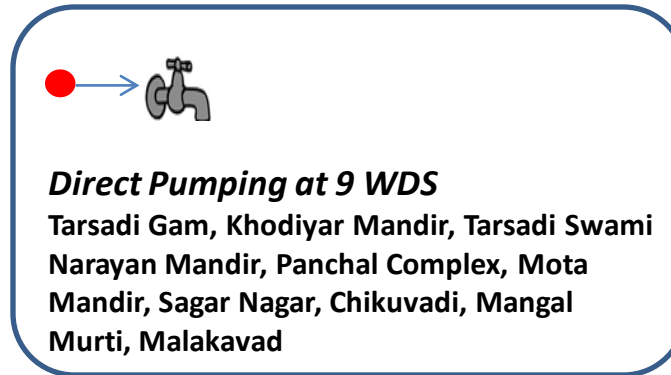
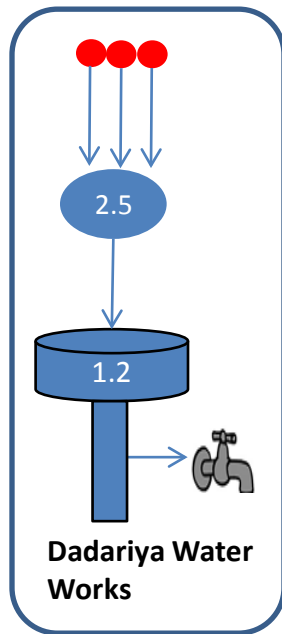
WTP 133

Bore/
TubeWell/Open
Well



Consumer End All units are in Lakh Litres ; As on 2012-13

Tarsadi Municipality (Class-D)



WATER LOSS

Water Production at Source: 16.50 Lakh Litres/Day
 Water Estimated consumption quantity: ND
 Estimated Total Loss: ND



WTP
134

● Bore/
TubeWell/Open
Well



Sump



ESR



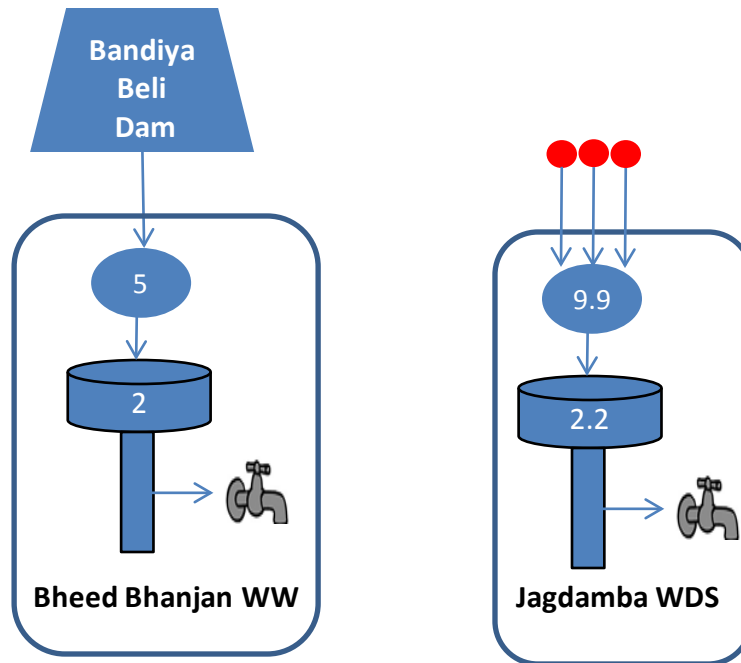
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Thangadh Municipality (Class-C)



WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day
Water Estimated consumption quantity: 20.00 Lakh Litres/Day
Estimated Total Loss: 10.00 Lakh Litres//Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

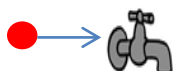
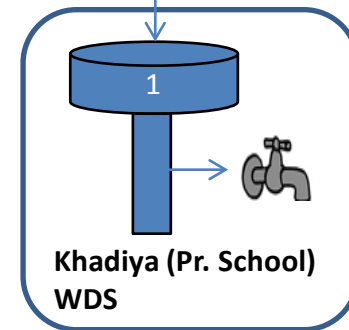
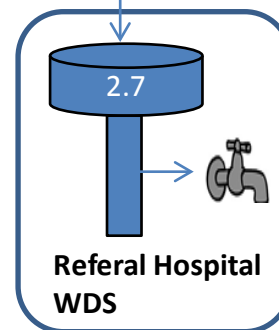
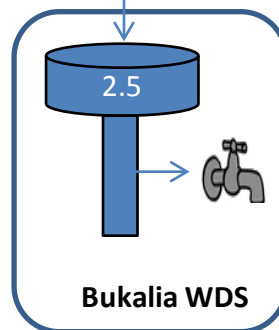
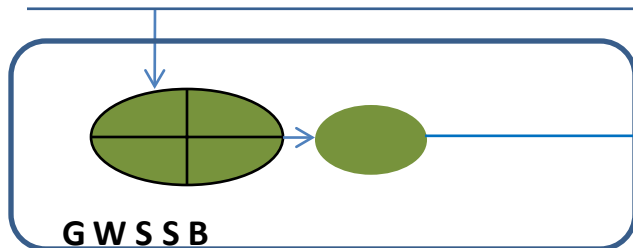


Consumer End

All units are in Lakh Litres ; As on 2012-13

Thara Municipality (Class-D)

Narmada Canal

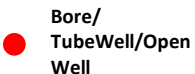


Direct Pumping at 6 WDS:

Bagicha Bore Petrol pump bore, Parsavnagar bore, Jesanji Deasiji Thakor, Virmji Vastaji Thakor, Pancholi Bharatkumar. B, Sakaraji Shivaji Thakor

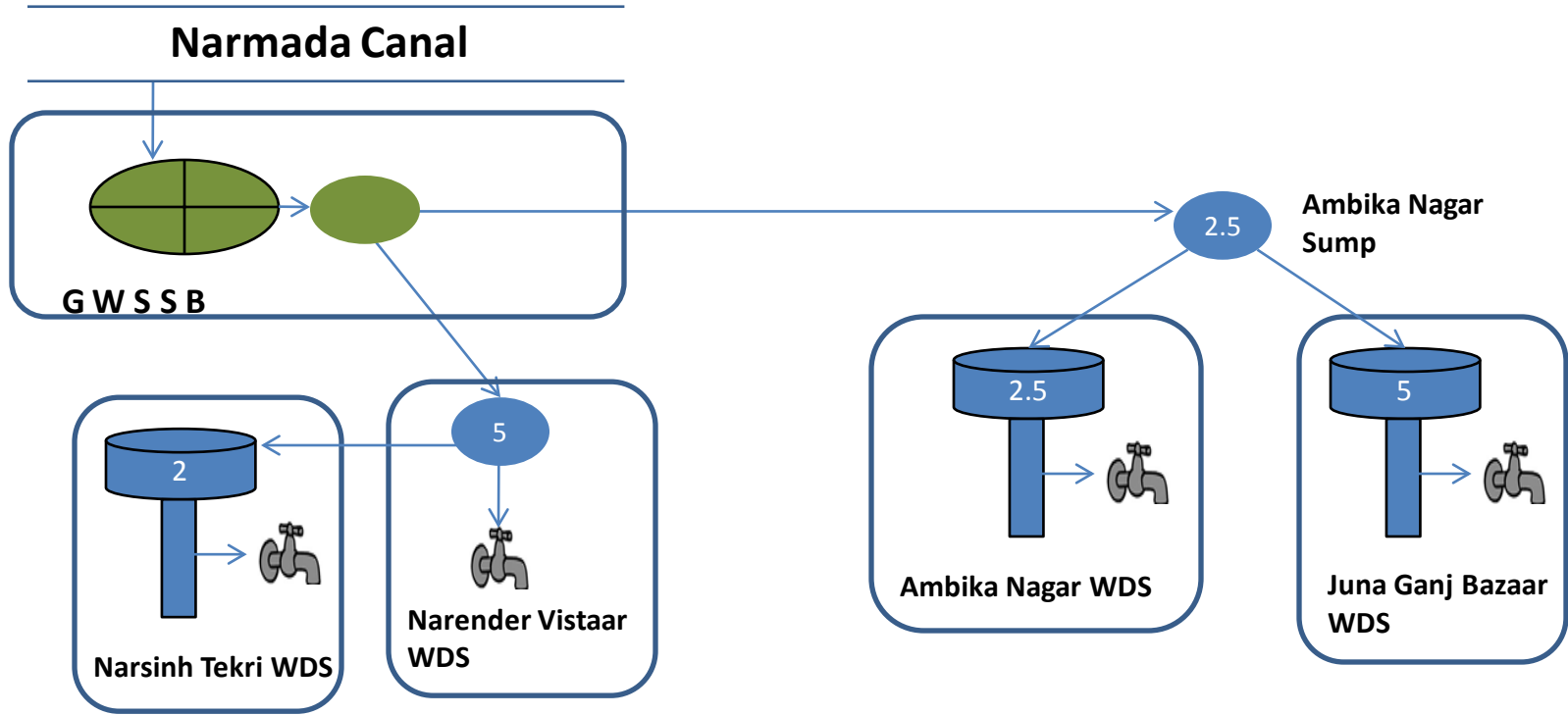
WATER LOSS

Water Production at Source: 53.50 Lakh Litres/Day
 Water Estimated consumption quantity: 41.60 Lakh Litres/Day
 Estimated Total Loss: 11.90 Lakh Litres/Day



All units are in Lakh Litres ; As on 2012-13

Tharad Municipality (Class-D)



WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day
 Water Estimated consumption quantity: 20.97 Lakh Litres/Day
 Estimated Total Loss: 9.03 Lakh Litres/Day



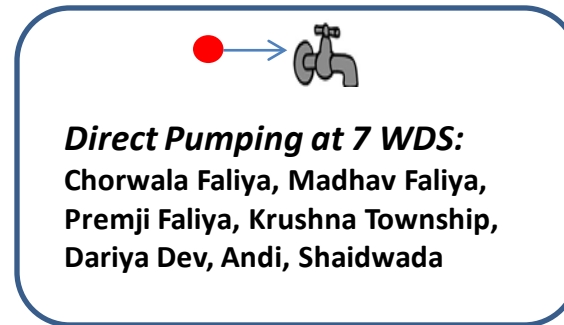
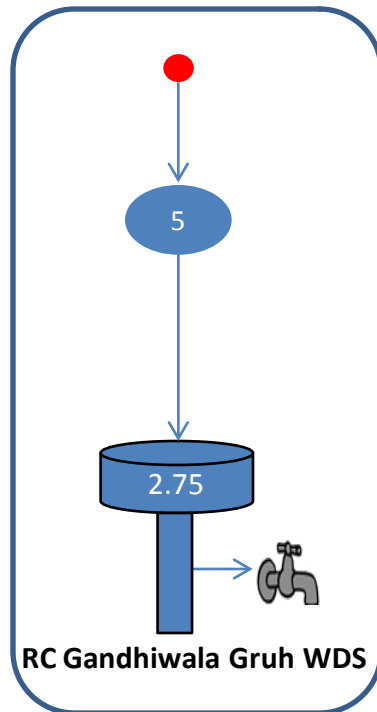
WTP 137

Bore/
TubeWell/Open
Well



Consumer End All units are in Lakh Litres ; As on 2012-13

Thasra Municipality (Class-D)



WATER LOSS

Water Production at Source: 25.00 Lakh Litres/Day

Water Estimated consumption quantity: 21.98 Lakh Litres/Day

Estimated Total Loss: 3.02 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



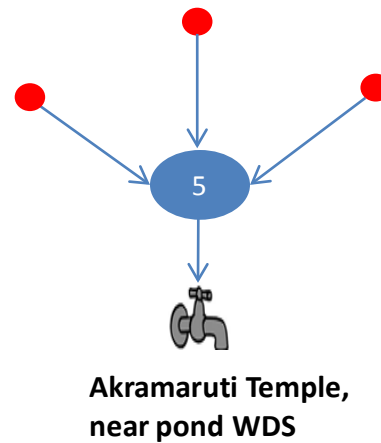
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Umargam Municipality (Class-D)



WATER LOSS

Water Production at Source: 5.00 Lakh Litres/Day

Water Estimated consumption quantity: 3.50 Lakh Litres/Day

Estimated Total Loss: 1.50 Lakh Litres/Day



WTP
139

Bore/
TubeWell/Open
Well



Sump



ESR



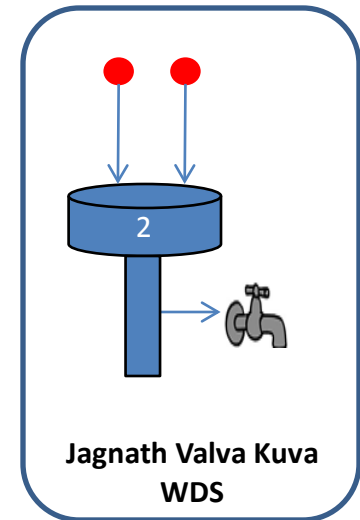
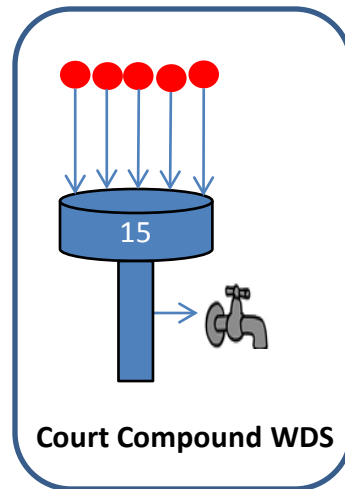
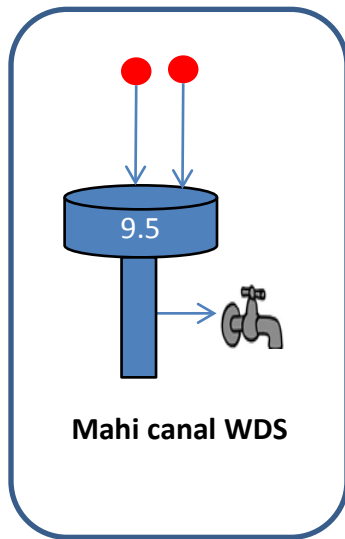
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Umreth Municipality (Class-C)



WATER LOSS

Water Production at Source: 65.00 Lakh Litres/Day

Water Estimated consumption quantity: 51.38 Lakh Litres/Day

Estimated Total Loss: 13.62 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



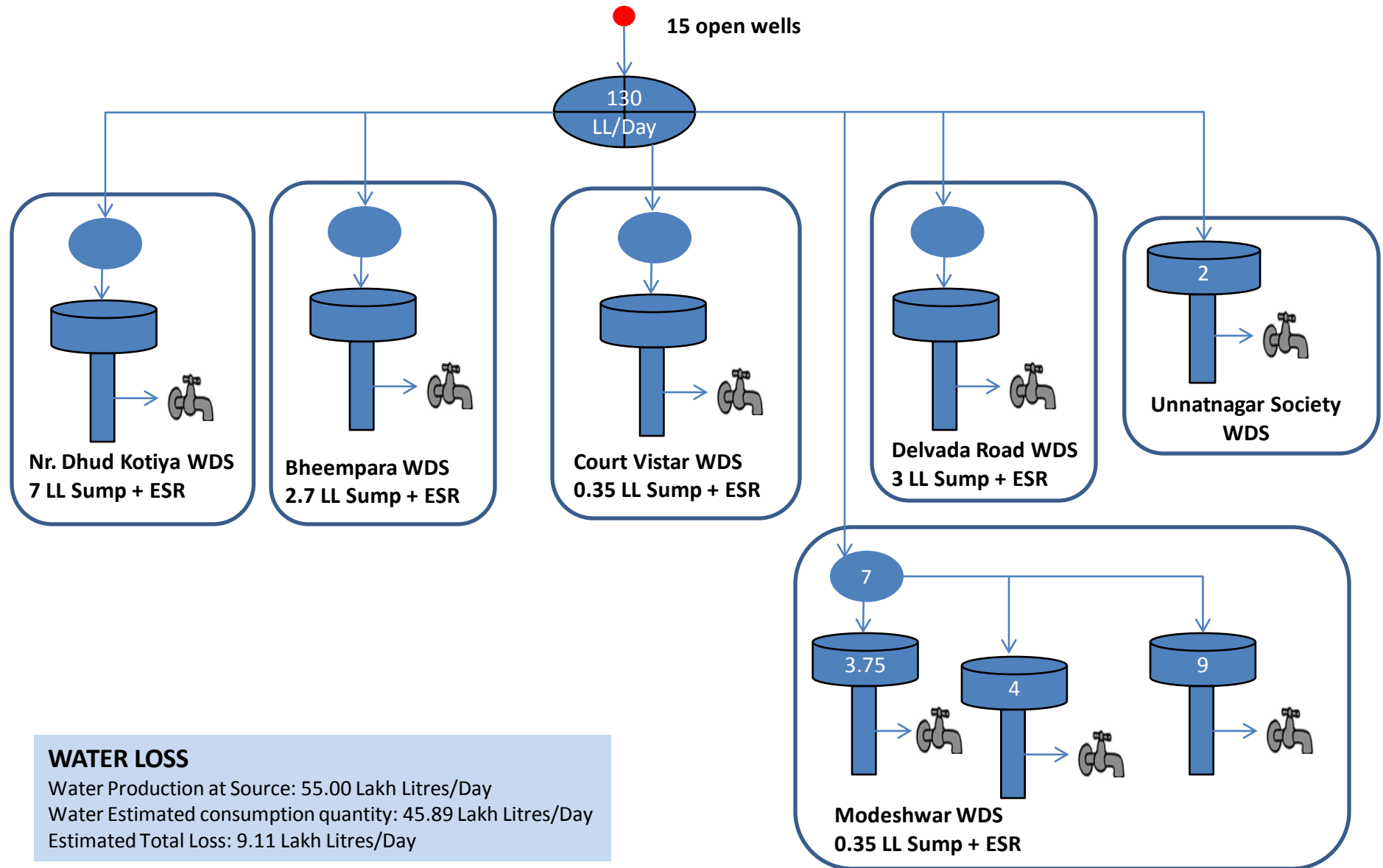
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Una Municipality (Class-B)



WTP 141

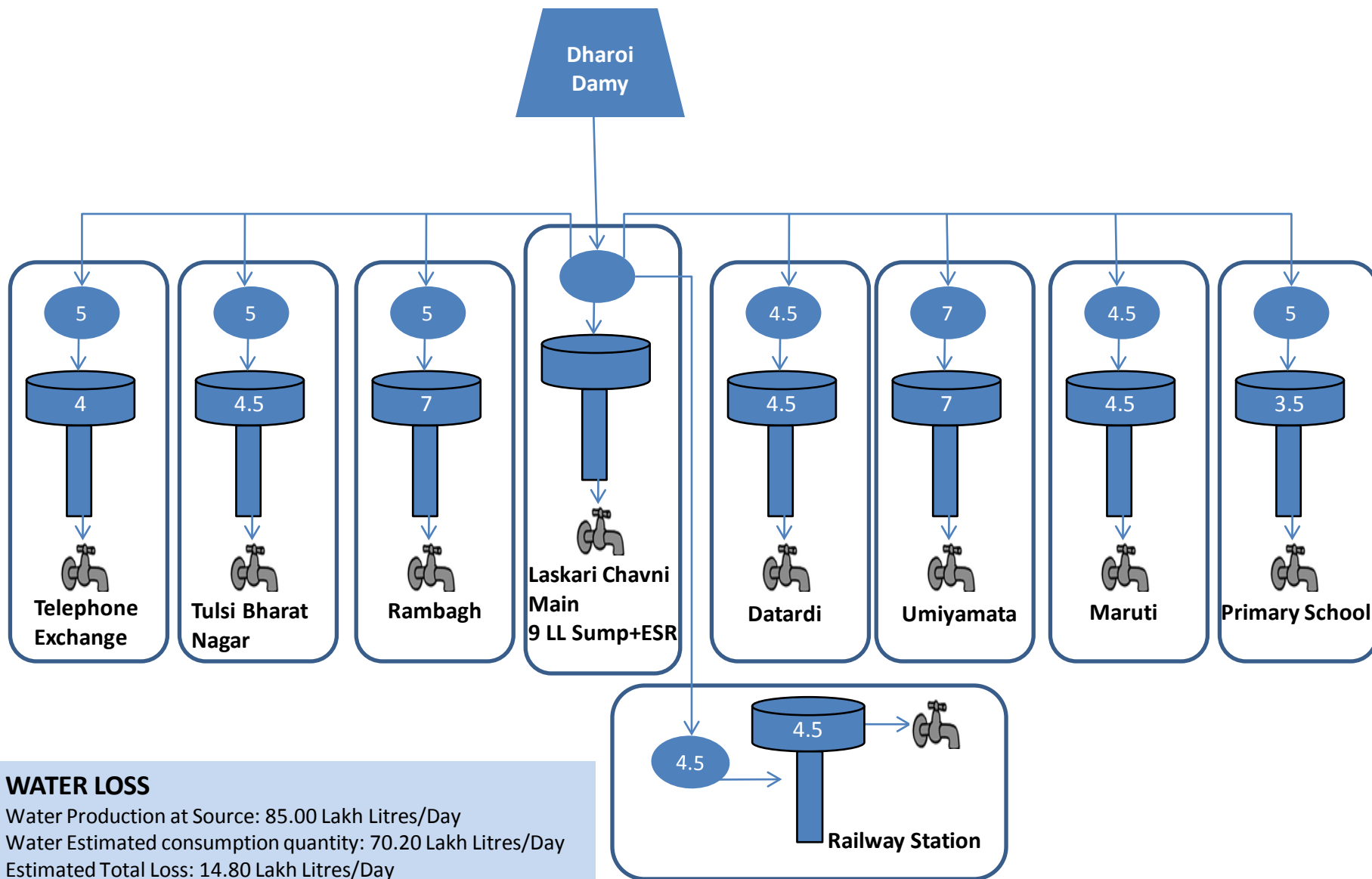
Bore/
TubeWell/Open
Well



Consumer End

All units are in Lakh Litres ; As on 2012-13

Unjha Municipality (Class-B)



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



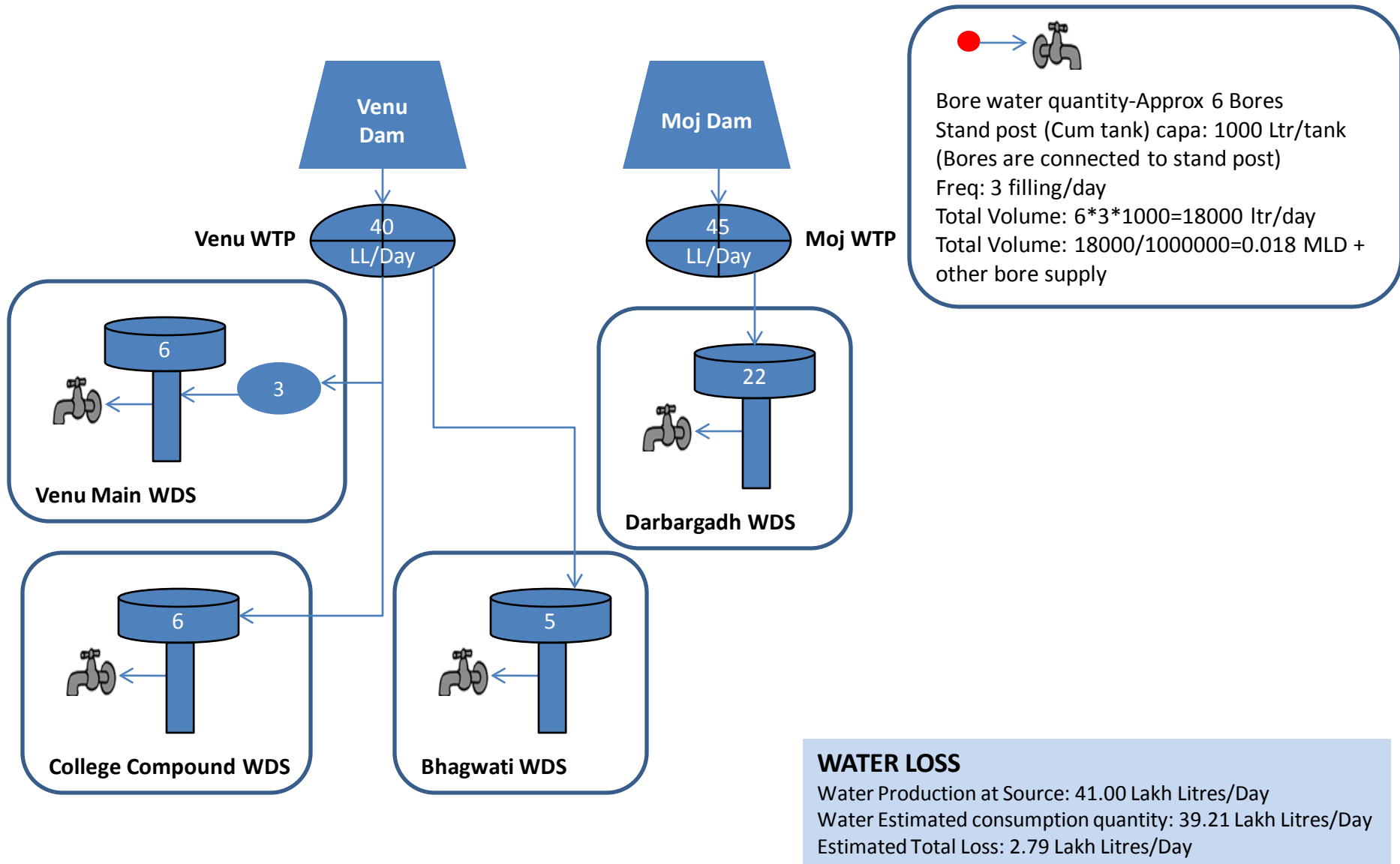
HGLR



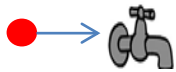
Consumer End

All units are in Lakh Litres ; As on 2012-13

Upleta Municipality (Class-B)

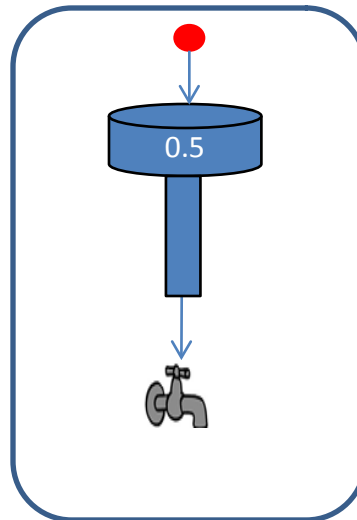


Vallabh Vidyanagar Municipality (Class-C)



Direct Pumping at 8 WDS:

Bachu mali bore booster near old water tank,
Balvatika near Shantaba garden Bakrol road,
Nutan club booster nana bazar ,
Mahadev area near patel park,
Iskon bore booster near karamsad road VV nagar,
Amba mata bore booster Bakrol road,
Municipal borough nana bazar, Hari om bore booster near Raghuvan society hari om nagar



Bore + ESR at 6 WDS:

Old Water Tank, Sardar Patel Statue (ESR – 2.24)
New Water tank hari om nagar road (ESR – 3.27)
Residence Campus (ESR – 0.55 ML)
Educational Campus (ESR – 0.5 ML)
CVM V P science Botony Ground (ESR – 4.5)
CVM, BVM Campus (ESR – 4.5)

WATER LOSS

Water Production at Source: 60.65 Lakh Litres/Day
Water Estimated consumption quantity: ND
Estimated Total Loss: ND



WTP



Bore/
TubeWell/Open
Well

Sump



ESR



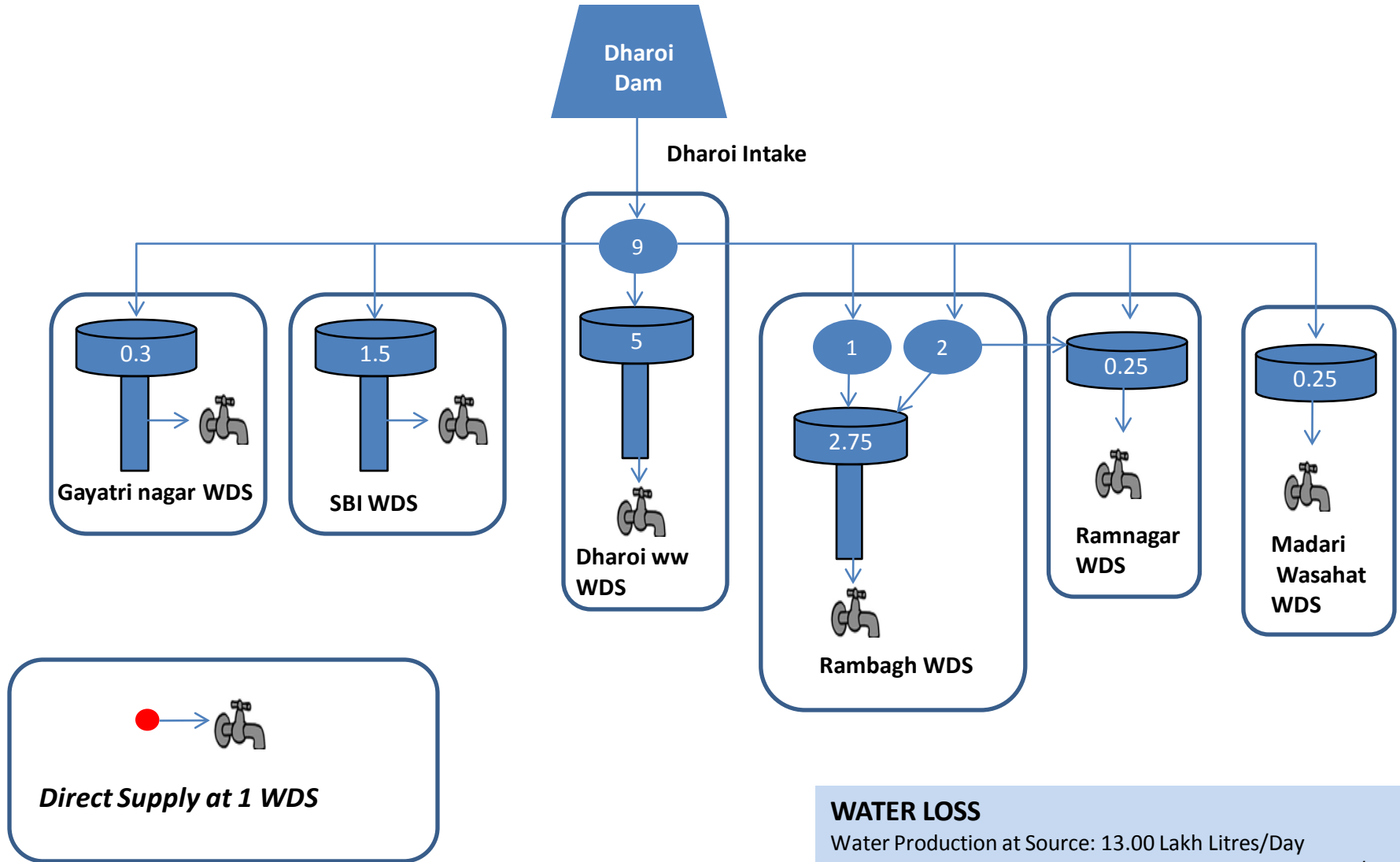
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vadali Municipality (Class-D)



WATER LOSS

Water Production at Source: 13.00 Lakh Litres/Day
 Water Estimated consumption quantity: 9.70 Lakh Litres/Day
 Estimated Total Loss: 3.30 Lakh Litres/Day



WTP

Bore/
TubeWell/Open
Well



Sump



ESR



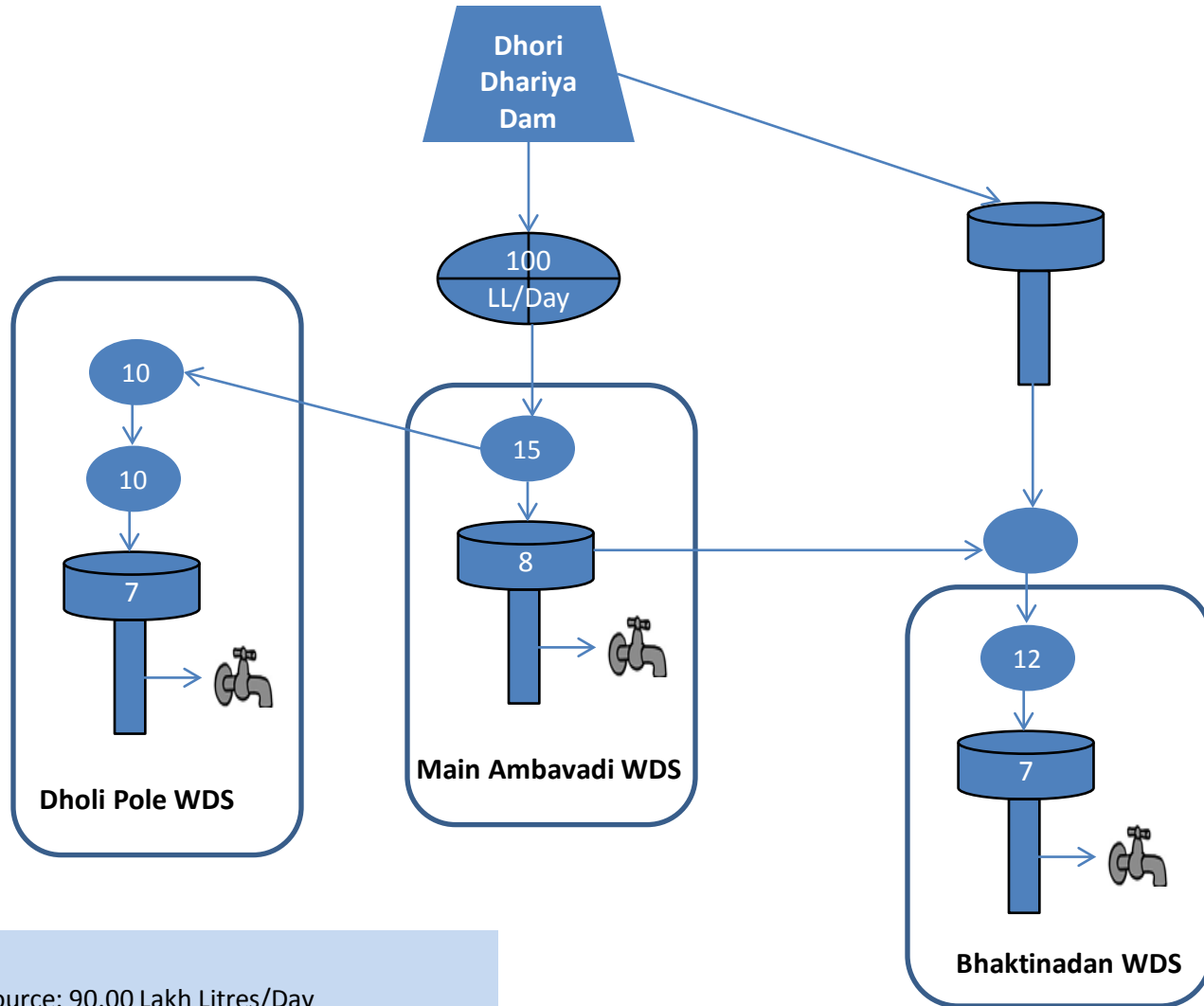
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vadhwan Municipality (Class-B)



WATER LOSS

Water Production at Source: 90.00 Lakh Litres/Day

Water Estimated consumption quantity: 72.23 Lakh Litres/Day

Estimated Total Loss: 17.77 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



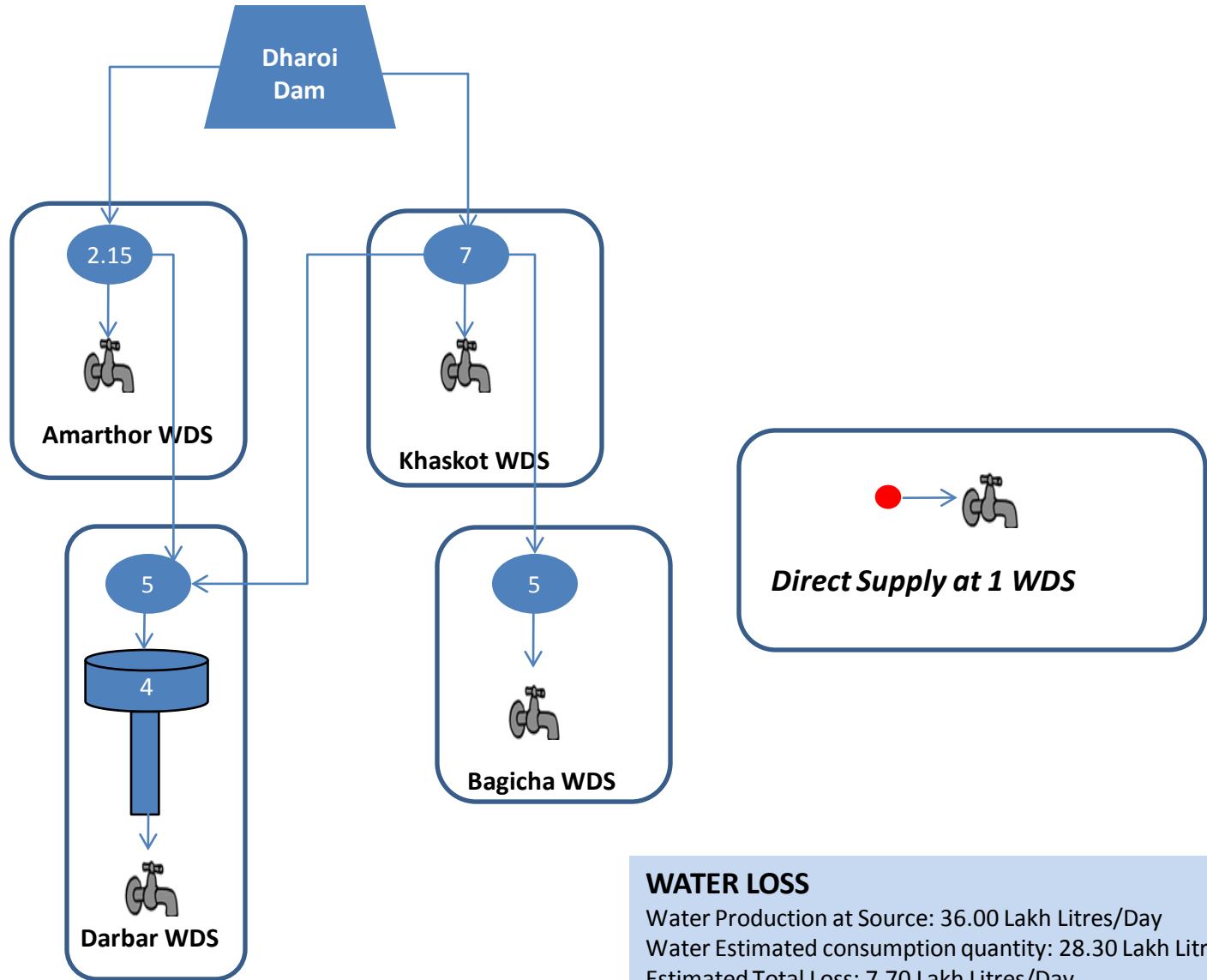
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vadnagar Municipality (Class-C)



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



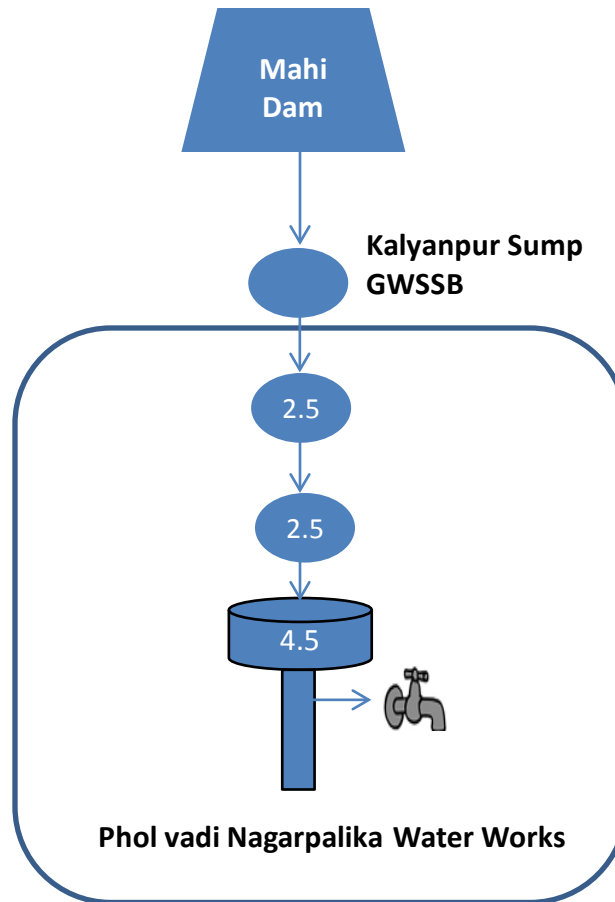
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vallabhipur Municipality (Class-D)



WATER LOSS

Water Production at Source: 15.00 Lakh Litres/Day

Water Estimated consumption quantity: 12.80 Lakh Litres/Day

Estimated Total Loss: 2.20 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



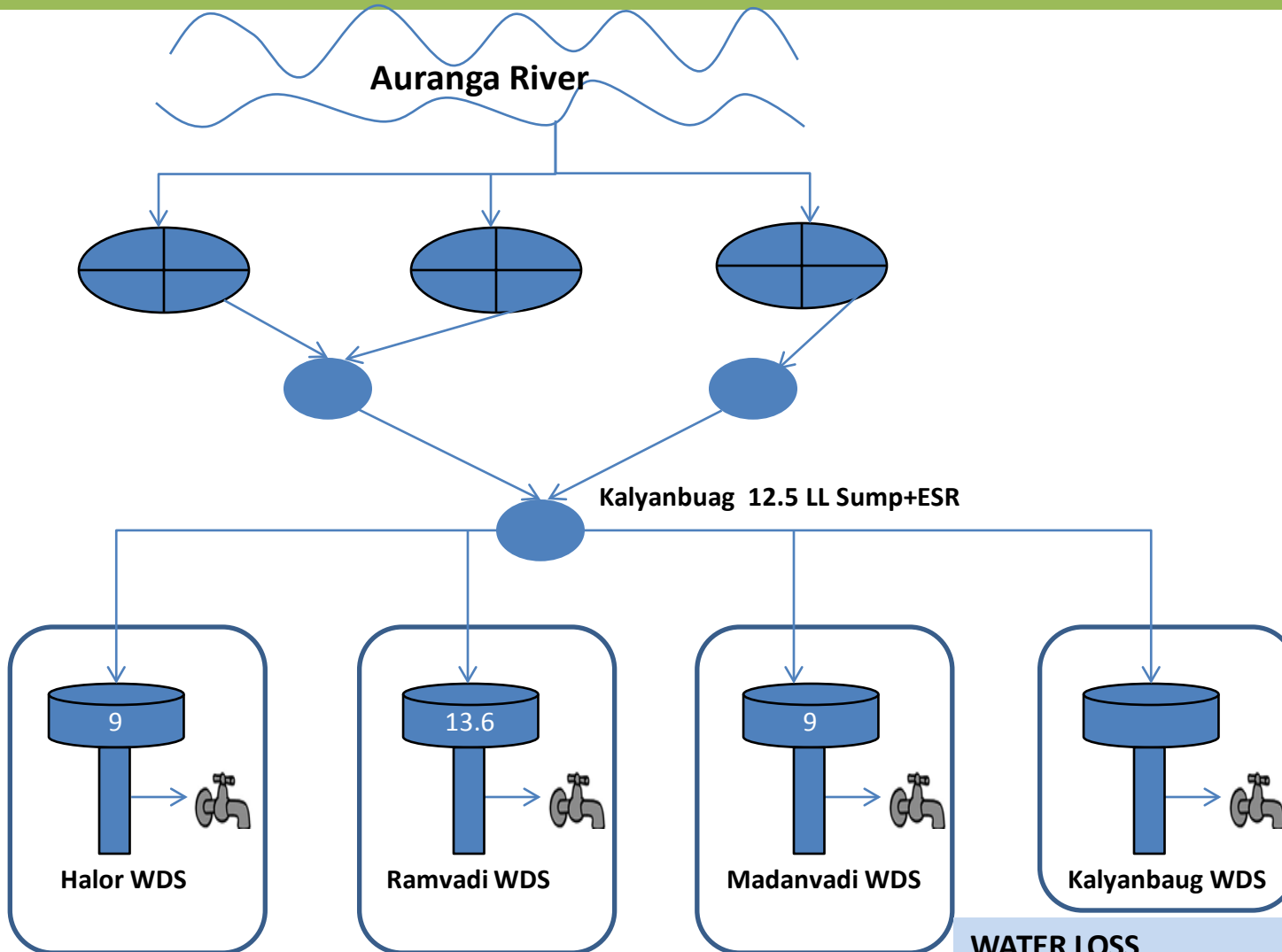
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Valsad Municipality (Class-A)



WATER LOSS

Water Production at Source: 240.00 Lakh Litres/Day
 Water Estimated consumption quantity: 165.00 Lakh Litres/Day
 Estimated Total Loss: 75.00 Lakh Litres/Day



WTP 149

Bore/
TubeWell/Open
Well

Sump



ESR

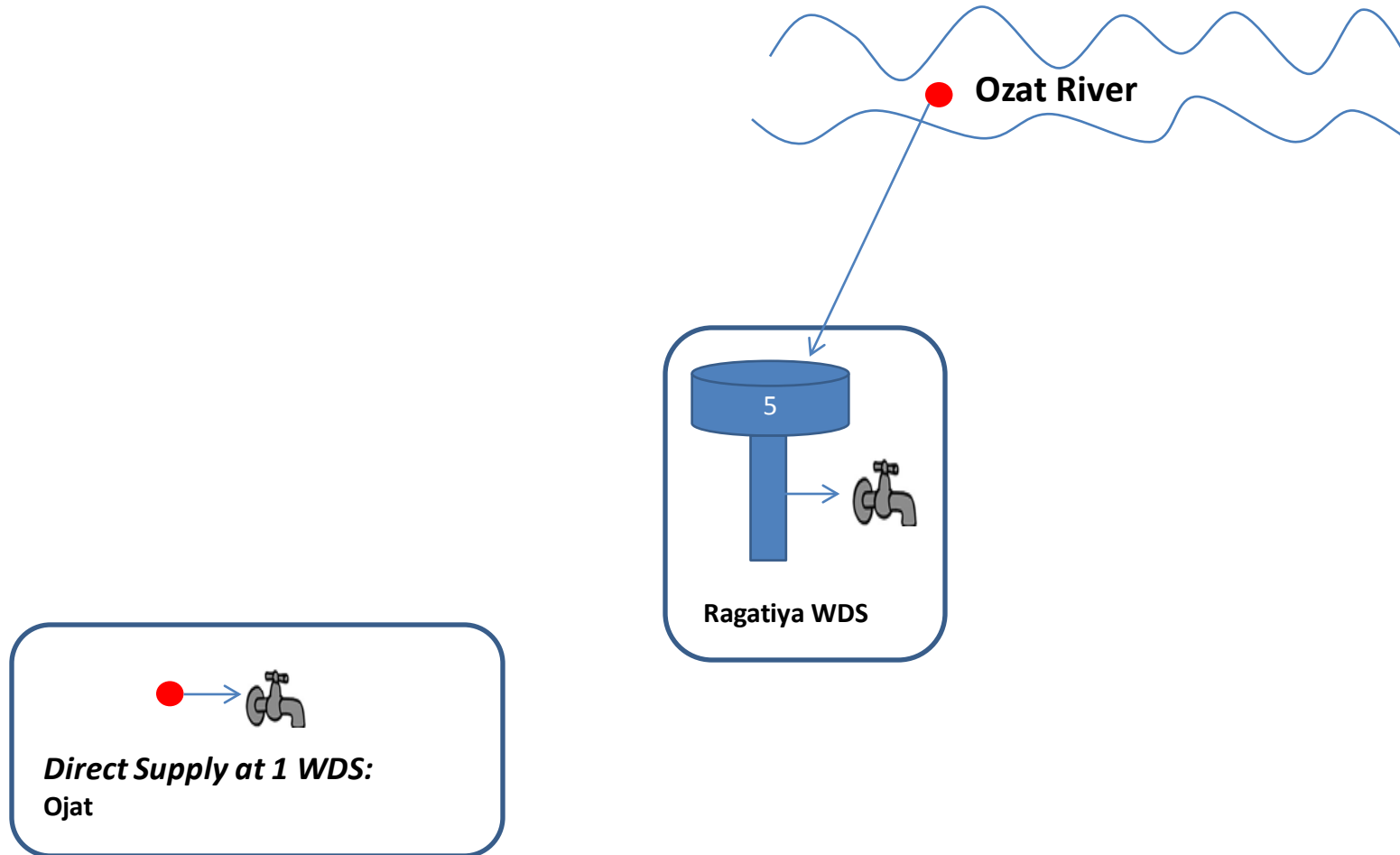
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vanthali Municipality (Class-D)



WATER LOSS

Water Production at Source: 10.00 Lakh Litres/Day
Water Estimated consumption quantity: 9.20 Lakh Litres/Day
Estimated Total Loss: 0.80 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



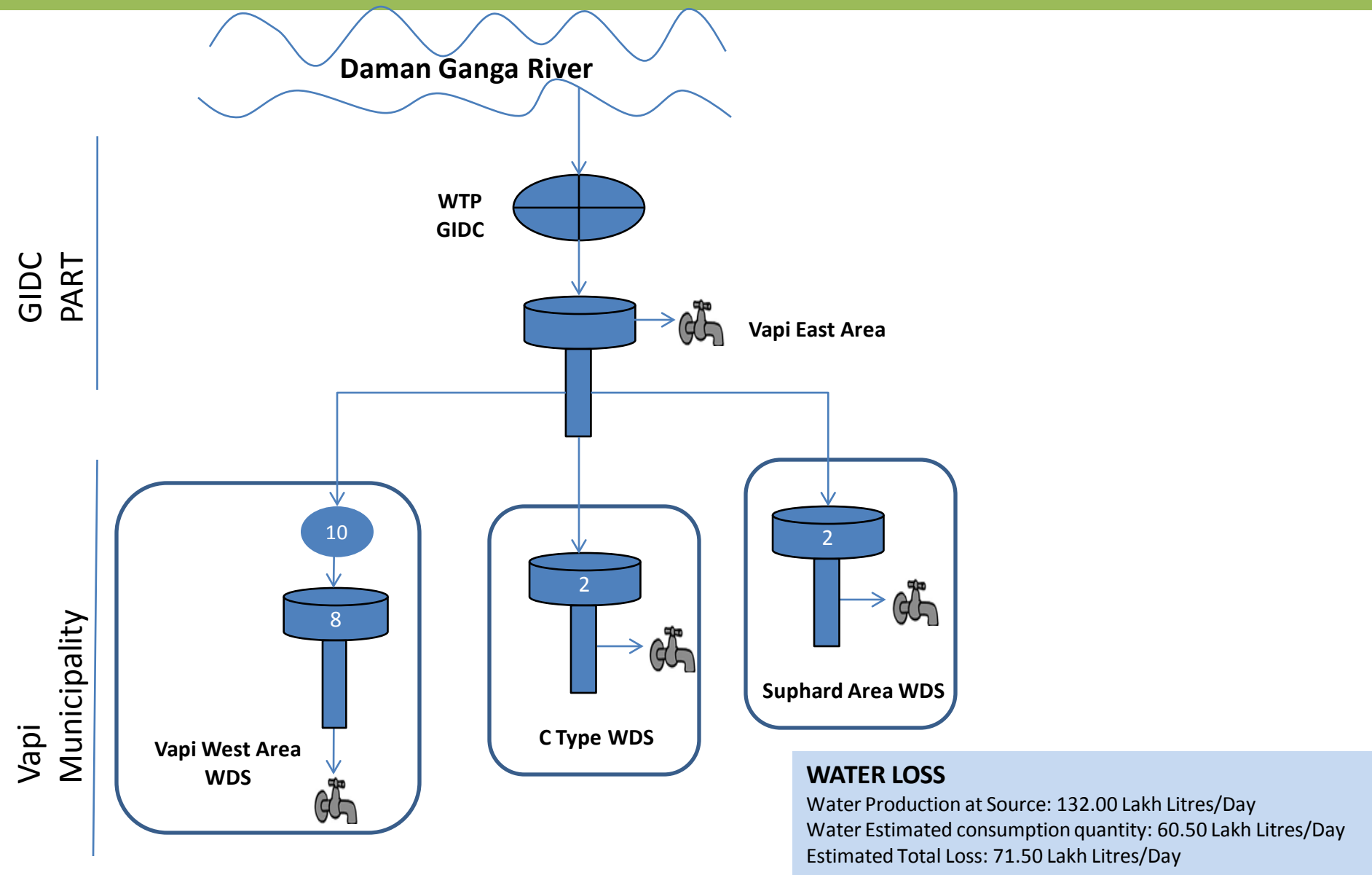
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vapi Municipality (Class-A)



WTP 151

Bore/
TubeWell/Open
Well

Sump



ESR

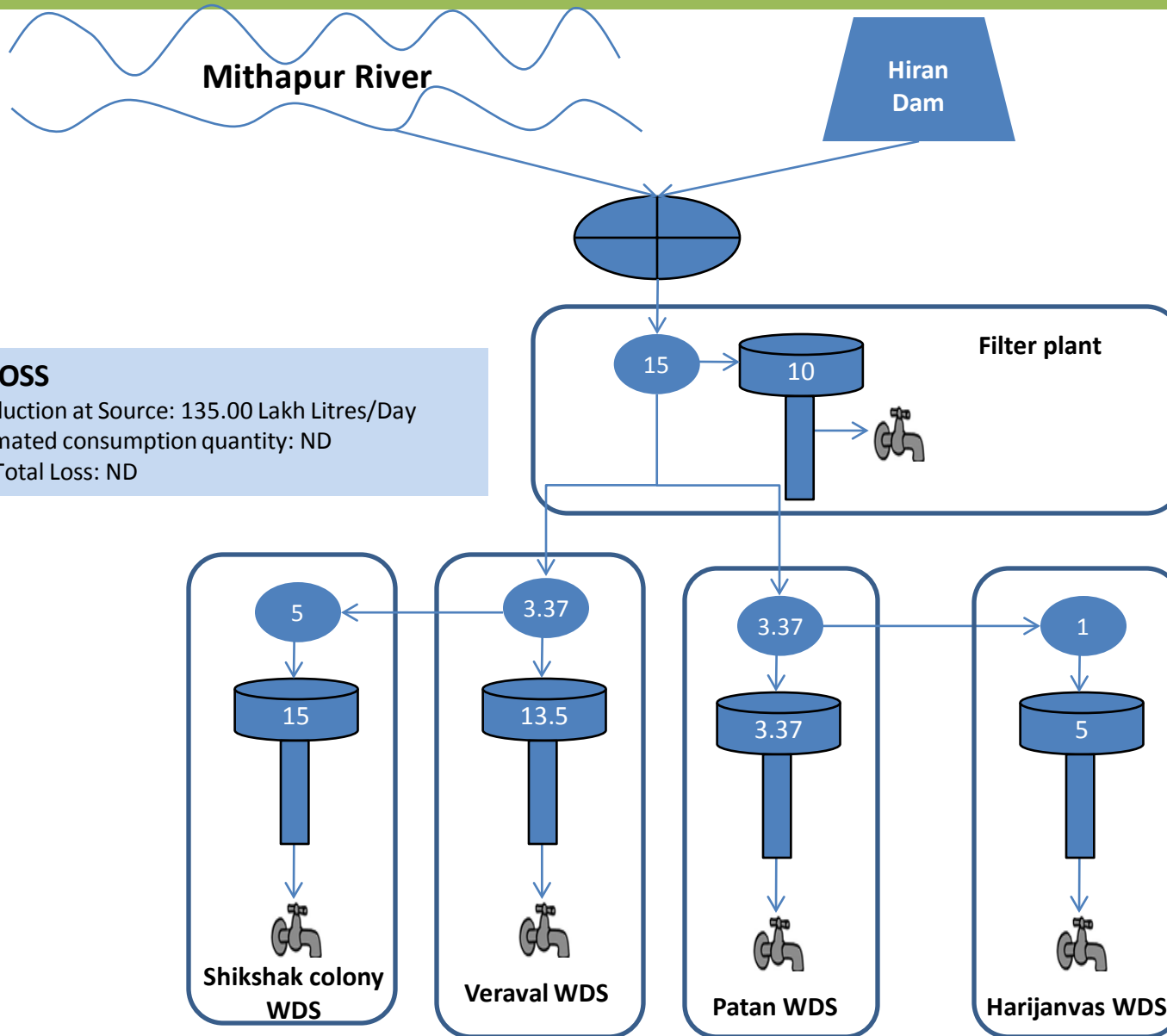
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Veraval Municipality (Class-A)



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



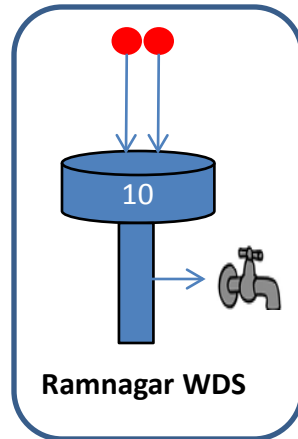
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vijalpore Municipality (Class-B)



Direct Pumping at 10 WDS

Mankodiya Bore, City Garden, Akar Park ,Dodi Talav - 1 (OLD), Dodi Talav - 2 (NEW), Motana Faliya, Jagruti Nagar, Shree Nagar, Samodiya Faliya, Dada Nagar (S. N. 103)

WATER LOSS

Water Production at Source: 92.00 Lakh Litres/Day
 Water Estimated consumption quantity: 70.42 Lakh Litres/Day
 Estimated Total Loss: 21.58 Lakh Litres/Day



WTP
153

Bore/
TubeWell/Open
Well



Sump



ESR



HGLR

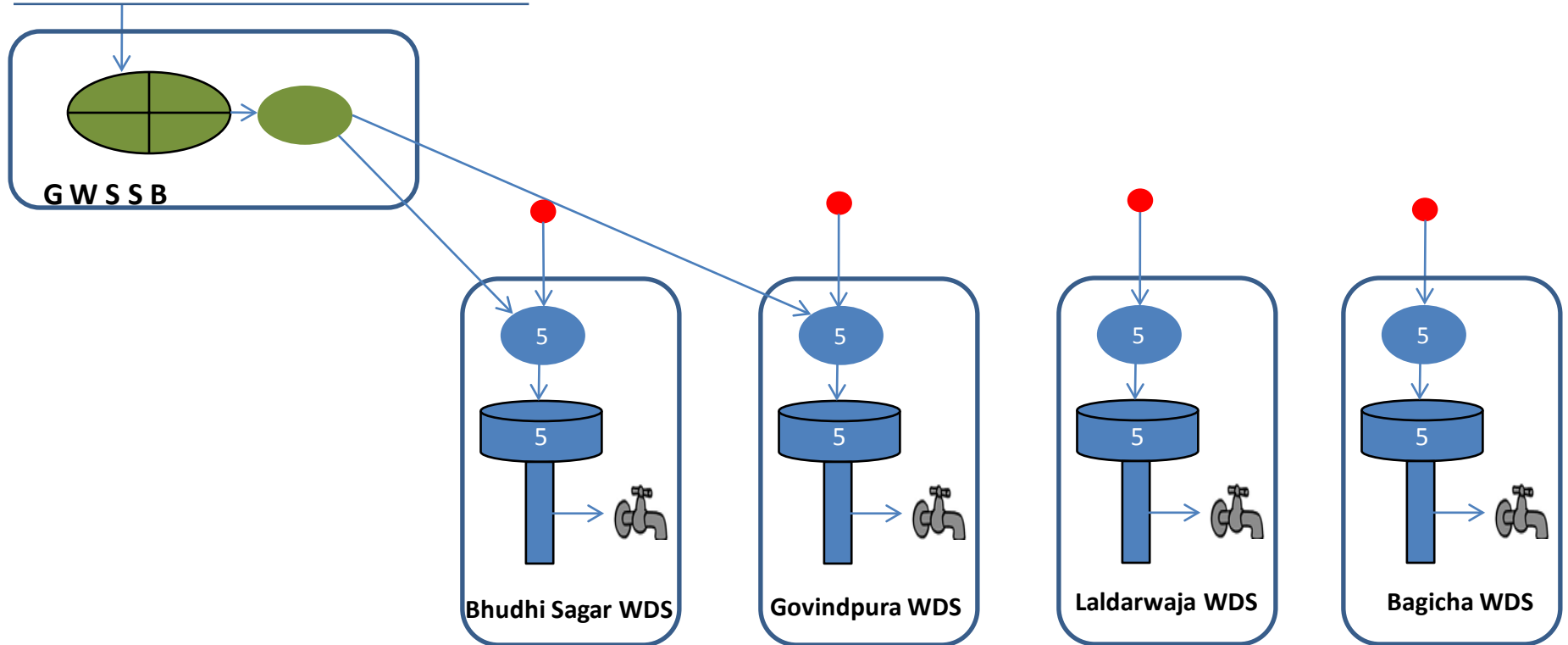


Consumer End

All units are in Lakh Litres ; As on 2012-13

Vijapur Municipality (Class-D)

Narmada Canal



WATER LOSS

Water Production at Source: 30.00 Lakh Litres/Day

Water Estimated consumption quantity: 27.20 Lakh Litres/Day

Estimated Total Loss: 2.80 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



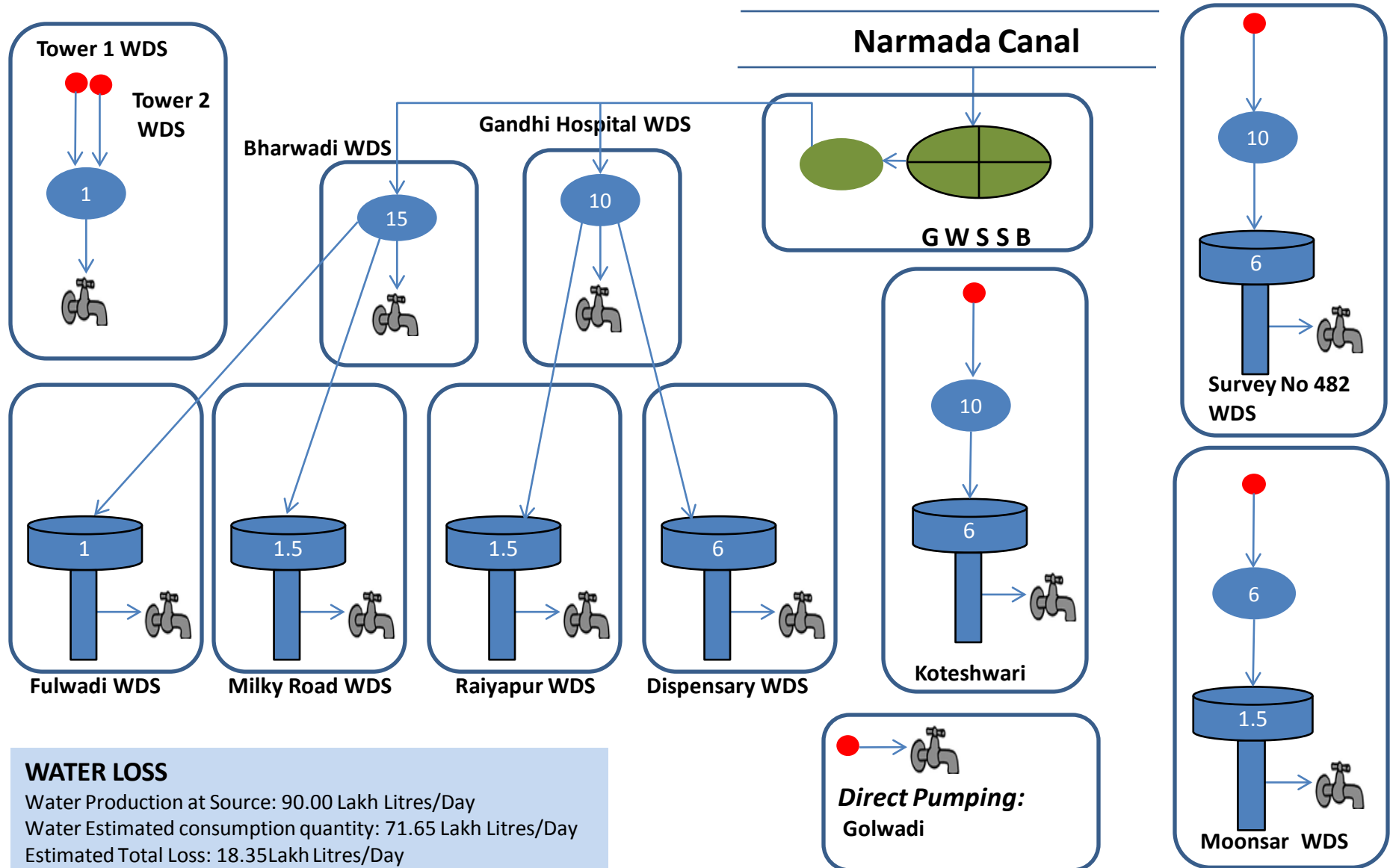
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Viramgam Municipality (Class-B)



WTP 155

Bore/
TubeWell/Open
Well

Sump



ESR

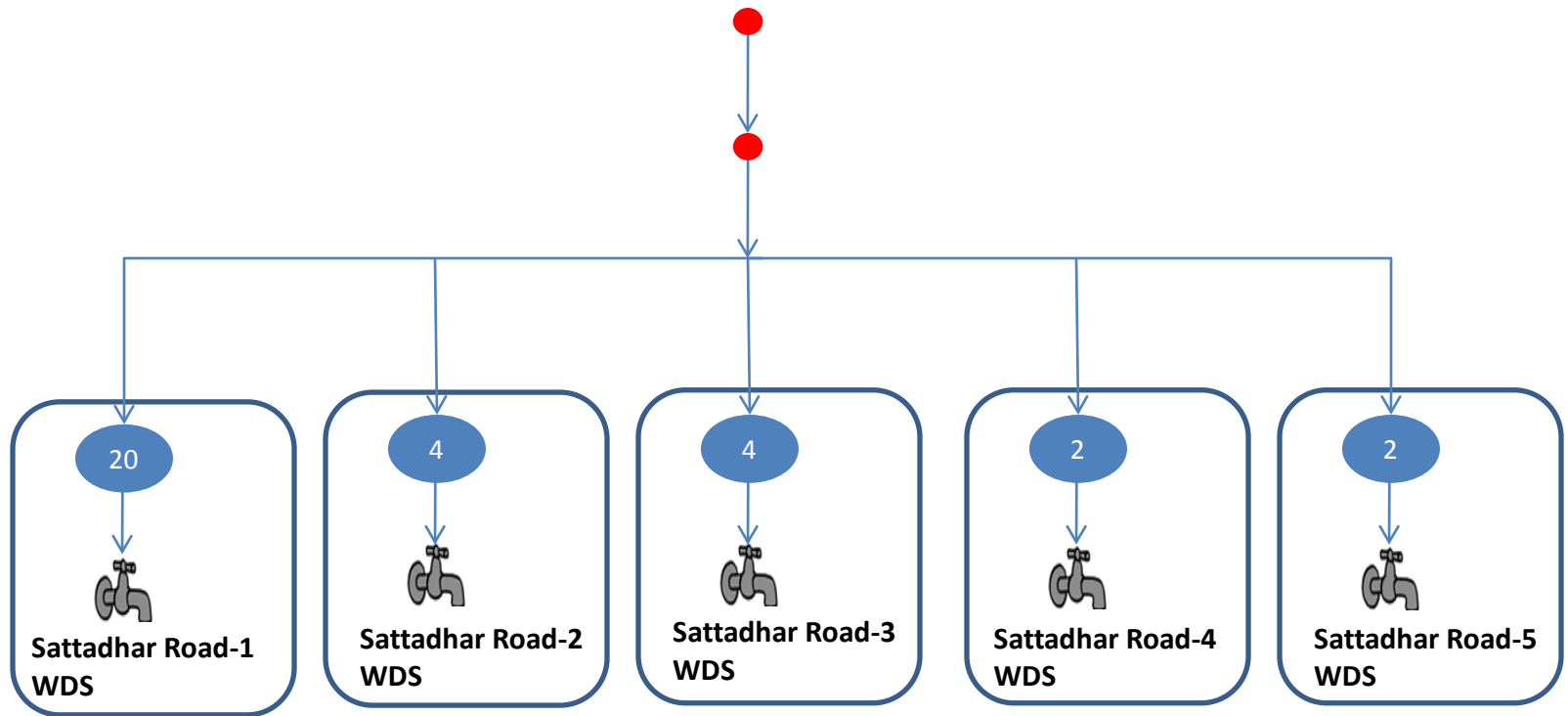
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Visavadar Municipality (Class-D)



WATER LOSS

Water Production at Source: 32.00 Lakh Litres/Day

Water Estimated consumption quantity: 24.08 Lakh Litres/Day

Estimated Total Loss: 7.92 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



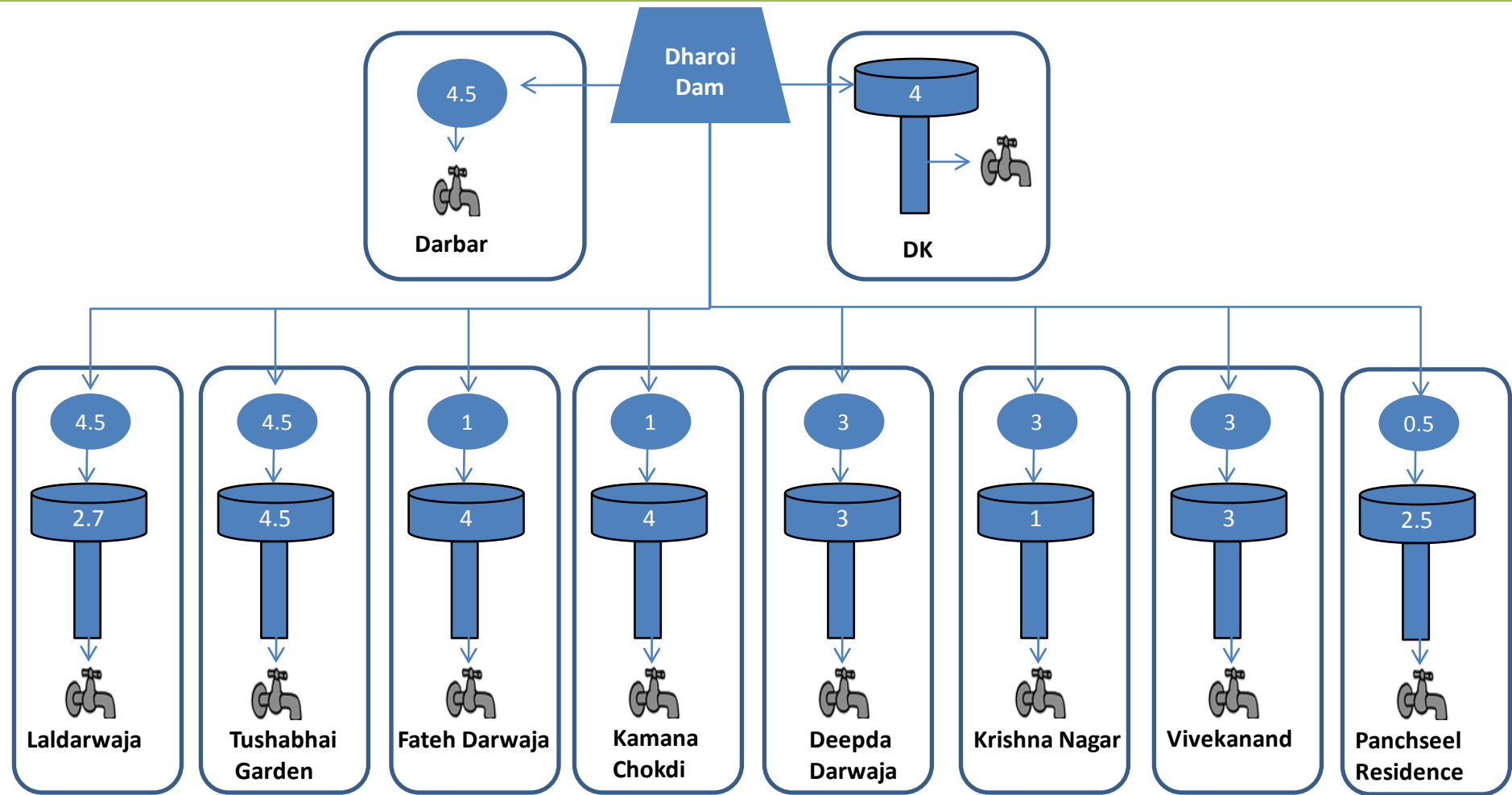
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Visnagar Municipality (Class-B)



WATER LOSS

Water Production at Source: 109.00 Lakh Litres/Day
 Water Estimated consumption quantity: 81.30 Lakh Litres/Day
 Estimated Total Loss: 27.70 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



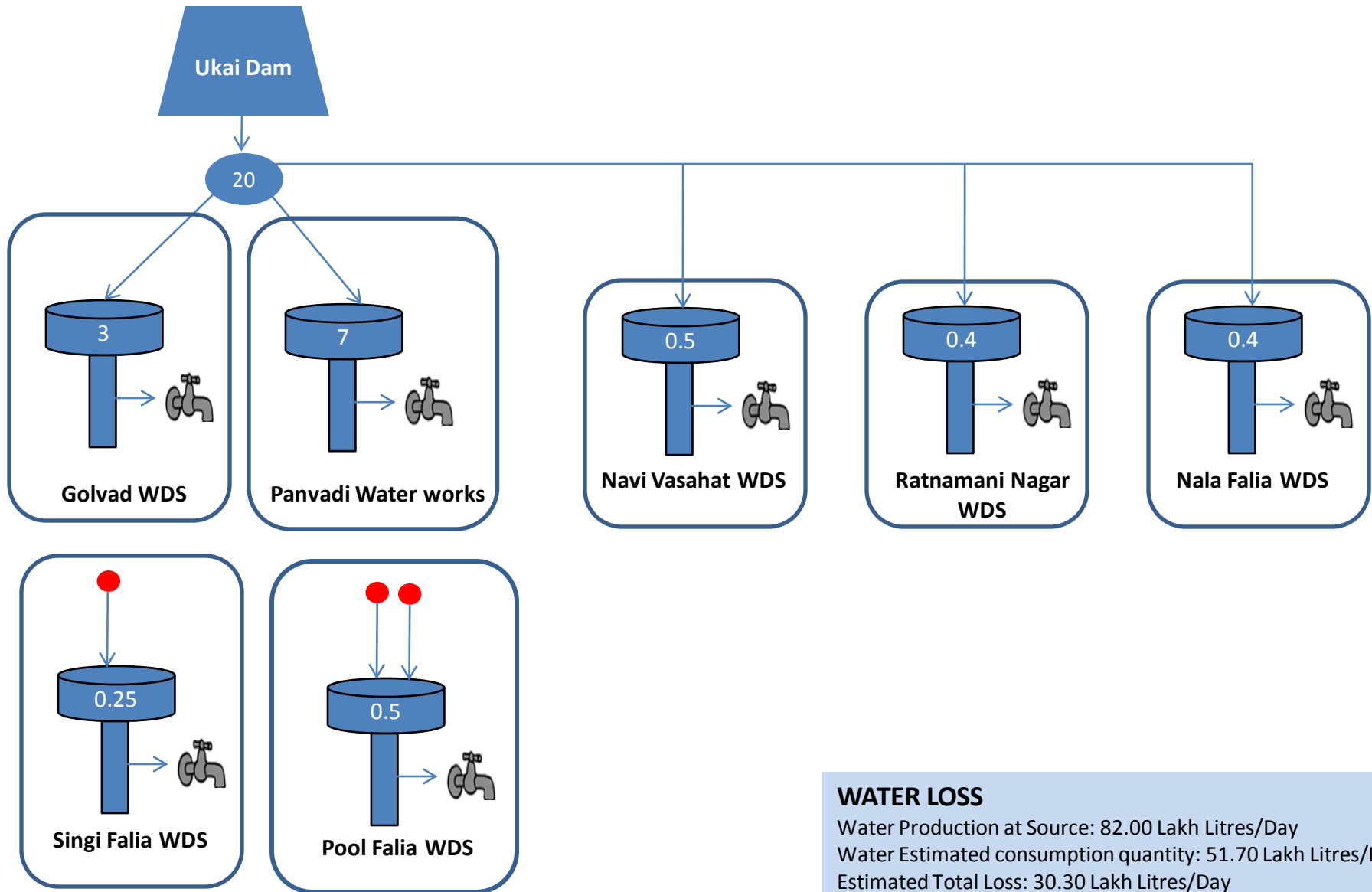
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Vyara Municipality (Class-C)



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



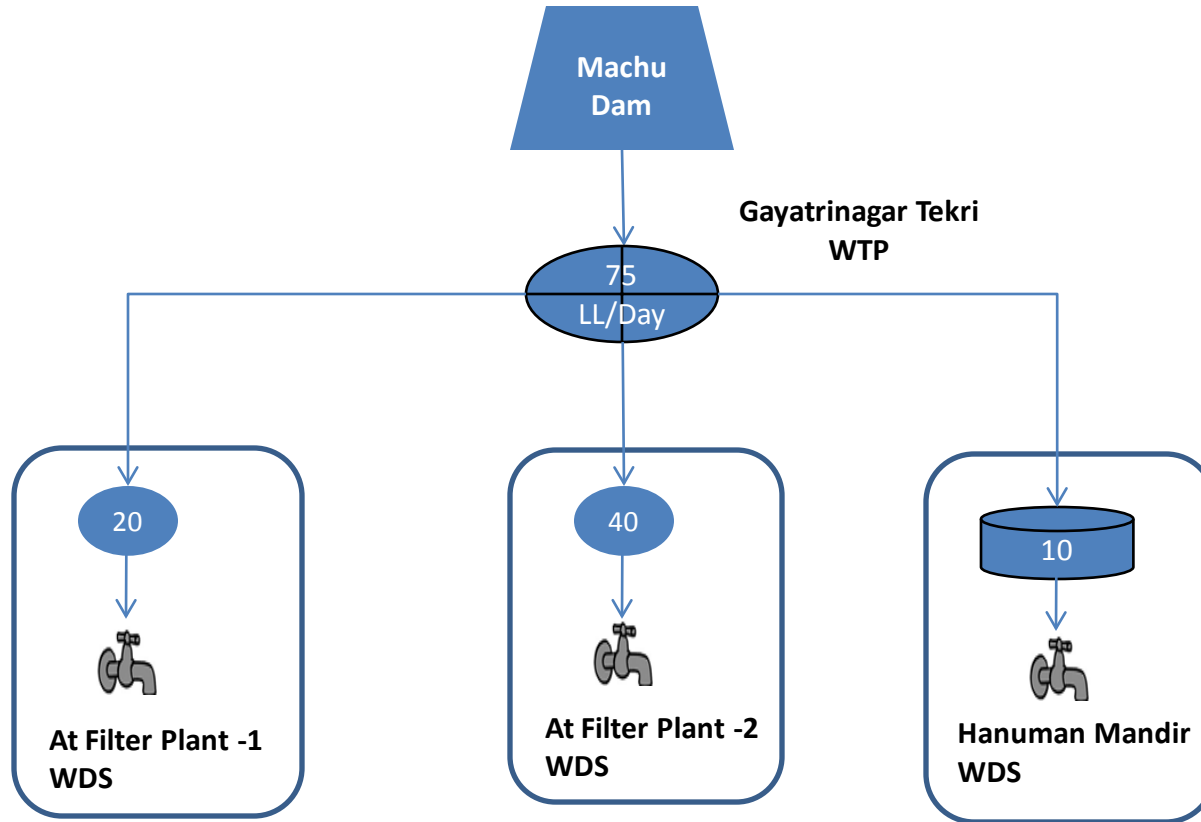
HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13

Wankaner Municipality (Class-C)



WATER LOSS

Water Production at Source: 40.00 Lakh Litres/Day

Water Estimated consumption quantity: 34.90 Lakh Litres/Day

Estimated Total Loss: 5.10 Lakh Litres/Day



WTP



Bore/
TubeWell/Open
Well



Sump



ESR



HGLR



Consumer End

All units are in Lakh Litres ; As on 2012-13