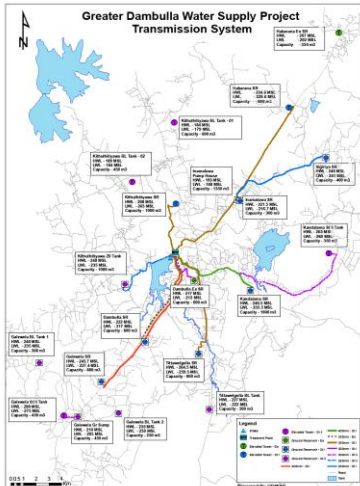
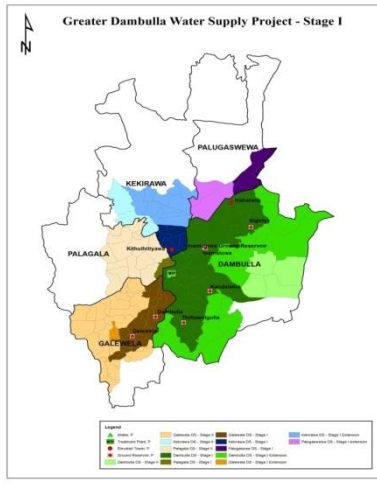


1	Name of the Project	Implementation of Greater Danbulla Water Supply Scheme – Stage 1
2	Name of the Project Director	Eng W G C Lasantha Weerasekara
3	Project Office Address	No. 31, Kurunagala Road, Dambulla.
4	Telephone No.	066-2285599
5	Mobile No.	077-0102841
6	Fax No.	066-2285600
7	Email Address	grdambulla@gmail.com
8	Type of the Project	Design & Build
9	Province	Central
10	District	Matale

11	DS Division/ Coverage: Area / Map	<table border="1"> <thead> <tr> <th rowspan="2">NO</th> <th rowspan="2">DS Divisions</th> <th colspan="5">No. of covered GND's</th> </tr> <tr> <th>By Project</th> <th>By GOSL Funds</th> <th>Stage 1</th> <th>Stage 11</th> <th>Stage 1 & 11</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dambulla</td> <td>38</td> <td>18</td> <td>56</td> <td>4</td> <td>60</td> </tr> <tr> <td>2</td> <td>Galewla</td> <td>18</td> <td>1</td> <td>19</td> <td>25</td> <td>44</td> </tr> <tr> <td>3</td> <td>Palagala</td> <td>1</td> <td>0</td> <td>1</td> <td>15</td> <td>16</td> </tr> <tr> <td>4</td> <td>Palugaswe wa</td> <td>3</td> <td>2</td> <td>5</td> <td>0</td> <td>5</td> </tr> <tr> <td>5</td> <td>Kekirawa</td> <td>5</td> <td>10</td> <td>15</td> <td>3</td> <td>18</td> </tr> <tr> <td colspan="2">Total</td> <td>65</td> <td>31</td> <td>96</td> <td>47</td> <td>143</td> </tr> </tbody> </table>						NO	DS Divisions	No. of covered GND's					By Project	By GOSL Funds	Stage 1	Stage 11	Stage 1 & 11	1	Dambulla	38	18	56	4	60	2	Galewla	18	1	19	25	44	3	Palagala	1	0	1	15	16	4	Palugaswe wa	3	2	5	0	5	5	Kekirawa	5	10	15	3	18	Total		65	31	96	47	143
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12	Beneficiaries	174,180 [Year 2017]																																																											
13	Funding Agency	Exim Bank of India - USD 60.69Mn Peoples Bank, SriLanka - USD 17.11 Mn Govt of SriLanka - SLR 1035Mn																																																											

Total Project Cost

Funding Agency/ Donor	Donor Contribution USD Mn	Foreign Aid Related Domestic Funds [In SLR Mn]	Total Estimated Cost in Equivalent [In SLR Mn]
Exim Bank of India	60.69	1035.0	9593.0
People's Bank, SriLanka	17.11		

Progress

Phy. Progress up to 31 / 03 / 2016	78.3%
Fin. Progress up to 31 / 03 / 2016	92.5%

Project Status Total Project is Behind the Schedule

Project Goals:

“To provide Safe drinking water facilities to the people living in Dambulla, Galewela, Palagala, Kekirawa and Palugaswewa DS Divisions Coming under Greater Dambulla Development Plan of Urban Development authority declared on Year 2006 .”

Scope of the Project:

WATER SOURCE	<i>Dambulu Oya reservoir (Ibbankatuwa)</i>
INTAKE	<i>Construction of 65,000 m³ /day capacity intake & pumping station at 155 MSL in Dambulu – Oya reservoir close to the existing intake.</i>
WATER TREATMENT PLANT	<i>Construction of 32,000 m³ /day fully automated water treatment plant at Ibbankatuwa.</i>
RESERVOIRS	<i>Construction of 07 Nos. of Ground Reservoirs & 02 No. of Elevated Tower. [Total Capacity 6850m³]</i>
TRANSMISSION SYSTEM	<i>Laying of 74.1km long clear water transmission system.</i>
DISTRIBUTION SYSEM	<i>Laying of 228km long clear water distribution system.</i>

Components of the Project:

➤ Intake - Ibbankatuwa Reservoir

Intake facilities are designed for the capacity of 65,000m³/d considering the final demand of 60,000m³/d whereas the raw water pumps will be installed for the capacity of 32,500m³/d while keeping provision to double the capacity by adding pumps in future. Intake facility consists of an intake sump, 02nrs of Passive Screens with 1000mm dia HDPE pipes proposed at average and low water levels, 03nrs [2W+1S] of raw water pumps with VSD and Grit removal arrangement.

➤ Water Treatment Plant

Water treatment plant is designed for the present capacity of 32,000m³/d net plant output to meet the present demand of 30,000m³/d. Water Treatment Plant consists of Cascade Aerator,

Flash Mixing and Flocculation Tank ,Lamella Plate settler, Rapid Sand filters with GAC, Backwash Tanks, Sludge Tanks, Sludge Thickener, Drying Beds and Clear Water Reservoir of 25000m³/d.

➤ **Raw water main (900mm Dia meter, 1000m length DI pipes)**

Raw water main have been designed considering the future demand of 60000m³/d.

➤ **Towers (02 nos) ground reservoirs (07nos)**

The proposed reservoir sites are in Kandalama., Dambulla, , Sigiriya, Galewela ,Tittawelgolla, Inamaluwa. Elevated Towers are in Habarana and Kithulhitiyawa. Construction works of all reservoirs are in progress except Kithulhitiyawa.

➤ **Transmission (71 Km) main**

Transmission network has been carried out from

- Intake to WTP [Raw Water Transmission Main]
- WTP to Dambulla
- WTP to Galewela
- WTP to Kithulhitiyawa
- WTP to Tittawelgolla
- WTP to Kandalama
- WTP to Inamaluwa
- Inamaluwa to Sigiriya
- Inamaluwa to Habarana
- Inamaluwa to Inamaluwa

➤ **Distribution (228 Km)main**

Distribution network is carried out in

- Galewela
- Dambulla
- Kandalama
- Tittawelgolla
- Kithulhitiyawa
- Inamaluwa
- Sigiriya
- Habarana

Completed 55% of pipes supply.

➤ **Operational Buildings and Quarters (03 nrs)**

There is 01 nr of Staff Grade quarters and 03 nrs of Operators Quarters, OIC/EAA Office, Site Offices and Maintenance offices to be located at existing OIC office land. WTP premises behind of Dambulla bus stand, .Water Treatment Plant, Intake and Galewela respectively.

OIC/EAA office almost completed. Construction of Staff grade quarters and Operator quarters are in progress. Soil investigation and Land surveys are in progress in Galewela maintenance office.

Project Photos:

Intake :



WTP :



Towers & Reservoirs:

Tittawegolla Reservoir



Sigiriya Reservoir



Inamaluwa Pumping Station



Galewela Reservoir



Inamaluwa Reservoir



Dambulla Reservoir



Habarana Reservoir



Kandalama Reservoir



Operational Buildings

OIC Building



Staff Quarters



Operator Quarters

