

Justification for location of the project in forest area

The Telangana Drinking water project (TDWSP) is intended to provide safe drinking water to every habitation at a service level with 100 lpcd at household level from a sustainable surface water source. As a part of the project, it is proposed to provide safe drinking water to 4 Mandals in and 2 Municipalities of **Mancherial and Chennur Constituencies** from Yellampally Project reservoir as raw water source.

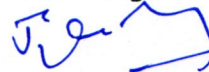
The work "**TELANGANA DRINKING WATER SUPPLY PROJECT for Laying of Pipe line for Providing safe Drinking Water in Adilabad District Dharmaram Gutta Segment - 23/1**" all possible alternate routes for laying of pipelines have been examined to cover all the habitations in the **Mancherial & Chennur Constituencies** in Adilabad District. As per the Hydraulic Designs and Topography of the Area the proposed locations in the forest areas are very much essential for laying of pumping main, gravity mains and there are no other possible alternative alignment.

Cost of the Project: Administrative sanctioned for Rs. 220.00 Crores

Dy. Executive Engineer
T.D.W.S.P. S.D., Mancherial.

Superintending Engineer
TDWSP Circle, Nirmal.

"Counter Signed"



Chief Engineer
TDWSP, Hyderabad

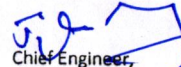
TELANGANA DRINKING WATER SUPPLY PROJECT - ADILABAD DISTRICT

JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND - DHARMARAM GUTTA SEGMENT 23/1

S.No	Segment	Set No	Division	Reserved Forest	Area Proposed for Diversion (in Hectares)	Justification for the diversion of Forest Land	Remarks
1	23/1	1	MANCHERIAL	Ralli Reserved Forest	1.444	a) The proposed Pipe Line comes under Segment 23/1 of TDWSP (Telangana Drinking Water Supply Project). A part of the pipe line proposed from S1-5 to S1-12 (i.e., The Pipe Line from Clear water Sump to GLBR) falls under Ralli RF for a length of 1804.533m with Trench width 8.00m. The Total Area of Land Diversion required is 1.444 Hectares. The Pipe Line alignment proposed to lay the Pipe Line is in the complete forest area. And As per ther Hydraulic Designs, the water can be supplied by Gravity through the proposed alignment, and there is "No" other alternate alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	Since this forest area has not been diverted to any other user, NOC may not be required.
2	23/1	1	MANCHERIAL	Ralli Reserved Forest	0.195	b) The proposed are comes under Segment 23/1 of TDWSP (Telangan Drinking Water Supply Project). Construction of 1500KL Capacity GLBR (Ground level Balancing reservoir) at point S1-13. The total area of Land Diversion required is 0.196 Hectares under Ralli RF.	Since this forest area has not been diverted to any other user, NOC may not be required.
3	23/1	2	MANCHERIAL	Ralli Reserved Forest	0.135	a) The proposed Pipe Line comes under Segment 23/1 of TDWSP (Telangana Drinking Water Supply Project). From Segment of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S2-20 to S2-35 (i.e., The Pipe Liné from Mannegudem to Talamalla) falls under Ralli RF for a length of 1929.392m and with a Trench width 0.70m . The total area of Land diversion required is 0.135 Hectares. The Pipe Line alignment proposed is to lay the Pipe Line in the "Right of Way" of the existing Road, and there is no other alternate alignment to propose as the Ground Levels are not permitting the Treated Water Supply by gravity.	Diversion under F(C) Act, 1980 not required as the existing road is laid before 1980. However, the consent from the concerned Dept will be obtained and submitted.
4	23/1	3	MANCHERIAL	Ralli Reserved Forest	0.506	a) The proposed Pipe Line comes under Segment 23/1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 23/1 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S3-43 to S3-84 (i.e., The Pipe Line from Mancherial-Mandamarri Jn to Gadpur) falls under Ralli RF for a length of 7233.539m with Trench widths varying in 0.7m. The Total Area of Land Diversion required is 0.506 Hectares. The Pipe Line alignment proposed to lay the Pipe Line is in the "Right of Way" of the existing Road. And As per ther Hydraulic Designs, the water can be supplied by Gravity through the proposed alignment, and there is "No" other alternate alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	Diversion under F(C) Act, 1980 not required as the existing road is laid before 1980. However, the consent from the concerned Dept will be obtained and submitted.
5	23/1	4	MANCHERIAL	Indaram Reserved Forest	0.772	a) The proposed Pipe Line comes under Segment 23/1 of TDWSP (Telangana Drinking Water Supply Project). From Segment of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S4-134 to S4-142 (ie., pipe line from Mancherial to Mandamarri), S4-164 to S4-171 (i.e., The Pipe Line from GP Office to Amarwadi), S4-177 to S4-159 (i.e., The Pipe Line from Kyatanpally to Ravinder Khani 3 OHSRs) and S4-124 to S4-108 (i.e., The Pipe Line from Ravindrakhani Temple to Ramakrishnapur) falls under Indaram RF for a length of 9003.266m and with a Trench width 0.70/0.9/1.40m respectively. The total area of Land diversion required is 0.772 Hectares. The Pipe Line alignment proposed is to lay the Pipe Line in the "Right of Way" of the existing Road, and there is no other alternate alignment to propose as the Ground Levels are not permitting the Treated Water Supply by gravity.	Diversion under F(C) Act, 1980 not required as the existing road is laid before 1980. However, the consent from the concerned Dept will be obtained and submitted. As the area is diverted in favour of SCCI, NOC will be obtained from the SCCL.
6	23/1	5	MANCHERIAL	Indaram Reserved Forest	0.441	a) The proposed Pipe Line comes under Segment 23/1 of TDWSP (Telangana Drinking Water Supply Project). A part of the pipe line proposed from S5-116 to S5-209 (the pipe line from Ravindrakhani to Chaitanya nagar Colony), falls under Indaram RF for a length of 5506.359 and with a Trench width 0.8M and the total Area Required for diversion is 0.441 Hectares. The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. . Further, there is no other alternate alignment to propose as the ground levels are not pemitting as per the Hydraulic Design and the length of the Pipe Line increases abnormally if any change of alignment and requires additional pumping which is not economical. The Pipe Line along the existing Road will help for future Operation & Maintinance activities.	Diversion under F(C) Act, 1980 not required as the existing road is laid before 1980. However, the consent from the concerned Dept will be obtained and submitted. As the area is diverted in favour of SCCI, NOC will be obtained from the SCCL.

S.No	Segment	Set No	Division	Reserved Forest	Area Proposed for Diversion(in Hectares)	Justification for the diversion of Forest Land	Remarks
7	23/1	6	MANCHERIAL	Indaram Reserved Forest	0.152	a) The proposed Pipe Line comes under Segment 23/1 of TDWSP (Telangana Drinking Water Supply Project). The Line from S6-230 to S6-218, (the pipe line from Adilpet to Mamidigattu), falls under Indaram RF for a length of 2172.715m and with a trench width 0.70 m and the total area Required for diversion is 0.152 Hectares . The Pipe Line alignment is proposed by duly utilising the "Right of Way" of the existing Road. Further, there is no other alternate alignment to propose as the ground levels are not permitting as per the Hydraulic Design and if any change of alignment, the length of the Pipe Line increases abnormally and requires additional pumping which is not economical. The Pipe Line along the existing Road will help for future Operation & Maintenance activities.	Diversion under F(C) Act, 1980 not required as the existing road is laid before 1980. However, the consent from the concerned Dept will be obtained and submitted.

"Counter Signed"


Chief Engineer,

RWS&S, TDWSP, Hyderabad

Dy. Executive Engineer Superintending Engineer,
T.D.W.S.P. S.D., Mancherial. TDWSP, Nirmal