


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 11 Mandals in rural and 1 Municipality of Manthani (Part) & Bhupalpalli (Part) Constituencies from Existing IntakeWell of HMWSSB at Yellampally in Karimnagar District and Bheemghanpur reservoir at Pambapur(V) in Waranganl District as raw water source.

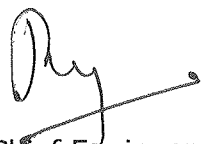
The work "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying of Pipe line for Providing safe Drinking Water for Mahadevpur Segmment in Karimnagar District 15/4". All possible alternate routes for laying of pipelines have been examined to cover all the habitations in the Manthani & Bhupalpally Constituencies in Karimnagar District. As per the Hydraulic Designs and Topography of the Area the proposed locations are very much essential for laying of pumping main, gravity mains and there are no other possible alternative alignments.

Cost of the Project: Administrative sanctioned for Rs.890.00 (55+835) Crores


Executive Engineer,
Telangana Drinking Water Supply Project
Division: Peddapally.


Superintending Engineer
TDWSP Circle, Karimnagar

"Counter Signed"



Chief Engineer
TDWSP, Hyderabad

Location wise Justification in the Forest Area (SET-1)

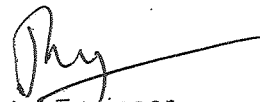
FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHADEVPUR SEGMENT-15/4."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	1	Karimnagar East	Mutharam Reserved Forest	1.301	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Nasturpalli Jn to Brahmanpalli X Road) of 400 mm dia Pipe lines falls under Mutharam Reserved Forest for a length 8670.373m and width of 1.50 m and the total area required is 1.301Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department
2	1	Karimnagar East	Mutharam Reserved Forest	0.056	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). Gravity main from Baswapur Jn to Medipalli OHSR) of 300 mm dia Pipe lines falls under Mutharam Reserved Forest for a length 617.494 and width of 0.90 m and the total area required is 0.056Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department

TOTAL = 1.357


Executive Engineer,
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Chief Engineer
TDWSP (RWS&S), Hyderabad.

Location wise Justification in the Forest Area (SET-2)

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHADEVPUR SEGMENT-15/4."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	2	Karimnagar East	Mutharam Reserved Forest	0.165	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Mahadevpur to Edapalli Jn) of 110 mm dia Pipe lines falls under Mutharam Reserve Forest for a length 2352.817m and width of 0.7 m and the total area required is 0.165 Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department
2	2	Karimnagar East	Mutharam Reserved Forest	0.079	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). Gravity main from Edapalli Jn to Kudurupalli OHSR) of 110 mm dia Pipe lines falls under Mutharam Reserved Forest for a length 1125.500m and width of 0.7 and the total area required is 0.079 Hectares. There is no other alternate site to propose the pipeline as the ground levels are not permitting as per hydraulic design. Proposed reach is only the feasible alignment	NOC will be Obtained and Submitted from R&B and PR department
3	2	Karimnagar East	Mutharam Reserved Forest	0.014	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). Gravity main from Edapalli Jn to Edapalli OHSR) of 63 mm dia Pipe lines falls under Mutharam Reserved Forest for a length 204.268m and width of 0.7 and the total area required is 0.014 Hectares. There is no other alternate site to propose the pipeline as the ground levels are not permitting as per hydraulic design. Proposed reach is only the feasible alignment	NOC will be Obtained and Submitted from R&B and PR department

TOTAL = 0.258


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Chief Engineer
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Location wise Justification in the Forest Area (SET-3)

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHADEVPUR SEGMENT-15/4."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	3	Karimnagar East	Mutharam Reserved Forest	0.062	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Ambatpalli Jn to Peddampeta Jn) of 300 mm dia Pipe lines falls under Mutharam Reserve Forest for a length 689.523mand width of 0.9 m and the total area required is 0.062Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department
2	3	Karimnagar East	Mutharam Reserved Forest	0.299	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Suraram Jn to Ambatpalli Jn) of 300 mm dia Pipe lines falls under Mutharam Reserve Forest for a. length 3320.237mand width of 0.9 m and the total area required is 0.299Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department

TOTAL = 0.361


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Chief Engineer
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Location wise Justification in the Forest Area (SET-4)

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHADEVPUR SEGMENT-15/4."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	4	Karimnagar East	Mutharam Reserved Forest	0.826	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Peddampeta Jn to Pankena Jn) of 250 mm dia Pipe lines falls under Mutharam Reserve Forest for a length 9177.959m and width of 0.9 m and the total area required is 0.826 Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department

TOTAL = 0.826


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Chief Engineer
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Location wise Justification in the Forest Area (SET-5)

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHADEVPUR SEGMENT-15/4."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	5	Karimnagar East	Mutharam Reserved Forest	0.163	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Palimela Jn to Kamanpalli Jn) of 200 mm dia Pipe lines falls under Mutharam Reserve Forest for a length 1805.677m and width of 0.9 m and the total area required is 0.163 Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department
2	5	Karimnagar East	Mutharam Reserved Forest	0.109	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Pankena Jn to Palimela Jn) of 225 mm dia Pipe lines falls under Mutharam Reserved Forest for a length 1215.031m and width of 0.9 and the total area required is 0.109 Hectares. There is no other alternate site to propose the pipeline as the ground levels are not permitting as per hydraulic design. Proposed reach is only the feasible alignment	NOC will be Obtained and Submitted from R&B and PR department

TOTAL = 0.272


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Chief Engineer
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Location wise Justification in the Forest Area (SET-6)

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHADEVPUR SEGMENT-15/4."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	6	Karimnagar East	Mutharam Reserved Forest	0.102	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Dammuru Jn to Dammuru OHSR) of 63 mm dia Pipe lines falls under Mutharam Reserve Forest for a length 1459.149m and width of 0.7 m and the total area required is 0.102 Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. Proposed Reach is only the feasible alignment.	NOC will be Obtained and Submitted from R&B and PR department
2	6	Karimnagar East	Mutharam Reserved Forest	0.600	The proposed pipeline comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project). Gravity main from Palimela Jn to Dammuru JN) of 180 mm dia Pipe lines falls under Mutharam Reserved Forest for a length 6667.844m and width of 0.9 and the total area required is 0.600 Hectares. There is no other alternate site to propose the pipeline as the ground levels are not permitting as per hydraulic design. Proposed reach is only the feasible alignment	NOC will be Obtained and Submitted from R&B and PR department
3	6	Karimnagar East	Mutharam Reserved Forest	0.031	The proposed OHBR comes under segment 15/4 of TDWSP (Telangana Drinking Water Supply Project) The proposed OHBR falls in Mutharam Reserved Forest and the total area required is 0.031 Hectares. There is no other alternate site to propose the OHBR in order to utilize the natural elevation to create sufficient head. Proposed site is only the feasible one.	

TOTAL = 0.733


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