

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 & Bhupalpalli 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 Mahamutharam Segment in Karimnagar District Segment -15/3**". 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

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 MAHAMUTHARAM SEGMENT IN KARIMNAGAR AND WARANGAL DISTRICTS."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	1	Karimnagar East	Bhupalpally Reserved Forest	0.144	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Baswapur Jn to Medipalli Jn) 90 mm dia Pipe lines falls under Bhupalpally Reserve Forest for a length of 2053.304m and width of 0.7 and the total area required is 0.144 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	1	Karimnagar East	Azamnagar Reserved Forest	0.114	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Mulugupalli Jn to Polaram Jn) 110 mm dia Pipe lines falls under Bhupalpally Reserve Forest for a length of 1633.250m and width of 0.7 and the total area required is 0.114 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 = 0.258


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

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHAMUTHARAM SEGMENT IN KARIMNAGAR AND WARANGAL DISTRICTS."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	2	Karimnagar East	Chintakani Reserved Forest	0.232	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Korlakunta Jn to Jeelapalli Jn) 110 mm dia Pipe lines falls under Chintakani Reserve Forest for a length of 3315.672 m and width of 0.7 and the total area required is 0.232 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	0.078	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Jeelapalli Jn to Parlapalli Jn) 110 mm dia Pipe lines falls under Chintakani Reserve Forest for a length of 1116.655m and width of 0.7 and the total area required is 0.078 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
3	2	Karimnagar East	Mutharam Reserved Forest	0.039	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Pratapgiri Jn to Marripalli Jn) 110 mm dia Pipe lines falls under Chintakani Reserve Forest for a length of 558.600m and width of 0.7 and the total area required is 0.039 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 0.349

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

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHAMUTHARAM SEGMENT IN KARIMNAGAR DISTRICTS."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	3	Karimnagar East	Tadicherla Reserved Forest	0.446	The proposed pipeline comes under segment 15/3 of TDWSP(Telangana Drinking Water Supply Project). (Gravity main from Edlapalli Jn to Rudraram Jn)110 mm dia Pipe lines falls under Chintakani Reserve Forest for a length of 6370.312m and width of 0.7 and the total area required is 0.446 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 = 0.446


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

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHAMUTHARAM SEGMENT IN KARIMNAGAR AND WARANGAL DISTRICTS."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	4	Karimnagar East	Tadicherla Reserved Forest	0.113	The proposed pipeline comes under segment 15/3 of TDWSP(Telangana Drinking Water Supply Project). (Gravity main from Peddatundla Shivaram Jn to Shatrajpalli Jn) 63 mm dia Pipe lines falls under Tadicherla Reserve Forest for a length of 1611.151m and width of 0.7 and the total area required is 0.113 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 = 0.113

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

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHAMUTHARAM SEGMENT IN KARIMNAGAR AND WARANGAL DISTRICTS."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	5	Karimnagar East	Azamnagar Reserved Forest	0.402	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Keshavapur Jn to Pegadapalli Jn) 225 mm dia Pipe lines falls under Azamnagar Reserve Forest for a length of 4466.498m and width of 0.9 and the total area required is 0.402 Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. <u>Proposed Reach is only the feasible alignment.</u>	NOC will be Obtained and Submitted from R&B and PR department
2	5	Karimnagar East	Chintakani Reserved Forest	0.312	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Yamanpalli Jn to Nimmagudem Jn) 225 mm dia Pipe lines falls under Chintakani Forest for a length of 3464.418m and width of 0.9 and the total area required is 0.312 Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. <u>Proposed Reach is only the feasible alignment.</u>	NOC will be Obtained and Submitted from R&B and PR department
3	5	Karimnagar East	Chintakani Reserved Forest	0.009	The proposed pipelines comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Nimmagudem Jn to Keshavapur Jn) 63 mm dia Pipe lines falls under Chintakani Reserve Forest for a length of 128.165m and width of 0.7 and the total area required is 0.009 Hectares. There is no other alternate alignment to propose the pipeline as the ground levels are not permitting as per Hydraulic design. <u>Proposed Reach is only the feasible alignment.</u>	NOC will be Obtained and Submitted from R&B and PR department

TOTAL 0.723

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

FOR THE WORK OF "PROVIDING TELANGANA DRINKING WATER SUPPLY PROJECT FOR MAHAMUTHARAM SEGMENT IN KARIMNAGAR AND WARANGAL DISTRICTS."

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	6	Karimnagar East	Azamnagar Reserved Forest	0.110	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Borlagudem Jn to Narsingapuram Jn) 90 mm dia Pipe lines falls under Azamnagar Reserve Forest for a length of 1571.443m and width of 0.9 and the total area required is 0.110 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	Bhupalpally Reserved Forest	0.020	The proposed pipeline comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Narsingapuram Jn to Narsingapuram OHSR Jn) 90 mm dia Pipe lines falls under Bhupalpalli Reserve Forest for a length of 284.507m and width of 0.9 and the total area required is 0.020 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
3	6	Karimnagar East	Azamnagar Reserved Forest	0.080	The proposed pipelines comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Narsingapuram Shivaram to Erraram Jn) 90 mm dia Pipe lines falls under Azamnagar Reserve Forest for a length of 1145.031m and width of 0.7 and the total area required is 0.080 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
4	6	Karimnagar East	Azamnagar Reserved Forest	0.189	The proposed Pipelines comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Kistapur Jn Borlagudem Jn) 110 mm dia Pipe lines falls under Azamnagar Reserve Forest for a length of 2694.554m and width of 0.7 and the total area	NOC will be Obtained and Submitted from R&B and

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					required is 0.189 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.	PR department
5	6	Karimnagar East	Azamnagar Reserved Forest	0.037	The proposed pipelines comes under segment 15/3 of TDWSP (Telangana Drinking Water Supply Project). (Gravity main from Narsingapuram Shivaram to Erraram Jn) 90 mm dia Pipe lines falls under Azamnagar Reserve Forest for a length of 1145.031m and width of 0.7 and the total area required is 0.037 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 = 0.436

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