

Justification for location of the Project in forest area

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The Telangana Drinking water project (TDWSP) is intended to provide safe drinking water to every habitation at a service level 100 lpcd at household level from a sustainable surface water source. As a part of the project, in Khammam district, it is proposed to provide safe drinking water to 460 habitations in Sathupalli, Wyra & Madhira Constituencies from Wyra reservoir as raw water source, the work **"Laying of Pipe Lines and Construction of Structures for Provide safe Drinking Water in Wyra & Sathupalli (Part) Constituencies in Khammam District – Segment 26/2"**

All possible alternate routes for laying of pipelines have been examined and when it is inevitable and no other alternative route except through forest to cover certain habitations and certain Structures in the Forest Area are essential to cover all the habitations in the Sathupalli, Wyra & Madhira Constituencies in Khammam District. As per the Hydraulic Designs and Topography of the Area the proposed locations are very much essential and there are no other possible alternative alignments.

Cost of the Project.

Rs. 575.00 Crores.


Superintending Engineer,
TDWSP circle, Khammam.

"Counter signed"


Chief Engineer

RWS&S TDWSP, Hyderabad

TELANGANA DRINKING WATER SUPPLY PROJECT-WYRA & SATHUPALLI (PART) CONSTITUENCIES-SEGMENT 26/2- KHAMMAM DISTRICT


JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND

S.No	Segment	Set No	Division	Block	Area Proposed for Diversion(in Hectares)	Justification for the diversion of Forest Land	Remarks
1	26/2	1	Khammam	Lankapalli	0.114	These Pipe Lines are proposed to distribute the clear water (the reaches are Chowdaramx road to Yerugatla bridge,Yerugatla road bridge on Neeladri Road,Mandalapadu bridge on SH 42) which are continued from GLBR on Kanakagiri Hillock and these are continued to reach Penuballi mandal habitations and Vemsoor mandal Habitations of path having cordinates of S1-S33.The proposed pipelines are essential and there is no such shortest route.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.	NOC is required from R&B authorities.Letter sent to R&B authorities to get NOC.
2	26/2	2	Khammam	Lankapalli	0.241	The Pipe Line has proposed to carry.the clear water from Pallewada X Road to Pallewada St. Johns Church which is continued from GLBR on Kanakagiri Hillock to reach Pallewada OHBR and covers the Vemsoor mandal habitations.The path having cordinates of S34-S72.The proposed pipeline is main trunk main to carry clearwater to vemsoor mandal and essential and there is no such shortest route.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.	NOC is required from R&B authorities.Letter sent to R&B authorities to get NOC.
3	26/2	3	Khammam	Kanigiri	0.29	The Pipe Line has proposed to distribute the clear water from Julurpadu Kankar Quarry to Julurpadu Village.The path having cordinates of S73-S112.The proposed pipeline is secondary gravity main to carry clearwater and essential and there is no such shortest route.The Pipe Line alignment proposed to lay the Pipe Line is in the "Right of Way" of the existing R&B 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.	NOC is required from R&B authorities.Letter sent to R&B authorities to get NOC.

S.No	Segment	Set No	Division	Block	Area Proposed for Diversion(in Hectares)	Justification for the diversion of Forest Land	Remarks
4	26/2	4	Khammam	Gubbagurthi	0.213	The Pipe Line has proposed to carry the clear water from Gaddalagudem to Vikram Nagar and OHSR has also proposed in forest area.The path and structure having coordinates of S113-S139.The proposed pipeline is carry the water to supply water to Vikram Nagar Habitation.The Pipeline and OHSR is essential and there is no such shortest route. 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.	
5	26/2	5	Khammam	Gubbagurthi	0.867	The Pipe Line has proposed to carry the clear water from Annavaram to Gaddalagudem Elec. Sub Stn.which is continued from GLBR on Mukri Hillock to reach Gubbagurthi OHBR and covers the Konijerla mandal habitations.The path having coordinates of S140-S237.The proposed pipeline is main trunk main to carry clearwater to Konijerla (Part) mandal and essential and there is no such shortest route.The Pipe Line alignment proposed to lay the Pipe Line is in the NSP Boundary of the existing NSP canal. 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.	NOC is required from NSP authorities.Letter sent to NSP authorities to obtain NOC.
6	26/2	6	Khammam	Kanigiri	0.471	The Pipe Line has proposed to carry the clear water from GLBR on Kanakagiri Hillock towards Enkoor route all along the NSP canal and covers the Julurpadu & Enkoor mandals habitations.The path having coordinates of S238-S287.The proposed pipeline is main trunk main to carry clearwater and essential and there is no such shortest route.The Pipe Line alignment proposed to lay the Pipe Line is in the NSP Boundary of the existing NSP canal. 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.	NOC is required from NSP authorities.Letter sent to NSP authorities to obtain NOC.

S.No	Segment	Set No	Division	Block	Area Proposed for Diversion(in Hectares)	Justification for the diversion of Forest Land	Remarks
7	26/2	7	Khammam	Kanigiri	2.368	The Scheme is designed mainly on gravity principle as such the treated water will be pumped to a nearby higher elevation from there the water will be distributed by gravity to all habitations. In this case the higher elevation is available at this proposed location comprising series of hillocks at different elevations. This is the only location available in the vicinity with required elevation within short distance from Wyra Intakewell. As part of the scheme proposed items in forest area are two GLBR's, Pumping main, Approach road to GLBR's, gravity mains to enkoor side & penuballi side, approach road to water treatment plant with the co ordinates from S288-S443. All possible alternatives examined. Alternate alignment is not possible because natural high elevated hillocks in the segment are present at this location only. As per the hydraulic designs, existing natural conditions and topography of the area the proposed location/alignment is very much essential for construction of GLBR's and other works. By this scheme water will flow by gravity to 6 mandals without any hindrances like re-pumping stations and power requirements at different locations.	NOC is required from NSP authorities. Letter sent to NSP authorities to obtain NOC.
8	26/2	8	Khammam	Lokaram	0.138	The Pipe Line has proposed to carry the clear water from GLBR-2 on Kanakagiri Hillock towards Kallur route all along the NSP canal and covers the Penuballi (Part) mandal habitations. The path having coordinates of S444-S468. The proposed pipeline is main trunk main to carry clearwater to supply by gravity and essential and there is no such shortest route. The Pipe Line alignment proposed to lay the Pipe Line is in the NSP Boundary of the existing NSP canal. And As per the 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.	NOC is required from NSP authorities. Letter sent to NSP authorities to obtain NOC.


 Superintending Engineer,
 TDWSP, Khammam

"Counter Signed"

 Chief Engineer,
 RWS&S, TDWSP, Hyderabad