

GOVERNMENT OF TELANGANA
RURAL WATER SUPPLY AND SANITATION DEPARTMENT

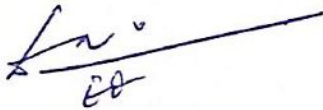
Justification for location of the project in forest area :

The proposed "Laying of Pipe Line and Construction of Other Structures for safe Drinking Water in Nizamabad District -Indalwai, Segment 11/2."

have no other alternative routes to cover all the habitations and the proposed Pipelines and Structures in the Forest Area are essential to cover all the habitations in segment-11/2 Indalwai of the Nizamabad District as per the Hydraulic Designs and Topography of the Area the proposed locations are very much essential and there are no other alternative alignments.


Cost of the Project.

Rs. 350.00 Crores.



Superintending Engineer,
RWS&S TDWSP,
Nirmal Circle.

"Counter Signed"


Chief Engineer
RWS&S TDWSP, Hyderabad



"Count"

TELANGANA DRINKING WATER SUPPLY PROJECT-SRSP BALKONDA - NIZAMABAD DISTRICT

JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND - SEGMENT 11/2 INDALWAI

S.No	Segment	Set No	Division	Reserved Forest	Area Proposed for Diversion(in Hectares)	Justification for the diversion of Forest Land	Remarks
1	11/2	1	NIZAMABAD	Manchippa	0.272	a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). From Segment 11 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S11-43 to S11-1 (i.e., The Pipe Line from Gandhinagar Tanda to Malkapur Tanda) falls under Manchippa RF for a length of 3398.481m with Trench width 0.8m. The Total Area of Land Diverison required is 0.272 Hectars. 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 under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
2	11/2	2	KAMAREDDY	Manchippa	0.097	a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). From Segment 11 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S11-44 to S11-54 (i.e., The Pipe Line at Sirpur Hillock) falls under Manchippa RF for a length of 121.709m with Trench width 3.00m. The Total Area of Land Diverison required is 0.097 Hectars. 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. b) The Construction of BPT is very much essential as the Pressure in the Pipe line Is high and hence shall damage the pipeline. Hence to break the pressure in the pipeline It is essential to construct BPT.	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.

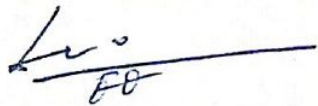
S.No	Segment	Set No	Division	Reserved Forest	Area Proposed for Diversion(in Hectares)	Justification for the diversion of Forest Land	Remarks
3	11/2	3	NIZAMABAD	Manchippa	0.89	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). From Segment 11 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S11-177 to S11-231 (i.e., The Pipe Line from Manchippa to Kalpool), S11-211 to S11-248 (From Mothiram Tanda to Umlanaik Tanda) and S11-74 to S11-176 (From Mothiram Tanda to Rameshpur Tanda) falls under Manchippa RF for a length of 10911.044m with Trench widths varying in 0.7/3m. The Total Area of Land Diversion required is 0.89 Ha. 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.</p> <p>b) The Construction of OHBR's is very much essential as the Pressure in the Pipe line dropping to the minimum level at the Village Junction.</p> <p>c) The Construction of Sump is very much essential as the Pressure in the Pipe line is not enough to be supplied to the OHSR. Hence the water need to be supplied to sump and pumped into the OHSR.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
4	11/2	4	NIZAMABAD	Secunderapur	0.431	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). From Segment of TDWSP Pipe Line Net Work, A part of the pipe line proposed from S11-359 to S11-363 (i.e., The Pipe Line from Amrabad Tanda to Yellamakunta) falls under Secunderapur RF for a length of 5116.202m and with a Trench width 0.70m. The total area of Land diversion required is 0.431 Ha. 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.</p> <p>b) The Construction of Sump is very much essential as the Pressure in the Pipe line is not enough to be supplied to the OHSR. Hence the water need to be supplied to sump and pumped into the OHSR.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.

S.No	Segment	Set No	Division	Reserved Forest	Area Proposed for Diversion (In Hectares)	Justification for the diversion of Forest Land	Remarks
5	11/2	5	KAMAREDDY	Chandraipally	0.103	a) The proposed Pipe Line and OHBR's comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). A part of the pipe line proposed from S11-378 to S11-380 (The Line From Triambakpet to Samyanalk Tanda Jn), S11-389 to S11-392 (The Line From Samyanalk tanda Jn to Samyanalk Tanda) and S11-388 to S11-387 (The Line From Chandraipally Tanda to Chandraipally) falls under Chandraipally RF for a length of 1458.442m and with a Trench width 0.70m and the Total Area Required for diversion is 0.103 Ha. 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 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 & Maintenance activities.	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
6	11/2	6	KAMAREDDY	Indalwai	1.312	a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-269 to S11-393, (The Pipe Line from Malkapur Tanda to Thirmanpally), S11-278 to S11-647, (The Pipe Line at Thirmanpally Hillock) falls under Indalwai RF for a length of 2092.181m and with a Trench width 3.00/4.00/7.00 m and the Total Area Required for diversion is 1.312 Ha. 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. b) The Construction of OHBR's is very much essential as the Pressure in the Pipe line dropping to the minimum level at the Village Junction.	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.

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7	11/2	7	KAMAREDDY	Rammadugu	0.31	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-418 to S11-404, (The Pipe Line from Vengalpad to Yellareddypally), S11-405 to S11-410, (The Pipe Line at Yellareddypally In) and S11-400 to S11-399, (The Pipe Line from Yellareddypally to Ansanpally) falls under Rammadugu RF for a length of 2286.177m and with a Trench width 1.00/3.00m and the Total Area Required for diversion is 0.31 Ha. 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.</p> <p>b) The Construction of BPT is very much essential as the Pressure in the Pipe line is high and hence shall damage the pipeline. Hence to break the pressure in the pipeline it is essential to construct BPT.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
8	11/2	8	KAMAREDDY	Rammadugu	0.241	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-448 to S11-424, (The Pipe Line from Ansanpally to Dharpally) falls under Rammadugu RF respectively for a length of 2412.426m and with a Trench width 1.00m and the Total Area Required for diversion is 0.241 Ha. 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.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
9	11/2	9	KAMAREDDY	Sirnapally	0.055	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-468 to S11-467, (The Pipe Line from Gauraram To GK Tanda) falls under Sirnapally RF respectively for a length of 791.069m and with a Trench width 0.70m and the Total Area Required for diversion is 0.055 Ha. 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.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.

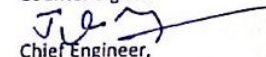
S.No	Segment	Set No	Division	Reserved Forest	Area Proposed for Diversion(In Hectares)	Justification for the diversion of Forest Land	Remarks
10	11/2	10	KAMAREDDY	Sirnapally	0.546	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-471 to S11-473, (The Pipe Line from GK Tanda To Donkal) and S11-543 to S11-546, (The Pipe Line from Devuni Tanda to Hillock) falls under Sirnapally RF respectively for a length of 4969.69m and with a Trench width 0.70/3.00 m and the Total Area Required for diversion is 0.546 Ha. 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.</p> <p>b) The Construction of OHBR's is very much essential as the Pressure in the Pipe line dropping to the minimum level at the Village Junction.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
11	11/2	11	KAMAREDDY	Sirnapally	0.18	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-592 to S11-571, (The Pipe Line from Sirnapally to Ramsagar Tanda) falls under Sirnapally RF respectively for a length of 2571.339m and with a Trench width 0.70m and the Total Area Required for diversion is 0.18 Ha. 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.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
12	11/2	12	KAMAREDDY	Donakal	0.176	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-594 to S11-633, (The Pipe Line from Donakal to Kottalpally) falls under Donakal RF respectively for a length of 2508.757m and with a Trench width 0.70m and the Total Area Required for diversion is 0.176 Ha. 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.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.

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13	11/2	13	KAMAREDDY	Walgot	0.138	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-634 to S11-646, (The Pipe Line at Waddera Colony) falls under Walgot RF respectively for a length of 373.836m and with a Trench width 0.70m and the Total Area Required for diversion is 0.138 Ha. 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.</p> <p>b) The Construction of BPT is very much essential as the Pressure in the Pipe line is high and hence shall damage the pipeline. Hence to break the pressure in the pipeline it is essential to construct BPT.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.
14	11/2	14	KAMAREDDY	Dubbak	0.155	<p>a) The proposed Pipe Line comes under Segment 11 of TDWSP (Telangana Drinking Water Supply Project). The Line from S11-682 to S11-681, (The Pipe Line from DB Tanda to Chintal Tanda), S11-660 to S11-655, (The Pipe Line from Chintal Tanda Jn to Chintal Tanda) and S11-683 to S11-691, (The Pipe Line from MG Tanda Jn to MG Tanda) falls under Dubbak RF respectively for a length of 2047.612m and with a Trench width 0.70/0.80m and the Total Area Required for diversion is 0.155 Ha. 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.</p>	NOC under F(C) Act 1980, not required from the concerned Dept as the existing road is laid before 1980. However, the consent from the concerned Dept shall be obtained and submitted.



Superintending Engineer,
TDWSP, Nirmal

"Counter Signed"


Chief Engineer,
RWS&S, TDWSP, Hyderabad