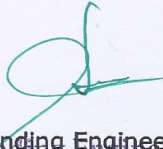


Justification for location of the project in forest area

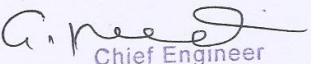
The Telangana Drinking water project (TDWSP) is intended to provide safe drinking water to every habitation at a service level with 100 lpcd at household level from a sustainable surface water source. As a part of the project, it is proposed to provide safe drinking water to 5 Mandals in Achampeta constituency in Mahaboobnagar Dist.

The work "**Laying of Pipe Line and Construction of Structures to Provide safe Drinking Water in Achampeta constituency in Mahaboobnagar dist**" All possible alternate routes for laying of pipelines have been examined and when it is inevitable and no other alternative route except through forest and Water Treatment Plant Structure in the Forest Area is essential to treat the raw water then supply clear water through gravity mains to habitations in the Achampeta Constituency in Mahaboobnagar 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 construction of water treatment plant and there are no other possible alternative alignment.

Cost of the Project: 257.00 crores


Superintending Engineer,
TDWSP Circle, Mahaboobnagar.
Mahaboobnagar.

"Counter Signed"

Counter Signed

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

TELANGANA DRINKING WATER SUPPLY PROJECT-SEGMENT - 1 - MAHABUBNAGAR DISTRICT

JUSTIFICATION REPORT FOR THE DIVERSION OF FOREST LAND IN ACHAMPETA SEGMENT- 1/8 OF MAHABUBNAGAR(Dist), ACHAMPETA DIVISION

S.No	Set No	Division	Reserved Forest	Area Proposed for Diversion(in Hectares)	Justification for the diversion of Forest Land	Remarks
1	1	ACHAMPETA	ACHAMPETA(WLM)	0.121	a) The proposed Pipe Line comes under Segment 1of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 1 (i.e., The Pipe Line from Rangapur to Uma mahewsharam.),under ACHAMPETA RF for a length of 1735.056 M with Trench width 0.70M. The Total Area of Land Diverison required is 0.121 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR Department.
2	2	ACHAMPETA	ACHAMPETA(WLM)	1.926	a) The proposed Pipe Line comes under Segment 1of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 2 (i.e., The Pipe Line from Rangapur to Mannanur .),under ACHAMPETA RF for a length of 3642.648 M with Trench width 3.5 M. and Construction of sumps at Rangapur forest nursery and Shivalayam temple at Mannanur, The Total Area of Land Diverison required is 1.926 Hectares. The Pipe Line alignment proposed to lay the Pipe Line is in the "Right of Way" of the existing Road and through along the forest area And As per ther Hydraulic Designs, the water can be supplied by Gravity through the proposed alignment, and there is "No" other alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from NHAI Department.
3	3	ACHAMPETA	ACHAMPETA(WLM)	0.57	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 3 (i.e., The Pipe Line from Bomanpally to Siddapur),under ACHAMPETA RF for a length of 5697.294 M with Trench width 1.00 m.and The Total Area of Land Diverison required is 0.57 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from R&B Department.

4	4	ACHAMPETA	ACHAMPETA(WLM)	0.095	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 4 (i.e., The Pipe Line from Siddapur to puldevebanda tanda),under ACHAMPETA RF for a length of 1358.486 M with Trench width 0.7m.andThe Total Area of Land Diverison required is 0.095 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR Department.
5	5	ACHAMPETA	ACHAMPETA(WLM)	0.101	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 5 (i.e., The Pipe Line from Anjaneyulu tanda to Akkaram to Bakkalingaipally),under ACHAMPETA RF for a length of 1444.366 M with Trench width 0.7m.andThe Total Area of Land Diverison required is 0.101 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from R&B Department.

6	6	ACHAMPETA	ACHAMPETA(WLM)	0.166	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 6 (i.e., The Pipe Line from madhavanpalli to thirumalapur .),under ACHAMPETA RF for a length of 2377.398 M with Trench width 0.70M. The Total Area of Land Diverison required is 0.166 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR Department.
7	7	ACHAMPETA	ACHAMPETA(WLM)	0.066	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 7 (i.e., The Pipe Line from kummaronipally to Rayalagandi tanda .),under ACHAMPETA RF for a length of 937.462 M with Trench width 0.70M. The Total Area of Land Diverison required is 0.066 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from R&B Department.
8	8	ACHAMPETA	ACHAMPETA(WLM)	0.204	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 8 (i.e., The Pipe Line from Vankeshwaram to Chitlam kunta to Chennampally .),under ACHAMPETA RF for a length of 1836.371M with Trench width 0.70M. The Total Area of Land Diverison required is 0.204 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR and R&B Department.
9	9	ACHAMPETA	ACHAMPETA(WLM)	0.699	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 9 (i.e., The Pipe Line from Chitalam kunta to Petralchenu to Udimila),under ACHAMPETA RF for a length of 6986.160 M with Trench width 1.00M. The Total Area of Land Diverison required is 0.699 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR and R&B Department.

10	10	ACHAMPETA	ACHAMPETA(WLM)	0.285	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 10 (i.e., The Pipe Line from Udimmala to Maradugu to Ippalapally),under ACHAMPETA RF for a length of 4074.519 M with Trench width 0.70M. The Total Area of Land Diverison required is 0.285 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR and R&B Department.
11	11	ACHAMPETA	ACHAMPETA(WLM)	0.607	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 11 (i.e., The Pipe Line from Ippalapally to Maddimadugu.),under ACHAMPETA RF for a length of 8681.70 M with Trench width 0.70M. The Total Area of Land Diverison required is 0.607 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR and R&B Department.
12	12	ACHAMPETA	ACHAMPETA(WLM)	0.101	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 12 (i.e., The Pipe Line from Ambagiri to Appaipally),under ACHAMPETA RF for a length of 1448.779 M with Trench width 0.70M. The Total Area of Land Diverison required is 0.101 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR Department.
13	13	ACHAMPETA	ACHAMPETA(WLM)	0.045	a) The proposed Pipe Line comes under Segment 1 of TDWSP (Telangana Drinking Water Supply Project). From Segment 1/8 of TDWSP Pipe Line Net Work, A part of the pipe line proposed from SET 13 (i.e., The Pipe Line from Chennampally toYerrapenta),under ACHAMPETA RF for a length of 638.875 M with Trench width 0.70M. The Total Area of Land Diverison required is 0.045 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 alternat alignment to propose the Pipe Line as the levels are not permitting to supply the Treated Water by Gravity.	NOC will be obtained and submitted from PR Department.