

**Justification for locating the project in forest area**

Laying of pipe lines and Construction of other structures for providing safe drinking water to Mulugu Constituencies, Warangal District, Segment 20/3 –Eturunagaram , Diversion of 22.258 Ha. in Warangal North-13.965 Hectares, Warangal North ESZ – 2.583 Hectares & Warangal WLM Division – 5.71 Hectares of Forest land for ‘Laying of pipe lines and Construction of other structures for providing safe drinking water to Mulugu Constituency, Warangal District, Segment 20/3 – Eturunagaram.”

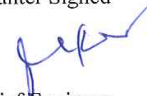
The Telangana Drinking water project (TDWSP) is intended to provide safe drinking water to every habitation at a service level with 100 lpcd at household level from a sustainable surface water source. As a part of the project, it is proposed to provide safe drinking in Mulugu Constituency, Warangal District.

The work “Laying of pipe lines and Construction of other structures for providing safe drinking water to Mulugu Constituency, Warangal District”. 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 Structures in the Forest Area is essential to supply clear water through gravity mains to habitations in the Mulugu Constituency in Warangal 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 OHBR and sumps there are no other possible alternative alignment.

**Cost of the Project: 105.00 crores**

  
Superintending Engineer  
TDWSP Circle Warangal.


”Counter Signed”

  
Chief Engineer  
TDWSP, Hyderabad

17	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.016	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Shankarrajpally x TO rohher-90mm dia Pipe line, which falls under Eturnagaram WLM for a length of 195.163 m and with a trench width of 0.8 m and the total area required is 0.016 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 from R&B or PR Department and submitted.
18	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.033	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM kanthanpally ohbr TO kanthanpally ohbr x -450mm dia Pipe line, which falls under Eturnagaram WLM for a length of 109.785 m and with a trench width of 3 m and the total area required is 0.033 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 from R&B or PR Department and submitted.
19	4	WARANGAL WLM	ETURNAGARAM- WILDLIFE	0.009	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kondai x TO Kondai ohsr-125mm dia Pipe line, which falls under Eturnagaram WLM for a length of 85.424 m and with a trench width of 1.1 m 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. Proposed Reach is only the feasible alignment.	NOC will be obtained from R&B or PR Department and submitted.
20	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.783	The Structure comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). is proposed to construct between tadvai TO kathal WTP, OHBR construction which falls under Eturnagaram WLM (Eturnagaram -Tadvai), the total area required is 0.783 Hectares. There is no other alternate location as the ground levels are not permitting as per Hydraulic design. Proposed construction is only the feasible location .	
21	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.282	The Structure comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). is proposed to construct between tadvai TO kathal SUMP construction which falls under Eturnagaram WLM (Eturnagaram -Tadvai), the total area required is 0.282 Hectares. There is no other alternate location as the ground levels are not permitting as per Hydraulic design. Proposed construction is only the feasible location .	
		<b>Total</b>		<b>5.842</b>		

  
 Superintending Engineer  
 TDWSP, Circle, Warangal

“Counter Signed”

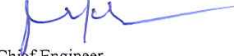
  
 Chief Engineer,  
 TDWSP, Hyderabad.

Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM)-SET 5						
FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3."						
Sl.No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	5	WARANGAL NORTH	ETURNAGARAM -WILD LIFE	0.246	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Peddavenkatapur TO rainigudem-90mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2729.078 m and with a trench width of 0.9 m and the total area required is 0.246 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 from R&B or PR Department and submitted.
2	5	WARANGAL NORTH	TADVAI -WILD LIFE	0.137	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM chinnaboynapally TO venkatapur x-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1959.842 m and with a trench width of 0.7 m and the total area required is 0.137 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 from R&B or PR Department and submitted.
3	5	WARANGAL NORTH	TADVAI -WILD LIFE	0.404	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM chinnaboynapally x TO shapally x-180mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3672.751 m and with a trench width of 1.1 m and the total area required is 0.404 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 from R&B or PR Department and submitted.
4	5	WARANGAL NORTH	TADVAI -WILD LIFE	0.514	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Project office TO Chinnaboynapally x-350mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3428.376 m and with a trench width of 1.5 m and the total area required is 0.514 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 from R&B or PR Department and submitted.
5	5	WARANGAL NORTH	TADVAI -WILD LIFE	0.013	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM CHINNABOINAPALLY TO Hanumanagar-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 184.756 m and with a trench width of 0.7 m and the total area required is 0.013 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 from R&B or PR Department and submitted.
6	5	WARANGAL WLM	TADVAI -WILD LIFE	0.516	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Shapally x TO Kondai-160mm dia Pipe line, which falls under Eturnagaram WLM for a length of 4693.208 m and with a trench width of 1.1 m and the total area required is 0.516 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 from R&B or PR Department and submitted.

7	5	WARANGAL NORTH	TADVAI -WILD LIFE	0.058	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM malyal TO kondai-90mm dia Pipe line, which falls under Eturnagaram WLM for a length of 642.152 m and with a trench width of 0.9 m and the total area required is 0.058 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 from R&B or PR Department and submitted.
8	5	WARANGAL NORTH	TADVAI -WILD LIFE	0.068	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM dodla TO malyal-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 966.247 m and with a trench width of 0.7 m and the total area required is 0.068 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 from R&B or PR Department and submitted.
9	5	WARANGAL NORTH	TADVAI -WILD LIFE	0.332	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Dodla kothur x TO dodla-160mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3021.245 m and with a trench width of 1.1 m and the total area required is 0.332 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 from R&B or PR Department and submitted.
		<b>Total</b>		<b>2.288</b>		

  
 Superintending Engineer  
 TDWSP, Circle, Warangal


“Counter Signed”

  
 Chief Engineer,  
 TDWSP, Hyderabad.




Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM)-SET 6						
FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3."						
Sl.No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	6	WARANGAL WLM	Wild Life - Tadwai	1.425	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Chinnaboyinapally sump TO Tadwai OHBR -300mm dia Pipe line, which falls under Eturnagaram WLM for a length of 9497.653 m and with a trench width of 1.5 m and the total area required is 1.425 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 from R&B or PR Department and submitted.
2	6	WARANGAL NORTH	Wild Life - Tadwai	1.906	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kamraram x jn TO Medaran JN-300mm dia Pipe line, which falls under Eturnagaram WLM for a length of 12706.792 m and with a trench width of 1.5 m and the total area required is 1.906 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 from R&B or PR Department and submitted.
3	6	WARANGAL NORTH	Wild Life - Tadwai	0.046	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kamraram x jn TO Kamraram ohsr-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 656.963 m and with a trench width of 0.7 m and the total area required is 0.046 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 from R&B or PR Department and submitted.
4	6	WARANGAL NORTH	Wild Life - Tadwai	0.110	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Chinnaboyinapally sump TO tadwai-350mm dia Pipe line, which falls under Eturnagaram WLM for a length of 730.448 m and with a trench width of 1.5 m and the total area required is 0.11 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 from R&B or PR Department and submitted.
5	6	WARANGAL NORTH	Wild Life - Tadwai	0.036	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Chinnaboyinapally sump TO Chinnaboyinapally sump-300mm dia Pipe line, which falls under Eturnagaram WLM for a length of 120.539 m and with a trench width of 3 m and the total area required is 0.036 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 from R&B or PR Department and submitted.
6	6	WARANGAL NORTH	Wild Life - Tadwai	0.024	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM tadwai ohbr TO foot of ohbr -350mm dia Pipe line, which falls under Eturnagaram WLM for a length of 79.522 m and with a trench width of 3 m and the total area required is 0.024 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 from R&B or PR Department and submitted.

7	6	WARANGAL NORTH	Wild Life - Tadwai	0.070	The Structure comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). is proposed to construct between TO OHBR construction which falls under Eturunagaram WLM (Eturunagaram -Tadvai), the total area required is 0.07 Hectares. There is no other alternate location as the ground levels are not permitting as per Hydraulic design. Proposed construction is only the feasible location .	
8	6	WARANGAL NORTH	Wild Life - Tadwai	0.282	The Structure comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). is proposed to construct between TO SUMP construction which falls under Eturunagaram WLM (Eturunagaram -Tadvai), the total area required is 0.282 Hectares. There is no other alternate location as the ground levels are not permitting as per Hydraulic design. Proposed construction is only the feasible location .	
		<b>Total</b>		<b>3.899</b>		


  
 Superintending Engineer  
 TDWSP, Circle, Warangal

“Counter Signed”


  
 Chief Engineer,  
 TDWSP, Hyderabad.

Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM)-SET 7						
FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3."						
SLNo	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	7	WARANGAL NORTH	Tadawi-Wildlife	1.168	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Banjarayellapur TO Banjarayellapur x-250mm dia Pipe line, which falls under Eturnagaram WLM for a length of 7785.56 m and with a trench width of 1.5 m and the total area required is 1.168 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 from R&B or PR Department and submitted.
2	7	WARANGAL NORTH	Tadawi-Wildlife	0.019	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Banjarayellapur x TO Banjarayellapur-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 276.439 m and with a trench width of 0.7 m and the total area required is 0.019 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 from R&B or PR Department and submitted.
3	7	WARANGAL NORTH	Pasara-Wildlife	0.429	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kondaparty TO laval-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 6127.167 m and with a trench width of 0.7 m and the total area required is 0.429 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 from R&B or PR Department and submitted.
4	7	WARANGAL NORTH	Tadawi-Wildlife	0.253	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Katapur x TO Kondaparty-75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3611.767 m and with a trench width of 0.7 m and the total area required is 0.253 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 from R&B or PR Department and submitted.
5	7	WARANGAL NORTH	Tadawi-Wildlife	0.150	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM indira nagar jn TO katapur jn-225mm dia Pipe line, which falls under Eturnagaram WLM for a length of 997.278 m and with a trench width of 1.5 m and the total area required is 0.15 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 from R&B or PR Department and submitted.
6	7	WARANGAL NORTH	PASARA-Wildlife	0.059	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM namapally TO namapally ohsr -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 840.084 m and with a trench width of 0.7 m and the total area required is 0.059 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 from R&B or PR Department and submitted.

7	7	WARANGAL NORTH	PASARA- Wildlife	0.011	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM banjarayellapur x TO banjarayellapur ohsr-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 150.311 m and with a trench width of 0.7 m and the total area required is 0.011 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 from R&B or PR Department and submitted.
8	7	WARANGAL NORTH	WARANGAL NORTH	0.045	The Structure comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). is proposed to construct between tadvai TO kathal OHSR construction which falls under Eturnagaram WLM (Eturnagaram - Tadvai), the total area required is 0.045 Hectares. There is no other alternate location as the ground levels are not permitting as per Hydraulic design. Proposed construction is only the feasible location .	
		<b>Total</b>		<b>2.134</b>		


  
 Superintending Engineer  
 TDWSP, Circle, Warangal

“Counter Signed”

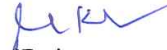
  
 Chief Engineer,  
 TDWSP, Hyderabad.



Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM)-SET 8						
FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3."						
Sl.No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	8	WARANGAL NORTH	Wild Life- Eturunagaram	0.423	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kothur Motlagudem TO ippalagadda,bommaigudem -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 6045.38 m and with a trench width of 0.7 m and the total area required is 0.423 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 from R&B or PR Department and submitted.
		Total		0.423		

  
 Superintending Engineer  
 TDWSP, Circle, Warangal

"Counter Signed"

  
 Chief Engineer,  
 TDWSP, Hyderabad.

**Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM)-SET 9**


**FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM -SEGMENT-20/3."**

Sl.No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	9	WARANGAL NORTH	ESZ-TADWAI	0.534	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Ankampally x jn TO Kamaram jn-140mm dia Pipe line, which falls under Eturnagaram WLM for a length of 4851.838 m and with a trench width of 1.1 m and the total area required is 0.534 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 from R&B or PR Department and submitted.
2	9	WARANGAL NORTH	ESZ-TADWAI	0.008	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kamaram jn TO Kamaram ohsr-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 118.869 m and with a trench width of 0.7 m and the total area required is 0.008 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 from R&B or PR Department and submitted.
3	9	WARANGAL NORTH	ESZ-TADWAI	0.116	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM kovishettuvai x TO kovishettuvai ohsr-75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1663.828 m and with a trench width of 0.7 m and the total area required is 0.116 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 from R&B or PR Department and submitted.
4	9	WARANGAL NORTH	ESZ-TADWAI	0.017	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Ankampally x jn TO Ankampally OHSR-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 238.987 m and with a trench width of 0.7 m and the total area required is 0.017 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 from R&B or PR Department and submitted.
5	9	WARANGAL NORTH	ESZ-TADWAI	0.074	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kamaram jn TO Ashanagudem yellapur OHSR-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1052.459 m and with a trench width of 0.7 m and the total area required is 0.074 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 from R&B or PR Department and submitted.
6	9	WARANGAL NORTH	ESZ-TADWAI	0.022	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Beerali jn TO Beerali OHSR -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 321.086 m and with a trench width of 0.7 m and the total area required is 0.022 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 from R&B or PR Department and submitted.

7	9	WARANGAL NORTH	ESZ-TADWAI	0.266	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Beerali jn TO Veerapur x-110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2954.96 m and with a trench width of 0.9 m and the total area required is 0.266 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 from R&B or PR Department and submitted.
8	9	WARANGAL NORTH	ESZ-TADWAI	0.109	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Narsapur jn TO Koushattivai jn-160mm dia Pipe line, which falls under Eturnagaram WLM for a length of 991.625 m and with a trench width of 1.1 m and the total area required is 0.109 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 from R&B or PR Department and submitted.
		<b>Total</b>		<b>1.146</b>		

  
 Superintending Engineer  
 TDWSP, Circle, Warangal

"Counter Signed"

  
 Chief Engineer,  
 TDWSP, Hyderabad.



**Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM )-SET 10**

**FOR THE WORK “TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3.”**


Sl.No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	10	WARANGAL NORTH	WILD LIFE-TADWAI	0.247	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Medaram Jn TO Padgapur-110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2249.71 m and with a trench width of 1.1 m and the total area required is0.247Hectares. 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 from R&B or PR Department and submitted.
2	10	WARANGAL NORTH	WILD LIFE-TADWAI	0.070	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Medaram x TO Reddygudem x-250mm dia Pipe line, which falls under Eturnagaram WLM for a length of 636.315 m and with a trench width of 1.1 m and the total area required is0.07Hectares. 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 from R&B or PR Department and submitted.
3	10	WARANGAL NORTH	ESZ-PASRA	0.088	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Narlapur jn TO Narlapur OHSR-140mm dia Pipe line, which falls under Eturnagaram WLM for a length of 879.022 m and with a trench width of 1 m and the total area required is0.088Hectares. 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 from R&B or PR Department and submitted.
4	10	WARANGAL NORTH	ESZ-TADWAI	0.216	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Stoopam to jampangvai jn TO kalwapally jn-180mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1966.325 m and with a trench width of 1.1 m and the total area required is0.216Hectares. 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 from R&B or PR Department and submitted.
5	10	WARANGAL NORTH	ESZ-TADWAI	0.448	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM kalwapally jn TO kalwapally OHSR -110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 4073.29 m and with a trench width of 1.1 m and the total area required is0.448Hectares. 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 from R&B or PR Department and submitted.




6	10	WARANGAL NORTH	ESZ-TADWAI	0.066	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Sttopam JN TO Kanneboinepally jn-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 948.62 m and with a trench width of 0.7 m and the total area required is 0.066 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 from R&B or PR Department and submitted.
7	10	WARANGAL NORTH	ESZ-TADWAI	0.356	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Narlapur jn TO Bakkayyapet jn-110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3233.184 m and with a trench width of 1.1 m and the total area required is 0.356 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 from R&B or PR Department and submitted.
8	10	WARANGAL NORTH	ESZ-TADWAI	0.188	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Narlapur jn TO Bakkayyapet jn-110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1711.193 m and with a trench width of 1.1 m and the total area required is 0.188 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 from R&B or PR Department and submitted.
9	10	WARANGAL NORTH	ESZ-WILDLIFE	0.059	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Reddygudem TO Reddygudem x-110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 532.578 m and with a trench width of 1.1 m and the total area required is 0.059 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 from R&B or PR Department and submitted.
		<b>Total</b>		<b>1.738</b>		

“Counter Signed”


  
Superintending Engineer  
TDWSP, Circle, Warangal

  
Chief Engineer,  
TDWSP, Hyderabad.

<u>Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM)-SET 11</u>						
<b>FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3."</b>						
Sl.No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	11	WARANGAL NORTH	PASARA	0.181	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Vengalpuerjn TO Pagidapur -75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2592.125 m and with a trench width of 0.7 m and the total area required is 0.181 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 from R&B or PR Department and submitted.
2	11	WARANGAL NORTH	PASARA	0.056	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Vengalpuerjn TO Pagidapur -75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 804.609 m and with a trench width of 0.7 m and the total area required is 0.056 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 from R&B or PR Department and submitted.
3	11	WARANGAL NORTH	PASARA	0.119	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Project nagr TO motlagudem-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1320.242 m and with a trench width of 0.9 m and the total area required is 0.119 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 from R&B or PR Department and submitted.
4	11	WARANGAL NORTH	PASARA	0.159	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Vengalpuerjn TO Gonepally Vg-75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2274.204 m and with a trench width of 0.7 m and the total area required is 0.159 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 from R&B or PR Department and submitted.
		<b>Total</b>		<b>0.515</b>		

  
 Superintending Engineer  
 TDWSP, Circle, Warangal

"Counter Signed"

  
 Chief Engineer,  
 TDWSP, Hyderabad.


**Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM)-SET 1**

**FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3."**

Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	1	WARANGAL NORTH	Eturunagaram -WILDLIFE	0.054	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Rajannapet TO Laxmipuram-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 770.669 m and with a trench width of 0.7 m and the total area required is 0.054 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 from R&B or PR Department and submitted.
2	1	WARANGAL NORTH	Eturunagaram -WILDLIFE	0.167	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Laxmipuram TO Thupakulagudem sump -90mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2089.455 m and with a trench width of 0.8 m and the total area required is 0.167 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 from R&B or PR Department and submitted.
3	1	WARANGAL NORTH	Eturunagaram -WILDLIFE	0.036	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Thupakulagudem sump TO Gangaram -75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 518.85 m and with a trench width of 0.7 m and the total area required is 0.036 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 from R&B or PR Department and submitted.
4	1	WARANGAL NORTH	Eturunagaram -WILDLIFE	0.165	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Thupakulagudem TO Kotha Thupakula gudem-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2351.835 m and with a trench 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 from R&B or PR Department and submitted.
5	1	WARANGAL NORTH	Eturunagaram -WILDLIFE	0.012	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Rajannapet TO Laxmipuram-225mm dia Pipe line, which falls under Eturnagaram WLM for a length of 39.566 m and with a trench width of 3 m and the total area required is 0.012 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 from R&B or PR Department and submitted.
6	1	WARANGAL NORTH	Eturunagaram -WILDLIFE	0.195	The Structure comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). is proposed to construct between tadvai TO kathal sump construction which falls under Eturnagaram WLM (Eturunagaram -Tadvai), the total area required is 0.195 Hectares. There is no other alternate location as the ground levels are not permitting as per Hydraulic design. Proposed construction is only the feasible location .	
			<b>Total</b>	<b>0.629</b>		

"Counter Signed"

  
Superintending Engineer  
TDWSP, Circle, Warangal

  
Chief Engineer,  
TDWSP, Hyderabad.




Location wise Justification in the Forest Area (Segment -20/3 -ETURUNAGARAM-TADVAI)-SET 2						
FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM-TADVAI SEGMENT-20/3."						
Sl. No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.434	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kannaigudem sump TO Bhupatipur -75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 6203.285 m and with a trench width of 0.7 m and the total area required is0.434Hectares. 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 from R&B or PR Department and submitted.
2	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.389	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Chityala X TO Chityala -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 5564.126 m and with a trench width of 0.7 m and the total area required is0.389Hectares. 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 from R&B or PR Department and submitted.
3	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.022	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kannaigudem x TO Kannaigudem ohsr-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 315.882 m and with a trench width of 0.7 m and the total area required is0.022Hectares. 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 from R&B or PR Department and submitted.
4	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.075	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Chityala X TO Kannaigudem x-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1074.221 m and with a trench width of 0.7 m and the total area required is0.075Hectares. 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 from R&B or PR Department and submitted.
5	2	WARANGAL WLM	ETURANGARAM -WILDLIFE	0.093	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM kothur x TO sarvai x-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1330.733 m and with a trench width of 0.7 m and the total area required is0.093Hectares. 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 from R&B or PR Department and submitted.
6	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.102	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Buttaiguddem x TO Muppanapally x-200mm dia Pipe line, which falls under Eturnagaram WLM for a length of 926.89 m and with a trench width of 1.1 m and the total area required is0.102Hectares. 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 from R&B or PR Department and submitted.



7	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.013	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Boruguddem x TO Boruguddem OHSR-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 191.315 m and with a trench width of 0.7 m and the total area required is 0.013 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 from R&B or PR Department and submitted.
8	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.069	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Muppanapally x TO Boruguddem x-200mm dia Pipe line, which falls under Eturnagaram WLM for a length of 631.502 m and with a trench width of 1.1 m and the total area required is 0.069 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 from R&B or PR Department and submitted.
9	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.014	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Buttaiguddem x TO kothur village x-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 206.918 m and with a trench width of 0.7 m and the total area required is 0.014 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 from R&B or PR Department and submitted.
10	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.146	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Boruguddem x TO Chityala X-160mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1323.851 m and with a trench width of 1.1 m and the total area required is 0.146 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 from R&B or PR Department and submitted.
11	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.032	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kannsigudem X TO Gurrevula X-140mm dia Pipe line, which falls under Eturnagaram WLM for a length of 287.35 m and with a trench width of 1.1 m and the total area required is 0.032 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 from R&B or PR Department and submitted.
12	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.018	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Buttaiguddem x TO kothur village x-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 252.768 m and with a trench width of 0.7 m and the total area required is 0.018 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 from R&B or PR Department and submitted.
13	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.047	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM kothur village x TO kothur ohsr-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 671.25 m and with a trench width of 0.7 m and the total area required is 0.047 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 from R&B or PR Department and submitted.
14	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.033	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Chityala X TO kannsigudem x-140mm dia Pipe line, which falls under Eturnagaram WLM for a length of 295.607 m and with a trench width of 1.1 m and the total area required is 0.033 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 from R&B or PR Department and submitted.


15	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.089	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Muppanapally x TO muppanapally ohsr x-140mm dia Pipe line, which falls under Eturnagaram WLM for a length of 811.512 m and with a trench width of 1.1 m and the total area required is 0.089 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 from R&B or PR Department and submitted.
16	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.006	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Gurrevula x TO Gurrevula ohsr-75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 80.521 m and with a trench width of 0.7 m and the total area required is 0.006 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 from R&B or PR Department and submitted.
17	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.007	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Muppanapally x TO muppanapally ohsr-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 93.057 m and with a trench width of 0.7 m and the total area required is 0.007 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 from R&B or PR Department and submitted.
18	2	WARANGAL NORTH	ETURANGARAM -WILDLIFE	0.195	The Structure comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). is proposed to construct between sump ta Kannaiahgudem TO sump construction which falls under Eturnagaram WLM (Eturnagaram -Tadvai), the total area required is 0.195 Hectares. There is no other alternate location as the ground levels are not permitting as per Hydraulic design. Proposed construction is only the feasible location .	
		<b>Total</b>		<b>1.784</b>		

  
 Superintending Engineer  
 TDWSP, Circle, Warangal

  
 Chief Engineer,  
 TDWSP, Hyderabad.

Location wise Justification in the Forest Area (Segment -20-3 -ETURUNAGARAM )-SET 3						
FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURUNAGARAM SEGMENT-20/3."						
SLNo	Set No	Division	Reserve forest Name	Area proposed for diversion	Justification	Remarks
1	3	WARANGAL NORTH	ETURUNAGARM -WILDLIFE	0.685	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Singaram x to chintagudem X and TO Chintaguddem to Buttaigudem x-225mm dia Pipe line, which falls under Eturnagaram WLM for a length of 6223.607 m and with a trench width of 1.1 m and the total area required is0.685Hectares. 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 from R&B or PR Department and submitted.
2	3	WARANGAL NORTH	ETURUNAGARM -WILDLIFE	0.240	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kanthenpally X TO Kanthanpally OHSR -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3424.395 m and with a trench width of 0.7 m and the total area required is0.24Hectares. 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 from R&B or PR Department and submitted.
3	3	WARANGAL NORTH	ETURUNAGARM -WILDLIFE	0.919	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Kanthanpally x to Etur X and TO Etur X to Singaram X-250mm dia Pipe line, which falls under Eturnagaram WLM for a length of 6125.054 m and with a trench width of 1.5 m and the total area required is0.919Hectares. 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 from R&B or PR Department and submitted.
		Total		1.844		

  
 Superintending Engineer  
 TDWSP,Circle,Warangal

"Counter Signed"  
  
 Chief Engineer,  
 TDWSP,Hyderabad.



Location wise Justification in the Forest Area (Segment -20-3 -ETURNAGARAM )-SET 4						
FOR THE WORK "TELANGANA DRINKING WATER SUPPLY PROJECT for Laying Pipe Line and construction of other structures for providing safe Drinking Water in Mulugu Constituency of WARANGAL DISTRICT ETURNAGARAM SEGMENT-20/3."						
Sl.No	Set No	Division	Reserve forest Name	Area proposed for diversion in Hectares	Justification	Remarks
1	4	WARANGAL NORTH	ETURNAGARAM-WILDLIFE	0.205	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Mullakata x TO Rampur x-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2926.606 m and with a trench width of 0.7 m and the total area required is0.205Hectares. 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 from R&B or PR Department and submitted.
2	4	WARANGAL NORTH	ETURNAGARAM-WILDLIFE	0.115	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Buttaram x TO ekkala x-140mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1046.124 m and with a trench width of 1.1 m and the total area required is0.115Hectares. 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 from R&B or PR Department and submitted.
3	4	WARANGAL WLM	ETURNAGARAM-WILDLIFE	1.090	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM kondai sump TO Ailapur ohsr-75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 9904.62 m and with a trench width of 1.1 m and the total area required is1.09Hectares. 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 from R&B or PR Department and submitted.
4	4	WARANGAL NORTH	ETURNAGARAM-WILDLIFE	0.757	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Roheer TO Chapaka-450mm dia Pipe line, which falls under Eturnagaram WLM for a length of 5044.119 m and with a trench width of 1.5 m and the total area required is0.757Hectares. 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 from R&B or PR Department and submitted.
5	4	WARANGAL NORTH	ETURNAGARAM-WILDLIFE	0.034	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Chalpaka X TO Yelishettipally -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 489.357 m and with a trench width of 0.7 m and the total area required is0.034Hectares. 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 from R&B or PR Department and submitted.
6	4	WARANGAL NORTH	ETURNAGARAM-WILDLIFE	0.367	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM buttaram x TO ekkala x-450mm dia Pipe line, which falls under Eturnagaram WLM for a length of 2447.789 m and with a trench width of 1.5 m and the total area required is0.367Hectares. 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 from R&B or PR Department and submitted.
7	4	WARANGAL NORTH	ETURNAGARAM-WILDLIFE	0.239	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Project office X TO Chinnaboinapally sump-450mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1593.433 m and with a trench width of 1.5 m and the total area required is0.239Hectares. 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 from R&B or PR Department and submitted.



8	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.012	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Buttaram x TO Buttaram ohsr-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 165.926 m and with a trench width of 0.7 m and the total area required is 0.012 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 from R&B or PR Department and submitted.
9	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.984	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Rohher sump TO kanthanpally ohbr x -500mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3278.966 m and with a trench width of 3 m and the total area required is 0.984 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 from R&B or PR Department and submitted.
10	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.250	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM knthanpally TO etur-300mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1665.414 m and with a trench width of 1.5 m and the total area required is 0.25 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 from R&B or PR Department and submitted.
11	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.081	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Gurrampeta x TO Mullakattaa x -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1158.984 m and with a trench width of 0.7 m and the total area required is 0.081 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 from R&B or PR Department and submitted.
12	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.023	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Mullakata x TO mullakatta ohsr -63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 322.808 m and with a trench width of 0.7 m and the total area required is 0.023 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 from R&B or PR Department and submitted.
13	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.380	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Mullakata x TO mullakatta ohsr -110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 3458.352 m and with a trench width of 1.1 m and the total area required is 0.38 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 from R&B or PR Department and submitted.
14	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.139	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM ekkala x TO ekkala-110mm dia Pipe line, which falls under Eturnagaram WLM for a length of 1265.329 m and with a trench width of 1.1 m and the total area required is 0.139 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 from R&B or PR Department and submitted.
15	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.040	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM Shankarrajapally TO gurrempaeta x-63mm dia Pipe line, which falls under Eturnagaram WLM for a length of 576.714 m and with a trench width of 0.7 m and the total area required is 0.04 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 from R&B or PR Department and submitted.
16	4	WARANGAL NORTH	ETURNAGARAM- WILDLIFE	0.003	The proposed pipeline comes under segment 20/3 of TDWSP (Telangana Drinking Water Supply Project). Part of pipeline is proposed FROM shapally TO shapally sc colony-75mm dia Pipe line, which falls under Eturnagaram WLM for a length of 46.749 m and with a trench width of 0.7 m and the total area required is 0.003 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 from R&B or PR Department and submitted.