

FIELD INSPECTION NOTES OF SRI. B. SRINIVAS, I.F.S., DIVISIONAL FOREST OFFICER, HYDERABAD (T) ON DIVERSION OF FOREST LANDS FOR LAYING OF PIPELINES AND CONSTRUCTION OF STRUCTURES IN SEGMENT-7 UNDER TELANGANA DRINKING WATER SUPPLY PROJECT IN FAVOUR OF SUPERINTENDENT ENGINEER, RWS&S, TDWSP CIRCLE, HYDERABAD.

Inspected the proposed forest areas for diversion of 12.23 Ha. forest land in **Hyderabad Division** for laying of pipelines for supply safe drinking water and construction of structures in **Segment-7** under Telangana Drinking Water Supply Project in favour of Superintending Engineer, RWS& S, TDWSP Circle, Hyderabad which is passing through the Reserved Forests of this division as detailed below;

I-Hyderabad (South) Range:

1. Gummadvelly RF (S 02): I have inspected the site on 03-06-2016. The pipeline enters the RF area at the LATLONGs 17.10184 & 78.56223 and runs in southern side to a distance of 720 Mts and leaves the RF at 17.09550 & 78.56348. The Forest type is Southern Dry deciduous Forest with dominant species like Sandra (Acacia catechu), Narlinga (Albizia amara), Gumpena (Lannea grandis) and important fauna is Hare, peafowl, and variety of avifauna.
2. Thummalur & Padamatikancha RF (S 03): I have inspected the site on 3-6-2016. The pipeline enters the RF area at the LATLONGs 17.141649 & 78.47854 and runs roughly southern side up to distance of 620 Mts and leaves the RF at 17.13606 & 78.47805. the Forest type is Southern Dry deciduous Forest with dominant species like Narlinga (Albizia amara), old seed origin left over trees of Nilagiri plantation (Eucalyptus), Manga (Randia dumetorum), Nelavemu (Andrographis paniculata), Danti (Gymnosporia Montana), Tuniki (Diospyros melanoxylon) and important fauna is peacock, Wild boars & Hares and other avifauna.
3. Srinagar RF (S 04): I have inspected the site on 3-6-2016, The pipeline enters the RF area at the LATLONGs 17.17112 & 78.47428 (28 No ID) and runs towards North and runs to a distance of 1.676 Kms and leaves the RF at ID No. 19 i.e 17.18619 & 78.47461 and another line starts at the and ID point No. 15 (17.18549 & 78.47451) and runs towards East to a distance of 0.25

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Kms and leaves the RF at 17.18436 & 78.47649. The Forest type is Southern Dry deciduous Forest with dominant species like Narlinga(*Albizia amara*), Manga (*Randia dumetorum*), Nela vemu , Danti (*Gymnosporia Montana*), Tuniki(*Diospyros melanoxylon*) and important fauna is Wild boar, Hares & peafowl etc.

4. Masjidgadda RF (S 05): I have inspected the site on 3-06-2016. The pipeline enters the RF area at the ID No. 43 of DGPS survey at LATLONGs 17.20318 & 78.45150 and runs towards western side and turn towards South at point No.44 at LATLON of 17.20297 & 78.43685 up to distance of 1.909 KMs totally and leaves the RF at ID NO. 48 and LATLON of 17.19981 & 78.43694. The User agency is proposing to construct one HW for OHBR, Sump, Pump House in an area of one Hectare. The proposed area is in North-west corner of the RF. The Forest type is Southern Dry deciduous Forest with dominant species like Sandra (*Acacia catechu*), Planted Nilgiri(*Eucalyptus* Narlinga(*Albizzia amara*), Seethaphal(*Annona Squamosa*), Illintha(*Diospyros Chloroxylon*), Pulivayal(*Dodonaea viscosa*) and important fauna is Wild Boar, hare, Jungle cat and peafowl etc
5. Nagaram RF (S 06): I have inspected the site on 03-06-2016. The pipeline enters the RF area at ID No. 49 i.e at the LATLONG 17.17411 & 78.40751 and runs towards east and turns towards northern side at point ID No.51 up to distance of 0.582 KMs and leaves the RF at ID No. 52 i.e 17.17710 & 78.41011. The Forest type is Southern Dry deciduous Forest with dominant species like Seethaphal (*Annona Squamosa*), Manga(*Randia Dumetorum*), Danti(*Celastrus Senegalensis*) Pulivayal (*Dodonaea viscosa*), Ullintha (*Diospyros Chroloxylon*) and important fauna is peacock, Wild boars & Rabbits.
6. Dadpally RF (S 08): I have inspected the site on 8-6-2016. The pipeline enters the RF area at ID No 61 i.e at the LATLONG 17.04930 & 78.72282 and runs towards south and turns eastern side and then again turns towards south-East side upto distance of 1.348 KMs totally and leaves the RF at ID

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NO.72 i.e LATLONG of 17.04329 & 78.73162. The Forest type is Southern Dry deciduous Forest with dominant species like Satin or Billudu(*Chloroxylon Swietenia*), Tiruman(*Anogeissus latifolia*), Ullintha(*Diospyros Chloroxylon*) Manga (*Randia dumetorum*) and important fauna is peacock, Wild boars & hares & common snakes.

7. Gungal RF (S 09): I have inspected the site on 08-06-2016. There are two bits of pipeline in this RF. First pipeline enters the RF area at the ID Point No. 77 i.e at LATLONG 17.0999 & 78.64537 and runs towards Eastern side and take turn towards North West and again turns towards North side to distance of 2.009 K. Mts and leaves the RF at ID point 73 i.e at 17.10801 & 78.65864. And another pipeline enters the RF area at ID No. 79 i.e the LATLONG 17.09513 & 78.66478 and runs towards south at a distance of 2.314 K.Mts and leaves the RF at ID No. 80 i.e 17.07698 & 78.66536 . Forest type is Southern Dry deciduous Forest with dominant species are Planted Nilagiri(*Eucalyptus*), Teak(*Tectona grandis*), Ullintha(*Diospyros Chloroxylon*), Rose wood(*Dalbergia latifolia*), Nalla Maddi(*Terminalia alata*, Tiruman(*Anogeissus latifolia*) and important fauna is peacock, Wild boars, Fox & Hare .
8. Japal RF (S 10): I have inspected the site on 08-06-2016. The pipeline enters the RF area at ID No.83 i.e at the LATLONG 17.08686 & 78.72639 and runs towards south east at a distance of 0.779 K.Mts and leaves the RF at ID.No.88 and LATLONG 17.08366 & 78.73257. the Forest type is Southern Dry deciduous Forest with dominant species like Satin(*Chloroxylon swietenia*), Tiruman(*Anogeissus latifolia*) Poliki(*Givotia rottleriformis*) Narlinga(*Albizzia amara*), Soppera(*Dalbergia paniculate*), Teak(*Tectoma grandis*) and important fauna is peacock, Wild boars & Hares.
9. Manchal RF(S-11): I have inspected the site on 08-06-2016. The pipeline enters the RF area at ID No. 89 i.e the LATLONG 17.12953 & 78.69728 and runs towards south east to a distance of 1.775 K.Mts and leaves the RF at ID.No. 99 i.e at LAT LONG 17.12366 & 78.71256. The Forest type is

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Southern Dry deciduous Forest with dominant species like Sandra (Acacia catechu), Narlinga (Albizzia amara), Tiruman (Anogeissus latifolia) and important fauna is wild Boar, Monitor lizard, Hares and peafowl.

10. Nomula RF (S 12): I have inspected the site on 08-06-2016. The pipeline enters the RF area at ID No. 101 i.e. at the LATLONG 17.14922 & 78.66764 and runs towards north-western side up to distance of 0.924 K.Mts and leaves the RF at ID NO. 103 i.e. at 17.15653 & 78.66361. The Forest type is Southern Dry deciduous Forest with dominant species like Sandra (Acacia catechu), Planted Sissoo (Dalbergia Sissoo), Chinta (Tamarindus Indica), Tani (Terminalia bellerica), Billidu (Chloroxylon Swietenia), Nemilina (Holoptelia integrifolia) and important fauna is Wild Boar, Mongoose, Hare and Monitor lizard, peafowl etc.,.
11. Chittapur Kancha RF (S 13): I have inspected the site on 08-6-2016. The pipeline enters the RF area at the LATLONG 17.18191 & 78.76293 and runs towards south-east up to a distance of 0.834 K.Mts and leaves the RF at 17.17912 & 78.77001. The Forest type is Southern Dry deciduous Forest with dominant species like Billidu (Chloroxylon Swietenia), Narlinga (Albizzia amara), Rela (Cassia fistula) and important fauna is wild Boar, hares, fox, Jackal, peafowl, Partridges and other avifauna.
12. Ibrahimpatnam RF (S 14): I have inspected the site on 08-6-2016. The pipeline enters the RF area at the LATLONG 17.19283 & 78.66672 and runs towards North-Eastern side in zig zag manner up to distance of 1.957 K.Mts and leaves the RF at 17.19551 & 78.68342. The Forest type is Southern Dry deciduous Forest with dominant species like Sandra (Acacia catechu), Neem (Azadirachta Indica), Narlinga (Albizzia amara), Tangedu (Senna auriculata) and important fauna is Hares, Quails & peafowl.

II-Hyderabad (North) Range:

1. Kiwadpally RF (S 15): I have inspected the site on 9-6-2016. The pipeline enters the RF area at the LATLONG 17.33681 & 78.68732 and runs towards

west to distance of 2.243 K.Mts and leaves the RF at 17.33638 & 78.68287. The Forest type is Southern Dry deciduous Forest with dominant species like Narlinga(*Al. amara*), Bitlugu(*Chl. Swietenia*), Danti(*Gy. montana*), Ullintha(*Di. Chloroxylon*), Teak, Sandra(*A. Chundra*), Gumpena(*L. grandis*) and important fauna is Mongoose, Hare, Wild boar, peafowl etc.

III-Hyderabad (Central) Range:

1. Domnair RF (S 07): I have inspected the site on 9-6-2016. The pipeline enters the RF area at the LATLONG 17.28252 & 78.36874 and runs towards South-East side to distance of 0.712 K.Mts and leaves the RF at 17.27764 & 78.37292. The Forest type is Southern Dry deciduous Forest with dominant species like Rela(*Cassia fistula*), Danti(*Calastrus Senegalensis*), Manga (*Randia dumetorum*) etc and important fauna is Hare, Partridges & peafowl and variety of avifauna.
2. Mudimyal RF (S 16): I have inspected the site on 9-6-2016. There are two bits. The first pipeline enters the RF area at the LATLONG 17.31237 & 78.17247 and runs towards south-east and turn towards North-East side to distance of 4.494 K.Mts and turns towards North-west side upto distance of 0.537 KMs and leaves the RF at LATLONGs 17.32330 & 78.20594. Second pipeline starts from the from the first pipeline at ID No. 153 i.e at LATLON 17.30691 & 78.18265 and run towards South Western side to a distance of 1.043 KMs and leaves the RF at 17.29869 & 78.17785. The Forest type is Southern Dry deciduous Forest with dominant species like Maddi(*Terminalia tonentosa*), Pala kodisha(*Wrightia tinctoria*), Danti (*Calastrus Senegalensis*), Chennangi (*Lagerstroemia parviflora*), Tangedu (*Cassia auriculata*) and important fauna is Hare, Bush quails and peafowl & othe avi fauna.

IV-Vikarabad Range:

1. Barwad RF (S 01 & 49): I have inspected the site on 10.6.2016. There are five bits in this RF. The first pipeline enters the RF area at the LATLONG 17.459214 & 77.804496 and runs towards east and turns towards north-east side to a distance of 1.264 K.Mts and leaves the RF at 17.46234 & 77.81427. The

second pipeline enters the RF at 17.47928 & 77.82394 and runs towards western side and leaves the RF at 17.48108 & 77.80229. The third pipeline starts at ID point No.1162 of Bit two Pipeline at LATLON 17.47884 & 77.81799 and runs towards south east and leaves the RF at 17.47144 & 77.80767. The fourth one starts from ID Point 1198 i.e LATLON 17.47928 & 77.82394 runs towards North west and leaves the RF at 17.48466 & 77.82076. The fifth bit pipeline enters the RF at 17.48830 & 77.81946 runs towards North in zigzag manner and leaves the RF at 17.49589 & 77.81890. Thus, the total length covered by these four bits i.e second to fifth bits is 5.907 KMs.

The Forest type is Southern Dry deciduous Forest with dominant species like Teak(*Tectoma grandis*), Thirman (*Anogeissus latifolia*), Nalla Maddi(*Terminalia tomentosa*) and important fauna is Hare, peafowl, and variety of avifauna.

2. Kandlapally RF(S 17): I have inspected the site on 09.6.2016. The pipeline enters the RF area at the LATLONG 17.30230 & 78.00431 and runs towards east and moves towards north-east and then turns towards south-east up to distance of 1.936 K.Mts and leaves the RF at 17.29836 & 78.01920. The Forest type is Southern Dry deciduous Forest with dominant species like Sandra (*Acacia catechu*), Chennangi(*Lagerstroemia Parviflora*), Moduga, Ponna and important fauna is Wild boars, Monitor lizard, fox and peafowl and Grey partridges.
3. Dornal-I & Dornal-II RF (S 31): I have inspected the site on 10.6.2016. There are two bits in these two blocks. The first pipeline enters the RF area at the LATLONG 17.26432 & 77.76687 and runs towards west side and leaves the RF at 17.26482 & 77.76376 and again re enters into RF at 17.26570 & 77.75806 and runs towards West upto tri-junction point at 17.26554 & 77.75599 and turns towards south east and leave the RF at 17.25002 & 77.74087. The second pipeline enters at LATLONG 17.26652 & 77.75562 and pipe line runs towards south-east side upto tri-junction point and turns towards south and leaves the RF at 17.26017 & 77.75538 and pipeline again re-enters into RF at 17.23733 & 77.75472 and pipe line runs towards south and leaves the RF at :17.26477 & 77.75633 and again re-enters the RF at

17.26071 & 77.75967 and finally leaves the RF at LATLON 17.43727 & 77.75969. The total length of pipe line runs in the forest area is 6.940 K.Mts. the Forest type is Southern Dry deciduous Forest with dominant species like Nalla maddi(*Terminalia alata*), Chennangi(*Lagerstroemia Parviflora*), Moduga, Ippa (*Madhuka Indica*), Teak (*Tectoma grandis*) and important fauna is Spotted Deer, Wild boar, Monitor lizard, Jackal, Hare and peafowl & other avifauna.

4. Dharur RF (S 32): I have inspected the site on 10.6.2016. There are two bits in this RF. First bit pipeline enters the RF area at the LATLONG 17.27940 & 77.75535 and runs towards North west and then towards west side and leaves the RF at 17.27982 & 77.75126. Thus, the total length of pipeline in this bit is 0.789 KMs. The second pipeline bit enters the RF at 17.28908 & 77.75530 and runs towards west and turns North and then turns East side to distance of 1.54 K.Ms and leaves the RF at 17.29013 & 77.75593. The Forest type is Southern Dry deciduous Forest with dominant species like Ippa (*Madhuka Indica*), Chennangi (*Lagerstroemia Parviflora*) & and important fauna is Wild boar, Hare, Peafowl, Quails and snakes.
5. Rasnam RF (S 33): I have inspected the site on 10.6.2016. The pipeline enters the RF area at the LATLONGs 17.24043 & 77.73074 and runs towards south-west side and then turns to west side and again turns to south-west up to distance of 0.96 KMs and leaves the RF at 17.23771 & 77.72407 and again the pipeline enters into RF at 17.23486 & 77.71778 and runs towards south and south-west side and leaves RF at 17.23304 & 77.714323. The pipeline runs over a distance of 0.45 KMs in this bit and in this RF. The Forest type is Southern Dry deciduous Forest with dominant species like Nalla Maddi(*Terminalia alata*), Teak (*tectona grandis*), Somi(*Soymida febrifuga*), Ippa (*Madhuka Indica*) and important fauna is Spotted Deer, Four horned antelope, Wild boar, Peafowls etc.
6. Kamalapur-I RF (S 34): I have inspected the site on 10.6.2016. There are two bits of pipeline in this RF. The first pipeline enters the RF area at the LATLONG 17.23710 & 77.69939 and runs towards north and then North-west side and

then turns to North East and then again towards North-west up to point ID Point 588 (17.26845 & 77.68196) and then turns to south-west side totally runs a distance of 4.37 K.Ms. and leaves the RF at 17.26735 & 77.68048. The Second pipeline starts at the ID point No. 591(17.25479 & 77.69041) of first pipeline and runs towards east side towards Bhanapur village upto a distance of 0.521 KMs and leaves the RF at 17.25479 & 77.69527. The Forest type is Southern Dry deciduous Forest with dominant species like Teak(*Tectona grandis*), Tani(*Terminalia Coriacea*),Thoppera, Nalla Maddi (*Terminalia alata*), Chikreni (*Albizzia amara*), Illinta (*Diospyros tomentosa*), Rela (*Cassia fistula*) and important fauna is Spotted Deer, four horned antelope(rare sighting),Wildboar, Monitor lizard and Peafowl.

7. Rasnam-I RF (S 35): I have inspected the site on 10.6.2016. There are two bits of Pipeline. The first and main pipeline enters the RF area at the LATLONG 17.25839 & 77.72924 and runs towards north-west direction and then to Northern direction to a distance of 0.971 KMs and leaves the RF at 17.26408 & 77.72354 and again re enters in the RF at LATLONG 17.26701 & 77.72217 and runs towards north and North-West up to a distance of 1.928 KMs and reaches the end point at LATLONG 17.28024 & 77.71324. Further, the second bit pipeline starts at ID No. 635 (17.27724 & 77.71743) and runs towards north east side upto a distance of 0.285 KMs and reaches the ending point at LATLONG 17.27913 & 77.71946. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (*Tectona grandis*),Nalla Maddi(*Terminalia alata*), Chirimanu(*Terminalia Paniculata*), Marri(*Ficus benghalensis*),Chinta(*Tamarindus Indica*),Kanuga(*Derris Pinnata*) and important fauna is Spotted deer, wild boar , Peafowl etc.
8. Nagasamunder & Dharur RF(S 36): I have inspected the site on 10-06-2016. There are three bits in these two RFs. The first and main pipeline enters the RF area at the LATLONG 17.31135 & 77.76683 and runs towards west direction up to distance of 4.909KMs and leaves the RF at 17.31450 & 77.72531. In this section, from Starting point to ID No.705 with LATLONG 17.30677 & 77.73775, it is proposed to lay two pipes in the same trench. The second pipeline starts at the ID point No 768 with LATLONG 17.31017 & 77.75258

and runs towards north west direction upto a distance of 740 mts and leaves the RF at LATLONG 17.31562 & 77.74871. Another line which starts at ID NO. 709 with LATLONG 17.31414, 77.72790 runs towards south west direction at a distance of 386 mts and leaves the RF 17.31213 & 77.72496. The Forest type is Southern Dry deciduous Forest with dominant species like Ippa (Madhuka Indica), Triman (Anoggeissus latifolia), Teak (Tectoma Grandis) and important fauna is spotted Deers, Wild pigs, Peacocks.

9. **Regondikondapur RF (S 37):** I have inspected the site on 10-6-2016. There are two bits of pipeline in this RF. The bit-1 pipeline enters the RF area at the LATLONG 17.30616 & 77.70934 and runs towards south and turns towards South-East and leaves the RF 17.30260 & 77.71076 and again re enters into the RF at 17.30107 & 77.71080 and runs towards south and leaves the RF at 17.29767 & 77.71081 and the pipeline runs towards south outside the RF and turns towards South-west and again re enters into RF at 17.29465 & 77.70830 and runs towards South-west and leaves the RF at 17.29169 & 77.69822. Another line, i.e Bit-2 enters into the RF at 17.30376 & 77.68306 and runs towards south west and in zig-zag manner and ends in the RF at 17.29512 & 77.68072. The entire stretch covers a distance of 3.165 KMs. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (Tectona Grandis), Moduga (Butea monosperma), Chennangi (Lagerstromia parviflora), Nemalinara (Holoptelia integrifolia) and important fauna is Wild pigs, Fox, Hares & Snakes, & Peacocks.
10. **Nagasamunder RF (S 38):** I have inspected the site on 10-6-2016. The pipeline enters the RF area at the LATLONG 17.32420 & 77.76879 and runs towards north west direction and leaves the RF at 17.325212 & 77.76773. Again the pipe line enters into the RF at 17.33484 & 77.75878 and runs towards north and then turns towards west directions up to a distance of and leaves the RF 17.34510 & 77.73615. The total length of pipeline traversed in the forest is 5.174 KMs. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (Tectoma grandis), Thiruman (Anoggeissus latifolia), Nalla maddi (Terminalia alata), Ippa (Madhuka Indica), Chennangi (Lagerstroemia

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parviflora) and important fauna is Spotted deer, Wild pigs, Jackal, fox, hare, Snakes, Peacocks and other avifauna.

11. Ananthagiri RF (S 45): I have inspected the site on 10-06-2016. The pipeline enters the RF area at the LATLONG 17.30995 & 77.8864 and runs towards south-west side and then turns towards North-west, thus by traversing a distance of 6.267 KMs and leaves the RF at 17.31033 & 77.84572. The Forest type is Southern Dry deciduous Forest with dominant species like Thiruman (*Anogeissus latifolia*), Billudu (*Chloroxylon Swietenia*), Teak (*Tectoma grandis*), Moduga (*Butea monosperma*), Palakodesa (*Writia tinctoria*), Nalla maddi (*Terminalia tomentosa*), Ippa (*Madhuka Indica*), Tani (*Terminalia bellerica*) etc and important fauna is; Spotted deer, Wildboar, Four horned antelope, Foxes, Hares, Monitor lizard, snakes & pea fowl etc.
12. MunoorSomaram RF & Girgitpally (S 46): I have inspected the site on 10-6-2016. There are two bits of pipeline. The first pipeline enters into the RF area at the LATLONGs 17.35543 & 77.87071 and runs towards North-western side and after some distance turns towards west and leaves the RF at 17.35816 & 77.85538. The distance of pipeline in this bit is 1.79 KMs. Another line enters into the RF at the LATLONGs 17.35517 & 77.85135 and runs towards west and leaves the RF then turns towards North-West and ends at 17.35576 & 77.84754 i.e after traversing a distance of 0.428 KMs. The Forest type is Southern Dry deciduous Forest with dominant species like Thirman (*Anogeissus latifolia*), Maddi (*Terminalia tomentosa*), Palakodesha (*Wrightia tinctoria*) Manga (*Randia dumetorum*), Danti (*Celastrus Senegalensis*) etc., and important fauna is Spotted Deer, Wildboar, Jackal, Hares and peafowl and other avifauna etc.
13. Ekmamidi RF (S 47): I have inspected the site on 10-6-2016. The pipeline enters the RF area at the LATLONG 17.40998 & 77.89721 and runs towards north-west direction up to distance of 1.3 KMs and leaves the RF at 17.420788 & 77.89297. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (*Tectoma grandis*), Thiruman (*Anogeissus latifolia*), Somi (*Soyimida febrifuga*), Yegisa (*Pterocarpus marsupium*), Chennangi (*Lagerstroemia parviflora*), Moduga (*Butea monosperma*),

Vepa(*Azadirachta indica*) etc., and important fauna is wild boar, Hare & Pea fowl etc.

14. Madanpally RF (S 48): I have inspected the site on 10-6-2016. There are two bits in this RF. The first pipeline enters the RF area at the LATLONGs 17.39086 & 77.84970 and runs towards west up to distance of 3.461 KMs and leaves the RF at 17.39528 & 77.81808. Another bit of pipe line enters into the RF at 17.39620 & 77.85152 and runs towards north and then turns towards North-west direction and then again turns towards north-east upto a distance of 2.850 KMs and leaves the RF 17.41549 & 77.85483. The Forest type is Southern Dry deciduous Forest with dominant species like Moduga(*Butea monosperma*), Nalla maddi(*Terminalia tomentosa*), Palakodisa(*Writia tinctoria*), Ippa(*Madhuca indica*), Tani(*Terminalia bellerica*) and important fauna is Wild boar, fox, peafowl etc.

V-Tandur Range:

1. Juntupally-& Juntupally-I RF (S 39): I have inspected the site on 24-6-2016. The pipeline enters the RF area at the LATLONGs 17.16376 & 77.56196 and runs towards South-East up to some in zig zag manner upto a distance of 2.428 KMs and leaves the RF at 17.1517 & 77.57432. Again the pipeline reenters in to the RF at 17.14341 & 77.57616 and runs towards south-east direction and then turns towards south to a distance of 0.417 KMs and ends at 17.14001 & 77.57640 i.e at Juntupally Tanda. The Forest type is Southern Dry deciduous Forest with dominant species like Moduga(*Butea monosperma*), Narlinga (*albizia amara*) Manga (*Randia dumetorum*), Danti(*Gymnosporia montana*) Tangedu(*cassia auriculata*) and important fauna is Wild boar, Fox, Hare & Peafowl.
2. Mailwar RF (S 40 & 41): I have inspected the site on 10-6-2016. There are two bits(Stretches) of pipeline. The first one pipeline enters into the RF area at the LATLONG 17.12278 & 77.46265 and runs towards south-west and turns north-west direction to distance of 0.633 KMs and ends in Ismailpur Tanda, in the RF at 17.12296 & 77.45740. Another bit of pipeline enters into the RF at 17.17323 &

77.43712 and runs towards South-west and leaves the RF at 17.16911 & 77.43599 and again re enters in to the RF at 17.17689 & 77.43405 and runs towards south-west and leaves the RF at 17.15980 & 77.43130. The distance covered by this pipeline in the RF is 1.117 KMs. The Forest type is Southern Dry deciduous Forest with dominant species like Moduga(*Butea monosperna*), Narlinga(*Albizzia amara*), Illintha (*Diospyros chloroxylon*) and important fauna is Konda gore(Four Horned antelope), Jackal, Wild boar, Fox, Porcupine, Hare, Monitor lizard, Peafowl and other avifauna.

3. Gingurthi RF (S 42): I have inspected the site on 24-6-2016. There are two stretches or Bits if pipeline in this RF. The pipeline enters the RF area at the LATLONG 17.41088 & 77.62525 and runs towards south-west side up to distance of 2.591 Km and ends in the RF at 17.39145 & 77.61335 i.e at Athukur Tanda. Second pipe line enters into the RF area at the LATLONGs 17.36765 & 77.55165 and runs towards North side up to distance of 0.870 KMs and leaves the RF at 17.37545 & 77.55179. The Forest type is Southern Dry deciduous Forest with dominant species like Ippa(*Mudhuka Indica*), Teak(*Tectona grandis*), Nalla maddi(*Terminalia Tomentosa*), Billudu(*Chloroxylon Swietenia*), Morli(*Buchanania lanzan*), Nalla Maddi(*Terminalia alata*), Chirimanu (*Terminalia paniculata*) and important fauna is Four Horned antelope, Wild boars, Jackal, Fox, Mongoose, Monitor lizard, snakes and peafowl and other avifauna.

4. Adikcherla RF (S 43): I have inspected the site on 24-6-2016. The pipeline enters the RF area at the LATLONG 17.42500 & 77.53959 and runs towards north-east to distance of 0.373 KMs and leaves the RF at 17.42784 & 77.54144. The Forest type is Southern Dry deciduous Forest with dominant species like Gumpene(*Lannea grandis*), Yepa(*Azadiractha Indica*) and important fauna is Wild boar, Porcupine, Fox, hares, Peafowl and other avifauna.

5. Bantaram RF (Turmamidi) (S 44): I have inspected the site, which is in Turmamidi RF on 24-6-2016. The pipeline enters the RF area at the LATLONGs 17.45096 & 77.70125 and runs towards North-west and then turns towards North-East and

again turns towards North-west and turns towards west side and leaves the RF at 17.46712 & 77.68767. Thus, the pipeline traverses a distance of 2.637 KMs inside the Forest. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (*Tectoma grandis*), Chennangi (*Lagerstroemia parviflora*), Sandra (*Acacia sundra*), Danti (*Celastrus senegalensis*) and important fauna is Wild boar, Porcupine, Fox, hares, Peafowl and other avifauna.

VI-Mohammadabad Range:

1. Naskal RF (S 18): I have inspected the site on 25-6-2016. The pipeline enters the RF area at the LATLONG 17.24022 & 77.95778 and runs towards north and turns towards west and again moves towards North-west and then turn towards West and ends near boundary at 17.247072 & 77.95208. The pipeline traverses a distance of 1.425 KMs. Inside the RF. The Forest type is Southern Dry deciduous Forest with dominant species like Nalla Maddi (*Terminalia alata*), Ippa (*Madhuka Indica*), Thiruman (*Anoggeissus latifolia*), Teak (*Tectona grandis*), Chennangi (*Lagerstroemia Parviflora*) and important fauna is; Spotted deer, Four Horned antelope, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.
2. Tirmalapur RF (S 19): I have inspected the site on 25-6-2016. The pipeline enters the RF area at the LATLONGs 17.23380 & 77.94346 and runs towards North-west and then turn towards west and again runs towards North and leaves the RF at 17.23649 & 77.93693. Further, another pipeline starts at ID No. 193 with LATLONG 17.23418 & 77.94220, pipe line runs towards north and leaves the RF at 17.23752 & 77.94263 i.e at Tirmalapur village. The total length of the pipe line runs in this RF is 1.280 KMs. The Forest type is Southern Dry deciduous Forest with dominant species like Nalla Maddi (*Terminalia alata*), Ippa (*Madhuca Indica*), Thiruman (*Anoggeissus latifolia*), Teak (*tectona grandis*), Chennangi (*Lagerstroemia Parviflora*) and important fauna is Spotted deer, Four Horned antelope, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.

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3. Mujahidpur-II RF (S 20): I have inspected the site on 25-06-2016. There are three stretches/bits of pipeline in this RF. The pipeline enters the RF area at the LATLONG 17.08403 & 77.93619 and here it splits into two lines one will run towards North-west and then west side and leaves the RF at 17.08588 & 77.92728. The second split line runs towards south side and ends inside the RF at 17.07662 & 77.93435. The total length of two pipelines is 2.00KMs. Another line enters into the RF area at the LATLONG 17.08075 & 77.91817 and runs towards South and runs to a distance of 0.269 KMs and leaves the RF at 17.07857 & 77.91732. The Forest type is Southern Dry deciduous Forest with dominant species like Chennangi(*Lagerstroemia parviflora*), Teak(*Tectona grandis*), Billudu(*Chloroxylon swietenia*), Thiruman (*Annogeissus latifolia*) and important fauna is Spotted deer, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.
 4. Mujahidpur-I&Kulkacherla RF (S 21): I have inspected the site on 25-6-2016. There two pipeline bits in two RFs. First pipeline enters the Mujahidpur-I RF area at the LATLONG 17.05592 & 77.89011 and runs towards south-eastern side up to distance of 1.133 KMs and leaves the RF at 17.05067 & 77.89913. Another pipeline enters into the Kulkacherla RF area at the LATLONG 17.03425 & 77.88006 and runs towards south and then turns towards east and then turns towards South-east and traverses a total distance of 1.267 KMs and leaves the RF at 17.02830 & 77.88591. The Forest type is Southern Dry deciduous Forest with dominant species like Chennangi(*Lagerstroemia parviflora*), Teak(*Tectona grandis*), Batta Ganapu(*Mitragyna parviflora*), Soppera(*Dalbergia Paniculata*), Nalla Maddi(*Terminalia alata*) and important fauna is Four Horned antelope, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.
 5. Mujahidpur(Tirumalapur RF) (S 22): I have inspected the site on 25-6-2016. The pipeline enters the RF area at the LATLONG 17.00608 & 77.92441 and runs towards north-eastern side up to distance of 0.225 KMs and leaves the RF at

17.00727 & 77.92581. The Forest type is Southern Dry deciduous Forest with dominant species like Chennnangi (*Lagerstroemia parviflora*), Teak (*Tectona grandis*), Batta Ganapu (*Mitragyna parviflora*) and important fauna is Spotted deer, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.

6. Kulkacherla /Mohammadabad RF (S 23): I have inspected the site in Mohammadabad RF in Ananthasagar beat of Mohammadabad Range, on 25-6-2016. The pipeline enters the RF area at the LATLONGs 16.95883 & 77.88955 and runs towards east and moves towards north-East and then turns to East and leaves the RF at 16.96787 & 77.91197. Further at ID NO. 278 with LatLong 16.96122 & 77.89958, one pipeline runs towards north side and leaves the RF at 16.97189 & 77.90074. And from the same point i.e ID No. 278, another pipe line runs towards south and leaves the RF at 16.94885 & 77.90507. The total pipe line in three bits together runs to a length of 5.828 KMs. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (*Tectona grandis*), Chikreni (*Albizia amara*), Billudu (*Chloroxylon Swietenia*), Palakodesha (*Wrightia tinctoria*), Chennnangi (*Lagerstroemia parviflora*), Nalla maddi (*Terminalia alata*) and important fauna is Spotted deer, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.

7. Purusampally RF (S 24): I have inspected the site on 25-6-2016. There are two stretches of pipeline in this RF. The pipeline enters the RF area at the LATLONG 16.96536 & 77.96841 and runs towards southern side and then turns to south-western side and leaves the RF at 16.94759 & 77.95778. Further at ID No. 332 with LATLONG: 16.964574 & 77.96821 the second line begins and runs towards west side and leaves the RF at LAT LON: 16.96382 & 77.96613, traverses a distance of 0.279 KMs in the Forest. The Forest type is Southern Dry deciduous Forest with dominant species like Chennnangi (*Lagerstroemia parviflora*), Maddi (*Terminalia tonentosa*), Somi (*Soyimida febrifuga*), lppa (*Madhuka Indica*), Soppera (*Dalbergia paniculata*) and important fauna is

Spotted deer, Four Horned antelope, Jackal, wild boar, Black naped Hare, Monitor lizard, snakes and Peafowl and other avifauna.

8. Mohammadabad RF(S 25):I have inspected the site in Mohammadabad RF of Kondapur Beat on 25-6-2016. The pipe line enters into the RF at LATLONG: 16.87728 & 77.97502 and runs towards North-west side upto a distance of 0.392 KMs and leaves the RF 16.87820& 77.97147. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (*Tectoma grandis*), Chennangi (*Lagerstroemia parviflora*), Soppera (*Dalbergia paniculata*) Kodisa (*Cleistanthus collinus*) and important fauna is Spotted deer, Four Horned antelope, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.

9. Mohammadabad RF(S 26):I have inspected the site located in Rangamma guda RF on 25-6-2016. The pipe line enters into the RF at LATLONG: 16.88064& 77.91920 runs towards North up to a distance of 1.367KMs and leaves the RF at 16.89114 & 77.91717. The Forest type is Southern Dry deciduous Forest with dominant species like Chennangi (*Lagerstroemia parviflora*), Soppera (*Dalbergia paniculata*), Gumpena (*Lanea coromandelica*), Nalla maddi(*terminalia alata*), Teak(*tectona grandis*) etc and important fauna is Spotted deer, Four Horned antelope, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.

10. Brahmanpally RF (S 28): I have inspected the site in Brahmanapally RF on 25-6-2016. The pipeline enters the RF area at the LATLONG 17.11233 & 77.81346 and runs towards North-West up to distance of 1.212 KMs and leaves the RF at 17.11774 & 77.80404. The Forest type is Southern Dry deciduous Forest with dominant species like Chennangi (*Lagerstroemia parviflora*), Soppera(*Dalbergia paniculata*), Satin(*Chloroxylon Swietenia*) and important fauna is Four Horned antelope, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.

11. Bompally RF (S 29): I have inspected the site on 25-6-2016. The pipeline enters the RF area at the LATLONG 17.11543 & 77.84609 and runs towards north-east up to distance of 1.660 Mts and leaves the RF at 17.12797 & 77.85216. The Forest type is Southern Dry deciduous Forest with dominant species like Chennangi (*Lagerstroemia parviflora*), Eucalyptus, Soppera (*Dalbergia paniculata*), and important fauna is Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.
12. Ibrahimpur-II RF (S 30): I have inspected the site in Ibrahimpur-II RF in Ibrahimpur Beat on 25-6-2016. There are two stretches of pipeline in the RF. The first pipeline enters the RF area at the LATLONG 17.16560 & 77.78839 17.19339 & 77.78845 and runs towards North and leaves the RF at 17.17953 & 77.79014 and re-enters into the RF at LATLONG: 17.19088 & 77.78866 and runs towards North and then moves towards west and leaves the RF: 17.19508 & 77.76909. The second stretch of pipeline starts at ID No.404 with LATLONG enters into the RF at LATLONG 17.17662 & 77.78969 and runs towards West and leaves the RF at 17.17660 & 77.78777. The total length passing through this RF is 4.288KMs. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (*Tectoma grandis*) Chennangi (*Lagerstroemia parviflora*), Soppera (*Dalbergia paniculata*), Moduga (*Butea Monosperma*) and important fauna is Four Horned antelope, Jackal, wild boar, Hares, Monitor lizard, snakes and Peafowl and other avifauna.
13. Kondapur RF (S 27): I have inspected the site in Kondapur RF in Beat Komireddipally beat on 25-6-2016. The pipeline enters the RF area at the LATLONG 16.88698 & 77.84459 and runs towards south up to distance of 1.703 Mts and leaves the RF at 16.87288 & 77.83987. The Forest type is Southern Dry deciduous Forest with dominant species like Teak (*Tectoma grandis*) Chennangi (*Lagerstroemia parviflora*), Soppera (*Dalbergia paniculata*) and important fauna is, Wild boar, Jackal, Hares, Monitor lizard, snakes and Peafowl and other avifauna.

General elevation of the area is 600 Mts. Density of the forest is around 0.2. Most of the natural area is under stocked.

The fauna available in these RF blocks are Wild boar, Jackal, fox, Mongoose, palm civet, Porcupine and Black Naped Hare. Reptiles includes Monitor Lizard, snakes like Cobra, Russel's viper, Rat snake etc. Avifouna consists of Grey Jungle fowl, common Grey hornbill, pea fowl, parakeets, doves, Rock penguin, Jungle Babblers, Mynas, Bulbuls etc.

There are no any rare/endangered/unique species of Flora & Fauna found in these areas and no protected archeological/heritage site/defense establishment or any other important monument are located in the areas and it will not affect the existing forests.

The requirement of forest land as proposed in column no.2 of part-1 by user agency is unavoidable and is barest minimum, there is no alternate suitable routes as per Hydraulic designs and topography of the area as reported by the user agency in the project proposal, which provides drinking water to all the villages and habitations in the region.

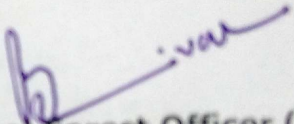
No work in violation of the Forest Conservation Act, 1980 was done by the User agency. Photographs of the forest blocks are enclosed herewith.

While issuing permission, the following conditions may be stipulated.

- The user agency shall use the existing paths and roads for laying of pipeline and no new paths/roads are to be formed.
- While digging the trench/laying of pipeline, if there is any damage to the trees, the value of the trees with penalty as per the Forest Act to be borne by the user agency.
- Wherever necessary the Department must be provided with free supply of water for Nurseries and Field Staff quarters and Range Offices, besides providing outlets with small troughs during summer for wild animals in forest areas.
- The user agency should be advised to abide the any new condition being imposed by the undersigned or CF/PCCF etc., considering the Conservation point of view or any new directions from Govt. of India etc.,
- As per file No.5-1/98 FC(PT-II) dt.29-03-2005, the user agency has to deposit the operational costs for felling of required trees in the project area and the operation shall be carried out by State Forest Department.

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The proposed diversion of 12.23 Ha forest area aimed to supply safe drinking water to public in Rangareddy District, in favour of superintending Engineer RWS&S, TESWP Circle, Hyderabad is recommended.


Divisional Forest Officer (T),
Hyderabad