

## PALURU DISTRIBUTORY HP'S (OT@KM 32.800 OF PBC)FROM KM 0.000 TO KM 12.955

S No	Reach in KM		Distance in mts	Discharge in cumecs		Bed Width in mts	F.S.D in mts	Side Slopes	Bed Fall	Value of 'n'	Velocity M/S	Head Loss due to		Total Head Loss	Bed level In M		Full supply level in M		Remarks
	From	To		Required	Designed							Bed Fall	Structure		At Start	At End	At Start	At End	
1	0.000	0.030	0.030	2.4250	2.9070	1.450	0.950	1 1/2 :1	1 IN 500	0.025	1.5894				237.700	237.640	238.650	238.590	
2	0.030	0.880	0.850	2.4250	2.4320	2.100	0.950	1 1/2 :1	1 IN 3000	0.025	0.7264				237.640	234.957	238.590	235.907	
3	0.880	3.000	2.120	2.4250	2.4790	2.100	0.800	1 1/2 :1	1 IN 1500	0.025	0.939				234.957	228.993	235.757	229.793	
4	3.000	3.328	0.328	2.1380	2.2200	2.000	0.770	1 1/2 :1	1 IN 1500	0.025	0.94				228.993	228.775/28.175	229.793	229.545/28.945	
5	3.328	3.825	0.497	1.7600	1.7430	1.500	0.710	1 1/2 :1	1 IN 1500	0.025	0.8149				228.775/228.175	226.843	229.545/228.945	227.630	
6	3.825	4.880	1.055	1.5030	1.5090	1.250	0.770	1 1/2 :1	1 IN 1500	0.025	0.8149				226.843	226.207	227.630		
7	4.880	4.995	0.115	AQUEDUCT											226.207	225.902			
8	4.995	5.050	0.055	1.5030	1.5090	1.250	1.250	1 1/2 :1	1 IN 2700	0.025	0.8149				225.902	225.872	0.000	226.057	
9	5.050	6.150	1.100	1.4140	1.4610	1.050	0.900	1 1/2 :1	1 IN 2700	0.025	0.6761				225.872	225.164	226.057	226.064	
10	6.150	6.450	0.300	1.3720	1.3880	1.000	0.890	1 1/2 :1	1 IN 2700	0.025	0.6679				225.164	225.053	226.064	225.943	
11	6.450	6.950	0.500	0.9570	0.9700	0.950	0.780	1 1/2 :1	1 IN 1500	0.025	0.5863				225.053	223.986	225.943	224.766	
12	6.950	7.700	0.750	0.9040	0.9110	0.850	0.780	1 1/2 :1	1 IN 1500	0.025	0.578				223.986	221.686	224.766	222.466	
13	7.700	7.850	0.150	0.5560	0.5570	0.700	0.640	1 1/2 :1	1 IN 1500	0.025	0.5246				221.686	220.636	222.466	221.416	
14	7.850	9.100	1.250	0.5560	0.5570	0.700	0.640	1 1/2 :1	1 IN 2800	0.025	0.5246				220.636	219.69	221.416	220.330	
15	9.100	12.955	3.855	0.2040	0.2060	1.700	0.320	1 1/2 :1	1 IN 1500	0.025	0.2955				219.690	219.00	220.330		

Bed level at Start	237.700	FSL at Start	238.650
End	219	End	0.000
Difference	18.700	Difference	238.650
		FSD Difference	0.08
		Net difference	238.570

Hence OK