

NODE REPORT ZONE 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4532	590.08	(N/A)	(N/A)	(N/A)	588.75	0.025	0.01
MH-2456	590.08	588.93	(N/A)	(N/A)	588.13	0.16	0.04
MH-3143	590.09	588.63	(N/A)	(N/A)	588.63	0.124	0.05
MH-2811	590.12	588.72	588.81	(N/A)	588.56	4.01	0.15
MH-604	590.13	588.49	(N/A)	(N/A)	588.49	0.066	0.05
MH-953	590.14	588.55	(N/A)	(N/A)	588.55	0.458	0.07
MH-2941	590.18	589.03	(N/A)	(N/A)	588.83	0.334	0.06
MH-4529	590.18	589.03	(N/A)	(N/A)	588.12	0.197	0.04
MH-3344	590.21	587.52	(N/A)	(N/A)	587.52	1.576	0.11
MH-2893	590.24	589.09	(N/A)	(N/A)	589.09	0.234	0.05
MH-2477	590.24	589.09	(N/A)	(N/A)	588.84	0.47	0.07
MH-605	590.27	588.47	589.12	(N/A)	588.47	0.369	0.06
MH-4844	590.29	(N/A)	(N/A)	(N/A)	589.14	0.138	0.04
MH-3615	590.31	(N/A)	(N/A)	(N/A)	589.03	0.064	0.02
MH-3925	590.32	(N/A)	(N/A)	(N/A)	588.96	0.064	0.02
MH-4196	590.35	(N/A)	(N/A)	(N/A)	589.13	0.05	0.02
MH-2882	590.35	589.2	(N/A)	(N/A)	589.2	0.189	0.05
MH-4682	590.36	589.21	(N/A)	(N/A)	588.38	0.44	0.06
MH-3716	590.37	589.22	(N/A)	(N/A)	589.15	0.306	0.05
MH-1763	590.39	(N/A)	(N/A)	(N/A)	589.12	0.349	0.06
MH-2449	590.4	589.25	(N/A)	(N/A)	588.87	0.027	0.02
MH-2723	590.42	589.27	(N/A)	(N/A)	589.27	0.123	0.04
MH-199	590.43	589.28	589.28	(N/A)	589.05	0.152	0.04
MH-4764	590.44	589.29	(N/A)	(N/A)	588.72	0.048	0.02
MH-4650	590.45	588.99	(N/A)	(N/A)	588.99	3.759	0.15
MH-3106	590.45	589.3	(N/A)	(N/A)	589.3	0.059	0.04
MH-3144	590.47	588.6	(N/A)	(N/A)	588.6	0.223	0.07
MH-2195	590.48	589.33	589.33	(N/A)	588.57	0.041	0.02
MH-2722	590.49	(N/A)	(N/A)	(N/A)	589.34	0.055	0.03
MH-934	590.53	589.38	(N/A)	(N/A)	588.99	0.047	0.02
MH-1971	590.56	589.38	(N/A)	(N/A)	588.66	2.183	0.14
MH-198	590.59	(N/A)	(N/A)	(N/A)	589.38	0.049	0.02
MH-2461	590.6	588.38	589.45	589.45	588.38	0.168	0.06
MH-1510	590.61	589.46	(N/A)	(N/A)	589.31	0.027	0.02
MH-2037	590.62	(N/A)	(N/A)	(N/A)	589.07	0.016	0.01
MH-973	590.63	589.48	589.48	(N/A)	589.11	0.281	0.05
MH-2940	590.67	589.33	(N/A)	(N/A)	589.33	0.296	0.05
MH-4130	590.69	589.54	(N/A)	(N/A)	588.86	0.255	0.05
MH-4095	590.7	589.55	(N/A)	(N/A)	589.21	0.015	0.01
MH-3224	590.72	587.61	(N/A)	(N/A)	587.61	1.54	0.11
MH-4612	590.73	(N/A)	(N/A)	(N/A)	589.58	0.01	0.01
MH-1864	590.73	589.58	589.58	(N/A)	589.26	0.056	0.02
MH-882	590.77	(N/A)	(N/A)	(N/A)	589.62	0.098	0.05
MH-2732	590.77	589.27	(N/A)	(N/A)	589.27	0.079	0.04
MH-3717	590.77	589.62	(N/A)	(N/A)	589.52	0.216	0.04
MH-4710	590.78	(N/A)	(N/A)	(N/A)	589.21	0.026	0.02
MH-3391	590.84	588.57	(N/A)	(N/A)	588.57	0.325	0.06
MH-3918	590.85	(N/A)	(N/A)	(N/A)	589.4	0.42	0.06
MH-4247	590.86	(N/A)	(N/A)	(N/A)	589.61	0.072	0.03
MH-4404	590.86	(N/A)	(N/A)	(N/A)	589.67	0.029	0.02
MH-3024	590.87	589.47	(N/A)	(N/A)	589.16	3.744	0.15

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MH-4590	590.87	589.72	589.72	(N/A)	588.53	1.28	0.11
MH-1509	590.95	(N/A)	(N/A)	(N/A)	589.67	0.013	0.01
MH-1860	590.97	589.82	(N/A)	(N/A)	589.22	0.134	0.03
MH-1966	590.97	589.82	589.63	(N/A)	589.63	2.09	0.14
MH-4713	590.97	589.52	(N/A)	(N/A)	588.9	7.507	0.2
MH-2860	591	(N/A)	(N/A)	(N/A)	589.85	0.043	0.03
MH-4644	591.01	(N/A)	(N/A)	(N/A)	589.86	0.048	0.02
MH-186	591.05	589.9	589.6	(N/A)	589.6	0.158	0.06
MH-578	591.05	589.9	589.9	(N/A)	589.88	0.895	0.09
MH-301	591.07	589.24	(N/A)	(N/A)	589.24	0.093	0.05
MH-3964	591.1	(N/A)	(N/A)	(N/A)	589.55	0.016	0.01
MH-2855	591.11	589.96	(N/A)	(N/A)	589.96	0.1	0.04
MH-3103	591.12	589.97	589.57	(N/A)	589.57	0.214	0.07
MH-1908	591.13	(N/A)	(N/A)	(N/A)	589.93	0.098	0.03
MH-2150	591.14	(N/A)	(N/A)	(N/A)	589.99	0.027	0.02
MH-302	591.14	589.75	589.23	(N/A)	589.23	0.274	0.06
MH-2194	591.15	(N/A)	(N/A)	(N/A)	589.6	0.01	0.01
MH-3675	591.16	590.01	(N/A)	(N/A)	589.68	0.038	0.02
MH-2854	591.16	(N/A)	(N/A)	(N/A)	590.01	0.04	0.03
MH-1229	591.16	589.54	(N/A)	(N/A)	589.54	0.233	0.07
MH-1230	591.17	589.52	(N/A)	(N/A)	589.52	0.267	0.05
MH-2102	591.17	590.02	(N/A)	(N/A)	589.84	0.015	0.01
MH-4491	591.19	589.79	(N/A)	(N/A)	589.79	3.559	0.14
MH-1863	591.21	590.06	(N/A)	(N/A)	589.82	0.029	0.02
MH-1096	591.22	590.07	590.07	(N/A)	589.77	0.213	0.04
MH-2982	591.22	587.69	(N/A)	(N/A)	587.69	1.483	0.11
MH-185	591.22	590.07	(N/A)	(N/A)	590	0.052	0.02
MH-4700	591.25	(N/A)	(N/A)	(N/A)	590.1	0.072	0.04
MH-4589	591.28	590.13	590.05	(N/A)	590.05	0.514	0.07
MH-2861	591.28	589.82	(N/A)	(N/A)	589.82	0.079	0.04
MH-972	591.29	590.14	(N/A)	(N/A)	589.71	0.054	0.02
MH-1909	591.29	590.14	590.14	(N/A)	588.73	1.089	0.1
MH-577	591.3	590.15	(N/A)	(N/A)	590.05	0.765	0.09
MH-4094	591.39	(N/A)	(N/A)	(N/A)	589.86	0.007	0.01
MH-1965	591.4	590.25	(N/A)	(N/A)	590.07	1.177	0.11
MH-2927	591.42	590.02	(N/A)	(N/A)	589.77	3.703	0.15
MH-2212	591.42	588.27	(N/A)	(N/A)	588.27	0.41	0.06
MH-5014	591.42	(N/A)	(N/A)	(N/A)	589.88	0.042	0.02
MH-4129	591.47	(N/A)	(N/A)	(N/A)	589.85	0.183	0.04
MH-607	591.56	590.41	589.79	(N/A)	589.79	0.154	0.06
MH-4569	591.57	590.42	(N/A)	(N/A)	590.42	0.049	0.02
MH-4782	591.59	590.37	(N/A)	(N/A)	590.19	3.138	0.16
MH-1044	591.61	589.96	(N/A)	(N/A)	589.96	0.041	0.03
MH-606	591.67	(N/A)	(N/A)	(N/A)	590.52	0.056	0.02
MH-3799	591.68	(N/A)	(N/A)	(N/A)	590.33	0.006	0.01
MH-4401	591.71	589.87	(N/A)	(N/A)	589.87	3.376	0.16
MH-3164	591.72	590.57	(N/A)	(N/A)	590.37	0.039	0.02
MH-2704	591.72	587.83	(N/A)	(N/A)	587.78	1.417	0.1
MH-1861	591.75	589.85	(N/A)	(N/A)	589.85	0.121	0.05
MH-3705	591.75	(N/A)	(N/A)	(N/A)	590.31	0.027	0.02
MH-4478	591.76	(N/A)	(N/A)	(N/A)	590.36	0.03	0.02

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MH-4365	591.78	(N/A)	(N/A)	(N/A)	590.41	0.012	0.01
MH-1498	591.78	590.63	590.63	(N/A)	590.47	0.457	0.07
MH-3173	591.81	590.66	(N/A)	(N/A)	590.45	0.749	0.09
MH-992	591.83	590.68	590.68	(N/A)	590.37	0.158	0.04
MH-3568	591.84	590.69	(N/A)	(N/A)	590.44	0.046	0.02
MH-4150	591.86	590.71	590.71	(N/A)	590.15	0.744	0.09
MH-1819	591.88	590.73	(N/A)	(N/A)	590.73	0.039	0.02
MH-1095	591.9	590.75	(N/A)	(N/A)	590.31	0.042	0.02
MH-2558	591.92	(N/A)	(N/A)	(N/A)	590.55	1.146	0.11
MH-4429	591.94	(N/A)	(N/A)	(N/A)	589.76	0.013	0.01
MH-2810	591.97	590.31	(N/A)	(N/A)	590.31	3.651	0.15
MH-853	591.98	589.94	(N/A)	(N/A)	589.94	0.051	0.03
MH-1342	591.99	588.05	590.4	(N/A)	587.98	1.34	0.11
MH-2294	592.03	590.88	(N/A)	(N/A)	590.88	0.18	0.06
MH-1341	592.09	587.92	(N/A)	(N/A)	587.92	1.364	0.11
MH-4400	592.09	589.95	(N/A)	(N/A)	589.95	3.277	0.16
MH-4733	592.13	590.98	(N/A)	(N/A)	589.63	0.149	0.04
MH-3308	592.16	(N/A)	(N/A)	(N/A)	590.87	0.017	0.01
MH-4699	592.2	590.83	590.05	(N/A)	590.05	0.295	0.08
MH-1818	592.2	591.05	(N/A)	(N/A)	590.96	0.031	0.02
MH-852	592.2	589.93	(N/A)	(N/A)	589.93	0.064	0.04
MH-1881	592.23	591.08	590.98	(N/A)	590.98	0.594	0.08
MH-4727	592.25	589.99	(N/A)	(N/A)	589.99	0.36	0.06
MH-2815	592.26	590.57	(N/A)	(N/A)	590.53	0.84	0.08
MH-3311	592.3	590.96	(N/A)	(N/A)	590.96	0.726	0.08
MH-2295	592.32	591.16	(N/A)	(N/A)	591.16	0.142	0.04
MH-3101	592.33	591.18	(N/A)	(N/A)	591.18	0.314	0.05
MH-2042	592.33	(N/A)	(N/A)	(N/A)	591.18	0.068	0.06
MH-2071	592.34	591.19	(N/A)	(N/A)	591.19	0.536	0.07
MH-2041	592.35	591.16	(N/A)	(N/A)	591.16	0.286	0.08
MH-3100	592.36	(N/A)	(N/A)	(N/A)	591.21	0.133	0.05
MH-2852	592.36	591.13	(N/A)	(N/A)	591.13	0.438	0.06
MH-4461	592.37	591.22	591.09	(N/A)	591.09	0.352	0.06
MH-1068	592.37	591.22	591.22	(N/A)	590.95	0.118	0.03
MH-2851	592.38	590.89	(N/A)	(N/A)	590.87	0.582	0.07
MH-3162	592.38	590.71	(N/A)	(N/A)	590.71	0.722	0.08
MH-3567	592.4	(N/A)	(N/A)	(N/A)	590.99	0.037	0.02
MH-2809	592.48	590.59	(N/A)	(N/A)	590.59	3.583	0.14
MH-2528	592.5	591.35	(N/A)	(N/A)	591.06	0.034	0.02
MH-991	592.52	591.37	(N/A)	(N/A)	590.91	0.027	0.02
MH-3637	592.52	591.37	(N/A)	(N/A)	590.79	0.094	0.03
MH-4636	592.56	591.34	(N/A)	(N/A)	591.09	2.986	0.16
MH-2550	592.56	591.41	(N/A)	(N/A)	591.41	0.093	0.03
MH-4803	592.6	591.45	591.45	(N/A)	589.6	0.497	0.07
MH-2046	592.61	591.46	591.46	(N/A)	591.46	0.255	0.05
MH-4756	592.65	591.16	(N/A)	(N/A)	590.35	7.375	0.2
MH-4337	592.65	591.5	589.89	(N/A)	589.89	0.104	0.05
MH-4308	592.66	(N/A)	(N/A)	(N/A)	591.39	0.022	0.01
MH-1880	592.8	591.65	(N/A)	(N/A)	591.32	0.05	0.02
MH-3023	592.8	591.65	(N/A)	(N/A)	591.65	0.062	0.02
MH-4916	592.88	591.48	(N/A)	(N/A)	589.31	4.914	0.17

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MH-4311	592.89	591.74	591.74	(N/A)	591.74	0.159	0.04
MH-2070	592.91	591.76	591.76	(N/A)	591.45	0.522	0.07
MH-4356	592.98	(N/A)	(N/A)	(N/A)	591.83	0.065	0.04
MH-2527	593.03	(N/A)	(N/A)	(N/A)	591.64	0.026	0.02
MH-3425	593.05	(N/A)	(N/A)	(N/A)	591.9	0.031	0.02
MH-1067	593.06	591.91	(N/A)	(N/A)	591.45	0.061	0.02
MH-3732	593.07	591.92	(N/A)	(N/A)	591.68	0.02	0.01
MH-4543	593.09	(N/A)	(N/A)	(N/A)	591.94	0.039	0.03
MH-4127	593.18	592.03	(N/A)	(N/A)	591.56	0.083	0.03
MH-4755	593.2	592.05	(N/A)	(N/A)	592.05	0.131	0.04
MH-4568	593.21	(N/A)	(N/A)	(N/A)	592.06	0.027	0.02
MH-2045	593.22	592.07	(N/A)	(N/A)	591.72	0.084	0.03
MH-4694	593.27	590.79	(N/A)	(N/A)	590.79	3.223	0.16
MH-3922	593.28	592.13	(N/A)	(N/A)	591.68	0.084	0.03
MH-4263	593.32	592.17	(N/A)	(N/A)	592.17	0.458	0.07
MH-2434	593.32	591.24	(N/A)	(N/A)	591.24	7.233	0.27
MH-4310	593.34	(N/A)	(N/A)	(N/A)	592.09	0.023	0.01
MH-4665	593.34	(N/A)	(N/A)	(N/A)	592	0.019	0.01
MH-4934	593.34	(N/A)	(N/A)	(N/A)	591.7	0.044	0.02
MH-2440	593.43	591.79	591.79	592.28	591.79	0.354	0.06
MH-4754	593.44	(N/A)	(N/A)	(N/A)	592.29	0.039	0.02
MH-4787	593.45	(N/A)	(N/A)	(N/A)	591.73	0.087	0.03
MH-3943	593.54	592.39	(N/A)	(N/A)	591.96	0.037	0.02
MH-2433	593.59	591.28	(N/A)	(N/A)	591.28	7.157	0.27
MH-3731	593.59	(N/A)	(N/A)	(N/A)	592.22	0.012	0.01
MH-3863	593.6	592.45	(N/A)	(N/A)	592.06	0.053	0.02
MH-2095	593.62	591.52	591.9	(N/A)	591.52	0.417	0.06
MH-4635	593.63	592.48	592.41	(N/A)	591.81	2.87	0.15
MH-3906	593.64	592.49	(N/A)	(N/A)	592.22	0.05	0.02
MH-4804	593.67	(N/A)	(N/A)	(N/A)	592.26	0.186	0.04
MH-4434	593.76	591.33	(N/A)	(N/A)	591.33	7.067	0.28
MH-2072	593.77	591.31	592.02	(N/A)	591.31	0.472	0.07
MH-4883	593.87	(N/A)	(N/A)	(N/A)	592.72	0.112	0.05
MH-978	593.89	591.68	591.38	(N/A)	591.38	6.998	0.27
MH-4059	593.89	592.74	(N/A)	(N/A)	592.19	0.121	0.03
MH-4802	593.94	592.77	(N/A)	(N/A)	592.72	2.265	0.15
MH-4120	593.95	592.8	(N/A)	(N/A)	592.35	0.069	0.03
MH-3645	593.96	592.81	(N/A)	(N/A)	592.38	0.072	0.03
MH-2073	593.97	592.75	591.15	(N/A)	590.9	3.11	0.16
MH-3921	594.03	592.88	(N/A)	(N/A)	592.44	0.068	0.02
MH-977	594.06	591.7	591.4	(N/A)	591.4	6.783	0.27
MH-4920	594.06	(N/A)	(N/A)	(N/A)	591.98	0.485	0.07
MH-3945	594.09	(N/A)	(N/A)	(N/A)	592.8	0.029	0.02
MH-4720	594.15	(N/A)	(N/A)	(N/A)	592.87	0.112	0.03
MH-1039	594.22	593.07	591.42	(N/A)	591.42	6.691	0.27
MH-4915	594.24	(N/A)	(N/A)	(N/A)	591.96	0.534	0.07
MH-3942	594.27	(N/A)	(N/A)	(N/A)	592.7	0.022	0.01
MH-3862	594.29	(N/A)	(N/A)	(N/A)	592.76	0.043	0.02
MH-4058	594.33	(N/A)	(N/A)	(N/A)	593.06	0.1	0.03
MH-3644	594.35	(N/A)	(N/A)	(N/A)	593.11	0.06	0.02
MH-923	594.4	591.49	593.25	(N/A)	591.44	6.574	0.27

NODE REPORT ZONE 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4947	594.42	(N/A)	(N/A)	(N/A)	591.83	0.133	0.03
MH-4119	594.46	(N/A)	(N/A)	(N/A)	593.11	0.057	0.02
MH-4693	594.51	(N/A)	(N/A)	(N/A)	592.7	0.442	0.07
MH-922	594.54	591.52	593.39	(N/A)	591.52	6.433	0.25
MH-1034	594.67	593.49	(N/A)	(N/A)	593.35	2.142	0.14
MH-4082	594.67	(N/A)	(N/A)	(N/A)	593.19	0.051	0.02
MH-4939	594.7	(N/A)	(N/A)	(N/A)	593.55	0.184	0.04
MH-969	594.71	591.54	593.56	(N/A)	591.54	6.294	0.26
MH-765	594.86	593.71	(N/A)	(N/A)	593.11	0.497	0.07
MH-968	594.86	591.57	593.71	(N/A)	591.57	6.158	0.26
MH-4779	594.91	593.76	(N/A)	(N/A)	592.56	0.209	0.04
MH-4824	594.95	593.42	(N/A)	(N/A)	593.42	2.048	0.15
MH-4941	594.96	(N/A)	(N/A)	(N/A)	593.81	0.064	0.02
MH-1035	594.96	593.81	593.79	(N/A)	593.67	2.07	0.14
MH-4794	595.01	(N/A)	(N/A)	(N/A)	593.86	0.161	0.06
MH-1015	595.03	593.88	591.59	(N/A)	591.59	6.031	0.26
MH-592	595.14	593.99	(N/A)	(N/A)	593.87	0.433	0.06
MH-1014	595.18	591.62	594.03	(N/A)	591.62	5.858	0.26
MH-4134	595.18	594.03	593.55	(N/A)	592.7	4.645	0.16
MH-4940	595.23	(N/A)	(N/A)	(N/A)	594.08	0.064	0.03
MH-1226	595.27	594.12	594.12	(N/A)	593.98	1.844	0.13
MH-4135	595.33	593.61	(N/A)	(N/A)	593.61	3.462	0.17
MH-361	595.34	591.89	593.94	(N/A)	591.64	5.578	0.25
MH-591	595.38	594.23	(N/A)	(N/A)	594.13	0.403	0.06
MH-360	595.4	592.01	(N/A)	(N/A)	592.01	0.333	0.06
MH-666	595.43	592.58	(N/A)	(N/A)	592.58	0.18	0.07
MH-4216	595.46	592.53	594.31	(N/A)	592.53	0.319	0.05
MH-4937	595.47	(N/A)	(N/A)	(N/A)	594.32	0.076	0.03
MH-667	595.54	592.56	594.39	(N/A)	592.56	0.272	0.08
MH-4785	595.54	593.71	593.78	(N/A)	593.71	1.158	0.1
MH-1286	595.58	594.43	594.43	(N/A)	594.32	1.318	0.11
MH-4775	595.61	(N/A)	(N/A)	(N/A)	594.39	0.855	0.08
MH-417	595.63	594.48	(N/A)	(N/A)	594.38	0.371	0.06
MH-4776	595.65	594.09	(N/A)	(N/A)	594.09	0.927	0.09
MH-4660	595.69	594.54	(N/A)	(N/A)	594.34	0.194	0.04
MH-1037	595.7	594.55	(N/A)	(N/A)	594.55	0.086	0.03
MH-4092	595.72	594.55	593.89	(N/A)	593.71	3.407	0.17
MH-4938	595.75	(N/A)	(N/A)	(N/A)	594.6	0.069	0.03
MH-4672	595.79	594.27	594.52	(N/A)	594.27	5.149	0.17
MH-132	595.84	594.69	(N/A)	(N/A)	594.61	0.342	0.06
MH-1841	595.87	(N/A)	(N/A)	(N/A)	594.68	0.013	0.01
MH-4563	595.87	(N/A)	(N/A)	(N/A)	594.72	0.021	0.01
MH-4093	595.88	593.99	(N/A)	(N/A)	593.99	1.169	0.1
MH-1038	595.89	594.74	(N/A)	(N/A)	594.74	0.075	0.03
MH-1448	595.97	594.75	594.82	(N/A)	594.75	1.272	0.11
MH-131	595.99	594.84	(N/A)	(N/A)	594.78	0.318	0.05
MH-806	596	594.85	(N/A)	(N/A)	594.65	0.482	0.07
MH-4936	596.02	(N/A)	(N/A)	(N/A)	594.87	0.062	0.02
MH-782	596.05	594.9	(N/A)	(N/A)	594.9	0.066	0.02
MH-4778	596.06	(N/A)	(N/A)	(N/A)	594.48	0.135	0.04
MH-2493	596.15	594.17	(N/A)	(N/A)	594.17	1.09	0.1

NODE REPORT ZONE 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-781	596.16	595.01	(N/A)	(N/A)	595.01	0.057	0.02
MH-570	596.18	595.03	(N/A)	(N/A)	595.03	0.106	0.05
MH-258	596.2	595.05	(N/A)	(N/A)	594.97	0.292	0.05
MH-805	596.21	595.06	(N/A)	(N/A)	595.01	0.47	0.07
MH-1046	596.22	595.07	595.07	(N/A)	595.03	1.097	0.1
MH-4933	596.25	(N/A)	(N/A)	(N/A)	595.1	0.059	0.02
MH-994	596.27	595.12	(N/A)	(N/A)	595.12	0.046	0.02
MH-4835	596.27	(N/A)	(N/A)	(N/A)	595	2.079	0.14
MH-4840	596.31	(N/A)	(N/A)	(N/A)	595.16	0.062	0.03
MH-993	596.33	595.18	(N/A)	(N/A)	595.18	0.031	0.02
MH-4841	596.33	(N/A)	(N/A)	(N/A)	595.18	0.031	0.02
MH-2494	596.36	594.28	(N/A)	(N/A)	594.28	0.97	0.09
MH-4576	596.36	594.38	594.63	(N/A)	594.38	4.807	0.22
MH-995	596.37	(N/A)	(N/A)	(N/A)	595.22	0.017	0.02
MH-257	596.38	595.23	(N/A)	(N/A)	595.16	0.266	0.05
MH-571	596.38	595.02	(N/A)	(N/A)	595.02	0.114	0.03
MH-4659	596.43	595.28	(N/A)	(N/A)	595.03	0.146	0.04
MH-1047	596.46	595.31	595.31	(N/A)	595.25	0.198	0.04
MH-876	596.48	595.33	(N/A)	(N/A)	595.25	0.46	0.07
MH-1178	596.48	595.33	(N/A)	(N/A)	595.24	0.099	0.03
MH-4931	596.49	(N/A)	(N/A)	(N/A)	595.34	0.096	0.03
MH-2424	596.52	595.35	(N/A)	(N/A)	595.06	2.187	0.14
MH-540	596.54	594.45	595.39	(N/A)	594.41	0.893	0.08
MH-539	596.55	594.55	(N/A)	(N/A)	594.52	0.617	0.07
MH-380	596.59	595.44	(N/A)	(N/A)	595.36	0.238	0.05
MH-1618	596.64	595.49	(N/A)	(N/A)	595.36	0.839	0.09
MH-984	596.69	595.54	595.54	(N/A)	595.52	0.148	0.04
MH-875	596.71	595.56	(N/A)	(N/A)	595.5	0.45	0.07
MH-4575	596.71	594.7	594.45	595.56	594.45	4.372	0.2
MH-1098	596.73	595.58	(N/A)	(N/A)	595.52	0.088	0.03
MH-4932	596.77	(N/A)	(N/A)	(N/A)	595.62	0.222	0.05
MH-379	596.78	595.63	(N/A)	(N/A)	595.56	0.209	0.04
MH-2423	596.86	595.71	595.71	(N/A)	595.64	2.145	0.14
MH-818	596.86	595.71	(N/A)	(N/A)	595.71	0.083	0.03
MH-397	596.97	595.82	(N/A)	(N/A)	595.76	0.179	0.04
MH-1060	596.98	595.83	(N/A)	(N/A)	595.72	0.824	0.09
MH-1097	596.99	595.84	(N/A)	(N/A)	595.76	0.077	0.03
MH-1043	596.99	595.84	(N/A)	(N/A)	595.74	0.442	0.07
MH-512	597.02	595.87	(N/A)	(N/A)	595.87	0.064	0.06
MH-4673	597.1	595.95	594.54	594.79	594.54	4.093	0.19
MH-4760	597.1	595.95	595.95	(N/A)	594.69	1.137	0.11
MH-513	597.15	595.86	596	(N/A)	595.86	0.267	0.08
MH-644	597.21	(N/A)	(N/A)	(N/A)	595.97	0.148	0.04
MH-897	597.24	596.09	(N/A)	(N/A)	596.03	0.066	0.02
MH-4892	597.25	(N/A)	(N/A)	(N/A)	596.1	0.312	0.05
MH-1059	597.25	596.1	(N/A)	(N/A)	596.01	0.803	0.09
MH-4751	597.28	596.13	594.78	(N/A)	594.65	3.704	0.18
MH-4661	597.38	(N/A)	(N/A)	(N/A)	595.78	0.078	0.03
MH-844	597.46	596.31	(N/A)	(N/A)	596.26	0.055	0.02
MH-4357	597.48	595.83	(N/A)	(N/A)	595.83	0.36	0.06
MH-4888	597.49	(N/A)	(N/A)	(N/A)	596.34	0.143	0.04

NODE REPORT ZONE 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-31	597.49	596.34	(N/A)	(N/A)	596.34	0.42	0.06
MH-4810	597.5	(N/A)	(N/A)	(N/A)	596.35	0.126	0.04
MH-1109	597.52	596.37	(N/A)	(N/A)	596.29	0.786	0.09
MH-32	597.52	596.29	(N/A)	(N/A)	596.13	0.429	0.06
MH-789	597.65	596.5	(N/A)	(N/A)	596.48	0.046	0.02
MH-709	597.66	596.51	(N/A)	(N/A)	596.11	0.61	0.08
MH-4887	597.77	(N/A)	(N/A)	(N/A)	596.62	0.201	0.04
MH-998	597.77	596.62	(N/A)	(N/A)	596.55	0.776	0.09
MH-589	597.78	596.63	(N/A)	(N/A)	596.49	0.417	0.06
MH-4526	597.86	596.71	596.71	(N/A)	596.52	1.494	0.12
MH-788	597.87	596.72	(N/A)	(N/A)	596.66	0.036	0.02
MH-4945	597.88	(N/A)	(N/A)	(N/A)	596.73	0.196	0.04
MH-976	597.99	596.84	(N/A)	(N/A)	596.8	0.768	0.09
MH-708	598.02	596.87	(N/A)	(N/A)	596.67	0.579	0.08
MH-4845	598.03	(N/A)	(N/A)	(N/A)	596.33	0.014	0.01
MH-791	598.11	596.96	(N/A)	(N/A)	596.89	0.027	0.02
MH-783	598.14	596.99	(N/A)	(N/A)	596.81	0.408	0.06
MH-4893	598.18	(N/A)	(N/A)	(N/A)	597.03	1.075	0.1
MH-880	598.23	597.08	(N/A)	(N/A)	597.02	0.757	0.09
MH-4853	598.32	(N/A)	(N/A)	(N/A)	596.6	0.022	0.01
MH-790	598.37	(N/A)	(N/A)	(N/A)	597.12	0.011	0.01
MH-879	598.45	597.3	597.3	(N/A)	597.25	0.743	0.09
MH-482	598.46	597.31	(N/A)	(N/A)	597.15	0.386	0.06
MH-4870	598.51	(N/A)	(N/A)	(N/A)	596.6	0.233	0.05
MH-4854	598.54	(N/A)	(N/A)	(N/A)	596.77	0.024	0.01
MH-3963	598.54	597.39	(N/A)	(N/A)	596.99	1.093	0.1
MH-4525	598.61	597.46	(N/A)	(N/A)	597.12	0.346	0.06
MH-4858	598.7	(N/A)	(N/A)	(N/A)	596.95	0.019	0.01
MH-1195	598.7	597.55	(N/A)	(N/A)	597.49	0.653	0.08
MH-481	598.72	597.57	(N/A)	(N/A)	597.45	0.356	0.06
MH-4175	598.8	597.65	(N/A)	(N/A)	597.19	0.548	0.07
MH-4859	598.85	(N/A)	(N/A)	(N/A)	597.08	0.133	0.03
MH-673	599.01	597.86	(N/A)	(N/A)	597.72	0.324	0.06
MH-2520	599.14	597.99	(N/A)	(N/A)	597.7	1.032	0.1
MH-4750	599.3	598.15	598.15	(N/A)	596.68	0.922	0.1
MH-902	599.3	598.15	(N/A)	(N/A)	598	0.632	0.08
MH-1032	599.34	598.19	(N/A)	(N/A)	598.04	0.292	0.05
MH-4685	599.51	(N/A)	(N/A)	(N/A)	597.89	0.077	0.03
MH-4749	599.53	(N/A)	(N/A)	(N/A)	598.38	0.258	0.06
MH-901	599.58	598.43	(N/A)	(N/A)	598.32	0.583	0.08
MH-218	599.66	598.51	(N/A)	(N/A)	598.37	0.25	0.05
MH-4426	599.72	598.57	(N/A)	(N/A)	597.98	0.311	0.05
MH-2521	599.74	598.59	(N/A)	(N/A)	598.29	0.995	0.1
MH-4511	599.85	598.7	(N/A)	(N/A)	598.05	0.497	0.07
MH-217	599.85	(N/A)	(N/A)	(N/A)	598.62	0.228	0.05
MH-948	599.88	598.73	(N/A)	(N/A)	598.61	0.556	0.07
MH-951	600.16	(N/A)	(N/A)	(N/A)	598.9	0.525	0.07
MH-2537	600.38	599.23	(N/A)	(N/A)	598.89	0.954	0.1
MH-4425	600.58	599.43	(N/A)	(N/A)	598.94	0.278	0.05
MH-4143	601.25	600.1	(N/A)	(N/A)	599.61	0.903	0.09
MH-4671	601.3	600.15	600.13	(N/A)	599.23	0.439	0.06

NODE REPORT ZONE 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4734	601.34	(N/A)	(N/A)	(N/A)	600.19	0.064	0.04
MH-4658	601.61	600.46	(N/A)	(N/A)	598.92	0.569	0.07
MH-4613	601.65	600.5	(N/A)	(N/A)	599.87	0.247	0.05
MH-3502	601.98	600.83	(N/A)	(N/A)	600.41	0.826	0.09
MH-4657	602.44	600.95	(N/A)	(N/A)	600.95	0.485	0.07
MH-4723	602.47	(N/A)	(N/A)	(N/A)	601.32	0.086	0.04
MH-4535	602.59	601.14	(N/A)	(N/A)	601.14	0.278	0.08
MH-4536	602.64	601.1	(N/A)	(N/A)	600.66	0.326	0.06
MH-4889	602.66	(N/A)	(N/A)	(N/A)	601.51	0.258	0.05
MH-3503	602.69	601.54	(N/A)	(N/A)	601.13	0.755	0.09
MH-4669	602.95	601.8	(N/A)	(N/A)	601.01	0.213	0.04
MH-1422	603.37	(N/A)	(N/A)	(N/A)	602.22	0.042	0.03
MH-3867	603.39	602.24	(N/A)	(N/A)	601.85	0.675	0.08
MH-4622	603.39	601.19	(N/A)	(N/A)	601.19	0.234	0.07
MH-877	603.45	601.26	602.2	(N/A)	601.26	0.142	0.06
MH-878	603.52	601.24	(N/A)	(N/A)	601.24	0.17	0.06
MH-82	604	(N/A)	(N/A)	(N/A)	602.85	0.015	0.02
MH-3725	604.04	602.89	(N/A)	(N/A)	602.54	0.603	0.08
MH-4668	604.05	602.3	(N/A)	(N/A)	602.3	0.179	0.04
MH-83	604.12	602.84	(N/A)	(N/A)	602.84	0.032	0.03
MH-413	604.41	602.82	(N/A)	(N/A)	602.82	0.055	0.04
MH-414	604.6	602.8	(N/A)	(N/A)	602.8	0.07	0.04
MH-3726	604.66	603.51	(N/A)	(N/A)	603.2	0.499	0.07
MH-467	604.78	602.79	(N/A)	(N/A)	602.79	0.085	0.04
MH-1778	605.02	603.87	602.77	(N/A)	602.77	0.14	0.04
MH-4503	605.16	(N/A)	(N/A)	(N/A)	604.01	0.038	0.02
MH-3996	605.31	604.16	(N/A)	(N/A)	603.84	0.39	0.06
MH-442	605.81	604.66	(N/A)	(N/A)	604.47	0.302	0.05
MH-443	605.91	(N/A)	(N/A)	(N/A)	604.76	0.25	0.05

OUTFALL REPORT ZONE 1

ID	Label	Elevation (Ground) (m)	Elevation (Invert) (m)	Hydraulic Grade (m)	Flow (Total Out) (MLD)
10543	STP	543	539.53	539.61	0.8665
10601	PS-2	541.95	534.34	534.59	12.7798
10677	PS-1	535	530.54	531.55	410.4292

**ZONE – II, III
& V**

PART – I

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2833	MH-5331	MH-5288	571.13	571.3	570.11	570.05	37.9	217	0.6	665.855	1.7346	1.2349	0.9	0.8	1.03	53.3	0.01	HDPE
ZONE 235-2937	MH-4636	MH-4637	564.51	564.42	563.56	563.47	29.3	150	0.29	313.955	0.8579	0.041	0.8	0.8	0.8	13.7	0.011	Concrete
ZONE 235-2688	MH-3948	MH-4655	568.84	568.95	567.64	567.75	29.4	400	0.99	284.441	12.3245	3.5123	0.8	0.8	0.8	37.2	0.011	Concrete
ZONE 235-5925	MH-4219	MH-3609	562.14	561.68	561	560.73	27.3	150	0.83	100	1.52	0.3607	0.9	0.98	0.8	35.9	0.011	Concrete
ZONE 235-5909	MH-3096	MH-4048	562.69	562.96	561.62	561.89	29.5	271	1.39	109.494	7.7367	2.3809	0.8	0.8	0.8	42.9	0.01	HDPE
ZONE 235-2816	MH-6632	MH-713	560.6	561.79	559.4	560.41	324.5	400	1.09	321.769	11.5876	5.9378	0.9	0.8	0.98	53.1	0.011	HDPE
ZONE 235-2968	MH-621	MH-622	565.17	565.18	563.29	563.37	20.6	150	0.6	276.583	0.914	0.4308	1.7	1.73	1.66	48.3	0.011	HDPE
ZONE 235-2762	MH-4936	MH-4937	562.05	561.89	561.1	560.94	32.2	150	0.32	193.263	1.0934	0.0296	0.8	0.8	0.8	14.3	0.011	HDPE
ZONE 235-2974	MH-4520	MH-4673	565.63	565.67	564.37	564.65	29.6	150	0.6	108.488	1.4594	0.13	1	1.1	0.87	24.6	0.011	HDPE
ZONE 235-2919	MH-1068	MH-493	565.14	565.34	562.17	562.18	11.8	450	0.74	1,000.00	8.9986	6.9312	2.6	2.52	2.71	64.6	0.011	HDPE
ZONE 235-2822	MH-5600	MH-732	565.37	564.34	563.81	563.39	42.3	150	0.76	100	1.52	0.2658	1.1	1.4	0.8	30.6	0.011	HDPE
ZONE 235-2630	MH-4686	MH-3136	566.92	567.02	565.79	565.76	29.8	150	0.25	1,000.00	0.4807	0.0972	1	0.98	1.11	31.4	0.011	HDPE
ZONE 235-2961	MH-5802	MH-493	565.76	565.34	564.56	564.14	47.3	400	1.58	112.392	19.6064	5.6034	0.8	0.8	0.8	40.8	0.011	HDPE
ZONE 235-2693	MH-3058	MH-4690	569.84	570.14	568.77	569.06	29.8	271	1.4	101.136	8.05	2.1793	0.8	0.8	0.8	40.6	0.01	HDPE
ZONE 235-2682	MH-3677	MH-3542	567.79	568.12	566.59	566.89	29.8	400	1.47	100	20.7858	3.7202	0.8	0.8	0.83	32.5	0.011	HDPE
ZONE 235-5933	MH-4963	MH-4949	564.38	563.77	563.15	562.82	32.4	150	0.65	100	1.52	0.1532	0.9	1.09	0.8	23.2	0.011	HDPE
ZONE 235-2524	MH-4693	MH-4620	557.78	558.01	556.83	556.8	29.8	150	0.14	1,000.00	0.4807	0.0136	0.9	0.8	1.06	13.7	0.011	HDPE
ZONE 235-6371	MH-2538	MH-2539	552.25	552.23	551.03	550.97	14.1	150	0.6	239.06	0.9831	0.3498	1.1	1.08	1.11	41.5	0.011	HDPE
ZONE 235-2029	MH-4706	MH-4707	553.76	553.68	550.07	550.04	30	700	1.01	1,000.00	29.2326	25.2814	3	2.99	2.94	70.9	0.011	HDPE
ZONE 235-2027	MH-4708	MH-4709	553.94	553.85	550.13	550.1	30	700	1.01	1,000.00	29.2326	25.2604	3.1	3.11	3.05	70.8	0.011	HDPE
ZONE 235-1989	MH-702	MH-4714	556.18	556.45	553.64	553.67	30	700	1	1,000.00	29.2326	24.608	2	1.84	2.08	63.8	0.011	HDPE
ZONE 235-2922	MH-3778	MH-360	565.45	565.55	562.49	562.52	22.1	217	0.6	646.427	1.7605	1.1719	2.8	2.75	2.81	59.5	0.01	HDPE
ZONE 235-2515	MH-55	MH-4727	557.37	557.43	556.21	556.48	30.1	150	0.36	108.357	1.4602	0.0233	0.9	1.01	0.8	16.3	0.011	HDPE
ZONE 235-2620	MH-3994	MH-2300	567.52	567.65	566.31	566.28	32.8	150	0.18	1,000.00	0.4807	0.0297	1.1	1.06	1.22	17.2	0.011	HDPE
ZONE 235-5898	MH-2281	MH-2585	561.74	561.51	560.58	560.44	14.3	271	1.57	100	8.0956	3.3216	0.8	0.89	0.8	50.8	0.01	HDPE
ZONE 235-2950	MH-232	MH-286	562.85	562.73	561.84	561.78	6.1	150	0.88	100	1.52	0.4467	0.8	0.86	0.8	46.5	0.011	HDPE
ZONE 235-6396	MH-5316	MH-5181	552.33	552.28	549.3	549.26	39.5	700	1.02	1,000.00	29.2326	26.5608	2.3	2.33	2.32	71.5	0.011	HDPE
CO-357	MH-6734	MH-6735	551.2	551	548.74	548.69	48.8	800	1.09	1,000.00	41.7362	33.3675	1.6	1.66	1.51	59.2	0.011	HDPE
CO-360	MH-6737	MH-6738	549.5	548	546.44	546.29	45.9	800	1.73	300	77.9562	33.5045	1.6	2.26	0.91	46.8	0.011	HDPE
ZONE 235-2025	MH-4760	MH-4761	554.52	554.13	552.62	552.52	30.4	700	1.6	300	54.6016	24.7494	1.1	1.2	0.91	49.6	0.011	HDPE
ZONE 235-6352	MH-5439	MH-5440	552.17	552.12	551.22	551	39.7	150	0.6	179.188	1.1355	0.242	0.9	0.8	0.97	32.3	0.011	HDPE
ZONE 235-2636	MH-2605	MH-325	567.07	567.2	565.11	565.13	13.9	271	0.6	780.206	2.8983	1.5336	1.7	1.69	1.8	52.5	0.01	HDPE
ZONE 235-5937	MH-4771	MH-4772	561.81	561.36	560.72	560.41	30.5	150	0.93	100	1.52	0.5524	0.9	0.94	0.8	44.9	0.011	HDPE
ZONE 235-5908	MH-4781	MH-4782	560.75	560.86	559.72	559.91	30.6	150	0.6	159.97	1.2018	0.2078	0.8	0.88	0.8	30	0.011	HDPE
ZONE 235-5914	MH-2625	MH-2626	564.6	564.81	563.53	563.68	14.5	271	1.39	100	8.0956	2.1065	0.8	0.8	0.86	39.8	0.01	HDPE
ZONE 235-2606	MH-2636	MH-2637	567.47	567.6	565.94	565.82	14.6	150	0.6	113.687	1.4256	0.1372	1.5	1.38	1.63	30.2	0.011	HDPE
ZONE 235-2779	MH-2647	MH-2648	562.92	563.06	561.94	561.97	14.7	175	0.6	464.648	1.1701	0.7078	0.9	0.81	0.91	50.5	0.01	HDPE
ZONE 235-2604	MH-2655	MH-2656	567.2	567.33	565.98	565.96	14.7	150	0.25	1,000.00	0.4807	0.0918	1.1	1.07	1.22	30.9	0.011	HDPE
ZONE 235-2720	MH-2852	MH-2701	572.9	572.93	571.95	571.98	16	150	0.16	688.255	0.5794	0.0131	0.8	0.8	0.81	8.7	0.011	HDPE
ZONE 235-2980	MH-518	MH-2660	565.01	564.82	563.78	563.79	14.7	150	0.24	1,000.00	0.4807	0.086	1	1.08	0.88	26.3	0.011	HDPE
ZONE 235-5935	MH-4816	MH-4817	563.12	562.47	561.83	561.52	30.8	150	0.83	100	1.52	0.3654	1	1.15	0.8	36.1	0.011	HDPE
ZONE 235-1993	MH-4189	MH-4828	557.07	557.24	556.12	556.29	30.9	150	0.27	173.385	1.1544	0.0159	0.8	0.8	0.8	8	0.011	HDPE
ZONE 235-5922	MH-2688	MH-2689	563.31	563.02	562.22	562.07	14.9	150	0.74	100	1.52	0.2437	0.9	0.94	0.8	29.3	0.011	HDPE
ZONE 235-2617	MH-2690	MH-279	567.76	567.83	566.45	566.44	13.5	150	0.19	1,000.00	0.4807	0.0387	1.2	1.16	1.24	15.7	0.011	HDPE
ZONE 235-2032	MH-4836	MH-4837	553.52	553.44	549.98	549.94	31	700	1.01	1,000.00	29.2326	25.3483	2.8	2.84	2.8	71.1	0.011	HDPE
ZONE 235-2721	MH-1528	MH-1528	572.93	572.94	571.98	571.99	15	150	0.13	1,000.00	0.4807	0.0096	0.8	0.81	0.8	10	0.011	HDPE
ZONE 235-2766	MH-3771	MH-4840	561.95	562.24	560.97	561.22	31	175	1.01	124.924	2.2565	0.8106	0.8	0.8	0.84	48.9	0.01	HDPE
ZONE 235-2783	MH-422	MH-4852	562.7	563.04	561.45	561.76	31.1	450	1.76	100	28.456	7.2278	0.8	0.8	0.83	39.2	0.011	HDPE
ZONE 235-2731	MH-370	MH-4359	570.53	570.34	569.56	569.37	31.2	150	0.6	165.01	1.1833	0.2159	0.8	0.82	0.82	30.8	0.011	HDPE
ZONE 235-1991	MH-4714	MH-4854	556.45	556.73	553.67	553.7	31.2	700	1	1,000.00	29.2326	24.594	2.2	2.08	2.33	65.2	0.011	HDPE
ZONE 235-5906	MH-1848	MH-435	560.56	560.68	559.41	559.47	32.5	217	0.6	536.709	1.9321	0.8762	1	0.93	0.99	42.5	0.01	HDPE
ZONE 235-2033	MH-4837	MH-4180	553.44	553.36	549.94	549.91	31.2	700	1.01	1,000.00	29.2326	25.3673	2.8	2.8	2.74	71.3	0.011	HDPE
ZONE 235-2860	MH-2729	MH-2250	569.07	569	568.12	568.05	15.2	150	0.32	220.576	1.0235	0.0365	0.8	0.8	0.8	13.5	0.011	HDPE

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Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2518	MH-3251	MH-4864	557.17	557.27	556.22	556.32	31.4	150	0.25	333.787	0.832	0.0241	0.8	0.8	0.8	14.1	0.011	HDPE
ZONE 235-2016	MH-4869	MH-4565	559.02	559.26	554.01	554.04	31.4	700	0.98	1,000.00	29.2326	21.8719	4.4	4.32	4.52	66.3	0.011	HDPE
ZONE 235-5938	MH-4772	MH-4870	561.36	560.95	560.31	560	31.4	150	0.95	100	1.52	0.5981	0.8	0.9	0.8	51.6	0.011	HDPE
ZONE 235-5913	MH-4874	MH-2625	564.15	564.6	563.08	563.4	31.4	271	1.39	100	8.0956	2.1382	0.9	0.8	0.94	40.2	0.01	HDPE
ZONE 235-2989	MH-1027	MH-379	566.38	566.83	565.03	565.07	37.2	271	0.6	845.747	2.7838	1.744	1.3	1.08	1.49	51.6	0.01	HDPE
ZONE 235-2015	MH-4612	MH-4869	558.75	559.02	553.98	554.01	31.5	700	0.98	1,000.00	29.2326	21.9141	4.2	4.08	4.32	67.1	0.011	HDPE
ZONE 235-2769	MH-625	MH-371	561.73	561.94	560.6	560.78	30.2	150	0.6	165.009	1.1833	0.216	1	0.99	1.01	31.9	0.011	HDPE
ZONE 235-2019	MH-984	MH-3234	559.47	559.66	554.07	554.1	31.5	700	0.98	1,000.00	29.2326	21.7445	4.8	4.7	4.85	65.2	0.011	HDPE
ZONE 235-6361	MH-5556	MH-5557	551.69	551.69	550.51	550.29	41.4	271	0.99	188.761	5.8924	1.4225	1	0.91	1.13	46.6	0.01	HDPE
ZONE 235-2613	MH-2776	MH-2777	567.47	567.54	566.52	566.51	15.5	150	0.11	1,000.00	0.4807	0.0059	0.8	0.8	0.88	9.9	0.011	HDPE
ZONE 235-1995	MH-4018	MH-4019	557.23	557.39	553.76	553.78	23.9	700	1	1,000.00	29.2326	24.5312	2.8	2.77	2.9	67.2	0.011	HDPE
ZONE 235-2004	MH-888	MH-4896	558.45	558.65	557.38	557.55	16.9	271	1.45	100	8.0956	2.4355	0.8	0.8	0.83	56.7	0.01	HDPE
ZONE 235-2565	MH-5568	MH-1208	553.21	553.29	549.85	549.89	41.7	700	1.01	1,000.00	29.2326	25.4037	2.7	2.66	2.7	71.5	0.011	HDPE
ZONE 235-2942	MH-5339	MH-1028	564.14	563.89	563.12	562.94	17.2	150	0.5	100	1.52	0.0623	0.8	0.87	0.8	22.9	0.011	HDPE
ZONE 235-2953	MH-3669	MH-285	562.54	562.73	561.29	561.33	20.5	175	0.6	487.187	1.1427	0.7672	1.2	1.08	1.23	59.8	0.01	HDPE
ZONE 235-2808	MH-4909	MH-4910	563.19	563.04	562.06	562.09	31.7	150	0.23	1,000.00	0.4807	0.0709	0.9	0.98	0.8	21.3	0.011	HDPE
ZONE 235-2579	MH-2807	MH-265	560.61	560.72	559.31	559.29	15.7	271	0.6	838.038	2.7965	1.7172	1.1	1.02	1.16	57	0.01	HDPE
ZONE 235-2640	MH-279	MH-1734	567.83	567.71	565.31	565.28	18.9	217	0.6	686.237	1.7087	1.31	2.3	2.3	2.21	65.6	0.01	HDPE
ZONE 235-2956	MH-4921	MH-231	563.13	562.85	562.18	561.9	31.8	150	0.48	114.573	1.4201	0.0636	0.8	0.8	0.8	32.3	0.011	HDPE
ZONE 235-2028	MH-4709	MH-4706	553.85	553.76	550.1	550.07	31.8	700	1.01	1,000.00	29.2326	25.2669	3	3.05	2.99	70.8	0.011	HDPE
ZONE 235-1988	MH-4924	MH-701	555.83	556.17	553.61	553.63	19.8	700	1	1,000.00	29.2326	24.6813	1.7	1.52	1.85	61.2	0.011	HDPE
ZONE 235-2026	MH-4761	MH-4708	554.13	553.94	552.52	552.44	31.9	700	1.43	409.437	45.6851	24.7678	0.9	0.91	0.8	49.6	0.011	HDPE
CO-324	MH-2852	MH-1240	572.9	573.02	571.77	571.76	10.1	150	0.19	1,000.00	0.4807	0.0386	1.1	0.99	1.11	19.4	0.011	HDPE
CO-325	MH-1240	MH-3478	573.02	572.92	571.64	571.62	16.6	271	0.6	875.928	2.7354	1.8512	1.1	1.11	1.03	53.3	0.01	HDPE
CO-326	MH-3590	MH-2985	572.56	572.24	571.39	571.16	25.3	271	1.31	107.966	7.7913	1.8875	0.9	0.9	0.81	42.8	0.01	HDPE
CO-327	MH-2766	MH-645	572.02	571.76	570.84	570.68	15.7	271	1.35	100	8.0956	1.8986	0.9	0.91	0.8	37.7	0.01	HDPE
CO-328	MH-5174	MH-4488	570.93	570.17	569.95	569.22	72.2	150	0.68	100	1.52	0.1811	0.8	0.83	0.8	25.1	0.011	HDPE
CO-329	MH-3756	MH-5704	564.71	564	563.17	563.02	56.1	150	0.6	388.132	0.8487	0.5429	1.1	1.39	0.83	54.3	0.01	HDPE
CO-330	MH-690	MH-4909	563.51	563.19	560.31	560.22	44.6	217	0.6	512.434	1.9773	0.8183	2.9	2.98	2.75	46.9	0.01	HDPE
CO-331	MH-5672	MH-6631	560.36	560.29	559.05	559.04	8.2	400	0.68	1,000.00	6.573	5.0848	0.9	0.91	0.84	66.4	0.011	HDPE
CO-333	MH-199	MH-2751	568.6	568.26	567.65	567.31	43.6	150	0.8	128.07	1.3432	0.4414	0.8	0.8	0.8	41.1	0.011	HDPE
CO-334	MH-5993	MH-6727	565.66	565.93	564.71	564.68	26.4	150	0	1,000.00	0.4807	0	1	0.8	1.1	0	0.011	HDPE
CO-335	MH-6727	MH-5994	565.93	566.2	564.68	564.65	25.9	150	0	1,000.00	0.4807	0	1.3	1.1	1.4	0	0.011	HDPE
CO-336	MH-6375	MH-6727	566.62	565.93	565.67	564.98	95.1	150	0	137.366	1.2969	0	0.8	0.8	0.8	0	0.011	HDPE
CO-337	MH-5347	MH-5339	565.07	564.14	564.04	563.12	115.7	150	0	124.66	1.3614	0	0.9	0.88	0.87	7.9	0.011	HDPE
CO-340	MH-538	MH-6729	560.44	559.5	558.36	558	102.1	700	1.56	286.446	54.6193	21.2141	1.1	1.38	0.8	52.3	0.011	HDPE
CO-341	MH-6729	MH-3235	559.5	559.76	558	557.86	140.6	700	0.98	1,000.00	29.2326	21.3681	1	0.8	1.2	52.4	0.011	HDPE
CO-343	MH-6565	MH-4708	553.93	553.94	550.76	550.68	29.6	150	0.6	361.96	0.8788	0.4849	3.1	3.01	3.11	48.9	0.01	HDPE
CO-344	MH-6522	MH-2785	552.14	552.12	549.67	549.65	17.5	400	0.7	1,000.00	6.573	6.1483	2.1	2.07	2.07	54.6	0.011	HDPE
CO-345	MH-6522	MH-5914	552.14	552.02	549.67	549.72	55	400	0.66	1,000.00	6.573	4.3353	2	2.07	1.9	60.7	0.011	HDPE
CO-346	MH-5793	MH-5914	551.95	552.02	549.77	549.72	46.5	400	0.64	1,000.00	6.573	3.8812	1.8	1.78	1.9	58.4	0.011	HDPE
CO-347	MH-4603	MH-6172	551.95	552.01	550.05	550.02	27.6	400	0.63	1,000.00	7.2303	2.6717	1.5	1.5	1.59	44.3	0.01	HDPE
CO-354	MH-2785	MH-6732	552.12	551.4	548.96	548.89	73.6	800	1.08	1,000.00	41.7362	32.9552	2	2.36	1.71	65.1	0.011	HDPE
CO-355	MH-6732	MH-6733	551.4	551.3	548.89	548.78	106.4	800	1.09	1,000.00	41.7362	33.1475	1.7	1.71	1.72	63.9	0.011	HDPE
CO-356	MH-6733	MH-6734	551.3	551.2	548.78	548.74	44.1	800	1.09	1,000.00	41.7362	33.3397	1.7	1.72	1.66	62.1	0.011	HDPE
CO-358	MH-6735	MH-6736	551	550.9	548.69	548.66	28.2	800	1.09	1,000.00	41.7362	33.3887	1.5	1.51	1.44	51.9	0.011	HDPE
CO-359	MH-6736	MH-6737	550.9	549.5	548.66	547.9	117.4	800	2.2	154.1	106.3191	33.4287	1.1	1.44	0.8	42.4	0.011	HDPE
ZONE 235-5934	MH-4949	MH-4816	563.77	563.12	562.5	562.17	32.3	150	0.75	100	1.52	0.2561	1	1.12	0.8	30	0.011	HDPE
ZONE 235-5919	MH-2888	MH-2889	564.74	564.47	563.68	563.52	16.2	150	0.63	100	1.52	0.1381	0.9	0.91	0.8	21.9	0.011	HDPE
ZONE 235-2716	MH-2903	MH-2904	573.05	573.07	571.9	571.93	16.3	271	0.6	750.705	2.9547	1.4458	0.9	0.88	0.88	47.6	0.01	HDPE
ZONE 235-2562	MH-527	MH-5848	552.91	553.02	549.69	549.73	45.1	700	1.01	1,000.00	29.2326	25.7656	2.6	2.52	2.59	72.3	0.011	HDPE
ZONE 235-6401	MH-5411	MH-2574	553.07	553	552.12	552.05	39.2	150	0.18	537.734	0.6555	0.0149	0.8	0.8	0.8	14.5	0.011	HDPE
ZONE 235-2877	MH-1403	MH-359	565.7	565.55	563.94	563.87	32.7	175	0.6	446.189	1.194	0.6636	1.5	1.58	1.51	49.9	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2971	MH-238	MH-4519	565.23	565.62	563.95	564.17	32.7	150	0.6	148.306	1.2482	0.1903	1.2	1.13	1.31	28.8	0.011	HDPE
ZONE 235-2767	MH-4840	MH-3669	562.24	562.54	561.22	561.29	32.7	175	0.6	494.689	1.134	0.7878	1	0.84	1.08	54.6	0.01	HDPE
ZONE 235-6377	MH-4992	MH-4993	552.45	552.38	551.5	551.34	32.8	150	0.6	203.535	1.0654	0.2855	0.8	0.8	0.89	35.9	0.011	HDPE
ZONE 235-2882	MH-2922	MH-2923	565.36	565.29	564.41	564.34	16.4	150	0.28	250.155	0.961	0.0257	0.8	0.8	0.8	16.6	0.011	HDPE
CO-436	MH-6140	MH-2807	560.41	560.61	559.34	559.31	22.6	271	0.6	762.449	2.9319	1.4799	0.9	0.8	1.02	54.7	0.01	HDPE
CO-437	MH-5408	MH-5488	552.47	552.45	549.42	549.38	36	700	1.02	1,000.00	29.2326	26.3642	2.4	2.35	2.37	72.4	0.011	HDPE
ZONE 235-2737	MH-847	MH-3529	572.28	571.83	570.99	570.88	11.1	150	0.55	100	1.52	0.0893	1	1.14	0.8	17.6	0.011	HDPE
ZONE 235-2868	MH-2931	MH-2932	566.25	566.1	565.3	565.15	16.5	150	0.54	108.083	1.4621	0.0876	0.8	0.8	0.8	19.5	0.011	HDPE
ZONE 235-2588	MH-2942	MH-223	561.18	561.07	560.23	560.12	16.5	150	0.36	147.038	1.2535	0.0322	0.8	0.8	0.8	15.2	0.011	HDPE
ZONE 235-2870	MH-2932	MH-173	566.1	565.94	565.15	564.99	16.5	150	0.56	108.083	1.4621	0.1003	0.8	0.8	0.8	18.9	0.011	HDPE
ZONE 235-2586	MH-2944	MH-2942	561.29	561.18	560.34	560.23	16.5	150	0.31	158.349	1.2079	0.0214	0.8	0.8	0.8	10.3	0.011	HDPE
ZONE 235-2749	MH-2952	MH-2953	572.69	572.49	571.58	571.42	16.6	271	1.34	100	8.0956	1.8683	0.8	0.84	0.8	49.3	0.01	HDPE
ZONE 235-2982	MH-2660	MH-5454	564.82	564.78	563.79	563.83	39.9	150	0.19	1,000.00	0.4807	0.035	0.8	0.88	0.8	23	0.011	HDPE
ZONE 235-2875	MH-2983	MH-1402	565.82	565.73	564	563.95	16.7	175	0.6	394.731	1.2695	0.5524	1.6	1.65	1.6	48.5	0.01	HDPE
ZONE 235-2543	MH-5235	MH-5236	553.02	552.85	552.07	551.9	36.2	150	0.3	209.47	1.0502	0.0269	0.8	0.8	0.8	15.6	0.011	HDPE
ZONE 235-2806	MH-1036	MH-307	561.63	562.12	560.04	560.07	19.6	217	0.6	624.656	1.7909	1.1049	1.6	1.38	1.83	55.9	0.01	HDPE
ZONE 235-2810	MH-5243	MH-1035	561.59	561.59	560.64	560.6	36.3	150	0.22	1,000.00	0.4807	0.0656	0.8	0.8	0.83	20.5	0.011	HDPE
ZONE 235-2979	MH-518	MH-5480	565.01	565	563.78	564.05	40.3	150	0.31	147.176	1.2529	0.0202	0.9	1.08	0.8	16.8	0.011	HDPE
ZONE 235-2685	MH-2422	MH-1972	568.49	568.67	567.29	567.45	16.9	400	1.46	100	20.7858	3.5907	0.8	0.8	0.81	31.9	0.011	HDPE
ZONE 235-2657	MH-5266	MH-2217	564.88	565	563.93	563.82	24.4	150	0.6	206.274	1.0583	0.2905	0.9	0.8	1.03	35.7	0.011	HDPE
ZONE 235-2513	MH-3036	MH-797	557.94	557.96	556.02	556	17	150	0.2	1,000.00	0.4807	0.0464	1.8	1.77	1.81	23.1	0.011	HDPE
ZONE 235-6372	MH-2539	MH-5282	552.23	552.17	550.97	550.82	36.9	150	0.6	247.95	0.9653	0.3692	1.2	1.11	1.2	42.9	0.011	HDPE
ZONE 235-2600	MH-3416	MH-3417	561.04	560.82	559.91	559.81	19.3	150	0.6	211.039	1.0463	0.2954	0.9	0.99	0.86	35.8	0.011	HDPE
ZONE 235-2502	MH-3400	MH-3418	558.69	558.85	557.56	557.54	19.3	150	0.15	1,000.00	0.4807	0.0178	1.1	0.98	1.16	14.3	0.011	HDPE
ZONE 235-2834	MH-5288	MH-5143	571.3	571.45	570	569.95	36.9	271	0.6	759.129	2.9383	1.4702	1.1	1.03	1.22	54.7	0.01	HDPE
ZONE 235-2781	MH-3047	MH-3048	563.23	563.39	562.01	562.05	17.1	175	0.6	452.354	1.1858	0.678	1.1	1.05	1.16	54	0.01	HDPE
ZONE 235-2904	MH-640	MH-5747	563.13	562.96	560.62	560.56	15.4	150	0.6	242.016	0.9771	0.3561	2.3	2.36	2.25	43.2	0.011	HDPE
ZONE 235-2691	MH-1942	MH-3058	569.66	569.84	568.59	568.76	17.1	271	1.4	100	8.0956	2.1955	0.8	0.8	0.81	40.7	0.01	HDPE
ZONE 235-6378	MH-4993	MH-5531	552.38	552.3	551.34	551.15	41	150	0.6	216.047	1.0341	0.3055	0.9	0.89	1	36.3	0.011	HDPE
ZONE 235-2969	MH-3572	MH-5299	565.4	565.34	564.35	564.39	37.1	150	0.19	1,000.00	0.4807	0.0364	0.9	0.91	0.8	16.8	0.011	HDPE
ZONE 235-2605	MH-2656	MH-2636	567.33	567.47	565.96	565.94	17.2	150	0.26	1,000.00	0.4807	0.1122	1.3	1.22	1.38	27.8	0.011	HDPE
ZONE 235-5927	MH-3610	MH-3631	561.36	560.99	560.28	560.04	23.3	150	0.89	100	1.52	0.47	0.9	0.94	0.8	45.7	0.011	HDPE
ZONE 235-2671	MH-274	MH-5306	569.94	570.08	568.85	568.95	17.7	150	0.6	174.548	1.1505	0.234	1	0.94	0.98	32.6	0.011	HDPE
ZONE 235-2624	MH-3079	MH-1735	567.54	567.63	566.08	566.06	17.2	150	0.19	1,000.00	0.4807	0.036	1.4	1.31	1.41	15.2	0.011	HDPE
ZONE 235-2622	MH-5098	MH-5099	567.1	567.3	566.15	566.12	34.5	150	0.13	1,000.00	0.4807	0.0112	0.9	0.8	1.03	13	0.011	HDPE
ZONE 235-2660	MH-3084	MH-3085	564.39	564.44	563.44	563.37	17.3	150	0.6	247.364	0.9665	0.3666	0.9	0.8	0.92	42.8	0.011	HDPE
ZONE 235-2948	MH-5312	MH-231	563.1	562.85	562.15	561.9	37.7	150	0.71	152.936	1.2291	0.3569	0.8	0.8	0.8	43.7	0.011	HDPE
ZONE 235-2740	MH-3086	MH-241	571.49	571.21	570.41	570.26	14.9	150	0.58	100	1.52	0.1064	0.9	0.93	0.8	19.3	0.011	HDPE
ZONE 235-6398	MH-5315	MH-5316	552.4	552.33	549.34	549.3	37.7	700	1.02	1,000.00	29.2326	26.4946	2.3	2.36	2.33	71.9	0.011	HDPE
ZONE 235-2736	MH-3094	MH-846	572.52	572.29	571.54	571.34	20.3	150	0.27	100	1.52	0.0083	0.8	0.82	0.8	5.5	0.011	HDPE
ZONE 235-5894	MH-3095	MH-3096	562.99	562.69	561.91	561.74	17.3	150	1.08	100	1.672	0.7393	0.9	0.92	0.8	51.4	0.01	HDPE
ZONE 235-2715	MH-1240	MH-2903	573.02	573.05	571.88	571.9	17.4	271	0.6	753.867	2.9485	1.4542	0.9	0.87	0.88	42.2	0.01	HDPE
ZONE 235-5923	MH-2689	MH-3107	563.02	562.67	561.89	561.72	17.4	150	0.77	100	1.52	0.2698	0.9	0.98	0.8	30.8	0.011	HDPE
ZONE 235-2923	MH-5327	MH-1067	565.22	565.11	564.27	564.16	37.9	150	0.26	329.556	0.8373	0.0302	0.8	0.8	0.8	11.9	0.011	HDPE
ZONE 235-2880	MH-173	MH-174	565.94	565.94	564.1	564.1	0	150	0.6	(N/A)	0	0.4238	1.7	1.69	1.69	43.5	0.011	HDPE
ZONE 235-2899	MH-5340	MH-426	564.66	564.45	563.71	563.36	38.1	150	0.53	110.569	1.4455	0.0895	0.9	0.8	0.93	22.9	0.011	HDPE
ZONE 235-2662	MH-4385	MH-4386	565.12	565.65	563.21	563.11	26.9	150	0.6	263.336	0.9367	0.4007	2.1	1.76	2.39	49.3	0.011	HDPE
ZONE 235-2703	MH-4488	MH-5130	570.17	570.06	569.05	568.96	38.1	175	0.6	409.056	1.247	0.5823	0.9	0.95	0.92	50	0.01	HDPE
ZONE 235-2656	MH-5128	MH-513	562.45	561.96	561.1	560.76	34.1	400	1.62	100	20.7858	5.2704	0.9	0.95	0.8	44.1	0.011	HDPE
ZONE 235-2520	MH-3854	MH-5157	556.93	556.88	555.98	555.93	38.2	150	0.16	908.632	0.5043	0.0183	0.8	0.8	0.8	12.4	0.011	HDPE
ZONE 235-2741	MH-3636	MH-846	572.18	572.29	571.23	571.21	21.3	150	0.23	1,000.00	0.4807	0.0719	0.9	0.8	0.93	26.7	0.011	HDPE
ZONE 235-1984	MH-5346	MH-5347	565.34	565.07	564.08	564.04	38.3	150	0	1,000.00	0.4807	0	1	1.1	0.88	0	0.011	HDPE
ZONE 235-2623	MH-5099	MH-3079	567.3	567.54	566.12	566.08	38.3	150	0.17	1,000.00	0.4807	0.0258	1.2	1.03	1.31	17	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2631	MH-3136	MH-3137	567.02	566.82	565.76	565.74	17.6	150	0.26	1,000.00	0.4807	0.1165	1	1.11	0.93	28.3	0.011	HDPE
ZONE 235-2835	MH-5143	MH-5070	571.45	571.55	569.95	569.91	35.1	271	0.6	854.803	2.769	1.7747	1.3	1.22	1.37	58.4	0.01	HDPE
ZONE 235-5940	MH-4870	MH-435	560.95	560.68	560	559.73	37.3	150	0.86	136.726	1.2999	0.6329	0.8	0.8	0.8	50.5	0.011	HDPE
ZONE 235-2782	MH-762	MH-421	562.59	562.7	561.62	561.6	8.9	175	0.6	478.012	1.1536	0.7422	0.9	0.8	0.92	57.5	0.01	HDPE
ZONE 235-2845	MH-5365	MH-2751	568.48	568.26	567.28	567.06	38.6	400	1.26	170.397	15.9234	4.2323	0.8	0.8	0.8	37	0.011	HDPE
ZONE 235-2853	MH-944	MH-945	568.85	568.84	567.9	567.88	15.9	150	0.25	1,000.00	0.4807	0.0944	0.8	0.8	0.81	24.7	0.011	HDPE
ZONE 235-2726	MH-5175	MH-369	570.67	570.53	569.72	569.58	20.5	150	0.33	143.047	1.2709	0.0249	0.8	0.8	0.8	16	0.011	HDPE
ZONE 235-2856	MH-945	MH-199	568.84	568.6	567.88	567.65	24.3	150	0.57	104.301	1.4883	0.1013	0.8	0.81	0.8	31.8	0.011	HDPE
ZONE 235-2966	MH-3757	MH-621	564.7	565.17	563.23	563.29	18.3	150	0.6	282.886	0.9037	0.445	1.5	1.32	1.73	50	0.011	HDPE
ZONE 235-2799	MH-422	MH-5375	562.7	562.28	561.29	560.96	38.8	450	1.71	117.25	26.2795	8.011	0.9	0.96	0.87	47	0.011	HDPE
ZONE 235-2745	MH-2766	MH-2985	572.02	572.24	570.94	571.16	21.4	271	1.35	100	8.0956	1.8944	0.8	0.8	0.81	37.7	0.01	HDPE
ZONE 235-2780	MH-2648	MH-3047	563.06	563.23	561.97	562.01	18	175	0.6	458.802	1.1775	0.6933	1	0.91	1.05	54.7	0.01	HDPE
ZONE 235-2607	MH-2637	MH-3205	567.6	567.68	565.82	565.73	18	150	0.6	215.848	1.0346	0.3051	1.7	1.63	1.79	37.7	0.011	HDPE
ZONE 235-2553	MH-5407	MH-5408	552.51	552.47	549.45	549.42	39.1	700	1.01	1,000.00	29.2326	26.239	2.4	2.35	2.35	72.5	0.011	HDPE
ZONE 235-2505	MH-299	MH-300	559.45	559.45	558.5	558.5	0	150	0.16	(N/A)	0	0.0182	0.8	0.8	0.8	9.4	0.011	HDPE
ZONE 235-2844	MH-5667	MH-5365	568.74	568.48	567.54	567.28	43.2	400	1.26	168.438	16.0157	4.2153	0.8	0.8	0.8	39.2	0.011	HDPE
ZONE 235-2977	MH-237	MH-517	565.23	565.01	563.61	563.78	18.1	150	0.6	106.115	1.4756	0.1272	1.3	1.47	1.08	31.8	0.011	HDPE
ZONE 235-2793	MH-538	MH-3249	560.44	560.42	558.36	558.37	18.2	700	0.97	1,000.00	29.2326	20.9504	1.4	1.38	1.35	48.2	0.011	HDPE
ZONE 235-2823	MH-732	MH-6352	564.34	564.76	563.39	563.81	74.4	150	0.46	175.172	1.1485	0.0953	0.8	0.8	0.8	19.4	0.011	HDPE
ZONE 235-2526	MH-3279	MH-2833	558.21	558.36	556.77	556.75	18.4	150	0.19	1,000.00	0.4807	0.0353	1.4	1.29	1.45	18.8	0.011	HDPE
ZONE 235-2698	MH-1137	MH-5463	571.28	571.95	570.33	570.59	25.6	150	0.26	100	1.52	0.0076	1	0.8	1.21	6.6	0.011	HDPE
ZONE 235-5891	MH-5704	MH-3573	564	563.67	563.02	562.65	44	150	0.97	116.673	1.548	0.609	0.9	0.83	0.87	52.7	0.01	HDPE
ZONE 235-2792	MH-4356	MH-5467	561.57	561.98	560.62	561.02	40.1	150	0.46	100	1.52	0.0475	0.8	0.8	0.81	12.9	0.011	HDPE
ZONE 235-2676	MH-3301	MH-3302	569.31	569.12	568.27	568.17	18.5	150	0.4	190.425	1.1015	0.063	0.8	0.89	0.8	22.4	0.011	HDPE
ZONE 235-2901	MH-3309	MH-3310	562.46	562.74	561.09	560.94	18.5	150	0.6	125.01	1.3595	0.1548	1.4	1.23	1.65	26.6	0.011	HDPE
ZONE 235-6400	MH-5488	MH-5315	552.45	552.4	549.38	549.34	40.4	700	1.02	1,000.00	29.2326	26.4261	2.4	2.37	2.36	72.2	0.011	HDPE
ZONE 235-2500	MH-4153	MH-4154	558.6	558.79	555.48	555.3	24.6	150	0.6	133.549	1.3153	0.1662	3.2	2.96	3.34	27.4	0.011	HDPE
ZONE 235-5911	MH-3320	MH-3321	563.32	563.55	562.25	562.44	18.6	271	1.42	100	8.0956	2.268	0.8	0.8	0.84	41.4	0.01	HDPE
ZONE 235-2615	MH-4431	MH-2690	567.63	567.76	566.48	566.45	33.2	150	0.18	1,000.00	0.4807	0.0291	1.1	1	1.16	17.7	0.011	HDPE
ZONE 235-2943	MH-1029	MH-5195	563.88	563.63	562.92	562.68	40.8	150	0.62	166.898	1.1766	0.2425	0.8	0.81	0.8	33.1	0.011	HDPE
ZONE 235-2024	MH-156	MH-4760	554.93	554.52	553.35	553.02	33.5	700	2.39	100	92.4417	24.7268	0.8	0.88	0.8	41.3	0.011	HDPE
ZONE 235-2538	MH-5524	MH-5525	553.16	553.17	552.21	552.17	40.9	150	0.16	1,000.00	0.4807	0.0194	0.8	0.8	0.86	20.7	0.011	HDPE
ZONE 235-2717	MH-2904	MH-3360	573.07	573.08	571.93	571.95	18.9	271	0.6	740.444	2.9751	1.4169	0.9	0.88	0.86	48.1	0.01	HDPE
ZONE 235-2759	MH-543	MH-544	561.62	561.62	560.67	560.65	2.7	150	0.6	100.008	1.52	0.1167	0.8	0.8	0.83	22.3	0.011	HDPE
ZONE 235-2683	MH-3542	MH-2421	568.12	568.34	566.92	567.13	20.4	400	1.47	100	20.7858	3.6611	0.8	0.8	0.82	32.2	0.011	HDPE
ZONE 235-2556	MH-5776	MH-5451	553.09	553.17	552.14	552.22	45.3	150	0.26	550.357	0.6479	0.0491	0.8	0.8	0.8	18.6	0.011	HDPE
ZONE 235-2626	MH-3830	MH-4397	567.03	567.24	565.94	565.9	41.4	150	0.17	1,000.00	0.4807	0.0257	1.1	0.94	1.19	18	0.011	HDPE
ZONE 235-2496	MH-575	MH-576	557.66	557.66	556.71	556.71	0.2	150	0.1	1,000.00	0.4807	0.0048	0.8	0.8	0.8	5	0.011	HDPE
ZONE 235-5912	MH-3321	MH-4874	563.55	564.15	562.48	562.89	41.6	271	1.41	100	8.0956	2.2015	0.9	0.8	0.99	40.8	0.01	HDPE
ZONE 235-2905	MH-5747	MH-1043	562.96	563.47	560.56	560.48	19.9	150	0.6	263.442	0.9365	0.4009	2.5	2.25	2.84	46.2	0.011	HDPE
ZONE 235-2673	MH-5567	MH-273	569.57	569.94	568.62	568.58	41.6	150	0.15	1,000.00	0.4807	0.0177	1	0.8	1.21	28.2	0.011	HDPE
ZONE 235-6362	MH-5557	MH-4517	551.69	551.81	550.29	550.23	45.7	271	0.6	855.445	2.7679	1.7774	1.2	1.13	1.3	48.9	0.01	HDPE
ZONE 235-2501	MH-3399	MH-3400	558.53	558.69	557.58	557.56	19.2	150	0.13	1,000.00	0.4807	0.0113	0.9	0.8	0.98	11.7	0.011	HDPE
ZONE 235-2896	MH-5574	MH-360	565.15	565.55	562.84	562.59	42.3	150	0.6	167.572	1.1742	0.2196	2.5	2.16	2.81	35.5	0.011	HDPE
ZONE 235-2753	MH-625	MH-626	561.73	561.73	560.53	560.51	12.9	217	0.6	617.37	1.8014	1.0843	1	0.99	1.01	53.6	0.01	HDPE
ZONE 235-2985	MH-3668	MH-3921	565.92	565.94	564.81	564.79	23.1	150	0.23	1,000.00	0.4807	0.0698	1	0.96	1.01	21.1	0.011	HDPE
ZONE 235-2684	MH-2421	MH-2422	568.34	568.49	567.14	567.27	13.2	400	1.46	100	20.7858	3.6184	0.8	0.8	0.81	32	0.011	HDPE
ZONE 235-2552	MH-5869	MH-5407	552.58	552.51	549.52	549.45	69.4	700	1.01	1,000.00	29.2326	26.2064	2.4	2.35	2.35	72.5	0.011	HDPE
ZONE 235-2826	MH-732	MH-453	564.34	562.26	562.18	561.31	86.7	150	0.87	100	1.52	0.4281	1.4	2.01	0.8	46.1	0.011	HDPE
ZONE 235-6354	MH-6172	MH-5686	552.01	551.91	550.02	549.96	60.7	400	0.64	1,000.00	7.2303	2.9525	1.6	1.59	1.55	47.3	0.01	HDPE
ZONE 235-1999	MH-3526	MH-1055	557.85	558.14	553.86	553.88	24.7	700	1	1,000.00	29.2326	24.4823	3.4	3.3	3.56	68.1	0.011	HDPE
ZONE 235-2687	MH-1973	MH-3948	568.78	568.84	567.57	567.64	23.3	400	0.92	350.476	11.1029	3.5405	0.8	0.81	0.8	37.1	0.011	HDPE
ZONE 235-2941	MH-5108	MH-285	562.52	562.73	561.5	561.35	32.5	150	0.6	215.681	1.035	0.3047	1	0.87	1.23	44.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2516	MH-55	MH-56	557.37	557.37	556.21	556.21	0	150	0.18	(N/A)	0	0.0298	1	1.01	1.01	23	0.011	HDPE
ZONE 235-2503	MH-3418	MH-3958	558.85	559.05	557.54	557.52	23.4	150	0.17	1,000.00	0.4807	0.0257	1.3	1.16	1.38	16.9	0.011	HDPE
ZONE 235-2734	MH-610	MH-953	570.18	569.74	569.04	568.79	24.8	150	0.79	100	1.52	0.3045	0.9	0.99	0.8	32.9	0.011	HDPE
ZONE 235-2008	MH-733	MH-734	559.21	559.22	558.08	558.15	16.9	271	1	267.207	4.9525	2.334	0.8	0.86	0.8	48	0.01	HDPE
ZONE 235-6391	MH-5632	MH-3638	552.15	552.1	549.18	549.14	42.7	700	1.02	1,000.00	29.2326	26.7622	2.3	2.27	2.26	68.7	0.011	HDPE
ZONE 235-2532	MH-234	MH-1056	558.45	558.16	556.69	556.66	35.7	150	0.24	1,000.00	0.4807	0.081	1.5	1.61	1.36	22.8	0.011	HDPE
ZONE 235-6359	MH-5635	MH-5636	551.73	551.89	550.78	550.94	42.8	150	0.3	268.383	0.9278	0.0364	0.8	0.8	0.8	14.5	0.011	HDPE
ZONE 235-2647	MH-780	MH-5850	566.46	566.06	565.11	564.86	25	400	1.51	100	20.7858	4.0376	0.9	0.95	0.8	33.9	0.011	HDPE
ZONE 235-2506	MH-3974	MH-299	559.26	559.45	557.49	557.47	23.5	150	0.2	1,000.00	0.4807	0.0439	1.7	1.61	1.83	16.7	0.011	HDPE
ZONE 235-5902	MH-3978	MH-3979	560.47	560.54	559.26	559.29	23.5	271	0.6	762.806	2.9312	1.4803	1	0.94	0.98	50.8	0.01	HDPE
ZONE 235-5895	MH-3096	MH-3980	562.69	562.42	561.58	561.35	23.6	271	1.55	100	8.0956	3.1629	0.8	0.84	0.8	49.4	0.01	HDPE
ZONE 235-2583	MH-87	MH-88	560.5	560.5	559.19	559.19	0	271	0.6	(N/A)	0	1.9036	1	1.04	1.04	56.2	0.01	HDPE
ZONE 235-2935	MH-546	MH-5142	563.46	563.78	562.51	562.83	35.1	150	0.44	109.87	1.4501	0.0454	0.8	0.8	0.8	12.7	0.011	HDPE
ZONE 235-2722	MH-1528	MH-1529	572.94	572.95	571.99	572	7.7	150	0.12	830.398	0.5275	0.0067	0.8	0.8	0.8	8.8	0.011	HDPE
ZONE 235-2619	MH-3993	MH-3994	567.42	567.52	566.34	566.31	23.6	150	0.15	1,000.00	0.4807	0.0187	1	0.93	1.06	15	0.011	HDPE
ZONE 235-2789	MH-3995	MH-3996	560.77	561.04	559.82	560.05	23.7	150	0.71	100	1.52	0.2105	0.8	0.8	0.84	27.2	0.011	HDPE
ZONE 235-2984	MH-3402	MH-3668	565.81	565.92	564.83	564.81	21.3	150	0.2	1,000.00	0.4807	0.0441	0.9	0.82	0.96	23	0.011	HDPE
ZONE 235-2551	MH-5868	MH-5869	552.7	552.58	549.57	549.52	47.9	700	1.01	1,000.00	29.2326	26.1569	2.4	2.42	2.35	72.5	0.011	HDPE
ZONE 235-2499	MH-796	MH-797	557.96	557.96	556.14	556.13	12.4	150	0.25	1,000.00	0.4807	0.0997	1.7	1.66	1.68	24.9	0.011	HDPE
ZONE 235-2774	MH-105	MH-106	562.29	562.29	561.32	561.34	17.7	150	0.19	1,000.00	0.4807	0.0406	0.8	0.82	0.8	21.2	0.011	HDPE
ZONE 235-5900	MH-5664	MH-5672	560.85	560.36	559.71	559.29	42.5	271	1.59	100	8.0956	3.4911	0.8	0.86	0.8	52.1	0.01	HDPE
ZONE 235-2790	MH-3996	MH-4010	561.04	561.29	560.09	560.33	23.8	150	0.66	100	1.52	0.165	0.8	0.8	0.81	24	0.011	HDPE
ZONE 235-2975	MH-4673	MH-5161	565.67	565.63	564.65	564.68	35.3	150	0.22	1,000.00	0.4807	0.0648	0.8	0.87	0.8	23.8	0.011	HDPE
ZONE 235-2920	MH-494	MH-3778	565.34	565.45	562.42	562.49	43.2	217	0.6	656.667	1.7467	1.2044	2.7	2.71	2.75	57.4	0.01	HDPE
ZONE 235-6356	MH-5681	MH-5682	552.01	551.93	551.03	550.94	43.5	175	0.6	484.323	1.146	0.7592	0.8	0.8	0.81	53.1	0.01	HDPE
ZONE 235-2916	MH-5881	MH-5882	564.16	564.62	562.05	562.1	48.3	450	0.74	1,000.00	8.9986	7.0545	1.9	1.66	2.07	62.8	0.011	HDPE
ZONE 235-6369	MH-5685	MH-5686	552.01	551.91	549.92	549.96	43.6	400	0.6	1,000.00	6.573	3.0065	1.6	1.7	1.55	50.9	0.011	HDPE
ZONE 235-2697	MH-4022	MH-242	570.91	571.21	569.84	570.08	23.9	271	1.37	100	8.0956	2.0419	0.8	0.8	0.86	44.9	0.01	HDPE
ZONE 235-2991	MH-137	MH-138	566.35	566.35	565.4	565.4	0	150	0.17	(N/A)	0	0.0239	0.8	0.8	0.8	10.7	0.011	HDPE
ZONE 235-2863	MH-548	MH-5894	569.13	569.48	568.16	568.42	48.6	150	0.6	185.933	1.1147	0.2505	0.9	0.82	0.91	34.1	0.011	HDPE
ZONE 235-6390	MH-5182	MH-5632	552.21	552.15	549.23	549.18	43.8	700	1.02	1,000.00	29.2326	26.741	2.3	2.29	2.27	70.1	0.011	HDPE
ZONE 235-1986	MH-155	MH-156	554.93	554.93	553.98	553.98	0	150	0.12	(N/A)	0	0.0088	0.8	0.8	0.8	6.7	0.011	HDPE
ZONE 235-2629	MH-5697	MH-4686	566.78	566.92	565.83	565.79	43.9	150	0.22	1,000.00	0.4807	0.0635	0.9	0.8	0.98	27.3	0.011	HDPE
ZONE 235-5910	MH-4048	MH-3320	562.96	563.32	561.89	562.13	24	271	1.42	100	8.0956	2.3042	0.9	0.8	0.92	47.9	0.01	HDPE
ZONE 235-6373	MH-5282	MH-5705	552.17	552.11	550.82	550.65	44	150	0.6	254.856	0.9521	0.3826	1.3	1.2	1.31	41.9	0.011	HDPE
ZONE 235-2002	MH-887	MH-888	558.45	558.45	557.37	557.38	16.7	271	0.6	988.947	2.5743	2.4431	0.8	0.81	0.8	56.8	0.01	HDPE
ZONE 235-2021	MH-3235	MH-4151	559.76	559.36	554.67	554.92	44.1	150	0.6	178.182	1.1387	0.2402	4.6	4.94	4.29	31.2	0.011	HDPE
ZONE 235-2672	MH-5306	MH-5912	570.08	570.27	568.95	569.32	49.2	150	0.6	131.793	1.3241	0.1627	0.9	0.98	0.8	28.5	0.011	HDPE
ZONE 235-6384	MH-5913	MH-5914	552.1	552.02	550.61	550.43	49.2	150	0.6	282.607	0.9042	0.4443	1.4	1.34	1.44	46.1	0.011	HDPE
ZONE 235-1987	MH-5155	MH-4924	555.37	555.83	553.57	553.61	36	700	1	1,000.00	29.2326	24.695	1.3	1.1	1.52	53.9	0.011	HDPE
ZONE 235-2854	MH-4071	MH-944	568.99	568.85	568.04	567.9	24.2	150	0.34	172.654	1.1568	0.0348	0.8	0.8	0.8	20.5	0.011	HDPE
ZONE 235-2523	MH-5080	MH-702	556.52	556.18	555.57	555.23	44.2	150	0.44	129.351	1.3365	0.0554	0.8	0.8	0.8	14.3	0.011	HDPE
ZONE 235-5931	MH-2231	MH-3921	565.2	565.94	564.13	564.67	56.9	271	1.35	105.719	7.8736	2.0451	0.9	0.8	1.01	39.5	0.01	HDPE
ZONE 235-2587	MH-223	MH-224	561.07	561.07	560.12	560.12	0	150	0.23	(N/A)	0	0.068	0.8	0.8	0.8	18.3	0.011	HDPE
ZONE 235-2947	MH-231	MH-232	562.85	562.85	561.9	561.88	5.1	150	0.6	281.67	0.9057	0.4421	0.8	0.8	0.82	46	0.011	HDPE
ZONE 235-2908	MH-4264	MH-5734	563.78	564.2	562.81	563.25	44.4	150	0.65	101.799	1.5065	0.16	0.8	0.82	0.8	27.8	0.011	HDPE
ZONE 235-2972	MH-237	MH-238	565.23	565.23	563.94	563.95	0	150	0.6	(N/A)	0	0.2129	1.1	1.13	1.13	29.1	0.011	HDPE
ZONE 235-6375	MH-5705	MH-5792	552.11	552.01	549.87	549.81	57.4	400	0.64	1,000.00	6.573	3.8504	1.8	1.83	1.8	55.1	0.011	HDPE
ZONE 235-2739	MH-241	MH-242	571.21	571.21	570.14	570.08	16	271	0.98	251.676	5.103	2.0179	0.8	0.8	0.86	44.4	0.01	HDPE
ZONE 235-2618	MH-4096	MH-3993	567.31	567.42	566.36	566.34	24.4	150	0.12	1,000.00	0.4807	0.0079	0.9	0.8	0.93	11.1	0.011	HDPE
ZONE 235-2946	MH-5196	MH-5312	563.39	563.1	562.44	562.15	44.6	150	0.69	153.689	1.2261	0.3319	0.8	0.8	0.8	38.1	0.011	HDPE
ZONE 235-2575	MH-259	MH-260	561.42	561.42	560.47	560.47	0	150	0.13	(N/A)	0	0.0109	0.8	0.8	0.8	7.4	0.011	HDPE
ZONE 235-2582	MH-265	MH-266	560.72	560.72	559.29	559.29	0	271	0.6	(N/A)	0	1.7216	1.2	1.16	1.16	57.2	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2669	MH-273	MH-274	569.94	569.94	568.74	568.85	21.4	150	0.6	199.004	1.0775	0.2738	1	1.05	0.94	33.9	0.011	HDPE
ZONE 235-2508	MH-3873	MH-3561	557.08	557.07	556.13	556.11	24.4	150	0.12	1,000.00	0.4807	0.0079	0.8	0.8	0.81	10.2	0.011	HDPE
ZONE 235-2574	MH-260	MH-2609	561.42	561.12	560.4	560.06	45	150	0.6	131.451	1.3258	0.1643	0.9	0.87	0.91	26.9	0.011	HDPE
ZONE 235-2796	MH-277	MH-278	560.41	560.41	558.41	558.44	26	700	0.97	1,000.00	29.2326	20.9278	1.3	1.3	1.28	57.3	0.011	HDPE
ZONE 235-2597	MH-3909	MH-4116	561.61	561.79	560.59	560.39	24.5	150	0.6	119.123	1.3927	0.1451	1.1	0.87	1.25	27.5	0.011	HDPE
ZONE 235-2952	MH-285	MH-286	562.73	562.73	561.76	561.78	5.4	150	0.6	285.608	0.8994	0.4513	0.8	0.82	0.8	46.6	0.011	HDPE
ZONE 235-2718	MH-3360	MH-3466	573.08	573.09	572	572.03	19.8	217	0.6	697.016	1.6954	1.3529	0.9	0.86	0.84	55.5	0.01	HDPE
ZONE 235-2545	MH-6295	MH-5815	553	553.05	551.82	551.76	67.8	150	0.24	1,000.00	0.4807	0.0802	1.1	1.03	1.14	29.6	0.011	HDPE
ZONE 235-2001	MH-1055	MH-1056	558.14	558.16	553.88	553.91	21.3	700	1	1,000.00	29.2326	24.4736	3.6	3.56	3.56	68.2	0.011	HDPE
ZONE 235-2748	MH-3478	MH-2952	572.92	572.69	571.62	571.58	19.9	271	0.72	551.047	3.4487	1.8558	0.9	1.03	0.84	46.7	0.01	HDPE
ZONE 235-2805	MH-307	MH-308	562.12	562.12	560.07	560.1	19.8	217	0.6	591.003	1.8412	1.0115	1.8	1.83	1.8	54.5	0.01	HDPE
ZONE 235-2510	MH-3562	MH-3492	557.29	557.57	556.09	556.06	24.6	150	0.16	1,000.00	0.4807	0.0218	1.2	1.06	1.36	15.7	0.011	HDPE
ZONE 235-2878	MH-5782	MH-5092	566.55	566.14	565.6	565.19	45.5	150	0.6	108.689	1.458	0.1303	0.8	0.8	0.8	21.5	0.011	HDPE
ZONE 235-2022	MH-4151	MH-4152	559.36	559.13	554.92	555.07	24.6	150	0.6	165.322	1.1822	0.2164	4.1	4.29	3.91	30.7	0.011	HDPE
ZONE 235-2511	MH-3492	MH-3493	557.57	557.78	556.06	556.04	20	150	0.18	1,000.00	0.4807	0.0311	1.5	1.36	1.59	17.8	0.011	HDPE
ZONE 235-5915	MH-2626	MH-2231	564.81	565.2	563.74	564.03	28.5	271	1.38	100	8.0956	2.0787	0.8	0.8	0.9	39.6	0.01	HDPE
ZONE 235-6382	MH-5150	MH-5791	552.26	552.2	550.99	550.82	45.8	150	0.6	268.6	0.9275	0.4126	1.2	1.12	1.23	46.7	0.011	HDPE
ZONE 235-6376	MH-5792	MH-5793	552.01	551.95	549.81	549.77	45.8	400	0.64	1,000.00	6.573	3.8681	1.8	1.8	1.78	56.3	0.011	HDPE
ZONE 235-2992	MH-4601	MH-137	566.28	566.35	565.14	565.1	45.9	150	0.25	1,000.00	0.4807	0.1039	1	0.98	1.1	25.9	0.011	HDPE
ZONE 235-5897	MH-2280	MH-2281	561.94	561.74	560.79	560.67	12.2	271	1.57	100	8.0956	3.2757	0.8	0.87	0.8	50.6	0.01	HDPE
ZONE 235-2795	MH-278	MH-5795	560.41	561.06	559.16	559.62	45.9	450	1.82	100	28.456	8.2191	0.9	0.8	0.98	42	0.011	HDPE
ZONE 235-2876	MH-359	MH-360	565.55	565.55	563.87	563.86	0.1	175	0.6	(N/A)	0	0.686	1.5	1.51	1.51	45.9	0.01	HDPE
ZONE 235-2911	MH-690	MH-5031	563.51	563.66	562.43	562.71	33.4	150	0.6	121.611	1.3784	0.1488	0.9	0.92	0.8	23.3	0.011	HDPE
ZONE 235-6374	MH-5705	MH-5685	552.11	552.01	549.87	549.92	46.1	400	0.62	1,000.00	6.573	3.4551	1.8	1.83	1.7	53.6	0.011	HDPE
ZONE 235-2663	MH-4386	MH-930	565.65	565.3	563.11	562.97	52.2	150	0.6	369.276	0.8701	0.5001	2.3	2.39	2.18	49.9	0.01	HDPE
ZONE 235-2009	MH-5034	MH-4725	559.57	559.92	558.5	558.83	33.4	271	1.42	100	8.0956	2.2611	0.8	0.8	0.82	41.3	0.01	HDPE
ZONE 235-2728	MH-369	MH-370	570.53	570.53	569.58	569.56	18.1	150	0.2	1,000.00	0.4807	0.0425	0.8	0.8	0.82	26	0.011	HDPE
ZONE 235-2768	MH-371	MH-372	561.94	561.94	560.78	560.78	0.1	150	0.6	(N/A)	0	0.1977	1	1.01	1.01	29.2	0.011	HDPE
ZONE 235-2695	MH-5054	MH-4022	570.46	570.91	569.39	569.84	46.4	271	1.37	103.839	7.9446	2.0981	0.8	0.8	0.8	45.5	0.01	HDPE
ZONE 235-2546	MH-5815	MH-5816	553.05	553.1	551.76	551.71	46.4	150	0.26	1,000.00	0.4807	0.1087	1.2	1.14	1.24	29.1	0.011	HDPE
ZONE 235-2754	MH-3521	MH-5819	561.64	561.36	560.49	560.34	46.5	217	0.8	300.264	2.5831	1.147	0.9	0.93	0.8	46.1	0.01	HDPE
ZONE 235-2847	MH-5821	MH-585	568.17	567.83	567.22	566.88	43.8	150	0.6	128.62	1.3403	0.1594	0.8	0.8	0.8	24.3	0.011	HDPE
ZONE 235-2537	MH-1840	MH-234	558.49	558.45	557.54	557.5	9.7	150	0.23	233.63	0.9945	0.0117	0.8	0.8	0.8	7.1	0.011	HDPE
ZONE 235-2893	MH-426	MH-5574	564.45	565.15	563.36	562.84	71.8	150	0.6	137.403	1.2967	0.1742	1.5	0.93	2.16	28.4	0.011	HDPE
ZONE 235-2678	MH-779	MH-4310	566.47	566.92	565.27	565.59	32.4	400	1.49	100	20.7858	3.8978	0.9	0.8	0.93	37.8	0.011	HDPE
ZONE 235-2694	MH-4690	MH-5054	570.14	570.46	569.06	569.39	33.8	271	1.38	102.937	7.9793	2.1471	0.8	0.8	0.8	45.9	0.01	HDPE
ZONE 235-2589	MH-224	MH-2404	561.07	560.96	560.12	560.01	20.5	150	0.42	185.366	1.1164	0.0754	0.8	0.8	0.8	18.2	0.011	HDPE
ZONE 235-2987	MH-3921	MH-137	565.94	566.35	564.67	564.98	33.8	271	1.31	108.43	7.7746	1.9145	1.1	1.01	1.1	43.8	0.01	HDPE
ZONE 235-2784	MH-421	MH-422	562.7	562.7	561.6	561.57	15.2	175	0.6	481.309	1.1496	0.7511	0.9	0.92	0.96	52.1	0.01	HDPE
ZONE 235-2727	MH-370	MH-6087	570.53	571.1	569.56	570.15	61.4	150	0.64	103.828	1.4917	0.1533	0.8	0.82	0.8	27.5	0.011	HDPE
ZONE 235-2894	MH-425	MH-426	564.44	564.45	563.49	563.49	0.1	150	0.13	(N/A)	0	0.0096	0.8	0.8	0.8	6.9	0.011	HDPE
ZONE 235-2563	MH-5848	MH-6024	553.02	553.1	549.73	549.79	53.6	700	1.01	1,000.00	29.2326	25.643	2.6	2.59	2.61	72	0.011	HDPE
ZONE 235-2836	MH-5070	MH-5071	571.55	571.67	569.91	569.87	33.9	271	0.6	898.658	2.7006	1.9397	1.4	1.37	1.53	51.1	0.01	HDPE
ZONE 235-2612	MH-447	MH-448	568.11	568.11	567.07	567.1	14	217	0.6	521.488	1.9601	0.8391	0.8	0.83	0.8	41.1	0.01	HDPE
ZONE 235-2699	MH-534	MH-4393	570.47	570.39	569.52	569.33	34	150	0.6	182.411	1.1254	0.248	0.9	0.8	0.91	33.6	0.011	HDPE
ZONE 235-2841	MH-5078	MH-4555	569.72	569.41	568.52	568.21	34.2	400	1.45	110.252	19.7958	4.0065	0.8	0.8	0.8	38.4	0.011	HDPE
ZONE 235-6358	MH-4517	MH-5635	551.81	551.73	550.36	550.78	54	150	0.45	128.072	1.3431	0.0602	1.1	1.3	0.8	14.9	0.011	HDPE
ZONE 235-2897	MH-5855	MH-5340	565.13	564.66	564.18	563.71	47.6	150	0.44	100.82	1.5138	0.0407	0.8	0.8	0.8	15.9	0.011	HDPE
ZONE 235-2522	MH-5079	MH-5080	556.75	556.52	555.8	555.57	34.2	150	0.39	149.909	1.2415	0.0437	0.8	0.8	0.8	14.1	0.011	HDPE
ZONE 235-2939	MH-5860	MH-5108	562.86	562.52	561.75	561.5	47.7	150	0.6	189.083	1.1054	0.2569	0.9	0.95	0.87	34.7	0.011	HDPE
ZONE 235-2677	MH-3302	MH-1010	569.12	569.01	568.17	568.05	75.2	150	0.31	623.276	0.6088	0.1128	0.8	0.8	0.81	42.1	0.011	HDPE
ZONE 235-2821	MH-6360	MH-5600	567.23	565.37	565.17	564.42	75.2	150	0.7	100	1.52	0.1967	1.4	1.91	0.8	26.2	0.011	HDPE
ZONE 235-2777	MH-762	MH-2647	562.59	562.92	561.62	561.94	34.4	175	1.04	106.878	2.4396	0.7277	0.8	0.8	0.81	51.8	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2976	MH-517	MH-518	565.01	565.01	563.78	563.78	0.1	150	0.26	(N/A)	0	0.1154	1.1	1.08	1.08	23.7	0.011	HDPE
ZONE 235-2881	MH-5092	MH-173	566.14	565.94	564.26	564.1	34.4	150	0.6	219.06	1.027	0.312	1.7	1.73	1.69	41	0.011	HDPE
ZONE 235-5921	MH-4631	MH-2688	563.98	563.31	562.7	562.36	34.5	150	0.71	100	1.52	0.2076	1	1.13	0.8	27	0.011	HDPE
ZONE 235-2763	MH-4937	MH-543	561.89	561.62	560.94	560.67	33.7	150	0.48	128.344	1.3417	0.0747	0.8	0.8	0.8	19.6	0.011	HDPE
ZONE 235-2547	MH-527	MH-528	552.91	552.9	549.69	549.66	24.5	700	1.01	1,000.00	29.2326	26.0018	2.5	2.52	2.54	72.4	0.011	HDPE
ZONE 235-2843	MH-4556	MH-5667	569.17	568.74	567.97	567.54	48.2	400	1.46	112.349	19.6102	4.1766	0.8	0.8	0.8	39	0.011	HDPE
ZONE 235-2809	MH-5105	MH-307	562.08	562.12	561.13	561.09	34.6	150	0.22	1,000.00	0.4807	0.0578	0.8	0.8	0.88	19.2	0.011	HDPE
ZONE 235-2936	MH-545	MH-546	563.45	563.46	562.5	562.5	0.1	150	0.13	(N/A)	0	0.0118	0.8	0.8	0.8	7.6	0.011	HDPE
ZONE 235-5936	MH-4817	MH-4771	562.47	561.81	561.21	560.86	34.7	150	0.9	100	1.52	0.478	1	1.11	0.8	41.6	0.011	HDPE
ZONE 235-2910	MH-639	MH-5889	563.12	563.29	562.17	562.34	50	150	0.39	304.118	0.8716	0.1006	0.8	0.8	0.8	21.5	0.011	HDPE
ZONE 235-2665	MH-6242	MH-1010	568.58	569.01	567.63	568.05	64.2	150	0.91	151.874	1.3568	0.7085	0.8	0.8	0.81	57.4	0.01	HDPE
ZONE 235-1979	MH-6081	MH-6243	565.74	565.15	564.14	564.2	64.6	150	0	1,000.00	0.4807	0	1.1	1.46	0.8	0	0.011	HDPE
ZONE 235-5904	MH-3640	MH-1848	560.55	560.56	559.33	559.35	21.2	271	0.6	744.303	2.9674	1.4276	0.9	0.95	0.93	48.8	0.01	HDPE
ZONE 235-2007	MH-734	MH-5034	559.22	559.57	558.15	558.49	34.8	271	1.42	100	8.0956	2.3042	0.8	0.8	0.8	47.6	0.01	HDPE
ZONE 235-2798	MH-5899	MH-5375	561.73	562.28	560.48	560.96	48.6	450	1.81	100	28.456	8.0714	0.8	0.8	0.87	41.6	0.011	HDPE
ZONE 235-2758	MH-3652	MH-3653	561.92	561.79	560.97	560.84	21.3	150	0.28	160.721	1.199	0.0154	0.8	0.8	0.8	9.5	0.011	HDPE
ZONE 235-2668	MH-599	MH-600	569.34	569.34	568.12	568.21	25.6	150	0.6	277.309	0.9128	0.4324	1	1.07	0.98	47.8	0.011	HDPE
ZONE 235-2775	MH-106	MH-3396	562.29	562.48	561.34	561.48	13.6	150	0.37	100	1.52	0.0237	0.8	0.8	0.85	14.7	0.011	HDPE
ZONE 235-2023	MH-4152	MH-4154	559.13	558.79	555.07	555.3	35	150	0.6	152.497	1.2309	0.1975	3.6	3.91	3.34	29.2	0.011	HDPE
ZONE 235-2732	MH-609	MH-610	570.18	570.18	569.22	569.04	19.7	150	0.76	109.028	1.4557	0.2916	0.9	0.81	0.99	35.3	0.011	HDPE
ZONE 235-2704	MH-5130	MH-5131	570.06	570.02	568.96	568.88	35	175	0.6	446.759	1.1932	0.6648	0.9	0.92	0.96	55.3	0.01	HDPE
ZONE 235-2675	MH-5136	MH-3301	569.26	569.01	568.31	568.27	35	150	0.16	1,000.00	0.4807	0.0194	0.8	0.8	0.89	14.8	0.011	HDPE
ZONE 235-2006	MH-5171	MH-733	558.83	559.21	557.76	558.08	32.6	271	1.43	100	8.0956	2.3694	0.8	0.8	0.86	48.4	0.01	HDPE
ZONE 235-2884	MH-5154	MH-5092	565.65	566.14	564.31	564.26	49.3	150	0.25	1,000.00	0.4807	0.1004	1.5	1.19	1.73	34	0.011	HDPE
ZONE 235-2902	MH-639	MH-640	563.12	563.13	560.74	560.62	27.9	150	0.6	230.361	1.0015	0.3325	2.3	2.23	2.36	40.2	0.011	HDPE
ZONE 235-6381	MH-5149	MH-5150	552.32	552.26	551.12	550.99	35.1	150	0.6	263.191	0.9369	0.4004	1.1	1.04	1.12	45.6	0.011	HDPE
ZONE 235-2785	MH-649	MH-650	563.55	563.55	562.6	562.6	0.2	150	0.41	131.417	1.3259	0.0432	0.8	0.8	0.8	12.7	0.011	HDPE
ZONE 235-2804	MH-657	MH-658	560.35	560.35	558.59	558.62	28.6	600	0.86	1,000.00	19.3795	12.6552	1.1	1.16	1.13	55.7	0.011	HDPE
ZONE 235-2883	MH-2923	MH-5154	565.29	565.65	564.34	564.31	35.2	150	0.21	1,000.00	0.4807	0.0529	1	0.8	1.19	26.4	0.011	HDPE
ZONE 235-1985	MH-156	MH-5155	554.93	555.37	553.35	553.57	35.2	700	2.02	159.768	73.1346	24.7107	1	0.88	1.1	47.5	0.011	HDPE
ZONE 235-2521	MH-5157	MH-5079	556.88	556.75	555.93	555.8	35.2	150	0.29	257.232	0.9477	0.0297	0.8	0.8	0.8	12.6	0.011	HDPE
ZONE 235-2770	MH-372	MH-5932	561.94	562.41	560.99	561.46	49.7	150	0.43	106.642	1.4719	0.0407	0.8	0.8	0.8	12	0.011	HDPE
ZONE 235-2689	MH-4655	MH-5933	568.95	569.46	567.75	568.24	49.7	400	1.44	100	20.7858	3.4434	0.8	0.8	0.82	35.7	0.011	HDPE
ZONE 235-2707	MH-954	MH-1942	569.73	569.66	568.64	568.6	27.2	217	0.6	636.72	1.7739	1.1414	0.9	0.87	0.85	51.9	0.01	HDPE
ZONE 235-2561	MH-5540	MH-5934	553.1	553.08	552.08	552.13	49.8	150	0.19	1,000.00	0.4807	0.0408	0.8	0.86	0.8	18.8	0.011	HDPE
ZONE 235-2962	MH-5938	MH-493	565.16	565.34	564.21	564.16	48.6	150	0.24	1,000.00	0.4807	0.0879	0.9	0.8	1.03	23.7	0.011	HDPE
ZONE 235-2005	MH-4896	MH-5171	558.65	558.83	557.55	557.76	35.4	271	1.18	172.233	6.1687	2.4084	0.8	0.83	0.8	48.7	0.01	HDPE
ZONE 235-1990	MH-701	MH-702	556.17	556.18	553.63	553.64	12.3	700	1	1,000.00	29.2326	24.6735	1.8	1.85	1.84	62.6	0.011	HDPE
ZONE 235-1992	MH-4854	MH-4189	556.73	557.07	553.7	553.74	35.5	700	1	1,000.00	29.2326	24.5743	2.5	2.33	2.63	66.1	0.011	HDPE
ZONE 235-6389	MH-5181	MH-5182	552.28	552.21	549.26	549.23	35.6	700	1.02	1,000.00	29.2326	26.6545	2.3	2.32	2.29	71	0.011	HDPE
ZONE 235-2534	MH-5183	MH-233	558.19	558.45	557.24	557.21	35.7	150	0.12	1,000.00	0.4807	0.0081	0.9	0.8	1.09	7.3	0.011	HDPE
ZONE 235-2632	MH-379	MH-1515	566.83	566.84	565.07	565.08	7.9	271	0.6	798.542	2.8648	1.5896	1.5	1.49	1.48	54.8	0.01	HDPE
ZONE 235-2786	MH-4852	MH-649	563.04	563.55	561.76	561.99	50.7	450	1.32	220.889	19.1464	7.1942	1	0.83	1.11	44.4	0.011	HDPE
ZONE 235-2580	MH-751	MH-752	560.55	560.55	559.23	559.22	7.8	271	0.6	887.306	2.7178	1.8928	1.1	1.05	1.06	58.8	0.01	HDPE
ZONE 235-2801	MH-3736	MH-657	560.41	560.35	558.56	558.59	30.2	600	0.86	1,000.00	19.3795	12.6831	1.2	1.25	1.16	54.4	0.011	HDPE
ZONE 235-2548	MH-5816	MH-527	553.1	552.91	551.71	551.33	51.7	150	0.6	136.077	1.303	0.1693	1.3	1.24	1.43	25.2	0.011	HDPE
ZONE 235-2645	MH-779	MH-780	566.47	566.46	565.27	565.11	25.6	400	1.25	166.458	16.1107	3.9813	0.9	0.8	0.95	38.1	0.011	HDPE
ZONE 235-2690	MH-5933	MH-1941	569.46	569.56	568.24	568.36	51.4	400	0.84	444.181	9.8625	3.3691	0.8	0.82	0.8	37.5	0.011	HDPE
ZONE 235-2852	MH-2751	MH-6312	568.26	567.84	565.97	565.9	69	400	0.68	1,000.00	6.573	5.0475	1.7	1.89	1.54	56.4	0.011	HDPE
ZONE 235-2898	MH-426	MH-3422	564.45	564.33	563.36	563.38	19.4	150	0.21	1,000.00	0.4807	0.0527	0.9	0.93	0.8	24.7	0.011	HDPE
ZONE 235-2965	MH-3756	MH-3757	564.71	564.7	563.17	563.23	21.9	150	0.6	355.756	0.8865	0.4721	1.4	1.39	1.32	54.2	0.01	HDPE
ZONE 235-2735	MH-846	MH-847	572.29	572.28	571.21	571.2	12	150	0.24	1,000.00	0.4807	0.085	0.9	0.93	0.93	23	0.011	HDPE
ZONE 235-5929	MH-3451	MH-1847	560.81	560.64	559.85	559.69	16.2	150	0.92	100	1.52	0.5334	0.8	0.81	0.8	48.1	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2918	MH-5882	MH-1067	564.62	565.11	562.1	562.15	52.4	450	0.74	1,000.00	8.9986	7.0042	2.3	2.07	2.5	64.1	0.011	HDPE
ZONE 235-2960	MH-493	MH-494	565.34	565.34	562.41	562.42	6.2	217	0.6	662.352	1.7392	1.2221	2.7	2.71	2.71	50.3	0.01	HDPE
ZONE 235-2540	MH-6340	MH-6341	553.4	553.51	552.02	551.53	72.8	150	0.6	148.751	1.2463	0.191	1.5	1.23	1.83	32.6	0.011	HDPE
CO-323	MH-2122	MH-2852	572.77	572.9	571.78	571.77	10.3	150	0.16	1,000.00	0.4807	0.0232	0.9	0.85	0.99	17.4	0.011	HDPE
ZONE 235-6367	MH-6345	MH-4516	552	551.88	551.05	550.33	73.5	150	0.29	101.691	1.5073	0.0103	1.1	0.8	1.4	6.1	0.011	HDPE
ZONE 235-2650	MH-929	MH-930	565.32	565.3	564.12	564.1	11.9	400	0.79	618.285	8.3593	4.216	0.8	0.8	0.8	43	0.011	HDPE
ZONE 235-2549	MH-528	MH-6021	552.9	552.75	549.66	549.63	31.2	700	1.01	1,000.00	29.2326	26.0291	2.5	2.54	2.42	72.4	0.011	HDPE
ZONE 235-2705	MH-953	MH-954	569.74	569.73	568.68	568.64	24.2	217	0.6	630.948	1.7819	1.1236	0.9	0.84	0.87	56.7	0.01	HDPE
ZONE 235-2497	MH-3496	MH-796	557.95	557.96	556.15	556.14	7.6	150	0.25	1,000.00	0.4807	0.0961	1.7	1.65	1.66	29.7	0.011	HDPE
ZONE 235-2625	MH-3829	MH-3830	566.91	567.03	565.96	565.94	22.4	150	0.12	1,000.00	0.4807	0.0084	0.9	0.8	0.94	12.3	0.011	HDPE
ZONE 235-5901	MH-5672	MH-3978	560.36	560.47	559.18	559.26	60.1	271	0.6	784.947	2.8896	1.5486	0.9	0.91	0.94	50.8	0.01	HDPE
ZONE 235-2990	MH-4600	MH-4601	566.12	566.28	565.17	565.14	28.8	150	0.22	1,000.00	0.4807	0.0597	0.9	0.8	0.98	27.6	0.011	HDPE
ZONE 235-2017	MH-299	MH-984	559.45	559.47	554.07	554.07	2	700	0.98	1,000.00	29.2326	21.7633	4.7	4.68	4.7	65.5	0.011	HDPE
ZONE 235-2658	MH-2217	MH-2218	565	565	563.82	563.69	24.1	150	0.63	194.694	1.0894	0.3096	1.1	1.03	1.16	36.8	0.011	HDPE
ZONE 235-1981	MH-6213	MH-6214	567.78	567.27	566.83	566.32	63	150	0	124.022	1.3649	0	0.8	0.8	0.8	0	0.011	HDPE
ZONE 235-5918	MH-4350	MH-2888	565.2	564.74	564.08	563.79	28.9	150	0.59	100	1.52	0.1103	0.9	0.98	0.8	19.6	0.011	HDPE
ZONE 235-2752	MH-626	MH-3521	561.73	561.64	560.51	560.49	8.9	217	0.6	624.764	1.7907	1.1054	1	1.01	0.93	49.5	0.01	HDPE
ZONE 235-2512	MH-3493	MH-3036	557.78	557.94	556.04	556.02	20.2	150	0.19	1,000.00	0.4807	0.037	1.7	1.59	1.77	20	0.011	HDPE
ZONE 235-2664	MH-1010	MH-1011	569.01	569.03	568.05	568.08	10.5	150	0.6	369.503	0.8698	0.5005	0.8	0.81	0.8	54.7	0.01	HDPE
ZONE 235-1998	MH-3525	MH-3526	557.73	557.85	553.84	553.86	20.2	700	1	1,000.00	29.2326	24.4912	3.2	3.19	3.3	67.9	0.011	HDPE
ZONE 235-5896	MH-3980	MH-2280	562.42	561.94	561.16	560.87	29	271	1.56	100	8.0956	3.2195	0.9	0.99	0.8	49.9	0.01	HDPE
ZONE 235-2738	MH-3529	MH-3086	571.83	571.49	570.68	570.54	14.1	150	0.57	100	1.52	0.0958	0.9	0.99	0.8	18.3	0.011	HDPE
ZONE 235-2634	MH-1515	MH-2605	566.84	567.07	565.08	565.11	20.3	271	0.6	787.113	2.8856	1.5544	1.6	1.48	1.69	53.7	0.01	HDPE
ZONE 235-2986	MH-137	MH-1027	566.35	566.38	565.03	565.03	3	271	0.6	854.954	2.7687	1.7757	1.1	1.05	1.08	44.7	0.01	HDPE
ZONE 235-2944	MH-1028	MH-1029	563.89	563.88	562.94	562.92	24	150	0.25	1,000.00	0.4807	0.095	0.8	0.8	0.81	30.8	0.011	HDPE
ZONE 235-2802	MH-1035	MH-1036	561.59	561.63	560.01	560.04	19.8	217	0.6	635.634	1.7754	1.1375	1.4	1.36	1.38	51.1	0.01	HDPE
ZONE 235-6379	MH-5531	MH-6522	552.3	552.14	551.03	550.91	102.9	271	0.6	860.213	2.7602	1.7942	1	1	0.96	49.8	0.01	HDPE
ZONE 235-2927	MH-519	MH-1038	563.61	563.58	562.17	562.13	20	175	0.6	430.527	1.2155	0.6277	1.3	1.26	1.28	50.7	0.01	HDPE
ZONE 235-2862	MH-2251	MH-944	568.95	568.85	568	567.9	20.4	150	0.37	203.397	1.0658	0.0531	0.8	0.8	0.8	22.1	0.011	HDPE
ZONE 235-2907	MH-1043	MH-690	563.47	563.51	560.48	560.38	29	150	0.6	275.231	0.9162	0.4278	2.9	2.84	2.98	45	0.011	HDPE
ZONE 235-2933	MH-546	MH-519	563.46	563.61	562.25	562.2	52.1	150	0.26	1,000.00	0.4807	0.1083	1.2	1.05	1.26	36.9	0.011	HDPE
ZONE 235-2633	MH-3137	MH-379	566.82	566.83	565.74	565.54	22.5	150	0.6	116.413	1.4088	0.1412	1	0.93	1.14	22.6	0.011	HDPE
ZONE 235-2509	MH-3561	MH-3562	557.07	557.29	556.11	556.09	20.5	150	0.14	1,000.00	0.4807	0.0139	0.9	0.81	1.06	12.9	0.011	HDPE
ZONE 235-2917	MH-1067	MH-1068	565.11	565.14	562.15	562.17	13.9	450	0.74	1,000.00	8.9986	6.9408	2.5	2.5	2.52	64.5	0.011	HDPE
ZONE 235-2967	MH-622	MH-3572	565.18	565.4	564.23	564.35	20.6	150	0.4	169.642	1.167	0.0578	0.9	0.8	0.91	15.1	0.011	HDPE
ZONE 235-5892	MH-3573	MH-3574	563.67	563.39	562.65	562.44	20.7	150	1.06	100	1.672	0.6756	0.8	0.87	0.8	48.9	0.01	HDPE
ZONE 235-1983	MH-6081	MH-5346	565.74	565.34	564.14	564.08	56.3	150	0	1,000.00	0.4807	0	1.3	1.46	1.1	0	0.011	HDPE
ZONE 235-2811	MH-1097	MH-1098	560.31	560.31	558.78	558.78	4.1	500	0.81	1,000.00	11.9177	11.0559	1	1.04	1.03	68.3	0.011	HDPE
ZONE 235-2729	MH-6087	MH-6088	571.1	571.96	570.15	570.71	56.5	150	0.54	100	1.52	0.0803	0.9	0.8	1.1	21.6	0.011	HDPE
ZONE 235-2621	MH-2300	MH-1734	567.65	567.71	566.28	566.27	12.3	150	0.18	1,000.00	0.4807	0.034	1.3	1.22	1.29	14.7	0.011	HDPE
ZONE 235-2578	MH-4400	MH-2807	560.81	560.61	559.78	559.61	27	150	0.6	166.539	1.1779	0.2181	0.9	0.88	0.84	29.4	0.011	HDPE
ZONE 235-2750	MH-2953	MH-3590	572.49	572.56	571.42	571.39	20.8	271	0.6	883.794	2.7232	1.8816	0.8	0.8	0.9	49.4	0.01	HDPE
ZONE 235-2596	MH-3908	MH-3909	561.75	561.61	560.8	560.59	23	150	0.6	109.712	1.4512	0.1315	0.8	0.8	0.87	23.7	0.011	HDPE
ZONE 235-2970	MH-622	MH-237	565.18	565.23	563.37	563.61	56.8	150	0.6	240.004	0.9812	0.3518	1.6	1.66	1.47	44.2	0.011	HDPE
ZONE 235-2913	MH-5031	MH-5715	563.66	563.97	562.71	563.02	56.9	150	0.45	179.379	1.1349	0.0865	0.8	0.8	0.8	21.7	0.011	HDPE
ZONE 235-2584	MH-752	MH-88	560.55	560.5	559.22	559.19	20.8	271	0.6	889.312	2.7147	1.9007	1	1.06	1.04	57.4	0.01	HDPE
ZONE 235-2696	MH-242	MH-1137	571.21	571.28	570.2	570.33	19	150	0.29	142.301	1.2742	0.0149	0.8	0.86	0.8	7.6	0.011	HDPE
ZONE 235-5926	MH-3609	MH-3610	561.68	561.36	560.62	560.41	20.9	150	0.86	100	1.52	0.414	0.9	0.91	0.8	38.6	0.011	HDPE
ZONE 235-2653	MH-4306	MH-4676	563.95	563.38	562.47	562.18	29.6	400	1.6	100	20.7858	5.0213	0.9	1.08	0.8	38	0.011	HDPE
ZONE 235-2797	MH-5795	MH-5899	561.06	561.73	559.81	560.38	57.6	450	1.82	100	28.456	8.1432	0.8	0.8	0.89	41.7	0.011	HDPE
ZONE 235-2851	MH-2750	MH-2751	568.13	568.26	566.28	566.22	15.4	150	0.6	243.214	0.9747	0.3588	1.8	1.7	1.89	40.2	0.011	HDPE
ZONE 235-2598	MH-4116	MH-4644	561.79	561.37	560.39	560.05	57.7	150	0.6	170.49	1.1641	0.2275	1.2	1.25	1.17	32.7	0.011	HDPE
ZONE 235-2609	MH-3622	MH-3623	567.82	567.95	565.62	565.54	21	150	0.6	240.818	0.9795	0.3535	2.2	2.05	2.26	41.7	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6383	MH-5791	MH-5913	552.2	552.1	550.82	550.61	57.8	150	0.6	274.77	0.917	0.4267	1.3	1.23	1.34	48.1	0.011	HDPE
ZONE 235-2591	MH-2405	MH-2048	560.88	560.66	559.92	559.71	21.1	150	0.57	100	1.52	0.0985	0.8	0.82	0.8	18.5	0.011	HDPE
ZONE 235-5928	MH-3631	MH-3451	560.99	560.81	560.04	559.85	21.1	150	0.88	109.449	1.4529	0.5062	0.8	0.8	0.81	47.2	0.011	HDPE
ZONE 235-6393	MH-3639	MH-2785	552.01	552.12	549.12	549.06	56.1	700	1.02	1,000.00	29.2326	26.7885	2.3	2.19	2.36	63.5	0.011	HDPE
ZONE 235-6392	MH-3638	MH-3639	552.1	552.01	549.14	549.12	21.1	700	1.02	1,000.00	29.2326	26.778	2.2	2.26	2.19	67.2	0.011	HDPE
ZONE 235-2712	MH-1239	MH-1240	573.07	573.02	571.86	571.84	5.6	150	0.6	242.274	0.9766	0.3567	1	1.06	1.03	40	0.011	HDPE
ZONE 235-2670	MH-4318	MH-273	569.58	569.94	568.3	568.58	66.5	150	0.6	239.745	0.9817	0.3512	1.2	1.13	1.21	42.1	0.011	HDPE
ZONE 235-2812	MH-658	MH-1097	560.35	560.31	558.72	558.78	58.5	500	0.82	1,000.00	11.9177	11.3569	1.1	1.13	1.04	58.6	0.011	HDPE
ZONE 235-2909	MH-5734	MH-6130	564.2	564.51	563.25	563.56	58.5	150	0.46	188.93	1.1059	0.1025	0.8	0.8	0.8	23	0.011	HDPE
ZONE 235-2714	MH-2122	MH-6136	572.77	572.79	571.78	571.84	58.8	150	0.16	1,000.00	0.4807	0.0198	0.8	0.85	0.8	14.7	0.011	HDPE
ZONE 235-2756	MH-6139	MH-6140	560.86	560.41	559.85	559.39	59	217	1.13	130.139	3.9236	1.35	0.8	0.8	0.8	44	0.01	HDPE
ZONE 235-2564	MH-6024	MH-5568	553.1	553.21	549.79	549.85	59	700	1.01	1,000.00	29.2326	25.4832	2.6	2.61	2.66	71.8	0.011	HDPE
ZONE 235-2964	MH-6144	MH-1097	561.2	560.31	559.6	559.13	59.2	150	0.71	124.954	1.3598	0.2837	1.2	1.45	1.04	32.6	0.011	HDPE
ZONE 235-2888	MH-3883	MH-174	565.35	565.94	564.15	564.09	59.3	150	0.25	1,000.00	0.4807	0.0946	1.4	1.05	1.7	32.2	0.011	HDPE
ZONE 235-2642	MH-1735	MH-1948	567.63	567.47	565.27	565.23	25.2	217	0.6	709.078	1.6809	1.4085	2.1	2.14	2.02	57.3	0.01	HDPE
ZONE 235-5893	MH-3574	MH-3095	563.39	562.99	562.29	562.04	25.2	150	1.07	100	1.672	0.7107	0.9	0.95	0.8	50.3	0.01	HDPE
ZONE 235-2926	MH-6154	MH-4637	564.17	564.42	563.22	562.97	59.7	150	0.6	240.875	0.9794	0.3537	1	0.8	1.29	42.8	0.011	HDPE
ZONE 235-2771	MH-372	MH-105	561.94	562.29	560.78	561.32	56.8	150	0.6	104.825	1.4846	0.1257	0.9	1.01	0.82	25.6	0.011	HDPE
ZONE 235-2659	MH-2218	MH-3084	565	564.39	563.69	563.44	25.4	150	0.81	100	1.52	0.3359	1	1.16	0.8	39.8	0.011	HDPE
ZONE 235-2890	MH-3705	MH-3706	566.88	566.71	565.93	565.74	21.5	150	0.6	116.86	1.4061	0.1419	0.8	0.8	0.81	26	0.011	HDPE
ZONE 235-2628	MH-1947	MH-1948	567.41	567.47	565.87	565.86	10.4	150	0.22	1,000.00	0.4807	0.0579	1.4	1.39	1.46	19	0.011	HDPE
ZONE 235-2871	MH-174	MH-2983	565.94	565.82	564.06	564	25.7	175	0.6	383.048	1.2887	0.529	1.7	1.7	1.65	44.8	0.01	HDPE
ZONE 235-2938	MH-6478	MH-5860	563.42	562.86	562.47	561.75	93.8	150	0.6	130.59	1.3301	0.1618	0.9	0.8	0.95	29.2	0.011	HDPE
ZONE 235-2550	MH-6021	MH-5868	552.75	552.7	549.63	549.57	60.8	700	1.01	1,000.00	29.2326	26.1208	2.4	2.42	2.42	72.5	0.011	HDPE
ZONE 235-2674	MH-6173	MH-600	569.49	569.34	568.54	568.21	62.5	150	0.26	191.419	1.0986	0.0155	0.9	0.8	0.98	28	0.011	HDPE
ZONE 235-2787	MH-538	MH-3995	560.44	560.77	559.49	559.77	27.9	150	0.75	100	1.52	0.2541	0.8	0.8	0.85	30	0.011	HDPE
ZONE 235-2915	MH-649	MH-5881	563.55	564.16	561.99	562.05	60.9	450	0.74	1,000.00	8.9986	7.1205	1.4	1.11	1.66	53.1	0.011	HDPE
ZONE 235-2958	MH-6178	MH-6179	566.81	566.34	565.61	565.14	60.9	400	1.49	129.963	18.2329	5.3866	0.8	0.8	0.8	44.7	0.011	HDPE
ZONE 235-2973	MH-4519	MH-4520	565.62	565.63	564.17	564.37	27.9	150	0.6	134.026	1.313	0.1667	1.2	1.31	1.1	27.1	0.011	HDPE
ZONE 235-2837	MH-5071	MH-6184	571.67	571.46	569.74	569.68	61	400	0.61	1,000.00	6.573	3.1792	1.5	1.53	1.38	50.2	0.011	HDPE
ZONE 235-2794	MH-3249	MH-277	560.42	560.41	558.37	558.41	35.1	700	0.97	1,000.00	29.2326	20.9421	1.3	1.35	1.3	54.6	0.011	HDPE
ZONE 235-2800	MH-278	MH-3736	560.41	560.41	558.54	558.56	21.8	600	0.86	1,000.00	19.3795	12.6994	1.3	1.28	1.25	52.2	0.011	HDPE
ZONE 235-2554	MH-5408	MH-6186	552.47	552.83	551.52	551.88	61.4	150	0.48	172.231	1.1582	0.1067	0.8	0.8	0.8	20.6	0.011	HDPE
ZONE 235-2874	MH-1402	MH-1403	565.73	565.7	563.95	563.94	6.9	175	0.6	434.595	1.2098	0.6372	1.6	1.6	1.58	52	0.01	HDPE
ZONE 235-2648	MH-5850	MH-929	566.06	565.32	564.63	564.12	50.9	400	1.52	100	20.7858	4.1389	0.9	1.04	0.8	42.8	0.011	HDPE
ZONE 235-2815	MH-713	MH-1415	561.79	561.82	560.63	560.84	86.2	175	0.6	410.085	1.2455	0.5845	0.9	0.98	0.8	44.3	0.01	HDPE
ZONE 235-2814	MH-6631	MH-6632	560.29	560.6	559.04	559.4	166.3	400	0.95	468.533	9.6028	5.9378	0.8	0.84	0.8	61.3	0.011	HDPE
ZONE 235-2581	MH-266	MH-751	560.72	560.55	559.29	559.23	54.7	271	0.6	849.741	2.7772	1.7571	1.1	1.16	1.05	58.1	0.01	HDPE
ZONE 235-2764	MH-625	MH-3771	561.73	561.95	560.76	560.97	21.9	175	1.09	103.38	2.4806	0.8254	0.8	0.8	0.8	44.2	0.01	HDPE
ZONE 235-2954	MH-6374	MH-1029	564.6	563.88	563.65	562.92	77.1	150	0.57	106.435	1.4734	0.1055	0.8	0.8	0.81	26.2	0.011	HDPE
ZONE 235-2706	MH-5131	MH-953	570.02	569.74	568.88	568.72	77.3	175	0.6	480.937	1.1501	0.7501	0.9	0.96	0.84	52.4	0.01	HDPE
ZONE 235-2773	MH-105	MH-6225	562.29	562.9	561.32	561.95	64.4	150	0.47	102.404	1.5021	0.0526	0.8	0.82	0.8	18.6	0.011	HDPE
ZONE 235-2639	MH-3796	MH-279	567.98	567.83	565.34	565.31	19	217	0.6	670.827	1.7282	1.2532	2.4	2.42	2.3	64.4	0.01	HDPE
ZONE 235-2719	MH-3466	MH-4322	573.09	573.09	572.03	572.07	26.3	217	0.6	673.087	1.7253	1.2611	0.8	0.84	0.8	62.8	0.01	HDPE
ZONE 235-2498	MH-797	MH-4153	557.96	558.6	556	555.48	64.7	150	0.6	123.802	1.3661	0.1526	2.4	1.81	2.96	25.6	0.011	HDPE
ZONE 235-1978	MH-5994	MH-6081	566.2	565.74	564.65	564.14	64.7	150	0	125.605	1.3563	0	1.4	1.4	1.46	0	0.011	HDPE
ZONE 235-2637	MH-447	MH-3796	568.11	567.98	565.37	565.34	23.2	217	0.6	664.303	1.7366	1.2288	2.5	2.52	2.42	62.8	0.01	HDPE
ZONE 235-2959	MH-6179	MH-5802	566.34	565.76	565.14	564.56	64.9	400	1.57	112.954	19.5576	5.5055	0.8	0.8	0.8	45.2	0.011	HDPE
ZONE 235-2577	MH-2610	MH-4400	561.01	560.81	559.96	559.78	29	150	0.6	154.901	1.2213	0.202	0.9	0.9	0.88	29.5	0.011	HDPE
ZONE 235-2651	MH-4342	MH-4305	564.87	564.42	562.69	562.66	26.5	400	0.67	1,000.00	6.573	4.8492	1.6	1.78	1.36	49.3	0.011	HDPE
ZONE 235-5917	MH-2232	MH-4350	565.19	565.2	564.24	564.08	26.5	150	0.32	160.981	1.198	0.0234	0.9	0.8	0.98	15.4	0.011	HDPE
ZONE 235-2680	MH-3849	MH-3676	567.25	567.53	566.05	566.27	22.6	400	1.48	100	20.7858	3.8249	0.8	0.8	0.85	33	0.011	HDPE
ZONE 235-2723	MH-1529	MH-1617	572.95	572.96	572	572.01	8.2	150	0.1	1,000.00	0.4807	0.0043	0.8	0.8	0.8	7.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2519	MH-3853	MH-3854	556.98	556.93	556.03	555.98	22.6	150	0.17	450.664	0.716	0.0101	0.8	0.8	0.8	10.5	0.011	HDPE
ZONE 235-2963	MH-6420	MH-6144	561.18	561.2	560.23	559.6	82.9	150	0.6	131.585	1.3251	0.1642	1.1	0.8	1.45	30.2	0.011	HDPE
ZONE 235-2839	MH-6281	MH-6282	570.96	570.34	569.58	569.14	66.5	400	1.25	151.471	16.8889	3.5688	0.9	0.99	0.8	36.2	0.011	HDPE
ZONE 235-2507	MH-3872	MH-3873	557.12	557.08	556.17	556.13	22.8	150	0.1	541.24	0.6534	0.0025	0.8	0.8	0.8	6.6	0.011	HDPE
ZONE 235-6363	MH-6574	MH-5557	551.89	551.69	550.94	550.41	123	150	0.6	231.128	0.9998	0.3339	1	0.8	1.13	38.4	0.011	HDPE
ZONE 235-2886	MH-3882	MH-3883	565.12	565.35	564.17	564.15	22.9	150	0.22	1,000.00	0.4807	0.0626	0.9	0.8	1.05	27.2	0.011	HDPE
ZONE 235-2930	MH-3888	MH-3048	563.3	563.39	562.1	562.05	23	175	0.6	444.112	1.1968	0.6589	1.1	1.03	1.16	52.9	0.01	HDPE
ZONE 235-2830	MH-513	MH-713	561.96	561.79	560.76	560.59	24.1	400	1.44	140.296	17.5486	5.3101	0.8	0.8	0.8	40.7	0.011	HDPE
ZONE 235-2957	MH-6312	MH-6178	567.84	566.81	565.9	565.61	129.8	400	0.94	441.536	9.892	5.2485	1.2	1.54	0.8	47.8	0.011	HDPE
ZONE 235-2828	MH-6302	MH-5266	566.52	564.88	564.61	563.93	67.9	150	0.74	100	1.52	0.2403	1.3	1.75	0.8	33.5	0.011	HDPE
ZONE 235-2866	MH-181	MH-6303	569.78	570.38	568.83	569.43	66.9	150	0.62	111.974	1.4365	0.1466	0.8	0.8	0.8	26.2	0.011	HDPE
ZONE 235-2013	MH-3903	MH-87	560.25	560.5	559.15	559.19	23	271	0.76	532.418	3.5085	2.2145	0.9	0.83	1.04	51.4	0.01	HDPE
ZONE 235-2724	MH-1617	MH-1726	572.96	572.97	572.01	572.02	8.9	150	0.08	1,000.00	0.4807	0.0021	0.8	0.8	0.8	5.7	0.011	HDPE
ZONE 235-2610	MH-3623	MH-447	567.95	568.11	565.54	565.44	24.4	150	0.6	248.685	0.9639	0.3705	2.4	2.26	2.52	43.7	0.011	HDPE
ZONE 235-2585	MH-4169	MH-266	560.91	560.72	559.96	559.77	24.8	150	0.29	133.675	1.3147	0.0152	0.8	0.8	0.8	7.6	0.011	HDPE
ZONE 235-2857	MH-548	MH-199	569.13	568.6	568.16	567.65	70	150	0.71	136.819	1.2995	0.3074	0.8	0.82	0.8	39.6	0.011	HDPE
ZONE 235-2641	MH-1734	MH-1735	567.71	567.63	565.28	565.27	9	217	0.6	699.562	1.6923	1.3642	2.2	2.21	2.14	65.8	0.01	HDPE
ZONE 235-2608	MH-3205	MH-3622	567.68	567.82	565.73	565.62	24.8	150	0.6	227.643	1.0074	0.3274	1.9	1.79	2.05	39.8	0.011	HDPE
ZONE 235-2504	MH-3958	MH-3974	559.05	559.26	557.52	557.49	24.8	150	0.19	1,000.00	0.4807	0.0354	1.5	1.38	1.61	19.2	0.011	HDPE
ZONE 235-2555	MH-6186	MH-5776	552.83	553.09	551.88	552.14	71	150	0.37	266.384	0.9313	0.0747	0.8	0.8	0.8	19.9	0.011	HDPE
ZONE 235-2611	MH-448	MH-6242	568.11	568.58	567.16	567.63	56.6	150	1.02	121.657	1.5159	0.8018	0.8	0.8	0.8	55.1	0.01	HDPE
ZONE 235-2035	MH-4180	MH-1208	553.36	553.29	549.91	549.89	24.9	700	1.01	1,000.00	29.2326	25.3782	2.7	2.74	2.7	71.4	0.011	HDPE
ZONE 235-2865	MH-5894	MH-181	569.48	569.78	568.42	568.83	60.6	150	0.6	148.067	1.2492	0.1899	0.9	0.91	0.8	30.1	0.011	HDPE
ZONE 235-2889	MH-6332	MH-1402	566.39	565.73	565.44	564.78	71.8	150	0.49	109.714	1.4512	0.0685	0.8	0.8	0.8	15.6	0.011	HDPE
ZONE 235-2747	MH-645	MH-241	571.76	571.21	570.31	570.14	17	271	1.35	100	8.0956	1.9041	1	1.17	0.8	43.6	0.01	HDPE
ZONE 235-1994	MH-4189	MH-4018	557.07	557.23	553.74	553.76	24.9	700	1	1,000.00	29.2326	24.5453	2.7	2.63	2.77	66.8	0.011	HDPE
ZONE 235-6355	MH-5686	MH-6485	551.91	552.05	550.21	551.1	95.1	150	0.38	106.574	1.4724	0.028	1.2	1.55	0.8	10	0.011	HDPE
ZONE 235-2544	MH-5236	MH-6295	552.85	553	551.9	551.82	73.1	150	0.2	1,000.00	0.4807	0.0446	0.9	0.8	1.03	23.9	0.011	HDPE
ZONE 235-2755	MH-5819	MH-6139	561.36	560.86	560.34	559.85	73.2	217	1.06	147.984	3.6795	1.251	0.8	0.8	0.8	47	0.01	HDPE
ZONE 235-2867	MH-4206	MH-2931	566.49	566.25	565.54	565.3	25.1	150	0.5	104.49	1.487	0.0662	0.8	0.8	0.8	17.6	0.011	HDPE
ZONE 235-5903	MH-3979	MH-3640	560.54	560.55	559.29	559.33	27.5	271	0.6	749.422	2.9572	1.4421	1	0.98	0.95	49.6	0.01	HDPE
ZONE 235-2850	MH-3007	MH-2750	567.95	568.13	566.39	566.28	25.1	150	0.6	237.605	0.9861	0.3468	1.6	1.41	1.7	40.9	0.011	HDPE
ZONE 235-5924	MH-3107	MH-4219	562.67	562.14	561.44	561.19	25.2	150	0.79	100	1.52	0.307	0.9	1.08	0.8	33	0.011	HDPE
ZONE 235-6364	MH-6357	MH-4603	552.06	551.95	551.11	551	74.7	150	0.15	648.379	0.5969	0.0109	0.8	0.8	0.8	7.9	0.011	HDPE
ZONE 235-6357	MH-5682	MH-4517	551.93	551.81	550.94	550.33	74.8	175	1.01	121.908	2.2843	0.7769	1.1	0.81	1.3	43.6	0.01	HDPE
ZONE 235-6353	MH-5440	MH-6172	552.12	552.01	551	550.27	75	150	0.75	102.554	1.501	0.2601	1.3	0.97	1.59	30.4	0.011	HDPE
ZONE 235-2931	MH-4225	MH-546	563.23	563.46	562.28	562.25	25.3	150	0.18	1,000.00	0.4807	0.0313	0.9	0.8	1.05	25.5	0.011	HDPE
ZONE 235-6385	MH-6514	MH-4293	552.63	552.48	551.61	551.46	99.3	217	0.61	673.838	1.7243	1.3901	0.8	0.8	0.8	64.2	0.01	HDPE
ZONE 235-5930	MH-1847	MH-1848	560.64	560.56	559.69	559.61	13.2	150	0.79	154.932	1.2212	0.546	0.8	0.8	0.8	47.3	0.011	HDPE
ZONE 235-1980	MH-6519	MH-6213	568.59	567.78	567.64	566.83	100.7	150	0	124.115	1.3644	0	0.8	0.8	0.8	0	0.011	HDPE
ZONE 235-2885	MH-4242	MH-3882	565.24	565.12	564.29	564.17	25.4	150	0.29	222.246	1.0196	0.0267	0.8	0.8	0.8	17.8	0.011	HDPE
ZONE 235-1982	MH-6214	MH-6375	567.27	566.62	566.32	565.67	77.2	150	0	119.746	1.3891	0	0.8	0.8	0.8	0	0.011	HDPE
ZONE 235-2760	MH-3653	MH-543	561.79	561.62	560.84	560.67	25.4	150	0.35	150.888	1.2374	0.032	0.8	0.8	0.8	16.5	0.011	HDPE
ZONE 235-6365	MH-4516	MH-4517	551.88	551.81	550.08	550.11	27.9	400	0.62	1,000.00	7.2303	2.628	1.4	1.4	1.3	42	0.01	HDPE
ZONE 235-2955	MH-6383	MH-4921	563.84	563.13	562.89	562.18	77.7	150	0.44	109.392	1.4533	0.0446	0.8	0.8	0.8	14.7	0.011	HDPE
ZONE 235-2924	MH-6386	MH-6387	565.45	564.91	564.5	563.96	77.9	150	0.61	145.656	1.2595	0.2034	0.8	0.8	0.8	31.9	0.011	HDPE
ZONE 235-2643	MH-1948	MH-325	567.47	567.2	565.18	565.13	39.3	271	0.6	768.169	2.9209	1.4961	1.9	2.02	1.8	51.2	0.01	HDPE
ZONE 235-2925	MH-6387	MH-6154	564.91	564.17	563.96	563.22	78.7	150	0.76	106.305	1.4743	0.2893	0.8	0.8	0.8	37.9	0.011	HDPE
ZONE 235-2900	MH-4258	MH-3309	562.06	562.46	561.11	561.09	25.6	150	0.25	1,000.00	0.4807	0.1005	1	0.8	1.23	27.9	0.011	HDPE
ZONE 235-2906	MH-690	MH-4264	563.51	563.78	562.56	562.81	25.7	150	0.72	100	1.52	0.2156	0.8	0.8	0.82	27.5	0.011	HDPE
ZONE 235-2590	MH-2404	MH-2405	560.96	560.88	560.01	559.92	13.1	150	0.49	137.983	1.294	0.0884	0.8	0.8	0.82	19.4	0.011	HDPE
ZONE 235-1996	MH-4019	MH-4276	557.39	557.54	553.78	553.81	25.8	700	1	1,000.00	29.2326	24.5172	3	2.9	3.03	67.5	0.011	HDPE
ZONE 235-1997	MH-4276	MH-3525	557.54	557.73	553.81	553.84	28.2	700	1	1,000.00	29.2326	24.5031	3.1	3.03	3.19	67.8	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2593	MH-4283	MH-3127	561.42	561.22	560.47	560.27	25.9	150	0.28	134.073	1.3127	0.0129	0.8	0.8	0.8	9.1	0.011	HDPE
ZONE 235-2003	MH-2847	MH-887	558.35	558.45	553.93	553.95	15	700	1	1,000.00	29.2326	24.3772	3.8	3.71	3.8	68.3	0.011	HDPE
ZONE 235-2018	MH-4565	MH-299	559.26	559.45	554.04	554.07	28.4	700	0.98	1,000.00	29.2326	21.8268	4.6	4.52	4.68	65.7	0.011	HDPE
ZONE 235-6387	MH-4294	MH-5531	552.43	552.3	551.41	551.08	82.2	217	0.91	250.398	2.8286	1.4663	0.9	0.8	1	50.2	0.01	HDPE
ZONE 235-2761	MH-544	MH-260	561.62	561.42	560.65	560.4	26	150	0.6	105.836	1.4775	0.1269	0.8	0.83	0.87	24.4	0.011	HDPE
ZONE 235-6386	MH-4293	MH-4294	552.48	552.43	551.46	551.41	26	217	0.7	493.004	2.0159	1.446	0.8	0.8	0.8	55.9	0.01	HDPE
ZONE 235-2692	MH-1941	MH-1942	569.56	569.66	568.49	568.54	10.4	271	1.17	180.56	5.4771	3.3442	0.8	0.8	0.85	56.7	0.011	HDPE
ZONE 235-2859	MH-2876	MH-2729	569.14	569.07	568.19	568.12	16.1	150	0.26	253.034	0.9556	0.0206	0.8	0.8	0.8	11.4	0.011	HDPE
ZONE 235-2652	MH-4305	MH-4306	564.42	563.95	562.66	562.47	26.1	400	1.42	137.645	17.7168	4.9298	1.2	1.36	1.08	42.7	0.011	HDPE
ZONE 235-2679	MH-4310	MH-3849	566.92	567.25	565.72	565.98	26.1	400	1.49	100	20.7858	3.8622	0.8	0.8	0.87	33.1	0.011	HDPE
ZONE 235-2686	MH-1972	MH-1973	568.67	568.78	567.47	567.57	10.6	400	1.45	100	20.7858	3.5715	0.8	0.8	0.81	31.9	0.011	HDPE
ZONE 235-2928	MH-4637	MH-519	564.42	563.61	562.97	562.2	85.1	150	0.86	109.725	1.4511	0.4652	1.3	1.29	1.26	41.5	0.011	HDPE
ZONE 235-2832	MH-6435	MH-609	571.04	570.18	570.06	569.23	83.4	150	0.4	100	1.52	0.0296	0.8	0.82	0.8	19.8	0.011	HDPE
ZONE 235-2667	MH-600	MH-4318	569.34	569.58	568.21	568.3	24.1	150	0.6	254.02	0.9537	0.3809	1.1	0.98	1.13	45.6	0.011	HDPE
ZONE 235-2840	MH-6282	MH-5078	570.34	569.72	569.14	568.52	129.4	400	1.12	210.784	14.3169	3.6765	0.8	0.8	0.8	37.3	0.011	HDPE
ZONE 235-2803	MH-658	MH-1035	560.35	561.59	559.33	560.01	86.9	217	1.12	128.911	3.9423	1.2632	1.1	0.8	1.36	42.4	0.01	HDPE
ZONE 235-2945	MH-5195	MH-5196	563.63	563.39	562.68	562.44	35.7	150	0.67	150.162	1.2404	0.2841	0.8	0.8	0.8	35.9	0.011	HDPE
ZONE 235-2807	MH-308	MH-4909	562.12	563.19	560.1	560.22	67.8	217	0.6	566.705	1.8802	0.9479	2.3	1.8	2.75	51.3	0.01	HDPE
ZONE 235-2743	MH-2045	MH-645	571.94	571.76	570.92	570.81	11.3	150	0.2	100	1.52	0.0028	0.8	0.87	0.8	3.2	0.011	HDPE
ZONE 235-2592	MH-2048	MH-751	560.66	560.55	559.68	559.6	8	150	0.59	100	1.52	0.1088	0.8	0.83	0.8	19.5	0.011	HDPE
ZONE 235-5920	MH-2889	MH-4631	564.47	563.98	563.32	563.03	29.2	150	0.66	100	1.52	0.1645	0.9	1	0.8	24	0.011	HDPE
ZONE 235-2791	MH-4010	MH-4356	561.29	561.57	560.34	560.6	26.6	150	0.58	100	1.52	0.1068	0.8	0.8	0.82	19.3	0.011	HDPE
ZONE 235-2495	MH-576	MH-3496	557.66	557.95	556.18	556.15	26.7	150	0.23	1,000.00	0.4807	0.0678	1.5	1.33	1.65	27.6	0.011	HDPE
ZONE 235-2733	MH-4359	MH-609	570.34	570.18	569.37	569.22	27.2	150	0.6	178.838	1.1366	0.2414	0.8	0.82	0.81	33.3	0.011	HDPE
ZONE 235-2535	MH-4365	MH-1840	558.68	558.49	557.73	557.54	26.7	150	0.22	143.52	1.2688	0.0064	0.8	0.8	0.8	6.3	0.011	HDPE
ZONE 235-2599	MH-4644	MH-3416	561.37	561.04	560.05	559.91	29.3	150	0.6	203.246	1.0662	0.281	1.1	1.17	0.99	35.2	0.011	HDPE
ZONE 235-2848	MH-4374	MH-585	567.63	567.83	566.68	566.46	27.9	150	0.6	126.321	1.3524	0.1573	1	0.8	1.22	32.2	0.011	HDPE
ZONE 235-2701	MH-4393	MH-4394	570.39	570.26	569.33	569.2	26.9	150	0.6	204.506	1.0629	0.2872	0.9	0.91	0.91	37.2	0.011	HDPE
ZONE 235-2627	MH-4397	MH-1947	567.24	567.41	565.9	565.87	26.9	150	0.2	1,000.00	0.4807	0.0449	1.3	1.19	1.39	21.5	0.011	HDPE
ZONE 235-2818	MH-1415	MH-453	561.82	562.26	560.87	561.31	93.3	150	0.7	209.935	1.0491	0.528	0.8	0.8	0.8	48.5	0.011	HDPE
ZONE 235-5907	MH-435	MH-4781	560.68	560.75	559.54	559.72	31.3	150	0.6	169.574	1.1673	0.2261	0.9	0.99	0.88	30.1	0.011	HDPE
ZONE 235-6402	MH-2574	MH-2575	553	553.01	552.05	552.04	14.3	150	0.19	1,000.00	0.4807	0.0383	0.8	0.8	0.82	17.6	0.011	HDPE
ZONE 235-6388	MH-5540	MH-5181	553.1	552.28	552.08	551.33	177.7	150	0.38	235.875	0.9897	0.0724	0.8	0.86	0.8	17.6	0.011	HDPE
ZONE 235-6368	MH-6647	MH-5685	552.28	552.01	551.33	550.17	178	150	0.75	153.707	1.226	0.4293	1.2	0.8	1.7	41.5	0.011	HDPE
ZONE 235-2541	MH-6341	MH-6498	553.51	553.69	551.53	551.09	97.4	150	0.6	218.399	1.0285	0.3105	2.1	1.83	2.45	42.7	0.011	HDPE
ZONE 235-2849	MH-585	MH-3007	567.83	567.95	566.46	566.39	16	150	0.6	229.569	1.0032	0.331	1.3	1.22	1.41	39.7	0.011	HDPE
ZONE 235-2514	MH-576	MH-55	557.66	557.37	556.18	556.21	27.1	150	0.22	1,000.00	0.4807	0.0574	1.2	1.33	1.01	24.2	0.011	HDPE
ZONE 235-2595	MH-4418	MH-3908	561.99	561.75	561.04	560.8	27.1	150	0.55	114.021	1.4235	0.0993	0.8	0.8	0.8	21.6	0.011	HDPE
ZONE 235-2892	MH-4793	MH-360	566.44	565.55	565.49	564.6	98.4	150	0.72	110.997	1.4428	0.2516	0.8	0.8	0.8	30.1	0.011	HDPE
ZONE 235-6380	MH-6509	MH-5149	552.46	552.32	551.51	551.12	98.5	150	0.6	255.688	0.9506	0.3844	0.9	0.8	1.04	44.4	0.011	HDPE
ZONE 235-6370	MH-6513	MH-2538	552.4	552.25	551.45	551.03	99.2	150	0.6	235.12	0.9913	0.3418	0.9	0.8	1.08	40.3	0.011	HDPE
ZONE 235-2614	MH-4777	MH-4431	567.54	567.63	566.51	566.48	27.2	150	0.15	1,000.00	0.4807	0.0155	0.9	0.88	1	14.3	0.011	HDPE
ZONE 235-2576	MH-2609	MH-2610	561.12	561.01	560.06	559.96	14.5	150	0.6	146.747	1.2548	0.1878	0.9	0.91	0.9	28.3	0.011	HDPE
ZONE 235-2530	MH-233	MH-234	558.45	558.45	556.69	556.69	0	150	0.22	(N/A)	0	0.0669	1.6	1.61	1.61	27.4	0.011	HDPE
ZONE 235-2983	MH-3401	MH-3402	565.8	565.81	564.85	564.83	19.2	150	0.15	1,000.00	0.4807	0.0165	0.8	0.8	0.82	16.8	0.011	HDPE
ZONE 235-2531	MH-3195	MH-233	558.62	558.45	556.72	556.69	27.4	150	0.21	1,000.00	0.4807	0.056	1.7	1.75	1.61	25.1	0.011	HDPE
ZONE 235-2654	MH-4676	MH-5128	563.38	562.45	561.67	561.25	42.4	400	1.61	100	20.7858	5.1217	1.1	1.3	0.8	38.4	0.011	HDPE
ZONE 235-2838	MH-6184	MH-6281	571.46	570.96	569.68	569.58	107.3	400	0.63	1,000.00	6.573	3.5115	1.2	1.38	0.99	43.6	0.011	HDPE
ZONE 235-2010	MH-4725	MH-3903	559.92	560.25	558.85	559.15	30.1	271	1.41	100	8.0956	2.2292	0.8	0.8	0.83	41.1	0.01	HDPE
ZONE 235-2820	MH-6005	MH-6360	569.9	567.23	567.36	566.28	107.9	150	0.55	100	1.52	0.0896	1.6	2.39	0.8	17.7	0.011	HDPE
ZONE 235-2702	MH-4394	MH-4488	570.26	570.17	569.2	569.08	27.7	150	0.6	231.345	0.9994	0.3344	0.9	0.91	0.95	39	0.011	HDPE
ZONE 235-2861	MH-2250	MH-2251	569	568.95	568.05	568	12.1	150	0.35	215.717	1.0349	0.0467	0.8	0.8	0.8	14.6	0.011	HDPE
ZONE 235-2709	MH-2692	MH-2693	573	573.05	572.05	571.95	15	150	0.6	149.762	1.2421	0.1927	0.9	0.8	0.95	30.1	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 1

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2030	MH-4707	MH-4768	553.68	553.6	550.04	550.01	30.5	700	1.01	1,000.00	29.2326	25.2987	2.9	2.94	2.89	71	0.011	HDPE
ZONE 235-2542	MH-6498	MH-6565	553.69	553.93	551.09	550.76	91.3	150	0.6	279.627	0.909	0.4375	2.7	2.45	3.01	50.3	0.011	HDPE
ZONE 235-5899	MH-2585	MH-5664	561.51	560.85	560.21	559.78	43.2	271	1.58	100	8.0956	3.384	0.9	1.03	0.8	51.3	0.01	HDPE
ZONE 235-6360	MH-6576	MH-5556	551.76	551.69	550.74	550.56	123.9	217	0.6	691.979	1.7016	1.3301	0.9	0.8	0.91	56.5	0.01	HDPE
ZONE 235-2891	MH-3706	MH-4793	566.71	566.44	565.74	565.49	30.7	150	0.65	120.322	1.3857	0.1902	0.8	0.81	0.8	30.2	0.011	HDPE
ZONE 235-2594	MH-3127	MH-223	561.22	561.07	560.27	560.12	17.5	150	0.38	117.502	1.4023	0.0309	0.8	0.8	0.8	15.1	0.011	HDPE
ZONE 235-2649	MH-930	MH-4342	565.3	564.87	562.72	562.69	28.3	400	0.67	1,000.00	6.573	4.7689	2	2.18	1.78	57.5	0.011	HDPE
ZONE 235-2842	MH-4555	MH-4556	569.41	569.17	568.21	567.97	28.3	400	1.43	116.808	19.2323	4.1135	0.8	0.8	0.8	38.8	0.011	HDPE
ZONE 235-2000	MH-1056	MH-2847	558.16	558.35	553.91	553.93	28.3	700	1	1,000.00	29.2326	24.3841	3.6	3.56	3.71	68.3	0.011	HDPE
ZONE 235-6403	MH-2575	MH-5182	553.01	552.21	552.04	551.26	139.7	150	0.41	180.558	1.1312	0.0669	0.8	0.82	0.8	16.4	0.011	HDPE
ZONE 235-2661	MH-3085	MH-4385	564.44	565.12	563.37	563.21	40.4	150	0.6	254.19	0.9534	0.3813	1.3	0.92	1.76	44.2	0.011	HDPE
ZONE 235-2666	MH-1011	MH-599	569.03	569.34	568.08	568.12	9.8	150	0.66	276.875	1.0048	0.4759	0.9	0.8	1.07	50.8	0.01	HDPE
ZONE 235-2710	MH-2693	MH-1239	573.05	573.07	571.95	571.86	15.7	150	0.6	181.492	1.1283	0.2462	1	0.95	1.06	36.6	0.011	HDPE
ZONE 235-2539	MH-5525	MH-6340	553.17	553.4	552.17	552.02	145.9	150	0.24	1,000.00	0.4807	0.0828	1	0.86	1.23	27.9	0.011	HDPE
ZONE 235-2528	MH-2834	MH-3195	558.5	558.62	556.74	556.72	17.9	150	0.2	1,000.00	0.4807	0.0457	1.7	1.61	1.75	21.8	0.011	HDPE
ZONE 235-2929	MH-1038	MH-3888	563.58	563.3	562.13	562.1	12	175	0.6	435.849	1.2081	0.6401	1.2	1.28	1.03	51.7	0.01	HDPE
ZONE 235-2813	MH-1098	MH-6631	560.31	560.29	558.78	558.94	165.2	500	0.81	1,000.00	11.9177	11.0226	0.9	1.03	0.84	70.8	0.011	Concrete
ZONE 235-2527	MH-2833	MH-2834	558.36	558.5	556.75	556.74	15.9	150	0.19	1,000.00	0.4807	0.0398	1.5	1.45	1.61	20	0.011	Concrete
ZONE 235-2602	MH-3417	MH-87	560.82	560.5	559.81	559.55	28.8	150	0.77	109.159	1.4549	0.3055	0.8	0.86	0.8	33.3	0.011	Concrete
ZONE 235-6366	MH-4603	MH-4516	551.95	551.88	550.05	550.08	28.8	400	0.62	1,000.00	7.2303	2.6496	1.4	1.5	1.4	42.8	0.01	Concrete
ZONE 235-6397	MH-5277	MH-5315	553.14	552.4	552.19	551.45	170.6	150	0.32	232.041	0.9979	0.0397	0.8	0.8	0.8	13	0.011	Concrete
ZONE 235-2031	MH-4768	MH-4836	553.6	553.52	550.01	549.98	31.4	700	1.01	1,000.00	29.2326	25.3218	2.9	2.89	2.84	71.1	0.011	Concrete
ZONE 235-6399	MH-5301	MH-5488	553.16	552.45	552.21	551.5	172.4	150	0.33	244.741	0.9716	0.0435	0.8	0.8	0.8	13.7	0.011	Concrete
ZONE 235-2014	MH-887	MH-4612	558.45	558.75	553.95	553.98	29.6	700	0.98	1,000.00	29.2326	21.9295	3.9	3.8	4.08	67.9	0.011	Concrete
ZONE 235-6395	MH-5278	MH-5316	553.12	552.33	552.17	551.38	175.1	150	0.33	221.708	1.0208	0.0383	0.8	0.8	0.8	12.7	0.011	Concrete
ZONE 235-2020	MH-3234	MH-3235	559.66	559.76	554.1	554.12	18.1	700	0.98	1,000.00	29.2326	21.711	4.9	4.85	4.94	64.8	0.011	Concrete
ZONE 235-2681	MH-3676	MH-3677	567.53	567.79	566.33	566.54	21.4	400	1.48	100	20.7858	3.781	0.8	0.8	0.85	32.8	0.011	Concrete
ZONE 235-2603	MH-4617	MH-2655	566.96	567.2	566.01	565.98	29.1	150	0.22	1,000.00	0.4807	0.0608	0.9	0.8	1.07	26.9	0.011	Concrete
ZONE 235-2903	MH-3310	MH-639	562.74	563.12	560.94	560.74	28.8	150	0.6	148.274	1.2483	0.1902	1.9	1.65	2.23	33.6	0.011	Concrete
ZONE 235-2525	MH-4620	MH-3279	558.01	558.21	556.8	556.77	29.1	150	0.17	1,000.00	0.4807	0.0269	1.2	1.06	1.29	17	0.011	Concrete
ZONE 235-2517	MH-56	MH-3251	557.37	557.17	556.21	556.22	18.2	150	0.17	1,000.00	0.4807	0.0273	0.9	1.01	0.8	19.8	0.011	Concrete
CO-2	MH-1	MH-2	547.3	547	544.76	544.59	53.1	1,500.00	2.75	300	416.7291	215.806	1	1.04	0.91	52.7	0.011	Concrete
CO-3	MH-2	MH-3	547	546.5	544.44	544.09	105.6	1,500.00	2.75	300	416.7291	215.806	1	1.06	0.91	52.7	0.011	Concrete
CO-4	MH-3	MH-4	546.5	546	543.89	543.59	92.5	1,500.00	2.75	300	416.7291	215.806	1	1.11	0.91	52.7	0.011	Concrete
CO-5	MH-4	MH-5	546	545.5	543.53	543.09	131.8	1,500.00	2.75	300	416.7291	215.806	0.9	0.97	0.91	52.7	0.011	Concrete
CO-6	MH-5	MH-6	545.5	545	542.76	542.59	53.1	1,500.00	2.75	300	416.7291	215.806	1.1	1.24	0.91	55.7	0.011	Concrete
CO-7	MH-6743	MH-7	548.7	548	544.94	544.89	45.8	1,500.00	1.7	1,000.00	223.1087	215.806	1.9	2.26	1.61	63.5	0.011	Concrete
CO-8	MH-7	MH-1	548	547.3	544.89	544.76	75	1,500.00	2.15	568.484	295.9084	215.806	1.3	1.61	1.04	57.8	0.011	Concrete
CO-9	MH-6738	MH-8	548	546	546.29	544.4	257.7	800	2.31	136.591	112.9281	33.5709	0.9	0.91	0.8	41.9	0.011	Concrete
CO-10	MH-8	MH-6	546	545	544.4	543.29	125.6	800	2.47	112.686	124.3305	33.5709	0.9	0.8	0.91	40.9	0.011	Concrete
CO-11	MH-6	OF-1	545	545	542.49	542.47	13.1	1,600.00	1.77	1,000.00	265.0085	249.3769	0.9	0.91	0.93	56.8	0.011	Concrete

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-6	545	542.59	543.29	(N/A)	542.49	249.38	0.95
MH-5	545.5	543.09	(N/A)	(N/A)	542.76	215.81	0.82
MH-4	546	543.59	(N/A)	(N/A)	543.53	215.81	0.82
MH-8	546	544.4	(N/A)	(N/A)	544.4	33.57	0.37
MH-3	546.5	544.09	(N/A)	(N/A)	543.89	215.81	0.82
MH-2	547	544.59	(N/A)	(N/A)	544.44	215.81	0.82
MH-1	547.3	544.76	(N/A)	(N/A)	544.76	215.81	0.82
MH-7	548	544.89	(N/A)	(N/A)	544.89	215.81	0.92
MH-6738	548	546.29	(N/A)	(N/A)	546.29	33.57	0.37
MH-6743	548.7	(N/A)	(N/A)	(N/A)	544.94	215.81	0.99
MH-6737	549.5	547.9	(N/A)	(N/A)	546.44	33.5	0.37
MH-6736	550.9	548.66	(N/A)	(N/A)	548.66	33.43	0.37
MH-6735	551	548.69	(N/A)	(N/A)	548.69	33.39	0.46
MH-6734	551.2	548.74	(N/A)	(N/A)	548.74	33.37	0.49
MH-6733	551.3	548.78	(N/A)	(N/A)	548.78	33.34	0.5
MH-6732	551.4	548.89	(N/A)	(N/A)	548.89	33.15	0.52
MH-5557	551.69	550.41	550.29	(N/A)	550.29	1.78	0.15
MH-5556	551.69	550.56	(N/A)	(N/A)	550.51	1.42	0.1
MH-5635	551.73	550.78	(N/A)	(N/A)	550.78	0.06	0.02
MH-6576	551.76	(N/A)	(N/A)	(N/A)	550.74	1.33	0.14
MH-4517	551.81	550.33	550.23	550.36	550.11	2.63	0.17
MH-4516	551.88	550.33	550.08	(N/A)	550.08	2.65	0.17
MH-5636	551.89	(N/A)	(N/A)	(N/A)	550.94	0.04	0.02
MH-6574	551.89	(N/A)	(N/A)	(N/A)	550.94	0.33	0.06
MH-5686	551.91	549.96	550.21	(N/A)	549.96	3.01	0.2
MH-5682	551.93	550.94	(N/A)	(N/A)	550.94	0.78	0.08
MH-4603	551.95	551	550.05	(N/A)	550.05	2.67	0.17
MH-5793	551.95	549.77	(N/A)	(N/A)	549.77	3.88	0.23
MH-6345	552	(N/A)	(N/A)	(N/A)	551.05	0.01	0.01
MH-5681	552.01	(N/A)	(N/A)	(N/A)	551.03	0.76	0.1
MH-3639	552.01	549.12	(N/A)	(N/A)	549.12	26.79	0.47
MH-6172	552.01	550.27	550.02	(N/A)	550.02	2.95	0.18
MH-5685	552.01	550.17	549.92	(N/A)	549.92	3.46	0.21
MH-5792	552.01	549.81	(N/A)	(N/A)	549.81	3.87	0.22
MH-5914	552.02	550.43	549.72	(N/A)	549.72	4.34	0.24
MH-6485	552.05	(N/A)	(N/A)	(N/A)	551.1	0.03	0.02
MH-6357	552.06	(N/A)	(N/A)	(N/A)	551.11	0.01	0.01
MH-3638	552.1	549.14	(N/A)	(N/A)	549.14	26.78	0.47
MH-5913	552.1	550.61	(N/A)	(N/A)	550.61	0.44	0.07
MH-5705	552.11	550.65	549.87	(N/A)	549.87	3.85	0.22
MH-2785	552.12	549.65	549.06	(N/A)	548.96	32.96	0.52
MH-5440	552.12	551	(N/A)	(N/A)	551	0.26	0.05
MH-6522	552.14	550.91	549.67	(N/A)	549.67	6.15	0.25
MH-5632	552.15	549.18	(N/A)	(N/A)	549.18	26.76	0.49
MH-5282	552.17	550.82	(N/A)	(N/A)	550.82	0.38	0.07
MH-5439	552.17	(N/A)	(N/A)	(N/A)	551.22	0.24	0.05
MH-5791	552.2	550.82	(N/A)	(N/A)	550.82	0.43	0.07

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5182	552.21	551.26	549.23	(N/A)	549.23	26.74	0.49
MH-2539	552.23	550.97	(N/A)	(N/A)	550.97	0.37	0.06
MH-2538	552.25	551.03	(N/A)	(N/A)	551.03	0.35	0.06
MH-5150	552.26	550.99	(N/A)	(N/A)	550.99	0.41	0.07
MH-6647	552.28	(N/A)	(N/A)	(N/A)	551.33	0.43	0.06
MH-5181	552.28	549.26	551.33	(N/A)	549.26	26.65	0.5
MH-5531	552.3	551.08	551.15	(N/A)	551.03	1.79	0.16
MH-5149	552.32	551.12	(N/A)	(N/A)	551.12	0.4	0.07
MH-5316	552.33	551.38	549.3	(N/A)	549.3	26.56	0.5
MH-4993	552.38	551.34	(N/A)	(N/A)	551.34	0.31	0.06
MH-6513	552.4	(N/A)	(N/A)	(N/A)	551.45	0.34	0.06
MH-5315	552.4	551.45	549.34	(N/A)	549.34	26.49	0.5
MH-4294	552.43	551.41	(N/A)	(N/A)	551.41	1.47	0.11
MH-4992	552.45	(N/A)	(N/A)	(N/A)	551.5	0.29	0.05
MH-5488	552.45	549.38	551.5	(N/A)	549.38	26.43	0.51
MH-6509	552.46	(N/A)	(N/A)	(N/A)	551.51	0.38	0.07
MH-5408	552.47	549.42	551.52	(N/A)	549.42	26.36	0.51
MH-4293	552.48	551.46	(N/A)	(N/A)	551.46	1.45	0.13
MH-5407	552.51	549.45	(N/A)	(N/A)	549.45	26.24	0.51
MH-5869	552.58	549.52	(N/A)	(N/A)	549.52	26.21	0.51
MH-6514	552.63	(N/A)	(N/A)	(N/A)	551.61	1.39	0.15
MH-5868	552.7	549.57	(N/A)	(N/A)	549.57	26.16	0.51
MH-6021	552.75	549.63	(N/A)	(N/A)	549.63	26.12	0.51
MH-6186	552.83	551.88	(N/A)	(N/A)	551.88	0.11	0.03
MH-5236	552.85	551.9	(N/A)	(N/A)	551.9	0.04	0.03
MH-528	552.9	549.66	(N/A)	(N/A)	549.66	26.03	0.51
MH-527	552.91	551.33	549.69	(N/A)	549.69	26	0.51
MH-6295	553	551.82	(N/A)	(N/A)	551.82	0.08	0.04
MH-2574	553	552.05	(N/A)	(N/A)	552.05	0.04	0.03
MH-2575	553.01	552.04	(N/A)	(N/A)	552.04	0.07	0.02
MH-5848	553.02	549.73	(N/A)	(N/A)	549.73	25.77	0.51
MH-5235	553.02	(N/A)	(N/A)	(N/A)	552.07	0.03	0.02
MH-5815	553.05	551.76	(N/A)	(N/A)	551.76	0.11	0.05
MH-5411	553.07	(N/A)	(N/A)	(N/A)	552.12	0.01	0.02
MH-5934	553.08	(N/A)	(N/A)	(N/A)	552.13	0.04	0.03
MH-5776	553.09	552.14	(N/A)	(N/A)	552.14	0.07	0.03
MH-5540	553.1	552.08	(N/A)	(N/A)	552.08	0.07	0.03
MH-6024	553.1	549.79	(N/A)	(N/A)	549.79	25.64	0.5
MH-5816	553.1	551.71	(N/A)	(N/A)	551.71	0.17	0.04
MH-5278	553.12	(N/A)	(N/A)	(N/A)	552.17	0.04	0.02
MH-5277	553.14	(N/A)	(N/A)	(N/A)	552.19	0.04	0.02
MH-5301	553.16	(N/A)	(N/A)	(N/A)	552.21	0.04	0.02
MH-5524	553.16	(N/A)	(N/A)	(N/A)	552.21	0.02	0.02
MH-5451	553.17	(N/A)	(N/A)	(N/A)	552.22	0.05	0.03
MH-5525	553.17	552.17	(N/A)	(N/A)	552.17	0.08	0.04
MH-5568	553.21	549.85	(N/A)	(N/A)	549.85	25.48	0.5
MH-1208	553.29	549.89	(N/A)	(N/A)	549.89	25.4	0.5

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4180	553.36	549.91	(N/A)	(N/A)	549.91	25.38	0.5
MH-6340	553.4	552.02	(N/A)	(N/A)	552.02	0.19	0.04
MH-4837	553.44	549.94	(N/A)	(N/A)	549.94	25.37	0.5
MH-6341	553.51	551.53	(N/A)	(N/A)	551.53	0.31	0.06
MH-4836	553.52	549.98	(N/A)	(N/A)	549.98	25.35	0.5
MH-4768	553.6	550.01	(N/A)	(N/A)	550.01	25.32	0.5
MH-4707	553.68	550.04	(N/A)	(N/A)	550.04	25.3	0.5
MH-6498	553.69	551.09	(N/A)	(N/A)	551.09	0.44	0.07
MH-4706	553.76	550.07	(N/A)	(N/A)	550.07	25.28	0.5
MH-4709	553.85	550.1	(N/A)	(N/A)	550.1	25.27	0.5
MH-6565	553.93	550.76	(N/A)	(N/A)	550.76	0.48	0.08
MH-4708	553.94	550.68	552.44	(N/A)	550.13	25.26	0.5
MH-4761	554.13	552.52	(N/A)	(N/A)	552.52	24.77	0.36
MH-4760	554.52	553.02	(N/A)	(N/A)	552.62	24.75	0.33
MH-155	554.93	(N/A)	(N/A)	(N/A)	553.98	0.01	0.01
MH-156	554.93	553.98	553.35	(N/A)	553.35	24.73	0.33
MH-5155	555.37	553.57	(N/A)	(N/A)	553.57	24.71	0.33
MH-4924	555.83	553.61	(N/A)	(N/A)	553.61	24.69	0.42
MH-701	556.17	553.63	(N/A)	(N/A)	553.63	24.68	0.44
MH-702	556.18	555.23	553.64	(N/A)	553.64	24.67	0.44
MH-4714	556.45	553.67	(N/A)	(N/A)	553.67	24.61	0.45
MH-5080	556.52	555.57	(N/A)	(N/A)	555.57	0.06	0.02
MH-4854	556.73	553.7	(N/A)	(N/A)	553.7	24.59	0.46
MH-5079	556.75	555.8	(N/A)	(N/A)	555.8	0.04	0.02
MH-5157	556.88	555.93	(N/A)	(N/A)	555.93	0.03	0.02
MH-3854	556.93	555.98	(N/A)	(N/A)	555.98	0.02	0.02
MH-3853	556.98	(N/A)	(N/A)	(N/A)	556.03	0.01	0.01
MH-4189	557.07	553.74	556.12	(N/A)	553.74	24.57	0.47
MH-3561	557.07	556.11	(N/A)	(N/A)	556.11	0.01	0.02
MH-3873	557.08	556.13	(N/A)	(N/A)	556.13	0.01	0.01
MH-3872	557.12	(N/A)	(N/A)	(N/A)	556.17	0	0.01
MH-3251	557.17	556.22	(N/A)	(N/A)	556.22	0.03	0.02
MH-4018	557.23	553.76	(N/A)	(N/A)	553.76	24.55	0.47
MH-4828	557.24	(N/A)	(N/A)	(N/A)	556.29	0.02	0.01
MH-4864	557.27	(N/A)	(N/A)	(N/A)	556.32	0.02	0.02
MH-3562	557.29	556.09	(N/A)	(N/A)	556.09	0.02	0.02
MH-55	557.37	556.21	556.21	(N/A)	556.21	0.06	0.03
MH-56	557.37	556.21	(N/A)	(N/A)	556.21	0.03	0.03
MH-4019	557.39	553.78	(N/A)	(N/A)	553.78	24.53	0.47
MH-4727	557.43	(N/A)	(N/A)	(N/A)	556.48	0.02	0.01
MH-4276	557.54	553.81	(N/A)	(N/A)	553.81	24.52	0.47
MH-3492	557.57	556.06	(N/A)	(N/A)	556.06	0.03	0.03
MH-575	557.66	(N/A)	(N/A)	(N/A)	556.71	0	0.01
MH-576	557.66	556.71	556.18	(N/A)	556.18	0.07	0.04
MH-3525	557.73	553.84	(N/A)	(N/A)	553.84	24.5	0.48
MH-3493	557.78	556.04	(N/A)	(N/A)	556.04	0.04	0.03
MH-4693	557.78	(N/A)	(N/A)	(N/A)	556.83	0.01	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3526	557.85	553.86	(N/A)	(N/A)	553.86	24.49	0.48
MH-3036	557.94	556.02	(N/A)	(N/A)	556.02	0.05	0.03
MH-3496	557.95	556.15	(N/A)	(N/A)	556.15	0.1	0.04
MH-796	557.96	556.14	(N/A)	(N/A)	556.14	0.1	0.04
MH-797	557.96	556.13	556	(N/A)	556	0.15	0.04
MH-4620	558.01	556.8	(N/A)	(N/A)	556.8	0.03	0.02
MH-1055	558.14	553.88	(N/A)	(N/A)	553.88	24.48	0.48
MH-1056	558.16	556.66	553.91	(N/A)	553.91	24.47	0.48
MH-5183	558.19	(N/A)	(N/A)	(N/A)	557.24	0.01	0.01
MH-3279	558.21	556.77	(N/A)	(N/A)	556.77	0.04	0.03
MH-2847	558.35	553.93	(N/A)	(N/A)	553.93	24.38	0.48
MH-2833	558.36	556.75	(N/A)	(N/A)	556.75	0.04	0.03
MH-887	558.45	557.37	553.95	(N/A)	553.95	24.38	0.48
MH-234	558.45	556.69	557.5	(N/A)	556.69	0.08	0.04
MH-233	558.45	557.21	556.69	(N/A)	556.69	0.07	0.04
MH-888	558.45	557.38	(N/A)	(N/A)	557.38	2.44	0.17
MH-1840	558.49	557.54	(N/A)	(N/A)	557.54	0.01	0.01
MH-2834	558.5	556.74	(N/A)	(N/A)	556.74	0.05	0.03
MH-3399	558.53	(N/A)	(N/A)	(N/A)	557.58	0.01	0.02
MH-4153	558.6	555.48	(N/A)	(N/A)	555.48	0.17	0.04
MH-3195	558.62	556.72	(N/A)	(N/A)	556.72	0.06	0.03
MH-4896	558.65	557.55	(N/A)	(N/A)	557.55	2.44	0.13
MH-4365	558.68	(N/A)	(N/A)	(N/A)	557.73	0.01	0.01
MH-3400	558.69	557.56	(N/A)	(N/A)	557.56	0.02	0.02
MH-4612	558.75	553.98	(N/A)	(N/A)	553.98	21.93	0.47
MH-4154	558.79	555.3	(N/A)	(N/A)	555.3	0.2	0.04
MH-5171	558.83	557.76	(N/A)	(N/A)	557.76	2.41	0.13
MH-3418	558.85	557.54	(N/A)	(N/A)	557.54	0.03	0.02
MH-4869	559.02	554.01	(N/A)	(N/A)	554.01	21.91	0.47
MH-3958	559.05	557.52	(N/A)	(N/A)	557.52	0.04	0.03
MH-4152	559.13	555.07	(N/A)	(N/A)	555.07	0.22	0.04
MH-733	559.21	558.08	(N/A)	(N/A)	558.08	2.37	0.13
MH-734	559.22	558.15	(N/A)	(N/A)	558.15	2.33	0.13
MH-3974	559.26	557.49	(N/A)	(N/A)	557.49	0.04	0.03
MH-4565	559.26	554.04	(N/A)	(N/A)	554.04	21.87	0.46
MH-4151	559.36	554.92	(N/A)	(N/A)	554.92	0.24	0.05
MH-299	559.45	557.47	554.07	558.5	554.07	21.83	0.46
MH-300	559.45	(N/A)	(N/A)	(N/A)	558.5	0.02	0.02
MH-984	559.47	554.07	(N/A)	(N/A)	554.07	21.76	0.46
MH-6729	559.5	558	(N/A)	(N/A)	558	21.37	0.42
MH-5034	559.57	558.5	(N/A)	(N/A)	558.49	2.3	0.13
MH-3234	559.66	554.1	(N/A)	(N/A)	554.1	21.74	0.45
MH-3235	559.76	557.86	554.67	(N/A)	554.12	21.71	0.45
MH-4725	559.92	558.85	(N/A)	(N/A)	558.83	2.26	0.13
MH-3903	560.25	559.15	(N/A)	(N/A)	559.15	2.23	0.13
MH-6631	560.29	559.04	559.04	(N/A)	558.94	11.02	0.37
MH-1098	560.31	558.78	(N/A)	(N/A)	558.78	11.06	0.34

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1097	560.31	559.13	558.78	(N/A)	558.78	11.36	0.34
MH-657	560.35	558.59	(N/A)	(N/A)	558.59	12.68	0.33
MH-658	560.35	559.33	558.72	(N/A)	558.62	12.66	0.34
MH-5672	560.36	559.29	559.18	(N/A)	559.05	5.08	0.27
MH-6140	560.41	559.39	(N/A)	(N/A)	559.34	1.48	0.14
MH-3736	560.41	558.56	(N/A)	(N/A)	558.56	12.7	0.32
MH-277	560.41	558.41	(N/A)	(N/A)	558.41	20.94	0.4
MH-278	560.41	559.16	558.54	(N/A)	558.44	20.93	0.41
MH-3249	560.42	558.37	(N/A)	(N/A)	558.37	20.95	0.37
MH-538	560.44	559.49	558.36	(N/A)	558.36	21.21	0.31
MH-3978	560.47	559.26	(N/A)	(N/A)	559.26	1.55	0.14
MH-88	560.5	559.19	(N/A)	(N/A)	559.19	1.9	0.15
MH-87	560.5	559.55	559.19	(N/A)	559.19	2.21	0.15
MH-3979	560.54	559.29	(N/A)	(N/A)	559.29	1.48	0.14
MH-3640	560.55	559.33	(N/A)	(N/A)	559.33	1.44	0.13
MH-752	560.55	559.22	(N/A)	(N/A)	559.22	1.9	0.16
MH-751	560.55	559.23	559.6	(N/A)	559.23	1.89	0.16
MH-1848	560.56	559.61	559.41	(N/A)	559.35	1.43	0.13
MH-6632	560.6	559.4	(N/A)	(N/A)	559.4	5.94	0.22
MH-2807	560.61	559.61	559.31	(N/A)	559.31	1.72	0.15
MH-1847	560.64	559.69	(N/A)	(N/A)	559.69	0.55	0.07
MH-2048	560.66	559.71	(N/A)	(N/A)	559.68	0.11	0.03
MH-435	560.68	559.73	559.54	(N/A)	559.47	0.88	0.1
MH-266	560.72	559.77	559.29	(N/A)	559.29	1.76	0.16
MH-265	560.72	559.29	(N/A)	(N/A)	559.29	1.72	0.16
MH-4781	560.75	559.72	(N/A)	(N/A)	559.72	0.23	0.05
MH-3995	560.77	559.82	(N/A)	(N/A)	559.77	0.25	0.05
MH-4400	560.81	559.78	(N/A)	(N/A)	559.78	0.22	0.05
MH-3451	560.81	559.85	(N/A)	(N/A)	559.85	0.53	0.07
MH-3417	560.82	559.81	(N/A)	(N/A)	559.81	0.31	0.05
MH-5664	560.85	559.78	(N/A)	(N/A)	559.71	3.49	0.16
MH-4782	560.86	(N/A)	(N/A)	(N/A)	559.91	0.21	0.04
MH-6139	560.86	559.85	(N/A)	(N/A)	559.85	1.35	0.1
MH-2405	560.88	559.92	(N/A)	(N/A)	559.92	0.1	0.03
MH-4169	560.91	(N/A)	(N/A)	(N/A)	559.96	0.02	0.01
MH-4870	560.95	560	(N/A)	(N/A)	560	0.63	0.08
MH-2404	560.96	560.01	(N/A)	(N/A)	560.01	0.09	0.03
MH-3631	560.99	560.04	(N/A)	(N/A)	560.04	0.51	0.07
MH-2610	561.01	559.96	(N/A)	(N/A)	559.96	0.2	0.04
MH-3996	561.04	560.09	(N/A)	(N/A)	560.05	0.21	0.04
MH-3416	561.04	559.91	(N/A)	(N/A)	559.91	0.3	0.05
MH-5795	561.06	559.81	(N/A)	(N/A)	559.62	8.22	0.21
MH-224	561.07	560.12	(N/A)	(N/A)	560.12	0.08	0.03
MH-223	561.07	560.12	560.12	(N/A)	560.12	0.07	0.03
MH-2609	561.12	560.06	(N/A)	(N/A)	560.06	0.19	0.04
MH-6420	561.18	(N/A)	(N/A)	(N/A)	560.23	0.16	0.04
MH-2942	561.18	560.23	(N/A)	(N/A)	560.23	0.03	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-6144	561.2	559.6	(N/A)	(N/A)	559.6	0.28	0.05
MH-3127	561.22	560.27	(N/A)	(N/A)	560.27	0.03	0.02
MH-2944	561.29	(N/A)	(N/A)	(N/A)	560.34	0.02	0.01
MH-4010	561.29	560.34	(N/A)	(N/A)	560.33	0.16	0.04
MH-5819	561.36	560.34	(N/A)	(N/A)	560.34	1.25	0.1
MH-4772	561.36	560.41	(N/A)	(N/A)	560.31	0.6	0.08
MH-3610	561.36	560.41	(N/A)	(N/A)	560.28	0.47	0.07
MH-4644	561.37	560.05	(N/A)	(N/A)	560.05	0.28	0.05
MH-4283	561.42	(N/A)	(N/A)	(N/A)	560.47	0.01	0.01
MH-260	561.42	560.47	560.4	(N/A)	560.4	0.16	0.04
MH-259	561.42	(N/A)	(N/A)	(N/A)	560.47	0.01	0.01
MH-2585	561.51	560.44	(N/A)	(N/A)	560.21	3.38	0.16
MH-4356	561.57	560.62	(N/A)	(N/A)	560.6	0.11	0.03
MH-1035	561.59	560.6	560.01	(N/A)	560.01	1.26	0.1
MH-5243	561.59	(N/A)	(N/A)	(N/A)	560.64	0.07	0.04
MH-3909	561.61	560.59	(N/A)	(N/A)	560.59	0.15	0.04
MH-544	561.62	560.65	(N/A)	(N/A)	560.65	0.13	0.03
MH-543	561.62	560.67	560.67	(N/A)	560.67	0.12	0.03
MH-1036	561.63	560.04	(N/A)	(N/A)	560.04	1.14	0.12
MH-3521	561.64	560.49	(N/A)	(N/A)	560.49	1.15	0.1
MH-3609	561.68	560.73	(N/A)	(N/A)	560.62	0.41	0.06
MH-5899	561.73	560.48	(N/A)	(N/A)	560.38	8.14	0.21
MH-626	561.73	560.51	(N/A)	(N/A)	560.51	1.11	0.11
MH-625	561.73	560.6	560.76	(N/A)	560.53	1.08	0.12
MH-2281	561.74	560.67	(N/A)	(N/A)	560.58	3.32	0.16
MH-3908	561.75	560.8	(N/A)	(N/A)	560.8	0.13	0.03
MH-713	561.79	560.59	560.63	(N/A)	560.41	5.94	0.2
MH-4116	561.79	560.39	(N/A)	(N/A)	560.39	0.23	0.05
MH-3653	561.79	560.84	(N/A)	(N/A)	560.84	0.03	0.02
MH-4771	561.81	560.86	(N/A)	(N/A)	560.72	0.55	0.07
MH-1415	561.82	560.87	(N/A)	(N/A)	560.84	0.58	0.08
MH-4937	561.89	560.94	(N/A)	(N/A)	560.94	0.07	0.03
MH-3652	561.92	(N/A)	(N/A)	(N/A)	560.97	0.02	0.01
MH-2280	561.94	560.87	(N/A)	(N/A)	560.79	3.28	0.15
MH-371	561.94	560.78	(N/A)	(N/A)	560.78	0.22	0.04
MH-372	561.94	560.99	560.78	(N/A)	560.78	0.2	0.04
MH-3771	561.95	560.97	(N/A)	(N/A)	560.97	0.83	0.09
MH-513	561.96	560.76	(N/A)	(N/A)	560.76	5.31	0.18
MH-5467	561.98	(N/A)	(N/A)	(N/A)	561.02	0.05	0.02
MH-4418	561.99	(N/A)	(N/A)	(N/A)	561.04	0.1	0.03
MH-4936	562.05	(N/A)	(N/A)	(N/A)	561.1	0.03	0.02
MH-4258	562.06	(N/A)	(N/A)	(N/A)	561.11	0.1	0.05
MH-5105	562.08	(N/A)	(N/A)	(N/A)	561.13	0.06	0.03
MH-307	562.12	561.09	560.07	(N/A)	560.07	1.1	0.12
MH-308	562.12	560.1	(N/A)	(N/A)	560.1	1.01	0.12
MH-4219	562.14	561.19	(N/A)	(N/A)	561	0.36	0.06
MH-4840	562.24	561.22	(N/A)	(N/A)	561.22	0.81	0.09

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-453	562.26	561.31	(N/A)	(N/A)	561.31	0.53	0.07
MH-5375	562.28	560.96	(N/A)	(N/A)	560.96	8.07	0.21
MH-105	562.29	561.32	561.32	(N/A)	561.32	0.13	0.03
MH-106	562.29	561.34	(N/A)	(N/A)	561.34	0.04	0.03
MH-5932	562.41	(N/A)	(N/A)	(N/A)	561.46	0.04	0.02
MH-3980	562.42	561.35	(N/A)	(N/A)	561.16	3.22	0.15
MH-5128	562.45	561.25	(N/A)	(N/A)	561.1	5.27	0.18
MH-3309	562.46	561.09	(N/A)	(N/A)	561.09	0.15	0.04
MH-4817	562.47	561.52	(N/A)	(N/A)	561.21	0.48	0.07
MH-3396	562.48	(N/A)	(N/A)	(N/A)	561.48	0.02	0.01
MH-5108	562.52	561.5	(N/A)	(N/A)	561.5	0.3	0.06
MH-3669	562.54	561.29	(N/A)	(N/A)	561.29	0.79	0.11
MH-762	562.59	561.62	(N/A)	(N/A)	561.62	0.74	0.1
MH-3107	562.67	561.72	(N/A)	(N/A)	561.44	0.31	0.05
MH-3096	562.69	561.74	561.62	(N/A)	561.58	3.16	0.15
MH-421	562.7	561.6	(N/A)	(N/A)	561.6	0.75	0.1
MH-422	562.7	561.57	561.45	(N/A)	561.29	8.01	0.21
MH-285	562.73	561.35	561.76	(N/A)	561.33	0.77	0.1
MH-286	562.73	561.78	(N/A)	(N/A)	561.78	0.45	0.07
MH-3310	562.74	560.94	(N/A)	(N/A)	560.94	0.19	0.04
MH-232	562.85	561.88	(N/A)	(N/A)	561.84	0.45	0.07
MH-231	562.85	561.9	561.9	(N/A)	561.9	0.44	0.07
MH-5860	562.86	561.75	(N/A)	(N/A)	561.75	0.26	0.05
MH-6225	562.9	(N/A)	(N/A)	(N/A)	561.95	0.05	0.02
MH-2647	562.92	561.94	(N/A)	(N/A)	561.94	0.73	0.08
MH-4048	562.96	561.89	(N/A)	(N/A)	561.89	2.38	0.13
MH-5747	562.96	560.56	(N/A)	(N/A)	560.56	0.4	0.07
MH-3095	562.99	562.04	(N/A)	(N/A)	561.91	0.74	0.09
MH-2689	563.02	562.07	(N/A)	(N/A)	561.89	0.27	0.05
MH-4852	563.04	561.76	(N/A)	(N/A)	561.76	7.23	0.2
MH-4910	563.04	(N/A)	(N/A)	(N/A)	562.09	0.07	0.04
MH-2648	563.06	561.97	(N/A)	(N/A)	561.97	0.71	0.1
MH-5312	563.1	562.15	(N/A)	(N/A)	562.15	0.36	0.06
MH-4816	563.12	562.17	(N/A)	(N/A)	561.83	0.37	0.06
MH-639	563.12	560.74	562.17	(N/A)	560.74	0.33	0.06
MH-640	563.13	560.62	(N/A)	(N/A)	560.62	0.36	0.06
MH-4921	563.13	562.18	(N/A)	(N/A)	562.18	0.06	0.02
MH-4909	563.19	560.22	562.06	(N/A)	560.22	0.95	0.11
MH-4225	563.23	(N/A)	(N/A)	(N/A)	562.28	0.03	0.03
MH-3047	563.23	562.01	(N/A)	(N/A)	562.01	0.69	0.1
MH-5889	563.29	(N/A)	(N/A)	(N/A)	562.34	0.1	0.03
MH-3888	563.3	562.1	(N/A)	(N/A)	562.1	0.66	0.09
MH-2688	563.31	562.36	(N/A)	(N/A)	562.22	0.24	0.05
MH-3320	563.32	562.25	(N/A)	(N/A)	562.13	2.3	0.13
MH-4676	563.38	562.18	(N/A)	(N/A)	561.67	5.12	0.17
MH-5196	563.39	562.44	(N/A)	(N/A)	562.44	0.33	0.06
MH-3048	563.39	562.05	(N/A)	(N/A)	562.05	0.68	0.09

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3574	563.39	562.44	(N/A)	(N/A)	562.29	0.71	0.08
MH-6478	563.42	(N/A)	(N/A)	(N/A)	562.47	0.16	0.04
MH-545	563.45	(N/A)	(N/A)	(N/A)	562.5	0.01	0.01
MH-546	563.46	562.25	562.5	562.51	562.25	0.11	0.05
MH-1043	563.47	560.48	(N/A)	(N/A)	560.48	0.43	0.07
MH-690	563.51	560.38	562.56	562.43	560.31	0.82	0.1
MH-3321	563.55	562.48	(N/A)	(N/A)	562.44	2.27	0.13
MH-649	563.55	561.99	562.6	(N/A)	561.99	7.19	0.2
MH-650	563.55	(N/A)	(N/A)	(N/A)	562.6	0.04	0.02
MH-1038	563.58	562.13	(N/A)	(N/A)	562.13	0.64	0.09
MH-519	563.61	562.2	562.2	(N/A)	562.17	0.63	0.09
MH-5195	563.63	562.68	(N/A)	(N/A)	562.68	0.28	0.05
MH-5031	563.66	562.71	(N/A)	(N/A)	562.71	0.15	0.04
MH-3573	563.67	562.65	(N/A)	(N/A)	562.65	0.68	0.08
MH-4949	563.77	562.82	(N/A)	(N/A)	562.5	0.26	0.05
MH-5142	563.78	(N/A)	(N/A)	(N/A)	562.83	0.05	0.02
MH-4264	563.78	562.81	(N/A)	(N/A)	562.81	0.22	0.04
MH-6383	563.84	(N/A)	(N/A)	(N/A)	562.89	0.04	0.02
MH-1029	563.88	562.92	562.92	(N/A)	562.92	0.24	0.05
MH-1028	563.89	562.94	(N/A)	(N/A)	562.94	0.09	0.04
MH-4306	563.95	562.47	(N/A)	(N/A)	562.47	5.02	0.17
MH-5715	563.97	(N/A)	(N/A)	(N/A)	563.02	0.09	0.03
MH-4631	563.98	563.03	(N/A)	(N/A)	562.7	0.21	0.04
MH-5704	564	563.02	(N/A)	(N/A)	563.02	0.61	0.08
MH-5339	564.14	563.12	(N/A)	(N/A)	563.12	0.06	0.02
MH-4874	564.15	563.08	(N/A)	(N/A)	562.89	2.2	0.13
MH-5881	564.16	562.05	(N/A)	(N/A)	562.05	7.12	0.28
MH-6154	564.17	563.22	(N/A)	(N/A)	563.22	0.35	0.06
MH-5734	564.2	563.25	(N/A)	(N/A)	563.25	0.16	0.04
MH-3422	564.33	(N/A)	(N/A)	(N/A)	563.38	0.05	0.03
MH-732	564.34	563.39	563.39	(N/A)	562.18	0.43	0.06
MH-4963	564.38	(N/A)	(N/A)	(N/A)	563.15	0.15	0.04
MH-3084	564.39	563.44	(N/A)	(N/A)	563.44	0.37	0.06
MH-4637	564.42	563.47	562.97	(N/A)	562.97	0.47	0.07
MH-4305	564.42	562.66	(N/A)	(N/A)	562.66	4.93	0.17
MH-3085	564.44	563.37	(N/A)	(N/A)	563.37	0.38	0.07
MH-425	564.44	(N/A)	(N/A)	(N/A)	563.49	0.01	0.01
MH-426	564.45	563.36	563.49	563.36	563.36	0.17	0.04
MH-2889	564.47	563.52	(N/A)	(N/A)	563.32	0.16	0.04
MH-6130	564.51	(N/A)	(N/A)	(N/A)	563.56	0.1	0.03
MH-4636	564.51	(N/A)	(N/A)	(N/A)	563.56	0.04	0.02
MH-6374	564.6	(N/A)	(N/A)	(N/A)	563.65	0.11	0.03
MH-2625	564.6	563.53	(N/A)	(N/A)	563.4	2.14	0.12
MH-5882	564.62	562.1	(N/A)	(N/A)	562.1	7.05	0.29
MH-5340	564.66	563.71	(N/A)	(N/A)	563.71	0.09	0.03
MH-3757	564.7	563.23	(N/A)	(N/A)	563.23	0.47	0.08
MH-3756	564.71	563.17	(N/A)	(N/A)	563.17	0.54	0.09

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2888	564.74	563.79	(N/A)	(N/A)	563.68	0.14	0.04
MH-6352	564.76	(N/A)	(N/A)	(N/A)	563.81	0.1	0.03
MH-5454	564.78	(N/A)	(N/A)	(N/A)	563.83	0.03	0.03
MH-2626	564.81	563.74	(N/A)	(N/A)	563.68	2.11	0.12
MH-2660	564.82	563.79	(N/A)	(N/A)	563.79	0.09	0.04
MH-4342	564.87	562.69	(N/A)	(N/A)	562.69	4.85	0.22
MH-5266	564.88	563.93	(N/A)	(N/A)	563.93	0.29	0.05
MH-6387	564.91	563.96	(N/A)	(N/A)	563.96	0.29	0.05
MH-2217	565	563.82	(N/A)	(N/A)	563.82	0.31	0.05
MH-5480	565	(N/A)	(N/A)	(N/A)	564.05	0.02	0.01
MH-2218	565	563.69	(N/A)	(N/A)	563.69	0.34	0.06
MH-518	565.01	563.78	563.78	(N/A)	563.78	0.12	0.04
MH-517	565.01	563.78	(N/A)	(N/A)	563.78	0.13	0.03
MH-5347	565.07	564.04	(N/A)	(N/A)	564.04	0	0
MH-1067	565.11	564.16	562.15	(N/A)	562.15	7	0.29
MH-4385	565.12	563.21	(N/A)	(N/A)	563.21	0.4	0.07
MH-3882	565.12	564.17	(N/A)	(N/A)	564.17	0.06	0.04
MH-5855	565.13	(N/A)	(N/A)	(N/A)	564.18	0.04	0.02
MH-1068	565.14	562.17	(N/A)	(N/A)	562.17	6.94	0.29
MH-5574	565.15	562.84	(N/A)	(N/A)	562.84	0.22	0.05
MH-6243	565.15	(N/A)	(N/A)	(N/A)	564.2	0	0
MH-5938	565.16	(N/A)	(N/A)	(N/A)	564.21	0.09	0.04
MH-621	565.17	563.29	(N/A)	(N/A)	563.29	0.44	0.07
MH-622	565.18	564.23	563.37	(N/A)	563.37	0.43	0.07
MH-2232	565.19	(N/A)	(N/A)	(N/A)	564.24	0.02	0.01
MH-2231	565.2	564.13	(N/A)	(N/A)	564.03	2.08	0.12
MH-4350	565.2	564.08	(N/A)	(N/A)	564.08	0.11	0.03
MH-5327	565.22	(N/A)	(N/A)	(N/A)	564.27	0.03	0.02
MH-237	565.23	563.61	563.94	(N/A)	563.61	0.35	0.06
MH-238	565.23	563.95	(N/A)	(N/A)	563.95	0.21	0.04
MH-4242	565.24	(N/A)	(N/A)	(N/A)	564.29	0.03	0.02
MH-2923	565.29	564.34	(N/A)	(N/A)	564.34	0.05	0.03
MH-930	565.3	562.97	564.1	(N/A)	562.72	4.77	0.24
MH-929	565.32	564.12	(N/A)	(N/A)	564.12	4.22	0.19
MH-5299	565.34	(N/A)	(N/A)	(N/A)	564.39	0.04	0.03
MH-5346	565.34	564.08	(N/A)	(N/A)	564.08	0	0
MH-493	565.34	564.14	564.16	562.41	562.18	6.93	0.29
MH-494	565.34	562.42	(N/A)	(N/A)	562.42	1.22	0.12
MH-3883	565.35	564.15	(N/A)	(N/A)	564.15	0.09	0.04
MH-2922	565.36	(N/A)	(N/A)	(N/A)	564.41	0.03	0.02
MH-5600	565.37	564.42	(N/A)	(N/A)	563.81	0.27	0.05
MH-3572	565.4	564.35	(N/A)	(N/A)	564.35	0.06	0.02
MH-6386	565.45	(N/A)	(N/A)	(N/A)	564.5	0.2	0.04
MH-3778	565.45	562.49	(N/A)	(N/A)	562.49	1.2	0.13
MH-360	565.55	564.6	562.59	563.86	562.52	1.17	0.13
MH-359	565.55	563.87	(N/A)	(N/A)	563.87	0.69	0.08
MH-4519	565.62	564.17	(N/A)	(N/A)	564.17	0.19	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4520	565.63	564.37	(N/A)	(N/A)	564.37	0.17	0.04
MH-5161	565.63	(N/A)	(N/A)	(N/A)	564.68	0.06	0.04
MH-4386	565.65	563.11	(N/A)	(N/A)	563.11	0.5	0.08
MH-5154	565.65	564.31	(N/A)	(N/A)	564.31	0.1	0.05
MH-5993	565.66	(N/A)	(N/A)	(N/A)	564.71	0	0
MH-4673	565.67	564.65	(N/A)	(N/A)	564.65	0.13	0.03
MH-1403	565.7	563.94	(N/A)	(N/A)	563.94	0.66	0.09
MH-1402	565.73	563.95	564.78	(N/A)	563.95	0.64	0.09
MH-6081	565.74	564.14	564.14	(N/A)	564.14	0	0
MH-5802	565.76	564.56	(N/A)	(N/A)	564.56	5.6	0.18
MH-3401	565.8	(N/A)	(N/A)	(N/A)	564.85	0.02	0.02
MH-3402	565.81	564.83	(N/A)	(N/A)	564.83	0.04	0.03
MH-2983	565.82	564	(N/A)	(N/A)	564	0.55	0.08
MH-3668	565.92	564.81	(N/A)	(N/A)	564.81	0.07	0.04
MH-6727	565.93	564.98	564.68	(N/A)	564.68	0	0
MH-3921	565.94	564.79	564.67	(N/A)	564.67	2.05	0.12
MH-174	565.94	564.09	564.1	(N/A)	564.06	0.53	0.08
MH-173	565.94	564.99	564.1	(N/A)	564.1	0.42	0.07
MH-5850	566.06	564.86	(N/A)	(N/A)	564.63	4.14	0.16
MH-2932	566.1	565.15	(N/A)	(N/A)	565.15	0.1	0.03
MH-4600	566.12	(N/A)	(N/A)	(N/A)	565.17	0.06	0.04
MH-5092	566.14	565.19	564.26	(N/A)	564.26	0.31	0.06
MH-5994	566.2	564.65	(N/A)	(N/A)	564.65	0	0
MH-2931	566.25	565.3	(N/A)	(N/A)	565.3	0.09	0.03
MH-4601	566.28	565.14	(N/A)	(N/A)	565.14	0.1	0.05
MH-6179	566.34	565.14	(N/A)	(N/A)	565.14	5.51	0.18
MH-137	566.35	565.1	565.4	565.03	564.98	1.91	0.12
MH-138	566.35	(N/A)	(N/A)	(N/A)	565.4	0.02	0.02
MH-1027	566.38	565.03	(N/A)	(N/A)	565.03	1.78	0.13
MH-6332	566.39	(N/A)	(N/A)	(N/A)	565.44	0.07	0.02
MH-4793	566.44	565.49	(N/A)	(N/A)	565.49	0.25	0.05
MH-780	566.46	565.11	(N/A)	(N/A)	565.11	4.04	0.15
MH-779	566.47	565.27	(N/A)	(N/A)	565.27	3.98	0.15
MH-4206	566.49	(N/A)	(N/A)	(N/A)	565.54	0.07	0.02
MH-6302	566.52	(N/A)	(N/A)	(N/A)	564.61	0.24	0.05
MH-5782	566.55	(N/A)	(N/A)	(N/A)	565.6	0.13	0.03
MH-6375	566.62	565.67	(N/A)	(N/A)	565.67	0	0
MH-3706	566.71	565.74	(N/A)	(N/A)	565.74	0.19	0.04
MH-5697	566.78	(N/A)	(N/A)	(N/A)	565.83	0.06	0.04
MH-6178	566.81	565.61	(N/A)	(N/A)	565.61	5.39	0.18
MH-3137	566.82	565.74	(N/A)	(N/A)	565.74	0.14	0.04
MH-379	566.83	565.54	565.07	(N/A)	565.07	1.74	0.15
MH-1515	566.84	565.08	(N/A)	(N/A)	565.08	1.59	0.15
MH-3705	566.88	(N/A)	(N/A)	(N/A)	565.93	0.14	0.04
MH-3829	566.91	(N/A)	(N/A)	(N/A)	565.96	0.01	0.01
MH-4686	566.92	565.79	(N/A)	(N/A)	565.79	0.1	0.05
MH-4310	566.92	565.72	(N/A)	(N/A)	565.59	3.9	0.15

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4617	566.96	(N/A)	(N/A)	(N/A)	566.01	0.06	0.04
MH-3136	567.02	565.76	(N/A)	(N/A)	565.76	0.12	0.05
MH-3830	567.03	565.94	(N/A)	(N/A)	565.94	0.03	0.02
MH-2605	567.07	565.11	(N/A)	(N/A)	565.11	1.55	0.14
MH-5098	567.1	(N/A)	(N/A)	(N/A)	566.15	0.01	0.02
MH-325	567.2	565.13	(N/A)	(N/A)	565.13	1.53	0.14
MH-2655	567.2	565.98	(N/A)	(N/A)	565.98	0.09	0.04
MH-6360	567.23	566.28	(N/A)	(N/A)	565.17	0.2	0.04
MH-4397	567.24	565.9	(N/A)	(N/A)	565.9	0.04	0.03
MH-3849	567.25	566.05	(N/A)	(N/A)	565.98	3.86	0.15
MH-6214	567.27	566.32	(N/A)	(N/A)	566.32	0	0
MH-5099	567.3	566.12	(N/A)	(N/A)	566.12	0.03	0.02
MH-4096	567.31	(N/A)	(N/A)	(N/A)	566.36	0.01	0.01
MH-2656	567.33	565.96	(N/A)	(N/A)	565.96	0.11	0.05
MH-1947	567.41	565.87	(N/A)	(N/A)	565.87	0.06	0.03
MH-3993	567.42	566.34	(N/A)	(N/A)	566.34	0.02	0.02
MH-1948	567.47	565.23	565.86	(N/A)	565.18	1.5	0.14
MH-2636	567.47	565.94	(N/A)	(N/A)	565.94	0.14	0.04
MH-2776	567.47	(N/A)	(N/A)	(N/A)	566.52	0.01	0.01
MH-3994	567.52	566.31	(N/A)	(N/A)	566.31	0.03	0.02
MH-3676	567.53	566.33	(N/A)	(N/A)	566.27	3.82	0.15
MH-2777	567.54	566.51	(N/A)	(N/A)	566.51	0.02	0.02
MH-3079	567.54	566.08	(N/A)	(N/A)	566.08	0.04	0.03
MH-2637	567.6	565.82	(N/A)	(N/A)	565.82	0.31	0.06
MH-1735	567.63	565.27	566.06	(N/A)	565.27	1.41	0.14
MH-4374	567.63	(N/A)	(N/A)	(N/A)	566.68	0.16	0.04
MH-4431	567.63	566.48	(N/A)	(N/A)	566.48	0.03	0.02
MH-2300	567.65	566.28	(N/A)	(N/A)	566.28	0.03	0.03
MH-3205	567.68	565.73	(N/A)	(N/A)	565.73	0.33	0.06
MH-1734	567.71	565.28	566.27	(N/A)	565.28	1.36	0.14
MH-2690	567.76	566.45	(N/A)	(N/A)	566.45	0.04	0.03
MH-6213	567.78	566.83	(N/A)	(N/A)	566.83	0	0
MH-3677	567.79	566.59	(N/A)	(N/A)	566.54	3.78	0.15
MH-3622	567.82	565.62	(N/A)	(N/A)	565.62	0.35	0.06
MH-585	567.83	566.88	566.46	(N/A)	566.46	0.33	0.06
MH-279	567.83	566.44	565.31	(N/A)	565.31	1.31	0.14
MH-6312	567.84	565.9	(N/A)	(N/A)	565.9	5.25	0.2
MH-3623	567.95	565.54	(N/A)	(N/A)	565.54	0.37	0.06
MH-3007	567.95	566.39	(N/A)	(N/A)	566.39	0.35	0.06
MH-3796	567.98	565.34	(N/A)	(N/A)	565.34	1.25	0.14
MH-447	568.11	565.44	567.07	(N/A)	565.37	1.23	0.13
MH-448	568.11	567.16	(N/A)	(N/A)	567.1	0.84	0.1
MH-3542	568.12	566.92	(N/A)	(N/A)	566.89	3.72	0.15
MH-2750	568.13	566.28	(N/A)	(N/A)	566.28	0.36	0.06
MH-5821	568.17	(N/A)	(N/A)	(N/A)	567.22	0.16	0.04
MH-2751	568.26	567.06	566.22	567.31	565.97	5.05	0.25
MH-2421	568.34	567.14	(N/A)	(N/A)	567.13	3.66	0.15

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5365	568.48	567.28	(N/A)	(N/A)	567.28	4.23	0.16
MH-2422	568.49	567.29	(N/A)	(N/A)	567.27	3.62	0.14
MH-6242	568.58	567.63	(N/A)	(N/A)	567.63	0.8	0.09
MH-6519	568.59	(N/A)	(N/A)	(N/A)	567.64	0	0
MH-199	568.6	567.65	567.65	(N/A)	567.65	0.44	0.07
MH-1972	568.67	567.47	(N/A)	(N/A)	567.45	3.59	0.14
MH-5667	568.74	567.54	(N/A)	(N/A)	567.54	4.22	0.16
MH-1973	568.78	567.57	(N/A)	(N/A)	567.57	3.57	0.14
MH-945	568.84	567.88	(N/A)	(N/A)	567.88	0.1	0.03
MH-3948	568.84	567.64	(N/A)	(N/A)	567.64	3.54	0.15
MH-944	568.85	567.9	567.9	(N/A)	567.9	0.09	0.04
MH-4655	568.95	567.75	(N/A)	(N/A)	567.75	3.51	0.14
MH-2251	568.95	568	(N/A)	(N/A)	568	0.05	0.02
MH-4071	568.99	(N/A)	(N/A)	(N/A)	568.04	0.03	0.02
MH-2250	569	568.05	(N/A)	(N/A)	568.05	0.05	0.02
MH-1010	569.01	568.05	568.05	(N/A)	568.05	0.71	0.08
MH-1011	569.03	568.08	(N/A)	(N/A)	568.08	0.5	0.08
MH-2729	569.07	568.12	(N/A)	(N/A)	568.12	0.04	0.02
MH-3302	569.12	568.17	(N/A)	(N/A)	568.17	0.11	0.04
MH-548	569.13	568.16	(N/A)	(N/A)	568.16	0.31	0.05
MH-2876	569.14	(N/A)	(N/A)	(N/A)	568.19	0.02	0.02
MH-4556	569.17	567.97	(N/A)	(N/A)	567.97	4.18	0.16
MH-5136	569.26	(N/A)	(N/A)	(N/A)	568.31	0.02	0.02
MH-3301	569.31	568.27	(N/A)	(N/A)	568.27	0.06	0.02
MH-599	569.34	568.12	(N/A)	(N/A)	568.12	0.48	0.07
MH-600	569.34	568.21	568.21	(N/A)	568.21	0.43	0.07
MH-4555	569.41	568.21	(N/A)	(N/A)	568.21	4.11	0.15
MH-5933	569.46	568.24	(N/A)	(N/A)	568.24	3.44	0.14
MH-5894	569.48	568.42	(N/A)	(N/A)	568.42	0.25	0.05
MH-6173	569.49	(N/A)	(N/A)	(N/A)	568.54	0.02	0.01
MH-1941	569.56	568.49	(N/A)	(N/A)	568.36	3.37	0.16
MH-5567	569.57	(N/A)	(N/A)	(N/A)	568.62	0.02	0.02
MH-4318	569.58	568.3	(N/A)	(N/A)	568.3	0.38	0.07
MH-1942	569.66	568.6	568.59	(N/A)	568.54	3.34	0.16
MH-5078	569.72	568.52	(N/A)	(N/A)	568.52	4.01	0.15
MH-954	569.73	568.64	(N/A)	(N/A)	568.64	1.14	0.12
MH-953	569.74	568.79	568.72	(N/A)	568.68	1.12	0.12
MH-181	569.78	568.83	(N/A)	(N/A)	568.83	0.19	0.04
MH-3058	569.84	568.77	(N/A)	(N/A)	568.76	2.2	0.13
MH-6005	569.9	(N/A)	(N/A)	(N/A)	567.36	0.09	0.03
MH-273	569.94	568.58	568.74	(N/A)	568.58	0.35	0.06
MH-274	569.94	568.85	(N/A)	(N/A)	568.85	0.27	0.05
MH-5131	570.02	568.88	(N/A)	(N/A)	568.88	0.75	0.1
MH-5130	570.06	568.96	(N/A)	(N/A)	568.96	0.66	0.09
MH-5306	570.08	568.95	(N/A)	(N/A)	568.95	0.23	0.05
MH-4690	570.14	569.06	(N/A)	(N/A)	569.06	2.18	0.12
MH-4488	570.17	569.22	569.08	(N/A)	569.05	0.58	0.08

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-610	570.18	569.04	(N/A)	(N/A)	569.04	0.3	0.05
MH-609	570.18	569.22	569.23	(N/A)	569.22	0.29	0.05
MH-4394	570.26	569.2	(N/A)	(N/A)	569.2	0.33	0.06
MH-5912	570.27	(N/A)	(N/A)	(N/A)	569.32	0.16	0.04
MH-6282	570.34	569.14	(N/A)	(N/A)	569.14	3.68	0.15
MH-4359	570.34	569.37	(N/A)	(N/A)	569.37	0.24	0.05
MH-6303	570.38	(N/A)	(N/A)	(N/A)	569.43	0.15	0.04
MH-4393	570.39	569.33	(N/A)	(N/A)	569.33	0.29	0.05
MH-5054	570.46	569.39	(N/A)	(N/A)	569.39	2.15	0.12
MH-534	570.47	(N/A)	(N/A)	(N/A)	569.52	0.25	0.05
MH-369	570.53	569.58	(N/A)	(N/A)	569.58	0.04	0.03
MH-370	570.53	569.56	569.56	(N/A)	569.56	0.22	0.04
MH-5175	570.67	(N/A)	(N/A)	(N/A)	569.72	0.02	0.01
MH-4022	570.91	569.84	(N/A)	(N/A)	569.84	2.1	0.12
MH-5174	570.93	(N/A)	(N/A)	(N/A)	569.95	0.18	0.04
MH-6281	570.96	569.58	(N/A)	(N/A)	569.58	3.57	0.14
MH-6435	571.04	(N/A)	(N/A)	(N/A)	570.06	0.03	0.02
MH-6087	571.1	570.15	(N/A)	(N/A)	570.15	0.15	0.04
MH-5331	571.13	(N/A)	(N/A)	(N/A)	570.11	1.23	0.13
MH-242	571.21	570.08	570.2	(N/A)	570.08	2.04	0.12
MH-241	571.21	570.14	570.26	(N/A)	570.14	2.02	0.12
MH-1137	571.28	570.33	(N/A)	(N/A)	570.33	0.01	0.01
MH-5288	571.3	570.05	(N/A)	(N/A)	570	1.47	0.14
MH-5143	571.45	569.95	(N/A)	(N/A)	569.95	1.77	0.16
MH-6184	571.46	569.68	(N/A)	(N/A)	569.68	3.51	0.21
MH-3086	571.49	570.54	(N/A)	(N/A)	570.41	0.11	0.03
MH-5070	571.55	569.91	(N/A)	(N/A)	569.91	1.94	0.16
MH-5071	571.67	569.87	(N/A)	(N/A)	569.74	3.18	0.2
MH-645	571.76	570.81	570.68	(N/A)	570.31	1.9	0.12
MH-3529	571.83	570.88	(N/A)	(N/A)	570.68	0.1	0.03
MH-2045	571.94	(N/A)	(N/A)	(N/A)	570.92	0	0
MH-5463	571.95	(N/A)	(N/A)	(N/A)	570.59	0.01	0.01
MH-6088	571.96	(N/A)	(N/A)	(N/A)	570.71	0.08	0.03
MH-2766	572.02	570.94	(N/A)	(N/A)	570.84	1.9	0.12
MH-3636	572.18	(N/A)	(N/A)	(N/A)	571.23	0.07	0.04
MH-2985	572.24	571.16	(N/A)	(N/A)	571.16	1.89	0.12
MH-847	572.28	571.2	(N/A)	(N/A)	570.99	0.09	0.03
MH-846	572.29	571.34	571.21	(N/A)	571.21	0.09	0.04
MH-2953	572.49	571.42	(N/A)	(N/A)	571.42	1.88	0.15
MH-3094	572.52	(N/A)	(N/A)	(N/A)	571.54	0.01	0.01
MH-3590	572.56	571.39	(N/A)	(N/A)	571.39	1.89	0.12
MH-2952	572.69	571.58	(N/A)	(N/A)	571.58	1.87	0.12
MH-2122	572.77	571.78	(N/A)	(N/A)	571.78	0.02	0.02
MH-6136	572.79	(N/A)	(N/A)	(N/A)	571.84	0.02	0.02
MH-2852	572.9	571.77	571.95	(N/A)	571.77	0.04	0.03
MH-3478	572.92	571.62	(N/A)	(N/A)	571.62	1.86	0.14
MH-2701	572.93	571.98	(N/A)	(N/A)	571.98	0.01	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 1

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1528	572.94	571.99	(N/A)	(N/A)	571.99	0.01	0.01
MH-1529	572.95	572	(N/A)	(N/A)	572	0.01	0.01
MH-1617	572.96	572.01	(N/A)	(N/A)	572.01	0	0.01
MH-1726	572.97	(N/A)	(N/A)	(N/A)	572.02	0	0.01
MH-2692	573	(N/A)	(N/A)	(N/A)	572.05	0.19	0.04
MH-1240	573.02	571.76	571.84	571.88	571.64	1.85	0.15
MH-2693	573.05	571.95	(N/A)	(N/A)	571.95	0.25	0.05
MH-2903	573.05	571.9	(N/A)	(N/A)	571.9	1.45	0.13
MH-2904	573.07	571.93	(N/A)	(N/A)	571.93	1.45	0.13
MH-1239	573.07	571.86	(N/A)	(N/A)	571.86	0.36	0.06
MH-3360	573.08	572	(N/A)	(N/A)	571.95	1.42	0.13
MH-4322	573.09	(N/A)	(N/A)	(N/A)	572.07	1.26	0.14
MH-3466	573.09	572.03	(N/A)	(N/A)	572.03	1.35	0.14

OUTFALL REPORT ZONE 2,3 & 5 - Part - 1

ID	Label	Elevation (Ground) (m)	Elevation (Invert) (m)	Hydraulic Grade (m)	Flow (Total Out) (MLD)
12909	OF-1	545	542.47	542.47	249.3769

PART – 2

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-449	MH-6781	MH-5956	573.7	573.59	572.4	572.29	71.9	500	0.97	672.763	14.5299	11.6224	0.8	0.8	0.8	63.3	0.011	Concrete
ZONE 235-6791	MH-6637	MH-6607	600.63	599.46	599.33	598.16	206.1	500	1.6	176.579	28.3611	11.0946	0.8	0.8	0.8	48.7	0.011	Concrete
ZONE 235-6787	MH-6117	MH-6177	609.62	610.02	608.67	607.95	208.9	150	0.6	287.672	0.8962	0.4562	1.4	0.8	1.92	47	0.011	Concrete
ZONE 235-4835	MH-911	MH-6655	608.1	608.1	606.4	607.15	209.2	150	0.25	280.017	0.9084	0.021	1.2	1.55	0.8	23.1	0.011	Concrete
ZONE 235-6333	MH-3324	MH-925	575.37	575.25	574.33	574.16	29.3	150	0.6	169.98	1.1659	0.2267	0.9	0.89	0.94	31.7	0.011	Concrete
ZONE 235-6215	MH-4638	MH-4309	573.93	573.99	572.61	572.63	29.3	450	0.73	1,000.00	8.9986	6.7183	0.9	0.87	0.91	63.1	0.011	Concrete
ZONE 235-2098	MH-4640	MH-4641	606.51	606.47	604.33	604.57	29.3	150	0.6	122.96	1.3708	0.1511	1.9	2.02	1.75	25.6	0.011	Concrete
ZONE 235-6277	MH-2893	MH-2894	576.02	575.96	575.07	574.96	16.2	150	0.6	142.502	1.2733	0.1813	0.8	0.8	0.85	29.9	0.011	Concrete
ZONE 235-4781	MH-5576	MH-6663	608.93	606.23	607.98	605.28	286.1	150	0.56	106.161	1.4753	0.0972	0.8	0.8	0.8	18.5	0.011	Concrete
ZONE 235-6797	MH-6664	MH-6613	592.7	591.3	591.4	590	276.7	500	1.71	197.165	26.8397	17.1495	0.8	0.8	0.8	61.5	0.011	Concrete
ZONE 235-6800	MH-6665	MH-6633	583.06	580.72	581.76	579.42	277.1	500	2.22	118.235	34.6593	22.7192	0.8	0.8	0.8	70.7	0.011	Concrete
ZONE 235-6815	MH-6666	MH-1316	565.11	560.2	561.54	558.6	294.4	800	2.77	100	131.9815	43.3992	1.8	2.77	0.8	55.1	0.011	Concrete
ZONE 235-6307	MH-2476	MH-2477	575.8	575.72	574.85	574.73	13.6	150	0.6	113.063	1.4295	0.1363	0.8	0.8	0.85	25.2	0.011	Concrete
ZONE 235-6794	MH-6668	MH-6642	596.71	595.34	595.41	594.04	297.6	500	1.61	217.104	25.5775	15.4732	0.8	0.8	0.8	58.7	0.011	Concrete
ZONE 235-4825	MH-6116	MH-6669	607.15	608.5	606.2	607.55	315.7	150	0.68	233.906	0.9939	0.551	0.8	0.8	0.8	50.6	0.011	Concrete
ZONE 235-6793	MH-6608	MH-6668	598.45	596.71	597.15	595.41	319	500	1.61	183.981	27.7848	12.1491	0.8	0.8	0.8	54.3	0.011	Concrete
ZONE 235-2086	MH-4665	MH-4666	606.47	606.43	604.64	605.03	40.3	150	0.6	102.727	1.4997	0.1208	1.5	1.68	1.25	20.6	0.011	Concrete
ZONE 235-6817	MH-6077	MH-6559	559.79	560.46	557.57	557.11	457.8	900	1.19	1,000.00	57.1373	49.9469	1.9	1.32	2.45	73.6	0.011	Concrete
ZONE 235-6799	MH-6614	MH-6665	589.99	583.06	588.69	581.76	817.5	500	2.14	118.041	34.6878	19.5782	0.8	0.8	0.8	67.8	0.011	Concrete
ZONE 235-2071	MH-4674	MH-4675	608.65	608.92	607.7	607.97	29.6	150	0.41	110.797	1.4441	0.036	0.8	0.8	0.8	12.5	0.011	Concrete
ZONE 235-4088	MH-2402	MH-1315	560.24	560.21	559.04	559.01	13.7	400	0.87	427.23	11.0619	2.8346	0.8	0.8	0.8	36.6	0.01	Concrete
CO-14	MH-911	MH-6112	608.1	607.83	606.34	606.23	65.8	217	0.6	621.859	1.7949	1.0972	1.5	1.55	1.39	57.3	0.01	HDPE
CO-15	MH-991	MH-914	606.22	606.26	604.79	604.78	6.6	400	0.8	518.113	9.1318	3.5693	1.1	1.02	1.08	57.9	0.011	Concrete
CO-17	MH-769	MH-5412	606.7	606.75	604.92	605.01	40.6	400	0.84	457.036	10.6951	2.758	1.4	1.38	1.34	39.1	0.01	Concrete
CO-18	MH-5412	MH-542	606.75	606.8	605.01	605.1	94.9	400	0.63	1,000.00	7.2303	2.7473	1.3	1.34	1.3	38.2	0.01	Concrete
CO-21	MH-565	MH-3678	606.44	606.25	603.99	603.97	20.1	150	0.4	1,000.00	0.5287	0.5006	2.2	2.3	2.13	57.1	0.01	Concrete
CO-26	MH-914	MH-6492	606.26	606.32	604.96	605.06	49.8	217	0.6	519.066	1.9646	0.8331	1.1	1.08	1.05	41.1	0.01	HDPE
CO-27	MH-6492	MH-4955	606.32	606.33	605.06	605.08	9.3	217	0.6	509.412	1.9832	0.8114	1	1.05	1.04	44.5	0.01	HDPE
ZONE 235-2297	MH-1861	MH-4682	606.88	607.04	605.32	605.38	29.7	175	0.6	469.936	1.1635	0.7214	1.4	1.39	1.49	56.5	0.01	HDPE
CO-33	MH-6310	MH-6058	606.95	607.05	605.48	605.55	54.4	271	0.6	790.124	2.8801	1.564	1.2	1.2	1.23	52.2	0.01	HDPE
CO-35	MH-5948	MH-6660	607.2	607.25	605.82	606.23	260.9	217	0.6	624.931	1.7905	1.1057	1	1.17	0.8	61.7	0.01	HDPE
CO-36	MH-3955	MH-6650	575.9	575.83	574.95	574.88	41.4	150	0.5	581.973	0.6931	0.5046	0.8	0.8	0.8	54.4	0.01	HDPE
ZONE 235-2085	MH-4687	MH-419	608.54	608.86	607.59	607.89	29.5	150	0.48	100	1.52	0.0562	0.8	0.8	0.82	14	0.011	HDPE
ZONE 235-6287	MH-4147	MH-4688	574.81	574.95	573.86	573.97	11.3	150	0.17	100	1.52	0.0017	0.8	0.8	0.83	3.7	0.011	HDPE
CO-40	MH-5721	MH-5718	564.77	564.58	563.82	563.63	44.9	150	0.33	234.535	0.9925	0.0417	0.8	0.8	0.8	13.3	0.011	HDPE
ZONE 235-4026	MH-4691	MH-413	567.5	567.67	564.47	564.5	29.8	271	0.6	784.06	2.8912	1.5449	2.8	2.76	2.89	57.6	0.01	HDPE
ZONE 235-2229	MH-4497	MH-4367	606.74	606.77	605.72	605.69	29.8	150	0.19	1,000.00	0.4807	0.0387	0.9	0.88	0.93	19.4	0.011	HDPE
ZONE 235-2140	MH-4554	MH-4593	607.08	607.64	606.13	606.43	29.9	150	0.32	100	1.52	0.0145	0.9	0.8	1.06	7.2	0.011	HDPE
ZONE 235-2296	MH-2544	MH-810	606.74	606.82	605.24	605.3	30.2	175	0.6	480.158	1.151	0.7479	1.3	1.33	1.35	57.7	0.01	HDPE
ZONE 235-2136	MH-4723	MH-4981	606.4	606.36	605.29	605.32	32.6	150	0.17	1,000.00	0.4807	0.0256	0.9	0.96	0.89	15.9	0.011	HDPE
ZONE 235-4071	MH-4402	MH-2927	561.95	562.48	561	561.33	32.6	150	0.99	100	1.52	0.6934	0.9	0.8	1	50.8	0.011	HDPE
ZONE 235-2135	MH-4722	MH-4723	606.43	606.4	605.24	605.29	43.5	150	0.17	1,000.00	0.4807	0.0281	1	1.04	0.96	13.4	0.011	HDPE
ZONE 235-4162	MH-5402	MH-5403	571.06	571.22	570.11	569.93	39.1	150	0.6	227.044	1.0088	0.3263	1	0.8	1.13	41.4	0.011	HDPE
ZONE 235-2233	MH-4108	MH-4726	606.83	606.94	605.88	605.99	30.1	150	0.23	283	0.9036	0.0156	0.8	0.8	0.8	11.1	0.011	HDPE
ZONE 235-2185	MH-4750	MH-3846	609.75	609.62	607.78	607.73	30.3	217	0.6	597.231	1.8316	1.0279	1.7	1.76	1.67	53	0.01	HDPE
ZONE 235-4838	MH-5658	MH-5659	607.14	606.98	606.06	605.97	43.2	217	0.69	483.945	2.0347	1.2911	0.8	0.87	0.8	61.2	0.01	HDPE
ZONE 235-6275	MH-2010	MH-2011	576.13	576.09	575.18	575.14	10.7	150	0.32	287.002	0.8972	0.0477	0.8	0.8	0.8	19	0.011	HDPE
ZONE 235-2058	MH-3353	MH-4532	608.06	608.39	607.11	607.44	32.9	150	0.32	100.961	1.5128	0.0143	0.8	0.8	0.8	7.2	0.011	HDPE
ZONE 235-2274	MH-3027	MH-2765	606.79	606.79	605.76	605.75	17.2	150	0.16	1,000.00	0.4807	0.0195	0.9	0.87	0.9	11.2	0.011	HDPE
ZONE 235-2317	MH-3215	MH-4765	572.6	572.76	571.65	571.81	30.5	150	0.25	202.18	1.069	0.0144	0.8	0.8	0.8	8.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2152	MH-2968	MH-5448	606.54	606.54	603.48	603.52	42.2	450	0.75	1,000.00	8.9986	8.0242	2.6	2.61	2.57	70.4	0.011	HDPE
ZONE 235-2138	MH-4770	MH-4553	606.31	606.56	605.36	605.61	30.5	150	0.33	124.69	1.3612	0.0195	0.8	0.8	0.8	11.7	0.011	HDPE
ZONE 235-4021	MH-3040	MH-1912	559.9	559.88	558.95	558.91	17.1	150	0.34	385.839	0.7738	0.09	0.8	0.8	0.82	25.7	0.011	HDPE
ZONE 235-6234	MH-4773	MH-4774	575.92	575.72	574.97	574.77	30.5	150	0.83	146.275	1.2568	0.6118	0.8	0.8	0.8	56.4	0.011	HDPE
ZONE 235-6202	MH-3044	MH-3045	573.94	573.88	572.99	572.93	17.1	150	0.16	285.946	0.8989	0.0053	0.8	0.8	0.8	6.5	0.011	HDPE
ZONE 235-4094	MH-2621	MH-2622	561.34	561.52	560.39	560.54	14.5	150	0.18	100	1.52	0.002	0.8	0.8	0.84	6.5	0.011	HDPE
ZONE 235-6293	MH-4437	MH-1808	574.99	574.85	574.04	573.73	36.1	150	0.6	117.487	1.4023	0.1426	0.9	0.8	0.97	26.4	0.011	HDPE
CO-402	MH-6745	MH-6761	555.86	555.25	554.16	553.55	183	900	1.96	303.342	103.7417	56.0299	0.8	0.8	0.8	52	0.011	HDPE
CO-403	MH-6761	MH-6762	555.25	554.64	553.55	552.94	186.6	900	1.96	303.342	103.7417	56.0299	0.8	0.8	0.8	52	0.011	HDPE
ZONE 235-6283	MH-2639	MH-2640	575.36	575.26	574.41	574.31	14.6	150	0.95	157.908	1.3306	0.9029	0.8	0.8	0.8	66.7	0.01	HDPE
ZONE 235-2101	MH-2643	MH-2644	606.41	606.39	604.98	605.11	14.6	150	0.6	113.822	1.4247	0.1374	1.2	1.28	1.14	23.8	0.011	HDPE
ZONE 235-2248	MH-3089	MH-814	606.68	606.7	605.03	605.39	42.3	150	0.6	119.017	1.3933	0.1449	1.3	1.5	1.16	24.5	0.011	HDPE
ZONE 235-2192	MH-4317	MH-3917	609.45	609.47	607.77	607.95	36.5	150	0.6	198.111	1.0799	0.2723	1.4	1.53	1.36	34.1	0.011	HDPE
ZONE 235-6251	MH-5241	MH-5259	577	576.84	576.05	575.89	36.5	150	0.29	228.726	1.0051	0.0283	0.8	0.8	0.8	12	0.011	HDPE
CO-444	MH-6780	MH-5770	573.83	573.15	572.53	571.85	132.7	500	1.83	196.5	26.8851	24.261	0.8	0.8	0.8	72.8	0.011	HDPE
CO-445	MH-6256	MH-6780	573.93	573.83	572.98	572.88	40.8	150	0.25	388.266	0.7714	0.0311	0.8	0.8	0.8	12.3	0.011	HDPE
ZONE 235-4107	MH-2683	MH-2684	566.88	566.55	565.3	565.28	14.9	271	0.6	882.989	2.7244	1.8779	1.2	1.31	1	48.7	0.01	HDPE
ZONE 235-2253	MH-2685	MH-2686	606.93	606.68	603.88	603.85	24.9	450	0.75	1,000.00	8.9986	7.7966	2.5	2.6	2.38	53.5	0.011	HDPE
ZONE 235-2275	MH-914	MH-4469	606.26	606.67	604.78	604.75	30.4	400	0.66	1,000.00	6.573	4.4047	1.3	1.08	1.52	59.1	0.011	HDPE
ZONE 235-2107	MH-2698	MH-2699	606.73	606.94	605.78	605.92	15	150	0.59	100	1.52	0.1112	0.8	0.8	0.87	21.3	0.011	HDPE
ZONE 235-2288	MH-4846	MH-4138	606.6	606.69	605.65	605.61	31.1	150	0.15	1,000.00	0.4807	0.0178	0.9	0.8	0.92	13.8	0.011	HDPE
ZONE 235-2103	MH-2710	MH-2711	606.46	606.48	605.28	605.47	20.6	150	0.6	108.24	1.461	0.1297	1	1.03	0.87	23.2	0.011	HDPE
ZONE 235-2115	MH-97	MH-2745	608.64	608.62	607.5	607.52	16.3	150	0.23	1,000.00	0.4807	0.0705	1	0.99	0.95	27.3	0.011	HDPE
ZONE 235-6196	MH-5132	MH-4968	574.5	574.47	573.55	573.52	35	150	0.22	947.677	0.4938	0.0605	0.8	0.8	0.8	24	0.011	HDPE
ZONE 235-2158	MH-2697	MH-2754	607.4	607.44	606.45	606.49	15.4	150	0.17	451.523	0.7153	0.01	0.8	0.8	0.8	7.2	0.011	HDPE
ZONE 235-2119	MH-5147	MH-5308	608.59	608.56	607.57	607.61	37.6	150	0.15	1,000.00	0.4807	0.0172	0.8	0.86	0.8	15.9	0.011	HDPE
ZONE 235-2049	MH-4877	MH-3181	606.34	606.3	605.2	605.23	38.4	150	0.19	1,000.00	0.4807	0.0348	1	1	0.92	14.9	0.011	HDPE
ZONE 235-6818	MH-4176	MH-1613	573.11	573.26	571.75	571.54	31.6	150	0.26	152.398	1.2313	0.0123	1.4	1.21	1.57	20	0.011	HDPE
ZONE 235-6301	MH-2346	MH-2707	574.65	574.57	573.24	573.22	15.5	150	0.4	1,000.00	0.5287	0.4668	1.2	1.26	1.2	67.3	0.01	HDPE
ZONE 235-6295	MH-1809	MH-2338	574.81	574.75	573.67	573.58	15.6	150	0.6	172.72	1.1566	0.231	1	1	1.02	32.4	0.011	HDPE
ZONE 235-6809	MH-5328	MH-5329	572.54	572.34	571.14	570.94	37.9	600	2.08	188.046	44.69	36.3761	0.8	0.8	0.8	74.1	0.011	HDPE
ZONE 235-2223	MH-2790	MH-2791	606.8	606.78	605.85	605.83	15.6	150	0.15	860.426	0.5182	0.015	0.8	0.8	0.8	12.3	0.011	HDPE
ZONE 235-2072	MH-4903	MH-4904	606.37	606.33	605.23	605.27	42.6	150	0.25	1,000.00	0.4807	0.0893	1	1	0.91	23.9	0.011	HDPE
ZONE 235-6298	MH-2086	MH-2806	574.67	574.6	573.46	573.39	15.7	150	0.6	233.68	0.9944	0.3389	1.1	1.06	1.05	42.5	0.011	HDPE
ZONE 235-2207	MH-2810	MH-2811	609.22	609.27	608.27	608.32	15.8	150	0.16	315.145	0.8562	0.0056	0.8	0.8	0.8	7.4	0.011	HDPE
ZONE 235-2271	MH-2831	MH-2832	606.78	606.79	605.82	605.8	15.8	150	0.14	1,000.00	0.4807	0.0121	0.8	0.82	0.84	11.4	0.011	HDPE
ZONE 235-6187	MH-4329	MH-1613	573.38	573.26	571.72	571.54	32.1	150	0.6	175.975	1.1458	0.2364	1.5	1.51	1.57	32.2	0.011	HDPE
ZONE 235-2278	MH-4470	MH-3685	607.05	607.2	604.72	604.68	38.6	400	0.66	1,000.00	6.573	4.4178	2	1.93	2.11	59.2	0.011	HDPE
ZONE 235-4079	MH-726	MH-5204	562.35	563.04	561.4	561.75	35.8	150	0.38	100	1.52	0.0269	1	0.8	1.14	12.3	0.011	HDPE
ZONE 235-6257	MH-4940	MH-4941	576.23	576.1	575.28	575.15	32.2	150	0.24	251.114	0.9592	0.016	0.8	0.8	0.8	27.1	0.011	HDPE
ZONE 235-3738	MH-6132	MH-6170	606.99	606.95	605.64	605.49	66.9	175	0.6	450.504	1.1883	0.6738	1.2	1.18	1.28	54	0.01	HDPE
ZONE 235-2287	MH-4920	MH-4942	607.02	606.83	606.07	605.88	32.2	150	0.2	165.576	1.1813	0.0054	0.8	0.8	0.8	5.8	0.011	HDPE
ZONE 235-3720	MH-542	MH-5949	606.8	607.5	605.85	606.44	58.7	150	0.35	100	1.52	0.0182	0.9	0.8	0.91	8	0.011	HDPE
ZONE 235-4099	MH-3896	MH-129	561.94	561.9	560.99	560.87	32.3	150	0.6	258.502	0.9454	0.3902	0.8	0.8	0.89	45.1	0.011	HDPE
ZONE 235-2202	MH-2866	MH-2867	609.14	609.17	608.19	608.2	16	150	0.15	1,000.00	0.4807	0.0179	0.8	0.8	0.82	12.8	0.011	HDPE
CO-366	MH-6743	MH-6672	553.7	553.45	552	551.75	78.6	900	1.96	303.257	103.7563	56.0299	0.8	0.8	0.8	55	0.011	HDPE
ZONE 235-2292	MH-4955	MH-1970	606.33	606.44	605.08	605.14	32.3	217	0.6	507.539	1.9868	0.8075	1.1	1.04	1.08	44	0.01	HDPE
CO-386	MH-6559	MH-6753	560.46	560.36	557.11	557.05	57.6	900	1.2	1,000.00	57.1373	50.7913	2.4	2.45	2.41	76.1	0.011	HDPE
CO-387	MH-6753	MH-6560	560.36	560.26	557.05	556.99	58	900	1.2	1,000.00	57.1373	51.1081	2.4	2.41	2.36	77.1	0.011	HDPE
ZONE 235-6197	MH-4968	MH-4969	574.47	574.55	573.52	573.48	32.5	150	0.22	1,000.00	0.4807	0.0653	0.9	0.8	0.91	23.5	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-3714	MH-4970	MH-769	606.5	606.7	604.89	604.92	32.5	400	0.64	1,000.00	7.2303	2.825	1.3	1.21	1.38	44.6	0.01	HDPE
CO-392	MH-6755	MH-6756	559.68	559.02	556.82	556.62	200.2	900	1.21	1,000.00	57.1373	56.0299	1.7	1.96	1.5	75.8	0.011	HDPE
CO-393	MH-6756	MH-6728	559.02	558.2	556.62	556.37	248.4	900	1.21	1,000.00	57.1373	56.0299	1.2	1.5	0.93	65.8	0.011	HDPE
CO-394	MH-6728	MH-6757	558.2	557.72	556.37	556.02	147.2	900	1.73	416.264	88.5595	56.0299	0.9	0.93	0.8	54.7	0.011	HDPE
CO-396	MH-6757	MH-6758	557.72	557.11	556.02	555.41	183.7	900	1.96	303.506	103.7137	56.0299	0.8	0.8	0.8	52	0.011	HDPE
CO-398	MH-6758	MH-6759	557.11	556.59	555.41	554.89	158.3	900	1.96	303.506	103.7137	56.0299	0.8	0.8	0.8	52	0.011	HDPE
CO-400	MH-6759	MH-6760	556.59	555.87	554.89	554.17	219.7	900	1.95	304.751	103.5016	56.0299	0.8	0.8	0.8	52.1	0.011	HDPE
ZONE 235-6209	MH-4977	MH-4978	574.6	574.45	573.4	573.25	43.7	400	1.02	293.876	12.1251	4.0305	0.8	0.8	0.8	38.7	0.011	HDPE
ZONE 235-6325	MH-3286	MH-3287	575.86	575.79	574.91	574.84	18.4	150	0.32	241.248	0.9786	0.0417	0.8	0.8	0.8	16.7	0.011	HDPE
CO-404	MH-6762	MH-6763	554.64	554.14	552.94	552.44	150.5	900	1.96	303.257	103.7563	56.0299	0.8	0.8	0.8	52	0.011	HDPE
CO-405	MH-6763	MH-6743	554.14	553.7	552.44	552	132.4	900	1.96	303.257	103.7563	56.0299	0.8	0.8	0.8	52	0.011	HDPE
CO-409	MH-6765	MH-6766	607.1	606.59	602.05	601.92	135.8	500	0.8	1,000.00	11.9177	9.6451	4.4	4.55	4.17	67.1	0.011	HDPE
CO-410	MH-6766	MH-6767	606.59	605.4	601.92	601.65	264.6	500	0.8	1,000.00	11.9177	9.6451	3.7	4.17	3.25	67.1	0.011	HDPE
CO-411	MH-6767	MH-6768	605.4	603.5	601.65	601.37	285.5	500	0.8	1,000.00	11.9177	9.6451	2.4	3.25	1.63	67.9	0.011	HDPE
CO-412	MH-6768	MH-6636	603.5	602.67	601.37	601.04	316.3	500	0.81	984.074	12.0138	10.0244	1.4	1.63	1.13	58.1	0.011	HDPE
ZONE 235-2252	MH-4988	MH-499	606.76	606.79	605.48	605.51	31	150	0.22	1,000.00	0.4807	0.0567	1.1	1.13	1.13	23.5	0.011	HDPE
ZONE 235-2295	MH-810	MH-1861	606.82	606.88	605.3	605.32	9.8	175	0.6	471.579	1.1614	0.7254	1.4	1.35	1.39	57.4	0.01	HDPE
ZONE 235-4023	MH-3306	MH-433	559.91	559.88	558.96	558.93	17.4	150	0.32	474.415	0.6979	0.0885	0.8	0.8	0.8	25.6	0.011	HDPE
ZONE 235-6279	MH-3233	MH-4346	575.89	575.76	574.86	574.73	32.8	150	0.6	240.917	0.9793	0.3537	0.9	0.88	0.88	52.3	0.011	HDPE
ZONE 235-6245	MH-5660	MH-5661	576.25	576.46	575.22	575.06	43.2	150	0.6	265.767	0.9324	0.406	1.1	0.88	1.25	54.5	0.011	HDPE
ZONE 235-4072	MH-2927	MH-2928	562.48	562.61	561.53	561.66	16.4	150	0.63	123.814	1.366	0.1784	0.8	0.8	0.8	25.6	0.011	HDPE
ZONE 235-6210	MH-4978	MH-2227	574.45	574.29	573.25	573.09	32.8	400	1.15	212.504	14.2588	4.0369	0.8	0.8	0.8	38.3	0.011	HDPE
CO-440	MH-1177	MH-4282	573.92	573.83	572.72	572.55	18.1	150	0.6	105.735	1.4782	0.1267	1.1	1.05	1.13	24.9	0.011	HDPE
CO-441	MH-5178	MH-6779	572.92	572.65	571.18	571.1	74.4	150	0.4	1,000.00	0.5287	0.5111	1.5	1.59	1.4	61.4	0.01	HDPE
CO-442	MH-6779	MH-6382	572.65	572.31	571.08	570.98	37.4	175	0.6	394.681	1.2695	0.5522	1.3	1.4	1.15	43.9	0.01	HDPE
CO-443	MH-5610	MH-6780	574.46	573.83	573.16	572.53	124.1	500	1.83	196.5	26.8851	24.1601	0.8	0.8	0.8	72.8	0.011	HDPE
CO-446	MH-6204	MH-3630	575.55	575.36	574.49	574.21	46.2	150	0.6	167.991	1.1728	0.2202	1	0.92	0.99	30.8	0.011	HDPE
CO-447	MH-2039	MH-5234	575.15	574.75	573.65	573.55	84.8	400	0.7	800.084	7.3485	3.9955	0.9	1.1	0.8	45	0.011	HDPE
CO-448	MH-2043	MH-6781	573.85	573.7	572.52	572.4	81	500	0.97	670.896	14.5501	11.3394	0.8	0.83	0.8	65.4	0.011	HDPE
CO-450	MH-4146	MH-4977	574.69	574.6	573.74	573.65	18.4	150	0.2	188.684	1.1066	0.0065	0.8	0.8	0.8	5.3	0.011	HDPE
CO-451	MH-6584	MH-6666	565.5	565.11	564.34	564.04	68.4	271	1	229.588	5.3429	1.9284	0.8	0.89	0.8	42.1	0.01	HDPE
CO-452	MH-1316	MH-6782	560.2	559.9	558.6	557.74	181.5	800	2.16	212.163	90.6105	48.2814	1.1	0.8	1.36	62	0.011	HDPE
CO-453	MH-6782	MH-6077	559.9	559.79	557.64	557.57	71.2	900	1.19	1,000.00	57.1373	48.9968	1.3	1.36	1.32	71.4	0.011	HDPE
CO-454	MH-3143	MH-6782	559.85	559.9	558.71	558.39	73.1	150	0.6	226.914	1.0091	0.3262	1.2	0.99	1.36	37.8	0.011	HDPE
ZONE 235-2220	MH-4580	MH-5011	608.98	609.14	607.96	608.19	33	150	0.36	142.483	1.2734	0.0325	0.8	0.86	0.8	13.4	0.011	HDPE
ZONE 235-2151	MH-2967	MH-2968	606.48	606.54	603.47	603.48	9.8	450	0.75	1,000.00	8.9986	8.0262	2.6	2.56	2.61	69.9	0.011	HDPE
ZONE 235-2147	MH-2976	MH-2977	606.52	606.5	603.38	603.4	16.7	450	0.76	1,000.00	8.9986	8.04	2.7	2.69	2.65	66.2	0.011	HDPE
ZONE 235-6208	MH-5234	MH-4977	574.75	574.6	573.55	573.4	25.1	400	1.26	164.456	16.2085	4.0199	0.8	0.8	0.8	38.7	0.011	HDPE
ZONE 235-6250	MH-5240	MH-5241	577.17	577	576.22	576.05	36.3	150	0.29	215.94	1.0344	0.0242	0.8	0.8	0.8	10.9	0.011	HDPE
ZONE 235-6822	MH-5247	MH-4319	573.1	572.98	572.15	572.03	36.4	150	0.12	318.13	0.8522	0.0025	0.8	0.8	0.8	3.5	0.011	HDPE
ZONE 235-4034	MH-5248	MH-5249	569.69	569.82	568.71	568.87	36.4	150	0.6	228.493	1.0056	0.329	0.8	0.82	0.8	43.4	0.011	HDPE
ZONE 235-6254	MH-5198	MH-5038	576.5	576.7	575.54	575.75	44.1	150	0.6	215.396	1.0357	0.3041	0.8	0.8	0.8	40.4	0.011	HDPE
ZONE 235-2102	MH-2644	MH-2710	606.39	606.46	605.11	605.28	19	150	0.6	111.722	1.4381	0.1344	1.1	1.14	1.03	23.5	0.011	HDPE
ZONE 235-6336	MH-5255	MH-3597	574.79	574.63	573.84	573.68	36.5	150	0.16	236.209	0.989	0.0038	0.8	0.8	0.8	6.2	0.011	HDPE
ZONE 235-2234	MH-3019	MH-3020	606.78	606.76	605.66	605.64	16.9	150	0.23	1,000.00	0.4807	0.0678	1	0.97	0.96	25.4	0.011	HDPE
ZONE 235-2137	MH-4981	MH-4770	606.36	606.31	605.32	605.36	40.5	150	0.16	1,000.00	0.4807	0.0225	0.8	0.89	0.8	15.1	0.011	HDPE
ZONE 235-2080	MH-5730	MH-5460	606.32	606.4	605.37	605.45	44.4	150	0.29	520.415	0.6663	0.0715	0.8	0.8	0.8	24.2	0.011	HDPE
ZONE 235-2104	MH-2711	MH-2340	606.48	606.53	605.47	605.58	11.3	150	0.6	100.534	1.516	0.1179	0.8	0.87	0.8	22.5	0.011	HDPE
ZONE 235-2236	MH-3119	MH-2661	606.73	606.71	605.62	605.61	13.9	150	0.23	1,000.00	0.4807	0.0733	1	0.96	0.95	25.9	0.011	HDPE
ZONE 235-4077	MH-725	MH-726	562.35	562.35	561.4	561.4	0.3	150	0.19	1,000.00	0.4807	0.0367	0.8	0.8	0.8	13.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6792	MH-6607	MH-6608	599.46	598.45	598.16	597.15	143.8	500	1.74	141.729	31.6566	11.312	0.8	0.8	0.8	49.9	0.011	HDPE
ZONE 235-2301	MH-4139	MH-5457	606.85	606.84	605.59	605.55	40.5	150	0.18	1,000.00	0.4807	0.0332	1.1	1.11	1.14	18.4	0.011	HDPE
ZONE 235-4010	MH-257	MH-5527	560.98	559.95	559.19	558.98	37.8	175	0.86	179.913	1.8803	0.7137	1.2	1.62	0.8	43.9	0.01	HDPE
ZONE 235-2188	MH-3520	MH-4536	609.43	609.43	607.33	607.5	34.3	150	0.6	207.04	1.0564	0.2919	1.9	1.95	1.79	43.1	0.011	HDPE
ZONE 235-6220	MH-4496	MH-5088	574.62	574.53	572.84	572.88	34.4	400	0.61	1,000.00	6.573	3.2633	1.3	1.38	1.25	70.8	0.011	HDPE
ZONE 235-4106	MH-4442	MH-2683	567.15	566.88	565.34	565.3	37.3	271	0.6	878.361	2.7316	1.8608	1.4	1.54	1.31	56.5	0.01	HDPE
ZONE 235-2155	MH-3066	MH-2093	606.62	606.91	605.67	605.86	19	150	0.32	100	1.52	0.0146	0.8	0.8	0.9	8.4	0.011	HDPE
ZONE 235-6350	MH-3073	MH-3074	576.45	576.52	574.78	574.8	18.6	400	0.62	1,000.00	6.573	3.302	1.3	1.27	1.32	50.1	0.011	HDPE
ZONE 235-6335	MH-926	MH-159	575.24	575.02	574.15	573.96	41.2	150	0.6	213.631	1.04	0.3005	0.9	0.94	0.92	35.9	0.011	HDPE
ZONE 235-4164	MH-5313	MH-5314	571.37	571.2	569.77	569.64	37.7	150	0.6	281.466	0.906	0.4417	1.4	1.45	1.41	60.2	0.011	HDPE
ZONE 235-6312	MH-2254	MH-967	575.41	575.31	574.34	574.26	17.3	150	0.6	214.882	1.0369	0.3031	0.9	0.92	0.9	39	0.011	HDPE
ZONE 235-6198	MH-4969	MH-5323	574.55	574.33	573.48	573.38	37.9	150	0.34	379.981	0.7798	0.0868	0.9	0.91	0.8	21.7	0.011	HDPE
ZONE 235-2249	MH-815	MH-5325	606.7	606.72	605.41	605.44	31.3	150	0.23	1,000.00	0.4807	0.0695	1.1	1.13	1.13	25.5	0.011	HDPE
ZONE 235-2254	MH-3109	MH-2367	606.67	606.67	605.72	605.69	26.2	150	0.08	1,000.00	0.4807	0.0022	0.8	0.8	0.83	5.7	0.011	HDPE
ZONE 235-6267	MH-3118	MH-2038	575.25	575.19	574.06	573.97	17.5	150	0.6	177.181	1.1419	0.2385	1.1	1.04	1.07	31.5	0.011	HDPE
ZONE 235-2224	MH-2791	MH-3183	606.78	606.76	605.83	605.81	24.7	150	0.17	840.959	0.5242	0.0192	0.8	0.8	0.8	13.6	0.011	HDPE
ZONE 235-6823	MH-5353	MH-1730	573.3	573.47	572.35	572.31	38.4	150	0.09	1,000.00	0.4807	0.0034	0.9	0.8	1	4.8	0.011	HDPE
ZONE 235-4016	MH-3143	MH-433	559.85	559.88	558.9	558.93	18.8	150	0.3	637.075	0.6022	0.1015	0.8	0.8	0.8	23.9	0.011	HDPE
ZONE 235-6188	MH-1614	MH-5151	573.22	573.1	571.5	571.32	35.1	150	0.6	200.221	1.0742	0.2758	1.6	1.58	1.62	38	0.011	HDPE
ZONE 235-2194	MH-3918	MH-4017	609.47	609.48	608.08	608.2	23.8	150	0.6	186.443	1.1132	0.2515	1.2	1.25	1.13	32.7	0.011	HDPE
ZONE 235-2231	MH-3019	MH-4020	606.78	606.8	605.66	605.85	23.5	150	0.35	120.017	1.3875	0.0231	0.9	0.97	0.8	17.3	0.011	HDPE
ZONE 235-4112	MH-5376	MH-5377	567.59	567.05	566.48	566.1	38.8	150	0.57	100	1.52	0.0991	0.9	0.95	0.8	27.3	0.011	HDPE
ZONE 235-2050	MH-3181	MH-3182	606.3	606.28	605.23	605.25	17.8	150	0.18	1,000.00	0.4807	0.0324	0.9	0.92	0.88	17.7	0.011	HDPE
ZONE 235-2225	MH-3183	MH-3184	606.76	606.74	605.81	605.79	17.9	150	0.17	884.795	0.511	0.023	0.8	0.8	0.8	14.5	0.011	HDPE
ZONE 235-2051	MH-3182	MH-3196	606.28	606.26	605.25	605.27	18	150	0.18	1,000.00	0.4807	0.0306	0.9	0.88	0.84	17.2	0.011	HDPE
ZONE 235-6263	MH-3955	MH-4941	575.9	576.1	574.95	575.15	39	150	0.7	193.936	1.0915	0.4718	0.8	0.8	0.8	53.8	0.011	HDPE
ZONE 235-2149	MH-3199	MH-3200	606.49	606.46	603.42	603.44	18	450	0.75	1,000.00	8.9986	8.0307	2.6	2.61	2.57	68.7	0.011	HDPE
ZONE 235-2161	MH-3794	MH-4049	607.6	607.69	606.65	606.74	24	150	0.13	272.642	0.9206	0.0023	0.8	0.8	0.8	4.6	0.011	HDPE
ZONE 235-4039	MH-5404	MH-4347	566.45	567.66	565.5	565.16	39.1	150	0.6	112.72	1.4317	0.1358	1.3	0.8	1.75	24.7	0.011	HDPE
ZONE 235-4028	MH-414	MH-1021	567.67	568.01	565.7	565.73	21.6	217	0.6	687.344	1.7073	1.313	1.9	1.75	2.06	56.3	0.01	HDPE
ZONE 235-4095	MH-2394	MH-4068	563.25	562.74	562.03	561.79	24.1	150	0.81	100	1.52	0.3351	0.9	1.07	0.8	34.6	0.011	HDPE
ZONE 235-2206	MH-3103	MH-2810	609.25	609.22	608.26	608.27	18.1	150	0.12	1,000.00	0.4807	0.0084	0.8	0.85	0.8	9.6	0.011	HDPE
ZONE 235-6269	MH-2039	MH-1353	575.15	575.4	573.65	573.99	47.8	400	1.3	141.141	17.496	3.7538	1.1	1.1	1.01	44.3	0.011	HDPE
ZONE 235-6278	MH-2894	MH-3233	575.96	575.89	574.96	574.86	18.1	150	0.6	187	1.1116	0.2526	0.9	0.85	0.88	36.7	0.011	HDPE
ZONE 235-2227	MH-3240	MH-3241	606.71	606.72	605.76	605.74	18.1	150	0.18	1,000.00	0.4807	0.0303	0.8	0.8	0.83	17.3	0.011	HDPE
ZONE 235-6811	MH-5329	MH-5683	572.34	572.18	570.94	570.78	43.6	600	1.8	263.027	37.787	36.4188	0.8	0.8	0.8	74.1	0.011	HDPE
ZONE 235-2273	MH-3253	MH-3027	606.79	606.79	605.78	605.76	18.2	150	0.15	1,000.00	0.4807	0.0179	0.9	0.86	0.87	13.3	0.011	HDPE
ZONE 235-2100	MH-3260	MH-2643	606.43	606.41	604.82	604.98	18.2	150	0.6	116.131	1.4105	0.1408	1.4	1.46	1.28	24.2	0.011	HDPE
ZONE 235-2167	MH-2685	MH-5452	606.93	607.2	605.98	606.25	34.9	150	0.21	128.938	1.3386	0.005	0.8	0.8	0.8	4.4	0.011	HDPE
ZONE 235-6190	MH-5453	MH-4281	574.14	573.95	573.19	573	39.9	150	0.25	208.342	1.0531	0.0151	0.8	0.8	0.8	10	0.011	HDPE
ZONE 235-2232	MH-4020	MH-4108	606.8	606.83	605.85	605.88	24.4	150	0.17	841.068	0.5241	0.0201	0.8	0.8	0.8	11.4	0.011	HDPE
ZONE 235-2095	MH-4506	MH-298	608.12	608.66	607.17	607.47	43.9	150	0.49	143.114	1.2706	0.0951	0.9	0.8	1.03	19	0.011	HDPE
ZONE 235-2303	MH-5457	MH-499	606.84	606.79	605.55	605.51	34.8	150	0.19	1,000.00	0.4807	0.0397	1.1	1.14	1.13	21	0.011	HDPE
ZONE 235-2081	MH-5460	MH-5060	606.4	607.15	605.45	605.85	40.1	150	0.51	100	1.52	0.0676	1	0.8	1.15	19.2	0.011	HDPE
ZONE 235-6820	MH-5706	MH-4319	572.77	572.98	571.82	571.77	44	150	0	1,000.00	0.4807	0	0.9	0.8	1.06	3.5	0.011	HDPE
ZONE 235-6181	MH-5476	MH-5178	572.74	572.92	571.41	571.18	40.3	150	0.48	174.514	1.1506	0.1071	1.4	1.18	1.59	48.4	0.011	HDPE
ZONE 235-4025	MH-413	MH-414	567.67	567.67	565.7	565.7	0.1	217	0.6	(N/A)	0	1.3283	1.8	1.75	1.75	49	0.01	HDPE
ZONE 235-6218	MH-2483	MH-5922	574.16	574.35	572.72	572.77	49.4	400	0.7	1,000.00	6.573	6.2904	1.1	1.03	1.18	70.6	0.011	HDPE
ZONE 235-2197	MH-4143	MH-5495	609.49	609.5	608.51	608.55	40.5	150	0.16	1,000.00	0.4807	0.0191	0.8	0.83	0.8	21.9	0.011	HDPE
ZONE 235-6237	MH-5417	MH-4119	574.6	574.42	573.58	573.41	40.5	217	1.02	227.381	2.9683	2.0165	0.8	0.8	0.8	59.6	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6332	MH-1270	MH-3324	575.44	575.37	574.47	574.33	18.6	150	0.6	136.076	1.303	0.1693	0.9	0.82	0.89	28.5	0.011	HDPE
ZONE 235-4020	MH-5740	MH-3040	559.95	559.9	559	558.95	44.5	150	0.24	846.807	0.5223	0.0659	0.8	0.8	0.8	23.2	0.011	HDPE
ZONE 235-6825	MH-4813	MH-5683	571.97	572.18	570.26	570.18	44.5	217	0.6	533.409	1.938	0.8677	1.6	1.5	1.79	42.2	0.01	HDPE
ZONE 235-3736	MH-6217	MH-769	606.2	606.7	605.25	605.17	79	150	0.22	1,000.00	0.4807	0.0615	1.1	0.8	1.38	19.8	0.011	HDPE
ZONE 235-4166	MH-5513	MH-5514	570.95	571.01	569.57	569.47	40.7	175	0.6	427.397	1.22	0.6209	1.3	1.21	1.37	46.1	0.01	HDPE
ZONE 235-6317	MH-1860	MH-1428	575.08	575.08	574.02	574.01	9.8	150	0.4	1,000.00	0.5287	0.4966	0.9	0.9	0.92	64.8	0.01	HDPE
ZONE 235-2183	MH-3862	MH-3678	606.51	606.25	605.56	605.3	44.9	150	0.39	175.076	1.1488	0.055	0.8	0.8	0.8	14.8	0.011	HDPE
ZONE 235-2060	MH-3342	MH-3343	608.66	608.85	607.71	607.9	18.8	150	0.27	102.387	1.5022	0.0083	0.8	0.8	0.8	6.2	0.011	HDPE
ZONE 235-6276	MH-2011	MH-2893	576.09	576.02	575.14	575.07	18.9	150	0.41	265.311	0.9332	0.1061	0.8	0.8	0.8	24.9	0.011	HDPE
ZONE 235-2267	MH-5537	MH-5538	607.55	608.14	606.53	606.94	41.1	217	1.26	100	4.476	1.4081	0.9	0.8	0.98	43.5	0.01	HDPE
ZONE 235-6291	MH-1031	MH-1297	575.11	575.09	574.16	574.14	6.2	150	0.29	283.741	0.9024	0.0341	0.8	0.8	0.8	15.5	0.011	HDPE
ZONE 235-2214	MH-654	MH-5303	608.72	609.07	607.11	607.14	24	217	0.6	701.766	1.6896	1.3742	1.6	1.4	1.71	64.7	0.01	HDPE
ZONE 235-4089	MH-3371	MH-2621	561.75	561.34	560.58	560.39	19	150	0.23	100	1.52	0.0049	0.9	1.02	0.8	7.3	0.011	HDPE
ZONE 235-6206	MH-5769	MH-5770	573.31	573.15	572.01	571.85	45.2	500	1.37	282.851	22.4086	11.9323	0.8	0.8	0.8	58.1	0.011	HDPE
ZONE 235-4083	MH-4009	MH-213	561.65	560.84	560.13	559.77	35.9	271	1.49	100	8.0956	2.731	1	1.25	0.8	45.7	0.01	HDPE
ZONE 235-2211	MH-3380	MH-2550	608.85	608.78	607.9	607.83	19	150	0.24	245.924	0.9693	0.0162	0.8	0.8	0.8	9.2	0.011	HDPE
ZONE 235-2280	MH-3686	MH-5115	607.05	606.78	604.66	604.62	41.5	400	0.66	1,000.00	6.573	4.4261	1.9	1.98	1.76	59.4	0.011	HDPE
ZONE 235-6226	MH-5137	MH-5575	578.5	578.23	577.55	577.28	41.8	150	0.77	157.712	1.2104	0.5023	0.8	0.8	0.8	49.3	0.011	HDPE
ZONE 235-6247	MH-3581	MH-3582	576.83	576.76	575.29	575.31	20.7	271	0.6	987.62	2.5761	2.4246	1.2	1.27	1.18	57.1	0.01	HDPE
ZONE 235-2285	MH-4767	MH-830	606.86	606.92	605.91	605.71	42	150	0.21	207.456	1.0553	0.0092	0.9	0.8	1.06	30.8	0.011	HDPE
ZONE 235-2193	MH-3917	MH-3918	609.47	609.47	607.95	608.08	23.1	150	0.6	191.647	1.098	0.2624	1.3	1.36	1.25	33.4	0.011	HDPE
ZONE 235-2282	MH-5091	MH-4766	606.92	606.9	604.59	604.56	34.9	400	0.66	1,000.00	6.573	4.4556	1.9	1.92	1.94	59.6	0.011	HDPE
ZONE 235-2154	MH-3932	MH-3066	606.53	606.62	605.58	605.67	22	150	0.25	242.289	0.9765	0.0175	0.8	0.8	0.8	8.8	0.011	HDPE
ZONE 235-2061	MH-5602	MH-5603	606.31	606.26	605.2	605.25	51	150	0.2	1,000.00	0.4807	0.0428	0.9	0.96	0.86	16.5	0.011	HDPE
ZONE 235-6339	MH-3937	MH-1179	574.45	574.35	573.5	573.4	23.2	150	0.31	244.386	0.9723	0.0371	0.8	0.8	0.8	15.8	0.011	HDPE
ZONE 235-6806	MH-5609	MH-5610	574.72	574.46	573.42	573.16	42.3	500	1.97	163.713	29.4545	24.1225	0.8	0.8	0.8	72.6	0.011	HDPE
ZONE 235-4013	MH-5611	MH-1911	559.92	559.87	558.97	558.92	42.3	150	0.25	852.757	0.5205	0.0783	0.8	0.8	0.8	28	0.011	HDPE
ZONE 235-4086	MH-1751	MH-2401	560.69	560.31	559.34	559.11	23.3	400	1.45	100	22.8644	2.8051	0.9	0.95	0.8	31.7	0.01	HDPE
ZONE 235-6262	MH-3954	MH-3955	575.98	575.9	575.03	574.95	23.4	150	0.27	295.562	0.8841	0.0289	0.8	0.8	0.8	37.8	0.011	HDPE
ZONE 235-2203	MH-2867	MH-3062	609.17	609.26	608.2	608.22	21.1	150	0.14	1,000.00	0.4807	0.0145	0.9	0.82	0.89	12.4	0.011	HDPE
ZONE 235-6175	MH-3959	MH-3960	573.73	573.76	572.78	572.76	23.4	150	0	1,000.00	0.4807	0	0.8	0.8	0.86	2.3	0.011	HDPE
ZONE 235-6221	MH-5088	MH-4120	574.53	574.27	572.88	572.92	42.8	400	0.61	1,000.00	6.573	3.1827	1.1	1.25	0.95	64.3	0.011	HDPE
ZONE 235-2262	MH-3975	MH-3976	606.75	606.74	605.53	605.49	39.2	150	0.19	1,000.00	0.4807	0.0366	1.1	1.07	1.1	18.8	0.011	HDPE
ZONE 235-6216	MH-2482	MH-2483	574.1	574.16	572.71	572.72	13.6	400	0.7	1,000.00	6.573	6.3659	1	0.99	1.03	67.9	0.011	HDPE
ZONE 235-6225	MH-4269	MH-5137	578.7	578.5	577.75	577.55	35	150	0.62	175.624	1.147	0.2693	0.8	0.8	0.8	39.9	0.011	HDPE
ZONE 235-6255	MH-5654	MH-5655	576.6	576.42	575.65	575.47	43	150	0.19	236.365	0.9887	0.0067	0.8	0.8	0.8	6.7	0.011	HDPE
ZONE 235-4082	MH-130	MH-4009	561.9	561.65	560.87	560.7	23.7	150	0.78	142.022	1.2755	0.4534	0.8	0.89	0.8	42.3	0.011	HDPE
ZONE 235-6338	MH-3598	MH-3937	574.55	574.45	573.6	573.5	23.8	150	0.27	240	0.9812	0.0235	0.8	0.8	0.8	11.9	0.011	HDPE
ZONE 235-2200	MH-3687	MH-3688	609.05	609.09	608.1	608.14	21.5	150	0.22	518.648	0.6674	0.0276	0.8	0.8	0.8	12.8	0.011	HDPE
ZONE 235-4080	MH-129	MH-130	561.9	561.9	560.87	560.87	0	150	0.6	(N/A)	0	0.448	0.9	0.89	0.89	45	0.011	HDPE
ZONE 235-2261	MH-4021	MH-3975	606.74	606.75	605.55	605.53	22.3	150	0.18	1,000.00	0.4807	0.0335	1.1	1.05	1.07	18.1	0.011	HDPE
ZONE 235-2259	MH-3807	MH-4031	606.7	606.74	605.6	605.57	24.4	150	0.16	1,000.00	0.4807	0.0225	1	0.95	1.02	15.6	0.011	HDPE
ZONE 235-3744	MH-6059	MH-5947	607.1	607.15	605.62	605.69	55.2	271	0.6	757.106	2.9422	1.4645	1.2	1.21	1.19	50.1	0.01	HDPE
ZONE 235-4051	MH-5694	MH-405	572.33	572.49	571.38	571.08	43.4	150	0.6	147.973	1.2496	0.1897	1	0.8	1.26	29.4	0.011	HDPE
ZONE 235-6319	MH-159	MH-160	575.02	575.02	573.89	573.89	0	217	0.6	(N/A)	0	0.8711	0.9	0.92	0.92	47.6	0.01	HDPE
ZONE 235-6223	MH-4041	MH-4042	578.79	578.78	577.84	577.82	24	150	0.22	1,000.00	0.4807	0.064	0.8	0.8	0.81	24.1	0.011	HDPE
ZONE 235-2062	MH-5603	MH-5901	606.26	606.25	605.25	605.3	48.7	150	0.19	1,000.00	0.4807	0.0383	0.8	0.86	0.8	19.4	0.011	HDPE
ZONE 235-2265	MH-2765	MH-5637	606.79	607.41	604.28	604.23	48.9	400	0.67	1,000.00	6.573	4.5499	2.4	2.11	2.78	69	0.011	HDPE
ZONE 235-6321	MH-160	MH-4063	575.02	574.93	573.89	573.85	24.1	217	0.6	546.914	1.914	0.9003	0.9	0.92	0.87	47.8	0.01	HDPE
ZONE 235-2090	MH-4486	MH-4303	606.33	606.54	605.38	605.59	27.7	150	0.53	135.816	1.3043	0.1071	0.8	0.8	0.8	26.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6261	MH-5712	MH-3954	576.16	575.98	575.21	575.03	44.1	150	0.28	249.606	0.9621	0.0267	0.8	0.8	0.8	12.3	0.011	HDPE
ZONE 235-6314	MH-967	MH-3614	575.31	575.19	574.26	574.11	36	150	0.6	243.121	0.9749	0.3585	0.9	0.9	0.93	44.3	0.011	HDPE
ZONE 235-3723	MH-5716	MH-5717	606.7	606.85	605.75	605.9	44.2	150	0.21	294.64	0.8855	0.0133	0.8	0.8	0.8	12.7	0.011	HDPE
ZONE 235-4116	MH-5718	MH-2393	564.58	563.53	563.02	562.58	44.2	150	0.76	100	1.52	0.2635	1.1	1.4	0.8	30.5	0.011	HDPE
ZONE 235-4085	MH-213	MH-214	560.84	560.84	559.64	559.58	15.1	400	1.06	240.644	14.7391	2.7498	0.8	0.8	0.86	31.5	0.01	HDPE
ZONE 235-6235	MH-4774	MH-5925	575.72	575.38	574.77	574.43	49.5	150	0.9	146.293	1.2567	0.86	0.8	0.8	0.8	63.2	0.011	HDPE
ZONE 235-6260	MH-4584	MH-5712	576.39	576.16	575.44	575.21	57	150	0.26	239.879	0.9814	0.0203	0.8	0.8	0.8	10.6	0.011	HDPE
ZONE 235-6309	MH-4077	MH-2253	575.6	575.47	574.55	574.4	24.2	150	0.6	168.655	1.1704	0.2212	0.9	0.9	0.91	31.8	0.011	HDPE
ZONE 235-2093	MH-4505	MH-4506	607.65	608.12	606.7	606.98	27.8	150	0.57	100	1.52	0.0989	0.9	0.8	0.98	18.5	0.011	HDPE
ZONE 235-6303	MH-2708	MH-1778	574.62	574.72	573.18	573.12	24.3	175	0.6	388.323	1.2799	0.5393	1.3	1.26	1.43	42	0.01	HDPE
ZONE 235-6200	MH-5733	MH-5084	574.24	574.08	573.08	573.13	44.4	150	0.12	1,000.00	0.4807	0.008	0.9	1	0.8	10.8	0.011	HDPE
ZONE 235-3745	MH-5947	MH-5948	607.15	607.2	605.74	605.82	50.3	217	0.6	706.88	1.6835	1.3895	1.2	1.19	1.17	58	0.01	HDPE
ZONE 235-6344	MH-1025	MH-1026	574.23	574.21	573.28	573.26	3	150	0.47	157.534	1.211	0.0861	0.8	0.8	0.8	18.9	0.011	HDPE
ZONE 235-3747	MH-5756	MH-5757	606.8	606.84	604.44	604.48	48.2	400	0.66	1,000.00	6.573	4.4746	2	1.96	1.95	60.3	0.011	HDPE
ZONE 235-2164	MH-5982	MH-4831	608.2	608	606.97	607.05	82.7	150	0.22	1,000.00	0.4807	0.0575	0.9	1.08	0.8	24.2	0.011	HDPE
ZONE 235-6289	MH-1030	MH-1031	575.12	575.11	574.17	574.16	3.1	150	0.29	240.089	0.981	0.028	0.8	0.8	0.8	12.3	0.011	HDPE
ZONE 235-6238	MH-4119	MH-4120	574.42	574.27	573.41	573.25	24.5	217	1.17	160.38	3.5344	2.0479	0.8	0.8	0.8	56.8	0.01	HDPE
ZONE 235-4100	MH-6427	MH-6428	568.58	570.04	567.63	567.54	83.8	150	0.26	1,000.00	0.4807	0.1121	1.6	0.8	2.35	37.3	0.011	HDPE
ZONE 235-2289	MH-4138	MH-4139	606.69	606.85	605.61	605.59	26.5	150	0.16	1,000.00	0.4807	0.0223	1	0.92	1.11	16.1	0.011	HDPE
ZONE 235-6308	MH-2477	MH-4077	575.72	575.6	574.73	574.55	24.6	150	0.6	137.14	1.298	0.1738	0.9	0.85	0.9	28.5	0.011	HDPE
CO-6	MH-6672	OF-1	553.45	553.43	551.75	551.73	7.4	900	1.54	570.725	75.6321	56.9763	0.8	0.8	0.8	55.3	0.011	HDPE
ZONE 235-2196	MH-4142	MH-4143	609.48	609.49	608.36	608.51	24.6	150	0.6	169.027	1.1692	0.2228	0.9	0.97	0.83	30.9	0.011	HDPE
ZONE 235-2078	MH-4144	MH-143	608.69	608.95	607.74	607.99	25.1	150	0.51	100	1.52	0.0667	0.8	0.8	0.81	15.2	0.011	HDPE
ZONE 235-6286	MH-4146	MH-4147	574.69	574.81	573.74	573.86	35	150	0.15	300.205	0.8773	0.0041	0.8	0.8	0.8	5.2	0.011	HDPE
ZONE 235-2191	MH-939	MH-4317	609.44	609.45	607.71	607.77	12.7	150	0.6	202.705	1.0676	0.2801	1.6	1.59	1.53	34.6	0.011	HDPE
ZONE 235-2079	MH-5986	MH-5730	606.38	606.32	605.28	605.37	85.6	150	0.23	1,000.00	0.4807	0.0757	0.9	0.95	0.8	22	0.011	HDPE
ZONE 235-6342	MH-1119	MH-1120	574.32	574.3	573.37	573.35	4.3	150	0.34	270.984	0.9234	0.0589	0.8	0.8	0.8	17.2	0.011	HDPE
ZONE 235-6229	MH-5796	MH-4679	577.41	577.18	576.43	576.2	46	175	0.96	200.072	1.7831	1.3805	0.8	0.8	0.8	70.4	0.01	HDPE
ZONE 235-2245	MH-5799	MH-5800	606.59	606.62	604.31	604.68	45.9	150	0.6	125.68	1.3559	0.1561	2	2.13	1.8	25.5	0.011	HDPE
ZONE 235-2240	MH-5035	MH-3835	606.68	606.64	605.73	605.69	33.4	150	0.14	873.327	0.5144	0.0111	0.8	0.8	0.8	11.4	0.011	HDPE
ZONE 235-2186	MH-3846	MH-3519	609.62	609.52	607.73	607.69	22.6	217	0.6	600.269	1.8269	1.0363	1.6	1.67	1.61	52.9	0.01	HDPE
ZONE 235-6242	MH-5037	MH-5038	576.83	576.7	575.88	575.75	33.5	150	0.35	260.343	0.9421	0.0599	0.8	0.8	0.8	26.8	0.011	HDPE
ZONE 235-4041	MH-4348	MH-413	566.87	567.67	564.95	564.63	52.6	150	0.6	160.633	1.1993	0.2092	2.3	1.77	2.89	28.7	0.011	HDPE
ZONE 235-3749	MH-5999	MH-6000	606.84	606.89	605.89	605.94	41.8	150	0.13	813.504	0.5329	0.008	0.8	0.8	0.8	8.4	0.011	HDPE
ZONE 235-2263	MH-3976	MH-2764	606.74	606.73	605.49	605.47	21.9	150	0.19	1,000.00	0.4807	0.0396	1.1	1.1	1.12	15.8	0.011	HDPE
ZONE 235-6340	MH-1179	MH-1180	574.35	574.35	573.4	573.4	5	150	0.19	1,000.00	0.4807	0.0394	0.8	0.8	0.8	17.5	0.011	HDPE
ZONE 235-2092	MH-4304	MH-4505	607.02	607.65	606.07	606.41	33.6	150	0.58	100	1.52	0.1022	0.9	0.8	1.09	18.9	0.011	HDPE
ZONE 235-4040	MH-4347	MH-4348	567.06	567.87	565.16	564.95	26.5	150	0.6	130.901	1.3285	0.1625	1.8	1.75	1.77	27.6	0.011	HDPE
ZONE 235-2082	MH-5060	MH-5061	607.15	607.78	606.2	606.53	33.8	150	0.5	100	1.52	0.0641	0.9	0.8	1.1	14.9	0.011	HDPE
ZONE 235-4165	MH-5314	MH-5513	571.2	570.95	569.64	569.59	47.4	150	0.4	1,000.00	0.5287	0.4918	1.3	1.41	1.21	58.8	0.01	HDPE
ZONE 235-2097	MH-5847	MH-4640	606.56	606.51	603.98	604.33	47.3	150	0.6	134.346	1.3114	0.1671	2.2	2.43	2.02	25	0.011	HDPE
ZONE 235-3725	MH-6348	MH-6349	607.05	607.05	605.82	605.66	73.8	175	0.6	454.256	1.1834	0.6824	1.1	1.05	1.22	54.5	0.01	HDPE
ZONE 235-2221	MH-5011	MH-5853	609.14	609.36	608.19	608.41	47.5	150	0.28	218.647	1.028	0.0221	0.8	0.8	0.8	10.7	0.011	HDPE
ZONE 235-2208	MH-2811	MH-4656	609.27	609.42	608.32	608.47	30.3	150	0.13	210.2	1.0484	0.0017	0.8	0.8	0.8	4.4	0.011	HDPE
ZONE 235-3711	MH-991	MH-4970	606.22	606.5	604.79	604.89	95	400	0.64	1,000.00	7.2303	2.8353	1.1	1.02	1.21	51	0.01	HDPE
ZONE 235-6214	MH-2043	MH-4638	573.85	573.93	572.57	572.61	34.3	450	0.74	1,000.00	8.9986	6.9991	0.8	0.83	0.87	62.2	0.011	HDPE
ZONE 235-6207	MH-5870	MH-5234	574.92	574.75	573.97	573.8	48	150	0.24	276.653	0.9139	0.0183	0.8	0.8	0.8	9.1	0.011	HDPE
ZONE 235-6330	MH-1193	MH-1269	575.51	575.47	574.56	574.52	10.1	150	0.43	244.143	0.9728	0.1074	0.8	0.8	0.8	22.7	0.011	HDPE
ZONE 235-4037	MH-2424	MH-5095	570.82	571.39	569.87	570.21	34.5	150	0.52	100	1.52	0.0717	0.9	0.8	1.03	15.8	0.011	HDPE
ZONE 235-6783	MH-1315	MH-1316	560.21	560.2	559.01	559	6.3	400	0.99	369.263	11.8985	3.8198	0.8	0.8	0.8	37.8	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2117	MH-2745	MH-3621	608.62	608.62	607.52	607.54	21	150	0.22	1,000.00	0.4807	0.0639	0.9	0.95	0.93	25.3	0.011	HDPE
ZONE 235-4840	MH-4580	MH-6062	608.98	608.35	607.96	607.4	55.7	150	0.49	100	1.52	0.0595	0.8	0.86	0.8	14.4	0.011	HDPE
ZONE 235-2242	MH-3836	MH-3425	606.61	606.58	605.66	605.63	24.5	150	0.2	621.354	0.6098	0.0235	0.8	0.8	0.8	14.4	0.011	HDPE
ZONE 235-6285	MH-5112	MH-4496	574.84	574.62	573.89	573.67	34.7	150	1.01	160.864	1.3183	1.2814	0.8	0.8	0.8	76.5	0.01	HDPE
ZONE 235-2178	MH-4428	MH-565	606.7	606.44	605.75	605.49	36	150	0.62	139.771	1.2857	0.1961	0.8	0.8	0.8	27.3	0.011	HDPE
ZONE 235-6270	MH-1353	MH-1354	575.4	575.37	574.24	574.29	6.6	150	0.6	155.156	1.2203	0.2024	1	1.01	0.94	28.1	0.011	HDPE
ZONE 235-2281	MH-5115	MH-5091	606.78	606.92	604.62	604.59	29.4	400	0.66	1,000.00	6.573	4.4377	1.8	1.76	1.92	59.5	0.011	HDPE
ZONE 235-6194	MH-4845	MH-1177	574.17	573.92	573.22	572.72	64.3	150	0.22	130.556	1.3303	0.0056	0.9	0.8	1.05	13.7	0.011	HDPE
ZONE 235-4005	MH-5895	MH-5896	560.81	560	559.54	559.05	48.6	150	0.67	100	1.52	0.1696	1	1.12	0.8	27.2	0.011	HDPE
ZONE 235-6256	MH-5655	MH-4940	576.42	576.23	575.47	575.28	48.6	150	0.22	258.163	0.946	0.0117	0.8	0.8	0.8	8.3	0.011	HDPE
ZONE 235-6248	MH-3582	MH-4680	576.76	577.05	575.31	575.37	55.8	271	0.6	960.456	2.6122	2.2309	1.3	1.18	1.41	67	0.01	HDPE
ZONE 235-2116	MH-98	MH-97	608.64	608.64	607.69	607.68	8.9	150	0.09	1,000.00	0.4807	0.0027	0.8	0.8	0.81	4.3	0.011	HDPE
ZONE 235-2198	MH-5125	MH-4290	608.65	609.02	607.7	607.98	27.3	150	0.44	100	1.52	0.0411	0.8	0.8	0.89	12	0.011	HDPE
ZONE 235-2120	MH-593	MH-594	608.5	608.5	606.86	606.88	15.4	150	0.25	1,000.00	0.4807	0.0947	1.5	1.49	1.48	30.4	0.011	HDPE
ZONE 235-4068	MH-782	MH-4192	561.13	561.52	560.18	560.43	25	150	1.02	100	1.52	0.7702	0.9	0.8	0.94	53.8	0.011	HDPE
ZONE 235-2143	MH-607	MH-608	608.69	608.69	607.74	607.74	0.2	150	0.22	128.047	1.3433	0.006	0.8	0.8	0.8	4.8	0.011	HDPE
ZONE 235-2118	MH-3621	MH-5147	608.62	608.59	607.54	607.57	35.1	150	0.19	1,000.00	0.4807	0.0387	0.9	0.93	0.86	21.7	0.011	HDPE
ZONE 235-2212	MH-653	MH-654	608.73	608.72	607.09	607.11	16.8	217	0.6	702.705	1.6885	1.3797	1.4	1.42	1.4	59.4	0.01	HDPE
ZONE 235-6264	MH-4464	MH-3629	575.54	575.43	574.59	574.48	27.5	150	0.2	250.248	0.9609	0.0091	0.8	0.8	0.8	7.5	0.011	HDPE
ZONE 235-2279	MH-3685	MH-3686	607.2	607.05	604.68	604.66	21.5	400	0.66	1,000.00	6.573	4.4204	2	2.11	1.98	59.3	0.011	HDPE
ZONE 235-4110	MH-487	MH-4009	563.28	561.65	561.39	560.58	81.6	271	1.41	100	8.0956	2.2168	1.2	1.61	0.8	40.9	0.01	HDPE
ZONE 235-4833	MH-6112	MH-6113	607.83	607.47	606.23	606.14	57.9	217	0.6	646.867	1.7599	1.173	1.2	1.39	1.11	60.7	0.01	HDPE
ZONE 235-6244	MH-5940	MH-5660	576.43	576.25	575.48	575.22	49.9	150	0.6	197.565	1.0814	0.2714	0.8	0.8	0.88	39.6	0.011	HDPE
ZONE 235-4824	MH-6069	MH-6116	607.15	607.15	606.03	606.18	58	175	0.6	411.866	1.2428	0.588	0.9	0.94	0.8	48.5	0.01	HDPE
ZONE 235-6189	MH-5151	MH-5178	573.1	572.92	571.32	571.18	35.5	150	0.6	245.405	0.9703	0.3636	1.6	1.62	1.59	58.9	0.011	HDPE
ZONE 235-6253	MH-5197	MH-5198	576.63	576.5	575.68	575.54	35.7	150	0.3	265.612	0.9327	0.0385	0.8	0.8	0.8	28.9	0.011	HDPE
ZONE 235-6195	MH-6436	MH-5132	574.82	574.5	573.87	573.55	85.4	150	0.33	265.832	0.9323	0.05	0.8	0.8	0.8	19.5	0.011	HDPE
ZONE 235-6204	MH-5956	MH-5957	573.59	573.5	572.29	572.2	50.8	500	1.07	527.83	16.4039	11.7712	0.8	0.8	0.8	56.7	0.011	HDPE
ZONE 235-2250	MH-5325	MH-4988	606.72	606.76	605.44	605.48	37.9	150	0.22	1,000.00	0.4807	0.0629	1.1	1.13	1.13	24.8	0.011	HDPE
ZONE 235-4091	MH-3267	MH-4252	561.34	560.82	560.12	559.87	25.6	150	0.37	100	1.52	0.0236	0.9	1.07	0.8	12.7	0.011	HDPE
ZONE 235-6785	MH-4831	MH-5125	608	608.65	607.05	607.34	28.9	150	0.46	100	1.52	0.0487	1	0.8	1.16	18.5	0.011	HDPE
ZONE 235-4090	MH-2621	MH-3267	561.34	561.34	560.39	560.37	18.3	150	0.15	1,000.00	0.4807	0.0152	0.8	0.8	0.82	9.9	0.011	HDPE
ZONE 235-4069	MH-781	MH-782	561.12	561.13	560.1	560.11	8.2	217	0.6	509.354	1.9833	0.8115	0.8	0.81	0.8	40	0.01	HDPE
ZONE 235-2055	MH-3754	MH-3450	606.9	607.32	605.95	606.17	21.9	150	0.36	100	1.52	0.0212	0.9	0.8	0.99	8.7	0.011	HDPE
ZONE 235-6282	MH-3424	MH-2639	575.48	575.36	574.53	574.41	19.4	150	0.95	154.399	1.3456	0.8525	0.8	0.8	0.8	62.1	0.01	HDPE
ZONE 235-2243	MH-3425	MH-3426	606.58	606.55	605.63	605.6	21.6	150	0.18	904.497	0.5054	0.0273	0.8	0.8	0.8	13	0.011	HDPE
ZONE 235-2073	MH-4904	MH-5980	606.33	606.27	605.27	605.32	51.6	150	0.24	1,000.00	0.4807	0.0854	0.9	0.91	0.8	28.5	0.011	HDPE
ZONE 235-2163	MH-5981	MH-5982	608.36	608.2	606.92	606.97	51.6	150	0.23	1,000.00	0.4807	0.069	1.2	1.29	1.08	26.7	0.011	HDPE
ZONE 235-4830	MH-6155	MH-911	608.1	608.1	606.44	606.34	59.7	217	0.6	585.839	1.8493	0.9959	1.5	1.44	1.55	53.6	0.01	HDPE
ZONE 235-6183	MH-4814	MH-1729	573.68	573.5	572.3	571.94	51.8	150	0.6	144.135	1.2661	0.1837	1.3	1.23	1.4	28	0.011	HDPE
ZONE 235-2210	MH-4284	MH-3380	608.94	608.85	607.99	607.9	25.9	150	0.21	316.302	0.8547	0.0128	0.8	0.8	0.8	8.7	0.011	HDPE
ZONE 235-2247	MH-814	MH-815	606.7	606.7	605.39	605.41	23.9	150	0.23	1,000.00	0.4807	0.0701	1.1	1.16	1.13	24.9	0.011	HDPE
ZONE 235-2226	MH-3184	MH-3240	606.74	606.71	605.79	605.76	19.6	150	0.18	823.727	0.5296	0.0256	0.8	0.8	0.8	15.8	0.011	HDPE
ZONE 235-2075	MH-6111	MH-6164	606.92	608.06	605.97	606.57	60.2	150	0.53	100	1.52	0.0757	1.1	0.8	1.34	16.3	0.011	HDPE
ZONE 235-6186	MH-1613	MH-1614	573.26	573.22	571.54	571.5	8.2	150	0.6	191.705	1.0978	0.2623	1.6	1.57	1.58	33.6	0.011	HDPE
ZONE 235-2056	MH-3450	MH-3352	607.32	607.74	606.37	606.56	19.7	150	0.35	100	1.52	0.0192	0.9	0.8	1.03	8.2	0.011	HDPE
ZONE 235-2146	MH-5996	MH-2976	606.59	606.52	603.33	603.38	52.5	450	0.76	1,000.00	8.9986	8.0471	2.8	2.81	2.69	56.3	0.011	HDPE
ZONE 235-6249	MH-6001	MH-5240	577.43	577.17	576.48	576.22	52.7	150	0.27	199.985	1.0749	0.0179	0.8	0.8	0.8	9.7	0.011	HDPE
ZONE 235-2272	MH-2832	MH-3253	606.79	606.79	605.8	605.78	19.8	150	0.15	1,000.00	0.4807	0.015	0.8	0.84	0.86	12.5	0.011	HDPE
ZONE 235-4108	MH-2684	MH-3795	566.55	565.84	565	564.77	22.2	271	1.35	100	8.0956	1.9073	1	1.28	0.8	37.8	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6826	MH-4812	MH-4813	571.84	571.97	570.53	570.33	30.8	150	0.6	150.086	1.2407	0.1933	1.3	1.16	1.5	27.3	0.011	HDPE
ZONE 235-4042	MH-6007	MH-6008	567.68	568.45	566.73	566.2	53.1	150	0.6	100.064	1.5195	0.1189	1.5	0.8	2.1	26	0.011	HDPE
ZONE 235-6266	MH-3630	MH-3118	575.36	575.25	574.21	574.06	26.1	150	0.6	175.548	1.1472	0.2357	1	0.99	1.04	31.4	0.011	HDPE
ZONE 235-2258	MH-3806	MH-3807	606.67	606.7	605.61	605.6	18.2	150	0.15	1,000.00	0.4807	0.0177	0.9	0.9	0.95	13.8	0.011	HDPE
ZONE 235-4827	MH-6343	MH-6344	608.1	608.1	606.81	607.15	73.3	150	0.6	218.078	1.0293	0.3099	1	1.14	0.8	40.5	0.011	HDPE
ZONE 235-6334	MH-925	MH-926	575.25	575.24	574.16	574.15	1.3	150	0.6	189.77	1.1034	0.2583	0.9	0.94	0.94	34.6	0.011	HDPE
ZONE 235-6252	MH-5259	MH-5197	576.84	576.63	575.89	575.68	53.4	150	0.3	247.992	0.9652	0.0334	0.8	0.8	0.8	13.2	0.011	HDPE
ZONE 235-4111	MH-933	MH-487	563.31	563.28	562.24	562.2	39.3	271	0.6	934.418	2.6484	2.0955	0.8	0.8	0.81	53.9	0.01	HDPE
ZONE 235-2269	MH-5538	MH-653	608.14	608.73	606.94	607.09	53.8	217	0.77	373.701	2.3154	1.3984	1.2	0.98	1.42	52.2	0.01	HDPE
ZONE 235-2189	MH-938	MH-939	609.44	609.44	607.63	607.71	15	150	0.6	202.304	1.0687	0.2833	1.6	1.66	1.59	34.9	0.011	HDPE
ZONE 235-2145	MH-6023	MH-5996	606.65	606.59	603.08	603.33	53.5	450	1.37	216.434	19.3424	8.061	3	3.12	2.81	61.5	0.011	HDPE
ZONE 235-4081	MH-725	MH-129	562.35	561.9	561.18	560.95	22.4	150	0.48	100	1.52	0.0537	0.9	1.02	0.8	13.7	0.011	HDPE
ZONE 235-6239	MH-6034	MH-4166	577.51	577.24	576.56	576.29	53.8	150	0.3	199.527	1.0761	0.0273	0.8	0.8	0.8	11.7	0.011	HDPE
ZONE 235-6184	MH-1730	MH-4329	573.47	573.38	571.88	571.72	26.3	150	0.6	162.533	1.1923	0.2116	1.5	1.43	1.51	30.5	0.011	HDPE
ZONE 235-6311	MH-967	MH-968	575.31	575.3	574.35	574.35	1.7	150	0.19	1,000.00	0.4807	0.0358	0.8	0.81	0.8	14	0.011	HDPE
ZONE 235-2241	MH-3835	MH-3836	606.64	606.61	605.69	605.66	22.5	150	0.16	903.532	0.5057	0.0178	0.8	0.8	0.8	13	0.011	HDPE
ZONE 235-2187	MH-3519	MH-3520	609.52	609.43	607.69	607.66	20.2	217	0.6	602.156	1.8241	1.0411	1.6	1.61	1.56	47.2	0.01	HDPE
ZONE 235-6180	MH-4642	MH-5476	572.42	572.74	571.47	571.41	63.2	150	0.23	1,000.00	0.4807	0.0745	1	0.8	1.18	23.6	0.011	HDPE
ZONE 235-6185	MH-1729	MH-1730	573.5	573.47	571.94	571.88	9	150	0.6	151.818	1.2336	0.1963	1.4	1.4	1.43	29	0.011	HDPE
ZONE 235-4093	MH-2649	MH-2621	561.35	561.34	560.4	560.39	14.7	150	0.1	1,000.00	0.4807	0.004	0.8	0.8	0.8	9.2	0.011	HDPE
ZONE 235-4027	MH-1021	MH-1022	568.01	568.05	566.99	567.02	2.8	217	1.18	100	4.476	1.088	0.8	0.8	0.82	38.9	0.01	HDPE
ZONE 235-2182	MH-3861	MH-3862	606.72	606.51	605.77	605.56	26.6	150	0.39	126.592	1.351	0.0367	0.8	0.8	0.8	13.5	0.011	HDPE
ZONE 235-3743	MH-6058	MH-6059	607.05	607.1	605.55	605.62	54.9	271	0.6	778.116	2.9022	1.5271	1.2	1.23	1.21	51.4	0.01	HDPE
ZONE 235-4849	MH-6384	MH-6385	606.67	606.65	605.67	605.59	84.6	150	0.19	1,000.00	0.4807	0.039	0.9	0.85	0.91	16.9	0.011	HDPE
ZONE 235-4030	MH-6064	MH-6065	569.45	570.29	567.95	568.1	55.1	217	0.7	376.373	2.3072	0.9321	1.6	1.28	1.98	42.7	0.01	HDPE
ZONE 235-2173	MH-171	MH-565	606.39	606.44	604.48	603.99	104.8	150	0.6	213.774	1.0396	0.3008	2	1.75	2.3	52.1	0.011	HDPE
ZONE 235-2204	MH-3062	MH-3063	609.26	609.29	608.22	608.24	17.1	150	0.13	1,000.00	0.4807	0.0119	0.9	0.89	0.9	11.3	0.011	HDPE
ZONE 235-4823	MH-6068	MH-6069	607.1	607.15	605.9	606.03	55.3	175	0.6	422.479	1.2271	0.6101	1	1.02	0.94	49.8	0.01	HDPE
ZONE 235-6327	MH-2284	MH-2285	575.68	575.61	574.73	574.66	12.2	150	0.49	179.312	1.1351	0.116	0.8	0.8	0.8	39.8	0.011	HDPE
ZONE 235-4012	MH-5527	MH-6077	559.95	559.79	558.56	558.25	55.8	217	0.91	180.28	3.3336	0.9329	1.2	1.17	1.32	37.7	0.01	HDPE
ZONE 235-2153	MH-5448	MH-3932	606.54	606.53	603.52	603.57	53.4	450	0.75	1,000.00	8.9986	8.0181	2.5	2.57	2.51	71.1	0.011	HDPE
ZONE 235-4092	MH-4252	MH-214	560.82	560.84	559.87	559.83	26.9	150	0.21	677.291	0.5841	0.0319	0.8	0.8	0.86	13.5	0.011	HDPE
ZONE 235-4102	MH-461	MH-1104	568.68	568.62	565.51	565.47	32.3	271	0.56	1,000.00	2.5601	1.6803	2.9	2.9	2.87	60	0.01	HDPE
ZONE 235-2144	MH-3904	MH-607	608.41	608.69	607.46	607.69	23	150	0.25	100	1.52	0.007	0.8	0.8	0.85	5.1	0.011	HDPE
ZONE 235-3730	MH-6258	MH-6259	606.9	606.85	605.39	605.31	65.2	271	0.6	805.029	2.8533	1.61	1.3	1.24	1.27	55	0.01	HDPE
ZONE 235-4007	MH-794	MH-2013	560.81	560.99	559.34	559.24	43.6	175	0.6	440.487	1.2017	0.6489	1.4	1.29	1.57	52.7	0.01	HDPE
ZONE 235-6796	MH-6643	MH-6664	594.05	592.7	592.75	591.4	311.4	500	1.59	231.272	24.7817	16.6387	0.8	0.8	0.8	60.4	0.011	HDPE
ZONE 235-6337	MH-3597	MH-3598	574.63	574.55	573.68	573.6	20.9	150	0.23	243.602	0.9739	0.0129	0.8	0.8	0.8	9.2	0.011	HDPE
ZONE 235-6205	MH-5957	MH-5769	573.5	573.31	572.2	572.01	57.1	500	1.32	308.099	21.4708	11.8437	0.8	0.8	0.8	51.7	0.011	HDPE
ZONE 235-6281	MH-2285	MH-3424	575.61	575.48	574.66	574.53	20.9	150	0.92	156.996	1.3344	0.7694	0.8	0.8	0.8	59.6	0.01	HDPE
ZONE 235-6240	MH-4166	MH-4167	577.24	577.12	576.29	576.17	24.7	150	0.34	196.455	1.0845	0.0377	0.8	0.8	0.8	13.7	0.011	HDPE
ZONE 235-2110	MH-4419	MH-2135	607.8	608.29	606.59	606.83	27.1	150	0.56	110.655	1.445	0.1037	1.2	1.06	1.31	20.7	0.011	HDPE
ZONE 235-6315	MH-3614	MH-2411	575.19	575.12	574.11	574.04	20.9	150	0.6	274.138	0.918	0.4254	0.9	0.93	0.93	58	0.011	HDPE
ZONE 235-2150	MH-3200	MH-2967	606.46	606.48	603.44	603.47	24.8	450	0.75	1,000.00	8.9986	8.0283	2.6	2.57	2.56	69.4	0.011	HDPE
ZONE 235-6178	MH-1176	MH-1177	573.9	573.92	572.74	572.72	17.4	150	0.11	1,000.00	0.4807	0.0062	1	1.01	1.05	17.3	0.011	HDPE
ZONE 235-3733	MH-6280	MH-6216	607.4	607.2	606.45	605.88	66.5	150	0.37	116.764	1.4067	0.0287	1	0.8	1.17	12.1	0.011	HDPE
ZONE 235-6329	MH-1192	MH-1193	575.54	575.51	574.59	574.56	5.1	150	0.43	226.993	1.0089	0.0979	0.8	0.8	0.8	21.5	0.011	HDPE
ZONE 235-4073	MH-2928	MH-3626	562.61	562.96	561.66	561.87	21.1	150	0.64	100	1.52	0.1472	0.9	0.8	0.94	25.8	0.011	HDPE
ZONE 235-2074	MH-5980	MH-6111	606.27	606.92	605.32	605.9	57.9	150	0.54	100	1.52	0.0806	0.8	0.8	0.87	23.1	0.011	HDPE
ZONE 235-6265	MH-3629	MH-3630	575.43	575.36	574.48	574.41	21.1	150	0.22	273.907	0.9184	0.0127	0.8	0.8	0.8	7.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6306	MH-2119	MH-2476	575.95	575.8	575	574.85	27.3	150	0.45	179.142	1.1357	0.09	0.8	0.8	0.8	21.3	0.011	HDPE
ZONE 235-4075	MH-2869	MH-4188	561.29	561.58	560.34	560.59	24.9	150	0.39	100	1.52	0.0289	0.8	0.8	0.84	11.3	0.011	HDPE
ZONE 235-2255	MH-2367	MH-2368	606.67	606.67	605.69	605.68	13.8	150	0.1	1,000.00	0.4807	0.0042	0.8	0.83	0.84	7.6	0.011	HDPE
ZONE 235-6222	MH-4120	MH-4449	574.27	574.17	573.1	573.15	27.3	217	0.6	596.655	1.8324	1.0264	0.9	0.95	0.8	47.1	0.01	HDPE
ZONE 235-3737	MH-6131	MH-6132	607	606.99	605.77	605.64	58.7	175	0.6	440.554	1.2016	0.6511	1.1	1.05	1.18	52.5	0.01	HDPE
ZONE 235-6203	MH-3045	MH-5956	573.88	573.59	572.93	572.64	58.8	150	0.24	203.164	1.0664	0.0126	0.8	0.8	0.8	7.3	0.011	HDPE
ZONE 235-6331	MH-1269	MH-1270	575.47	575.44	574.52	574.47	6	150	0.6	110.75	1.4444	0.133	0.8	0.8	0.82	24.8	0.011	HDPE
ZONE 235-3729	MH-6310	MH-6258	606.95	606.9	605.48	605.39	68.9	271	0.6	798.774	2.8644	1.5899	1.2	1.2	1.24	52.9	0.01	HDPE
ZONE 235-2142	MH-4465	MH-3904	608.11	608.41	607.16	607.43	27.5	150	0.28	100	1.52	0.0093	0.8	0.8	0.82	5.8	0.011	HDPE
ZONE 235-6271	MH-1354	MH-2435	575.37	575.68	574.29	574.73	59.3	150	0.6	133.694	1.3146	0.1663	0.9	0.94	0.8	27.6	0.011	HDPE
ZONE 235-4014	MH-1911	MH-1912	559.87	559.88	558.92	558.91	10.2	150	0.25	1,000.00	0.4807	0.1014	0.8	0.8	0.82	29.4	0.011	HDPE
ZONE 235-4163	MH-5403	MH-5313	571.22	571.37	569.93	569.77	42	150	0.6	258.703	0.945	0.3907	1.3	1.13	1.45	46.4	0.011	HDPE
ZONE 235-2063	MH-5901	MH-6158	606.25	607.33	605.3	605.9	60	150	0.41	100	1.52	0.033	1	0.8	1.28	15.2	0.011	HDPE
ZONE 235-3746	MH-6163	MH-5756	606.76	606.8	604.37	604.44	70.3	400	0.66	1,000.00	6.573	4.4814	2	1.99	1.96	61.3	0.011	HDPE
ZONE 235-2064	MH-6158	MH-6168	607.33	608.27	606.38	606.98	60.3	150	0.39	100	1.52	0.0272	1	0.8	1.13	9.8	0.011	HDPE
ZONE 235-2162	MH-594	MH-5981	608.5	608.36	606.88	606.92	44.8	150	0.24	1,000.00	0.4807	0.0845	1.4	1.48	1.29	29	0.011	HDPE
ZONE 235-2083	MH-5061	MH-4687	607.78	608.54	606.83	607.44	60.3	150	0.49	100	1.52	0.0602	0.9	0.8	0.96	14.5	0.011	HDPE
ZONE 235-3739	MH-6170	MH-6171	606.95	606.59	605.49	605.36	60.5	175	0.6	461.91	1.1735	0.7012	1.2	1.28	1.05	50.4	0.01	HDPE
ZONE 235-4114	MH-5377	MH-461	567.05	568.68	566.1	565.63	94.8	150	0.6	202.301	1.0687	0.2794	1.8	0.8	2.9	34.3	0.011	HDPE
ZONE 235-2316	MH-3214	MH-3215	572.54	572.6	571.59	571.65	18	150	0.22	276.395	0.9143	0.0144	0.8	0.8	0.8	9.8	0.011	HDPE
ZONE 235-2070	MH-6174	MH-4674	608.11	608.65	607.16	607.7	60.8	150	0.42	113.238	1.4284	0.042	0.8	0.8	0.8	12.3	0.011	HDPE
ZONE 235-2069	MH-6175	MH-6174	607.04	608.11	606.09	606.7	60.8	150	0.49	100	1.52	0.0596	1	0.8	1.27	14.4	0.011	HDPE
ZONE 235-3748	MH-5757	MH-4766	606.84	606.9	604.48	604.56	72.3	400	0.66	1,000.00	6.573	4.4644	1.9	1.95	1.94	59.9	0.011	HDPE
ZONE 235-2184	MH-6177	MH-4750	610.02	609.75	607.88	607.78	60.9	217	0.6	589.743	1.8431	1.0081	1.8	1.92	1.76	52.4	0.01	HDPE
ZONE 235-2076	MH-6164	MH-4144	608.06	608.69	607.11	607.72	60.9	150	0.51	100	1.52	0.0704	0.8	0.8	0.81	15.7	0.011	HDPE
ZONE 235-2052	MH-3196	MH-3238	606.26	606.25	605.27	605.3	25.6	150	0.17	1,000.00	0.4807	0.0283	0.8	0.84	0.8	16.6	0.011	HDPE
ZONE 235-4852	MH-6336	MH-6337	607.1	606.9	606.15	605.95	72.7	150	0.18	362.712	0.7981	0.0099	0.8	0.8	0.8	8.3	0.011	HDPE
ZONE 235-2067	MH-6181	MH-6182	606.26	606.19	605.16	605.24	73.7	150	0.25	1,000.00	0.4807	0.1	0.9	0.95	0.8	25.4	0.011	HDPE
ZONE 235-4066	MH-4255	MH-3117	560.71	560.84	559.69	559.82	25.6	217	0.85	195.563	3.2007	0.8207	0.8	0.8	0.8	35.6	0.01	HDPE
ZONE 235-6273	MH-2436	MH-4780	575.75	576.24	574.8	575.29	95.3	150	0.41	193.521	1.0927	0.0692	0.8	0.8	0.8	18.8	0.011	HDPE
ZONE 235-2216	MH-5304	MH-6189	609.06	609.03	608.02	608.08	61.6	150	0.15	1,000.00	0.4807	0.0172	0.8	0.89	0.8	14.4	0.011	HDPE
ZONE 235-2068	MH-6182	MH-6175	606.19	607.04	605.24	605.85	61.7	150	0.55	100	1.52	0.0884	0.9	0.8	1.04	24.8	0.011	HDPE
ZONE 235-2096	MH-6191	MH-4640	606.64	606.51	605.69	605.56	62.1	150	0.16	461.647	0.7074	0.0086	0.8	0.8	0.8	6.7	0.011	HDPE
ZONE 235-6318	MH-1428	MH-1429	575.08	575.09	574.01	574.01	7.1	150	0.4	1,000.00	0.5287	0.5173	0.9	0.92	0.93	54.9	0.01	HDPE
ZONE 235-6790	MH-6636	MH-6637	602.67	600.63	601.04	599.33	171.5	500	1.95	100	37.6871	10.7089	1	1.13	0.8	48	0.011	HDPE
ZONE 235-6795	MH-6642	MH-6643	595.34	594.05	594.04	592.75	175.8	500	1.95	136.4	32.269	16.4829	0.8	0.8	0.8	59.8	0.011	HDPE
ZONE 235-6346	MH-6204	MH-6205	575.55	575.83	574.49	574.88	62.4	150	0.6	158.866	1.206	0.2055	0.9	0.92	0.8	29.7	0.011	HDPE
ZONE 235-4006	MH-5896	MH-5527	560	559.95	559.05	558.63	62.9	150	0.6	148.448	1.2476	0.1905	1	0.8	1.17	27.1	0.011	HDPE
ZONE 235-6268	MH-2038	MH-2039	575.19	575.15	573.97	573.9	10.9	150	0.6	178.116	1.1389	0.2401	1.1	1.07	1.1	31.2	0.011	HDPE
ZONE 235-3734	MH-6216	MH-6217	607.2	606.2	605.88	605.25	63.2	150	0.45	100	1.52	0.0451	1	1.17	0.8	18.7	0.011	HDPE
ZONE 235-6345	MH-1026	MH-2482	574.21	574.1	573.26	573.15	22.1	150	0.43	200.087	1.0746	0.0872	0.8	0.8	0.8	18.9	0.011	HDPE
ZONE 235-6228	MH-6265	MH-5796	577.84	577.41	576.89	576.46	77.2	150	0.84	180.157	1.1325	0.9158	0.8	0.8	0.8	65.3	0.011	HDPE
ZONE 235-4047	MH-405	MH-5607	572.49	571.99	571.08	570.48	102.9	150	0.6	170.921	1.1627	0.2282	1.3	1.26	1.36	43	0.011	HDPE
ZONE 235-2160	MH-3793	MH-3794	607.54	607.6	606.59	606.65	22.2	150	0.15	366.382	0.7941	0.0051	0.8	0.8	0.8	6.1	0.011	HDPE
ZONE 235-6217	MH-4309	MH-2482	573.99	574.1	572.68	572.71	26.1	400	0.71	1,000.00	6.573	6.5031	0.9	0.91	0.99	62.8	0.011	HDPE
ZONE 235-6212	MH-2228	MH-2042	574.23	573.89	573.03	572.69	78.4	400	1.11	231.999	13.6466	4.0478	0.8	0.8	0.8	38.3	0.011	HDPE
ZONE 235-6819	MH-4319	MH-4176	572.98	573.11	571.77	571.75	26.2	150	0.1	1,000.00	0.4807	0.0047	1.1	1.06	1.21	7	0.011	HDPE
ZONE 235-4004	MH-6399	MH-794	560.61	560.81	559.66	559.37	78.8	150	0.6	267.053	0.9301	0.409	1	0.8	1.29	44.7	0.011	HDPE
ZONE 235-6320	MH-1429	MH-159	575.09	575.02	573.98	573.93	18.6	175	0.6	391.983	1.2739	0.5482	0.9	0.93	0.92	42.5	0.01	HDPE
ZONE 235-4115	MH-6543	MH-5718	567.19	564.58	564.73	563.63	109.8	150	0.53	100	1.52	0.0772	1.6	2.32	0.8	16.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6814	MH-6491	MH-6666	569.81	565.11	566.52	563.51	300.6	800	2.71	100	131.9815	40.1076	1.6	2.49	0.8	44.4	0.011	HDPE
ZONE 235-2166	MH-4330	MH-2685	607.42	606.93	603.93	603.88	50.6	450	0.75	1,000.00	8.9986	7.7898	2.8	3.04	2.6	63.3	0.011	HDPE
ZONE 235-6305	MH-2118	MH-2119	576.01	575.95	575.06	575	11.4	150	0.33	189.316	1.1047	0.0341	0.8	0.8	0.8	15.5	0.011	HDPE
ZONE 235-6233	MH-6110	MH-4773	576.41	575.92	575.46	574.97	81.3	150	0.7	167.066	1.176	0.3757	0.8	0.8	0.8	45.6	0.011	HDPE
ZONE 235-2066	MH-6168	MH-707	608.27	608.87	607.32	607.92	64.9	150	0.35	107.737	1.4644	0.0213	0.8	0.8	0.8	8.8	0.011	HDPE
ZONE 235-6199	MH-6256	MH-5733	573.93	574.24	572.98	573.08	65.1	150	0.19	656.883	0.5931	0.0209	0.9	0.8	1	13.1	0.011	HDPE
CO-12	MH-6113	MH-5658	607.47	607.14	606.14	606.06	57.7	217	0.6	673.433	1.7248	1.2623	1	1.11	0.87	59.7	0.01	HDPE
ZONE 235-6227	MH-5575	MH-6265	578.23	577.84	577.28	576.89	65.7	150	0.8	166.461	1.1781	0.6306	0.8	0.8	0.8	59.7	0.011	HDPE
ZONE 235-6284	MH-2640	MH-5112	575.26	574.84	574.31	573.89	66	150	1	156.035	1.3385	1.1173	0.8	0.8	0.8	74	0.01	HDPE
ZONE 235-4043	MH-6008	MH-1021	568.45	568.01	566.2	565.8	66.1	150	0.6	165.107	1.183	0.2161	2.1	2.1	2.06	37.5	0.011	HDPE
ZONE 235-6290	MH-2156	MH-1030	575.17	575.12	574.22	574.17	11.6	150	0.25	242.049	0.977	0.0184	0.8	0.8	0.8	10.4	0.011	HDPE
ZONE 235-4033	MH-6274	MH-5248	569.99	569.69	568.48	568.71	66.2	150	0.6	278.233	0.9113	0.4344	1.1	1.37	0.82	50	0.011	HDPE
ZONE 235-6323	MH-2172	MH-1777	574.8	574.77	573.79	573.75	11.7	217	0.71	377.268	2.3044	1.002	0.8	0.8	0.8	43.4	0.01	HDPE
ZONE 235-4851	MH-6385	MH-820	606.65	606.51	605.59	605.23	85.4	150	0.34	237.912	0.9855	0.047	1	0.91	1.14	16.6	0.011	HDPE
ZONE 235-4031	MH-6065	MH-6351	570.29	570.15	568.1	568.26	85.9	217	0.6	541.056	1.9243	0.8866	1.8	1.98	1.68	45.3	0.01	HDPE
ZONE 235-6827	MH-6294	MH-4812	571.55	571.84	570.6	570.53	67.8	150	0.26	1,000.00	0.4807	0.1057	1	0.8	1.16	29.9	0.011	HDPE
ZONE 235-4024	MH-6584	MH-4691	565.5	567.5	564.34	564.47	128.7	271	0.56	1,000.00	2.5601	1.7718	1.8	0.89	2.76	51.8	0.01	HDPE
ZONE 235-6241	MH-4167	MH-5037	577.12	576.83	576.17	575.88	68.3	150	0.34	235.004	0.9915	0.0484	0.8	0.8	0.8	15.9	0.011	HDPE
ZONE 235-4097	MH-3895	MH-3896	562.17	561.94	561.22	560.99	22.9	150	0.84	101.391	1.5096	0.3853	0.8	0.8	0.8	42.3	0.011	HDPE
ZONE 235-4070	MH-4192	MH-4402	561.52	561.95	560.57	560.84	27	150	1.01	100	1.52	0.7477	0.9	0.8	0.96	53	0.011	HDPE
ZONE 235-2338	MH-2661	MH-814	606.71	606.7	605.61	605.6	12.4	150	0.23	1,000.00	0.4807	0.0747	0.9	0.95	0.95	21.6	0.011	HDPE
ZONE 235-2201	MH-3688	MH-2866	609.09	609.14	608.14	608.19	23.1	150	0.2	560.766	0.6419	0.0223	0.8	0.8	0.8	13.2	0.011	HDPE
ZONE 235-6328	MH-3915	MH-1192	575.66	575.54	574.71	574.59	23.1	150	0.41	183.349	1.1226	0.0644	0.8	0.8	0.8	18.5	0.011	HDPE
ZONE 235-6219	MH-5922	MH-4496	574.35	574.62	572.77	572.84	69.8	400	0.7	1,000.00	6.573	6.1766	1.3	1.18	1.38	73.1	0.011	HDPE
ZONE 235-4029	MH-1022	MH-6064	568.05	569.45	567.03	567.95	91.7	217	1.16	100	4.476	1.0399	1	0.8	1.28	37.1	0.01	HDPE
ZONE 235-6292	MH-1297	MH-4437	575.09	574.99	574.14	574.04	27.2	150	0.36	269.039	0.9267	0.0662	0.8	0.8	0.8	21	0.011	HDPE
ZONE 235-4105	MH-4441	MH-4442	567.35	567.15	565.37	565.34	27.3	271	0.6	872.285	2.7411	1.8373	1.6	1.7	1.54	58.6	0.01	HDPE
ZONE 235-4084	MH-214	MH-1751	560.84	560.69	559.58	559.49	9.1	400	1.45	100	22.8644	2.7916	0.8	0.86	0.8	27.7	0.01	HDPE
ZONE 235-6821	MH-4175	MH-4176	573.01	573.11	572.06	572.03	24.9	150	0.11	1,000.00	0.4807	0.0058	0.9	0.8	0.92	6.1	0.011	HDPE
ZONE 235-2054	MH-3239	MH-3754	606.41	606.9	605.46	605.73	27.3	150	0.37	100	1.52	0.0237	0.9	0.8	1.03	10	0.011	HDPE
ZONE 235-4854	MH-6337	MH-810	606.9	606.82	605.95	605.32	93.8	150	0.31	149.799	1.2419	0.0201	1.1	0.8	1.35	29.9	0.011	HDPE
ZONE 235-6322	MH-4063	MH-2172	574.93	574.8	573.85	573.79	29.9	217	0.64	487.715	2.0268	0.9642	0.8	0.87	0.8	46.7	0.01	HDPE
ZONE 235-4015	MH-1912	MH-3143	559.88	559.85	558.91	558.71	29.9	150	0.6	152.846	1.2295	0.1981	0.9	0.82	0.99	33.6	0.011	HDPE
ZONE 235-2171	MH-6333	MH-171	606.77	606.39	604.86	604.48	71.6	150	0.6	192.183	1.0965	0.263	1.8	1.76	1.75	34.7	0.011	HDPE
ZONE 235-2246	MH-5800	MH-3089	606.62	606.68	604.68	605.03	43.5	150	0.6	121.984	1.3763	0.1494	1.6	1.8	1.5	25	0.011	HDPE
ZONE 235-6324	MH-1777	MH-1778	574.77	574.72	573.75	573.71	9.2	217	0.91	194.061	3.2131	1.0152	0.8	0.8	0.8	39.7	0.01	HDPE
ZONE 235-6813	MH-5514	MH-6491	571.01	569.81	568.84	568.21	95.6	800	2.32	151.183	107.3401	39.3034	1.1	1.37	0.8	46.1	0.011	HDPE
ZONE 235-2159	MH-2754	MH-3793	607.44	607.54	606.49	606.59	27.5	150	0.19	266.102	0.9318	0.008	0.8	0.8	0.8	7.3	0.011	HDPE
ZONE 235-6231	MH-4680	MH-6109	577.05	576.72	575.49	575.77	73.3	150	0.6	262.538	0.9381	0.3988	1.1	1.41	0.8	44	0.011	HDPE
ZONE 235-4078	MH-4209	MH-725	562.43	562.35	561.48	561.4	25.1	150	0.2	323.456	0.8452	0.012	0.8	0.8	0.8	7.6	0.011	HDPE
ZONE 235-2277	MH-4469	MH-4470	606.67	607.05	604.75	604.72	27.5	400	0.66	1,000.00	6.573	4.4105	1.7	1.52	1.93	59.2	0.011	HDPE
ZONE 235-4032	MH-6351	MH-6274	570.15	569.99	568.3	568.45	74	175	0.6	486.075	1.144	0.7639	1.5	1.68	1.37	53	0.01	HDPE
ZONE 235-6294	MH-1808	MH-1809	574.85	574.81	573.73	573.67	9.5	150	0.6	152.997	1.2289	0.1984	1	0.97	1	29.8	0.011	HDPE
ZONE 235-4847	MH-6353	MH-6354	606.8	606.65	605.85	605.7	74.5	150	0.16	495.808	0.6826	0.0086	0.8	0.8	0.8	8.1	0.011	HDPE
ZONE 235-2089	MH-4485	MH-4486	606.36	606.33	605.36	605.38	27.6	150	0.26	1,000.00	0.4807	0.1112	0.8	0.86	0.8	32.7	0.011	HDPE
ZONE 235-2148	MH-2977	MH-3199	606.5	606.49	603.4	603.42	25.2	450	0.76	1,000.00	8.9986	8.0363	2.6	2.65	2.61	67.6	0.011	HDPE
ZONE 235-2264	MH-2764	MH-2765	606.73	606.79	604.32	604.28	36.4	400	0.66	1,000.00	6.573	4.5284	2.1	2.01	2.11	65.5	0.011	HDPE
ZONE 235-4076	MH-4188	MH-4222	561.58	561.88	560.63	560.88	25.2	150	0.33	100	1.52	0.0168	0.8	0.8	0.85	7.7	0.011	HDPE
ZONE 235-6296	MH-2338	MH-2085	574.75	574.69	573.58	573.51	12.7	150	0.6	197.928	1.0804	0.272	1	1.02	1.03	35.3	0.011	HDPE
ZONE 235-4842	MH-6362	MH-6363	608.17	608.38	607.05	607.43	75.5	150	0.6	201.071	1.072	0.2773	0.9	0.97	0.8	35.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6341	MH-1180	MH-1119	574.35	574.32	573.4	573.37	9.7	150	0.32	306.666	0.868	0.0532	0.8	0.8	0.8	16.8	0.011	HDPE
ZONE 235-6258	MH-4941	MH-5198	576.1	576.5	575.15	575.54	76.6	150	0.69	195.234	1.0879	0.4482	0.8	0.8	0.8	44.7	0.011	HDPE
ZONE 235-3732	MH-6259	MH-542	606.85	606.8	605.31	605.23	77.2	271	0.55	1,000.00	2.5601	1.6266	1.3	1.27	1.3	48.2	0.01	HDPE
ZONE 235-2266	MH-5637	MH-5537	607.41	607.55	604.23	604.19	42.8	400	0.7	1,000.00	6.573	6.3697	2.9	2.78	2.96	68.8	0.011	HDPE
ZONE 235-2108	MH-2699	MH-2804	606.94	607.24	605.99	606.15	15.7	150	0.59	100	1.52	0.1099	0.9	0.8	0.94	19.6	0.011	HDPE
ZONE 235-6829	MH-6382	MH-4813	572.31	571.97	570.98	570.3	77.7	175	0.97	114.153	2.3606	0.6213	1.3	1.15	1.5	38.5	0.01	HDPE
ZONE 235-4841	MH-6062	MH-6362	608.35	608.17	606.69	607.05	78.1	150	0.6	212.952	1.0416	0.2992	1.2	1.52	0.97	39.4	0.011	HDPE
ZONE 235-3741	MH-6171	MH-991	606.59	606.22	605.36	605.02	76.5	175	0.8	223.262	1.6879	0.7244	1	1.05	1.02	45.5	0.01	HDPE
ZONE 235-4828	MH-6343	MH-6155	608.1	608.1	606.81	606.51	79	150	0.6	256.39	0.9493	0.3858	1.3	1.14	1.44	42.1	0.011	HDPE
ZONE 235-2059	MH-4532	MH-3342	608.39	608.66	607.44	607.71	28.1	150	0.29	102.028	1.5048	0.0108	0.8	0.8	0.8	7	0.011	HDPE
ZONE 235-4119	MH-6395	MH-487	563.72	563.28	562.77	562.33	75.7	150	0.28	170.895	1.1627	0.0182	0.8	0.8	0.8	8.6	0.011	HDPE
ZONE 235-6224	MH-4042	MH-4269	578.78	578.7	577.82	577.75	25.7	150	0.37	353.55	0.8084	0.1025	0.8	0.81	0.8	28.6	0.011	HDPE
ZONE 235-4843	MH-6062	MH-6400	608.35	607.44	606.69	606.36	81	150	0.6	249.037	0.9632	0.3712	1.2	1.52	0.93	41.1	0.011	HDPE
ZONE 235-6192	MH-4282	MH-4814	573.83	573.68	572.55	572.3	35.5	150	0.6	139.818	1.2855	0.1774	1.2	1.13	1.23	27.2	0.011	HDPE
ZONE 235-6191	MH-4281	MH-4282	573.95	573.83	573	572.88	21.1	150	0.34	174.734	1.1499	0.034	0.8	0.8	0.8	11.7	0.011	HDPE
ZONE 235-4036	MH-2423	MH-2424	570.65	570.82	569.7	569.83	13.2	150	0.61	100	1.52	0.122	0.8	0.8	0.84	25.6	0.011	HDPE
ZONE 235-6326	MH-3287	MH-2284	575.79	575.68	574.84	574.73	25.9	150	0.39	248.377	0.9645	0.0822	0.8	0.8	0.8	20.6	0.011	HDPE
ZONE 235-2199	MH-4290	MH-3687	609.02	609.05	607.98	608.1	25.9	150	0.32	208.738	1.0521	0.0325	0.8	0.89	0.8	12.4	0.011	HDPE
ZONE 235-4035	MH-5249	MH-2423	569.82	570.65	568.87	569.7	82.4	150	0.73	100	1.52	0.2287	0.8	0.8	0.8	34.8	0.011	HDPE
CO-39	MH-1353	MH-6443	575.4	575.43	574.2	574.23	6	400	1.04	252.214	13.0882	3.5386	0.8	0.8	0.8	35.4	0.011	HDPE
ZONE 235-4065	MH-1315	MH-4255	560.21	560.71	559.2	559.48	28.6	217	1.14	100	4.476	0.9774	0.9	0.8	1.01	36	0.01	HDPE
ZONE 235-2219	MH-4059	MH-4580	609	608.98	608.02	607.96	28.6	150	0.2	530.835	0.6597	0.0206	0.8	0.83	0.86	13.7	0.011	HDPE
ZONE 235-2218	MH-4058	MH-4059	609.01	609	608.04	608.02	24.1	150	0.15	1,000.00	0.4807	0.0172	0.8	0.82	0.83	12.4	0.011	HDPE
ZONE 235-6786	MH-5303	MH-3520	609.07	609.43	607.14	607.26	83.2	217	0.6	694.365	1.6986	1.3406	1.8	1.71	1.95	66	0.01	HDPE
ZONE 235-6259	MH-4583	MH-4584	576.52	576.39	575.57	575.44	28.6	150	0.21	234.711	0.9922	0.0092	0.8	0.8	0.8	8.3	0.011	HDPE
ZONE 235-2091	MH-4303	MH-4304	606.54	607.02	605.59	605.85	26.1	150	0.58	100	1.52	0.1043	0.9	0.8	1.02	20.8	0.011	HDPE
ZONE 235-6193	MH-4844	MH-4845	574.29	574.17	573.34	573.22	31.1	150	0	255.196	0.9515	0	0.8	0.8	0.8	2.3	0.011	HDPE
ZONE 235-6343	MH-1120	MH-1025	574.3	574.23	573.35	573.28	13.5	150	0.43	180.996	1.1298	0.0764	0.8	0.8	0.8	18.1	0.011	HDPE
ZONE 235-2294	MH-1970	MH-820	606.44	606.51	605.14	605.16	10.6	217	0.6	505.732	1.9904	0.8035	1.1	1.08	1.14	43.7	0.01	HDPE
ZONE 235-2176	MH-6431	MH-4428	607.65	606.7	606.52	605.75	77.3	150	0.69	100	1.52	0.1867	0.9	0.98	0.8	28.1	0.011	HDPE
ZONE 235-6177	MH-1177	MH-5323	573.92	574.33	572.72	573.38	85	150	0.54	128.51	1.3409	0.1099	0.9	1.05	0.8	22	0.011	HDPE
ZONE 235-2106	MH-2341	MH-2698	606.61	606.73	605.66	605.78	18.2	150	0.5	159.378	1.204	0.1125	0.8	0.8	0.8	21.5	0.011	HDPE
ZONE 235-4855	MH-6438	MH-6348	607.1	607.05	606.02	605.82	86.4	175	0.6	442.112	1.1995	0.6544	1	0.91	1.05	52.8	0.01	HDPE
ZONE 235-6348	MH-6443	MH-6444	575.43	575.87	574.23	574.67	86.3	400	1.14	196.833	14.8156	3.5075	0.8	0.8	0.8	35.7	0.011	HDPE
ZONE 235-4101	MH-6428	MH-4390	570.04	569.03	567.48	567.35	86.4	217	0.6	655.847	1.7478	1.2014	1.9	2.35	1.47	61.9	0.01	HDPE
ZONE 235-4009	MH-2013	MH-257	560.99	560.98	559.24	559.19	27	175	0.6	454.513	1.183	0.6833	1.6	1.57	1.62	49.7	0.01	HDPE
ZONE 235-6299	MH-2806	MH-2345	574.6	574.72	573.39	573.29	29	150	0.6	264.601	0.9344	0.4035	1.2	1.05	1.28	48	0.011	HDPE
ZONE 235-6236	MH-5925	MH-5497	575.38	574.6	574.4	573.63	134.6	175	1.06	172.864	1.9183	1.6297	0.8	0.8	0.8	69.8	0.01	HDPE
ZONE 235-3724	MH-6438	MH-6455	607.1	607.2	606.02	606.23	89.1	175	0.6	426.763	1.2209	0.6195	0.9	0.91	0.8	50.8	0.01	HDPE
ZONE 235-2260	MH-4031	MH-4021	606.74	606.74	605.57	605.55	23.5	150	0.18	1,000.00	0.4807	0.0299	1	1.02	1.05	17.2	0.011	HDPE
ZONE 235-6213	MH-2042	MH-2043	573.89	573.85	572.69	572.62	10.9	400	1.3	150.163	16.9623	4.0553	0.8	0.8	0.83	47.5	0.011	HDPE
ZONE 235-6280	MH-4346	MH-2285	575.76	575.61	574.73	574.66	26.5	150	0.6	421.352	0.8146	0.6112	0.8	0.88	0.8	60.8	0.01	HDPE
ZONE 235-2180	MH-6469	MH-171	606.6	606.39	605.65	605.44	91.9	150	0.24	431.815	0.7315	0.0296	0.8	0.8	0.8	12.2	0.011	HDPE
ZONE 235-2315	MH-4642	MH-3214	572.42	572.54	571.47	571.59	29.3	150	0.28	244.971	0.9712	0.0251	0.8	0.8	0.8	18.6	0.011	HDPE
ZONE 235-6297	MH-2085	MH-2086	574.69	574.67	573.51	573.46	11.2	150	0.6	216.391	1.0333	0.3062	1	1.03	1.06	38.3	0.011	HDPE
ZONE 235-2230	MH-4367	MH-3019	606.77	606.78	605.69	605.66	26.9	150	0.2	1,000.00	0.4807	0.0418	0.9	0.93	0.97	22.4	0.011	HDPE
ZONE 235-3728	MH-6349	MH-572	607.05	607	605.66	605.46	93.9	175	0.6	464.543	1.1702	0.7077	1.3	1.22	1.37	55.5	0.01	HDPE
ZONE 235-2156	MH-2093	MH-2094	606.91	607.12	605.96	606.08	12.1	150	0.31	100	1.52	0.0129	0.8	0.8	0.89	6.9	0.011	HDPE
ZONE 235-2213	MH-2550	MH-653	608.78	608.73	607.83	607.78	13.7	150	0.24	261.915	0.9392	0.018	0.8	0.8	0.8	9	0.011	HDPE
ZONE 235-4845	MH-830	MH-6400	606.92	607.44	605.64	605.51	94.3	217	0.6	709.656	1.6802	1.4099	1.4	1.06	1.71	59	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6803	MH-6628	MH-6629	577.84	576.62	576.54	575.32	162.6	500	2.13	133.869	32.5726	23.461	0.8	0.8	0.8	73.7	0.011	HDPE
ZONE 235-4826	MH-6630	MH-6343	608.1	608.1	607.15	606.81	163.9	150	0.27	486.83	0.6889	0.0542	1	0.8	1.14	31.3	0.011	HDPE
ZONE 235-2270	MH-2980	MH-2831	606.78	606.78	605.83	605.82	16.7	150	0.12	1,000.00	0.4807	0.0088	0.8	0.8	0.82	10.1	0.011	HDPE
ZONE 235-4103	MH-4390	MH-461	569.03	568.68	567.35	567.3	29.2	217	0.6	693.921	1.6992	1.3389	1.3	1.47	1.16	55.8	0.01	HDPE
ZONE 235-4109	MH-3795	MH-933	565.84	563.31	562.83	562.24	58.5	271	1.37	100	8.0956	1.9912	1.8	2.75	0.8	53.3	0.01	HDPE
ZONE 235-2057	MH-3352	MH-3353	607.74	608.06	606.79	606.98	18.9	150	0.33	100	1.52	0.0168	0.9	0.8	0.93	7.7	0.011	HDPE
ZONE 235-4848	MH-6354	MH-6492	606.65	606.32	605.7	605.13	96.5	150	0.28	168.365	1.1715	0.0172	0.9	0.8	1.05	14.3	0.011	HDPE
ZONE 235-6230	MH-4679	MH-4680	577.18	577.05	576.2	576.07	29.6	175	0.94	226.993	1.674	1.5822	0.8	0.8	0.8	72.4	0.01	HDPE
ZONE 235-2112	MH-2135	MH-593	608.29	608.5	606.83	606.86	25.8	150	0.25	1,000.00	0.4807	0.1018	1.4	1.31	1.49	25.7	0.011	HDPE
ZONE 235-2087	MH-4666	MH-4598	606.43	606.4	605.03	605.33	29.7	150	0.6	100.579	1.5156	0.118	1.1	1.25	0.92	22.1	0.011	HDPE
ZONE 235-6805	MH-6650	MH-5609	575.83	574.72	574.53	573.42	199.6	500	1.9	180.01	28.0895	24.0837	0.8	0.8	0.8	72.5	0.011	HDPE
ZONE 235-2175	MH-3678	MH-6201	606.25	606.75	603.95	603.69	105.5	175	0.6	401.309	1.259	0.5663	2.5	2.13	2.89	47	0.01	HDPE
ZONE 235-6808	MH-5770	MH-5328	573.15	572.54	571.75	571.14	107.7	600	2.13	177.097	46.0508	36.2732	0.8	0.8	0.8	70.9	0.011	HDPE
ZONE 235-2217	MH-4462	MH-4058	609.02	609.01	608.07	608.04	27.5	150	0.13	1,000.00	0.4807	0.0114	0.8	0.8	0.82	11.7	0.011	HDPE
ZONE 235-2109	MH-2804	MH-4419	607.24	607.8	606.29	606.59	30.2	150	0.58	100	1.52	0.1064	0.9	0.8	1.06	19.3	0.011	HDPE
ZONE 235-2099	MH-4641	MH-3260	606.47	606.43	604.57	604.82	30.2	150	0.6	119.579	1.39	0.1457	1.6	1.75	1.46	24.7	0.011	HDPE
ZONE 235-2169	MH-6545	MH-6333	606.46	606.77	605.51	604.86	110.2	150	0.6	168.062	1.1725	0.2234	1.3	0.8	1.76	31.8	0.011	HDPE
ZONE 235-2256	MH-2368	MH-4475	606.67	606.67	605.68	605.65	27.9	150	0.12	1,000.00	0.4807	0.0076	0.9	0.84	0.87	10.1	0.011	HDPE
ZONE 235-6211	MH-2227	MH-2228	574.29	574.23	573.09	573.03	12	400	1.19	192.26	14.9907	4.0406	0.8	0.8	0.8	38.3	0.011	HDPE
ZONE 235-6828	MH-6551	MH-4812	572	571.84	571.05	570.53	148.6	150	0	284.774	0.9007	0	1	0.8	1.16	14.1	0.011	HDPE
ZONE 235-6349	MH-6444	MH-3073	575.87	576.45	574.67	574.78	112.3	400	0.62	986.981	6.6163	3.4099	1	0.8	1.27	42.9	0.011	HDPE
ZONE 235-2244	MH-3426	MH-5799	606.55	606.59	603.95	604.31	46.9	150	0.6	130.454	1.3308	0.1615	2.3	2.45	2.13	24.5	0.011	HDPE
CO-28	MH-4682	MH-572	607.04	607	605.38	605.46	35.2	175	0.6	467.499	1.1665	0.7149	1.4	1.49	1.37	56	0.01	HDPE
CO-37	MH-5661	MH-3074	576.46	576.52	575.06	575.05	12.3	150	0.4	1,000.00	0.5287	0.4816	1.3	1.25	1.32	54.4	0.01	HDPE
CO-38	MH-3074	MH-3581	576.52	576.83	574.8	575.16	63.5	400	1.18	173.818	17.3425	2.6656	1.3	1.32	1.27	40.4	0.01	HDPE
ZONE 235-6310	MH-2253	MH-2254	575.47	575.41	574.4	574.34	12.1	150	0.6	194.387	1.0902	0.2664	0.9	0.91	0.92	34.9	0.011	HDPE
ZONE 235-6304	MH-1778	MH-4496	574.72	574.62	573.03	572.97	27.7	271	0.7	521.337	3.5456	1.5775	1.4	1.43	1.38	55.7	0.01	HDPE
ZONE 235-2228	MH-3241	MH-4497	606.72	606.74	605.74	605.72	27.7	150	0.18	1,000.00	0.4807	0.0335	0.9	0.83	0.88	18.3	0.011	HDPE
ZONE 235-3717	MH-542	MH-6561	606.8	606.9	605.29	605.88	116.4	217	0.92	195.538	3.2009	1.0861	1	1.3	0.8	41.3	0.01	HDPE
ZONE 235-2157	MH-2094	MH-2697	607.12	607.4	606.17	606.3	13.1	150	0.3	100	1.52	0.0118	0.9	0.8	0.95	6.5	0.011	HDPE
ZONE 235-2205	MH-3063	MH-3103	609.29	609.25	608.24	608.26	17.4	150	0.13	1,000.00	0.4807	0.0103	0.9	0.9	0.85	10.4	0.011	HDPE
ZONE 235-6302	MH-2707	MH-2708	574.57	574.62	573.22	573.21	15.1	150	0.4	1,000.00	0.5287	0.502	1.2	1.2	1.26	56.3	0.01	HDPE
ZONE 235-4044	MH-6572	MH-6274	571.8	569.99	570.27	569.04	123	150	0.71	100	1.52	0.2068	1.1	1.38	0.8	27	0.011	HDPE
ZONE 235-4067	MH-3117	MH-781	560.84	561.12	559.82	559.92	9.7	217	1.08	100	4.476	0.8145	0.9	0.8	0.98	36.9	0.01	HDPE
ZONE 235-2235	MH-3020	MH-3119	606.76	606.73	605.64	605.62	17.5	150	0.23	1,000.00	0.4807	0.0705	1	0.96	0.96	25.8	0.011	HDPE
ZONE 235-2139	MH-4553	MH-4554	606.56	607.08	605.61	605.89	28.3	150	0.33	100	1.52	0.017	0.9	0.8	1.04	8.5	0.011	HDPE
ZONE 235-4096	MH-4068	MH-3895	562.74	562.17	561.5	561.22	27.9	150	0.84	100	1.52	0.3721	0.9	1.09	0.8	40	0.011	HDPE
ZONE 235-6812	MH-6577	MH-5514	571.65	571.01	569.45	568.84	124.8	800	2.05	204.979	92.1846	38.0274	1.4	1.4	1.37	50.4	0.011	HDPE
ZONE 235-4832	MH-6112	MH-6586	607.83	608.1	606.3	607.15	129.8	150	0.31	152.295	1.2317	0.0221	1.1	1.39	0.8	25	0.011	HDPE
ZONE 235-2190	MH-4536	MH-938	609.43	609.44	607.5	607.63	28.2	150	0.6	204.208	1.0637	0.2867	1.7	1.79	1.66	35.3	0.011	HDPE
ZONE 235-4104	MH-1104	MH-4441	568.62	567.35	565.47	565.37	100.5	271	0.57	1,000.00	2.5601	1.7948	2.3	2.87	1.7	59.7	0.01	HDPE
ZONE 235-4834	MH-6113	MH-6593	607.47	608.1	606.21	607.15	132.8	150	0.39	141.058	1.2798	0.0401	1	1.11	0.8	29.1	0.011	HDPE
ZONE 235-2105	MH-2340	MH-2341	606.53	606.61	605.58	605.66	12.7	150	0.51	156.757	1.214	0.1147	0.8	0.8	0.8	21.8	0.011	HDPE
ZONE 235-6810	MH-5683	MH-6577	572.18	571.65	569.59	569.45	138.2	800	1.11	1,000.00	41.7362	37.507	1.6	1.79	1.4	59.2	0.011	HDPE
ZONE 235-6300	MH-2345	MH-2346	574.72	574.65	573.29	573.24	12.7	150	0.6	282.905	0.9037	0.4449	1.3	1.28	1.26	59.5	0.011	HDPE
ZONE 235-2195	MH-4017	MH-4142	609.48	609.48	608.2	608.36	28.4	150	0.6	176.212	1.1451	0.2368	1	1.13	0.97	31.9	0.011	HDPE
ZONE 235-4844	MH-6601	MH-830	606.92	606.92	605.84	605.64	140.4	217	0.6	702.96	1.6882	1.3799	1	0.86	1.06	68.3	0.01	HDPE
ZONE 235-6176	MH-3960	MH-1176	573.76	573.9	572.76	572.74	16.1	150	0.08	1,000.00	0.4807	0.002	0.9	0.86	1.01	8.2	0.011	HDPE
ZONE 235-6798	MH-6613	MH-6614	591.3	589.99	590	588.69	146.5	500	2.14	111.78	35.646	17.7966	0.8	0.8	0.8	63.6	0.011	HDPE
CO-390	MH-6560	MH-6755	560.26	559.68	556.99	556.82	174.9	900	1.21	1,000.00	57.1373	56.0299	2.2	2.36	1.96	77.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-401	MH-6760	MH-6745	555.87	555.86	554.17	554.16	3.8	900	1.95	304.751	103.5016	56.0299	0.8	0.8	0.8	52.1	0.011	HDPE
ZONE 235-2141	MH-4593	MH-4465	607.64	608.11	606.69	606.98	28.7	150	0.3	100	1.52	0.012	0.9	0.8	0.98	6.6	0.011	HDPE
ZONE 235-2088	MH-4598	MH-4485	606.4	606.36	605.33	605.36	28.8	150	0.26	1,000.00	0.4807	0.1151	0.9	0.92	0.86	27.4	0.011	HDPE
ZONE 235-2293	MH-820	MH-2544	606.51	606.74	605.2	605.24	15.2	175	0.6	481.693	1.1492	0.7524	1.2	1.14	1.33	52.2	0.01	HDPE
ZONE 235-6801	MH-6633	MH-6634	580.72	579.27	579.42	577.97	168.6	500	2.24	116.219	34.9586	23.1462	0.8	0.8	0.8	71.2	0.011	HDPE
ZONE 235-4117	MH-2393	MH-2394	563.53	563.25	562.43	562.3	13	150	0.8	100	1.52	0.3145	0.9	0.95	0.8	33.4	0.011	HDPE
ZONE 235-4087	MH-2401	MH-2402	560.31	560.24	559.11	559.04	13.1	400	1.11	215.166	15.5874	2.8203	0.8	0.8	0.8	33.2	0.01	HDPE
ZONE 235-6824	MH-6640	MH-5151	574.04	573.1	573.09	572.15	174.8	150	0.39	185.82	1.1151	0.0554	0.8	0.8	0.8	14.9	0.011	HDPE
ZONE 235-6316	MH-2411	MH-1860	575.12	575.08	574.04	574.02	13.1	150	0.4	1,000.00	0.5287	0.4683	0.9	0.93	0.9	67.8	0.01	HDPE
ZONE 235-2215	MH-5303	MH-5304	609.07	609.06	607.98	608.02	37.5	150	0.17	1,000.00	0.4807	0.0272	0.9	0.94	0.89	13.2	0.011	HDPE
ZONE 235-2257	MH-4475	MH-3806	606.67	606.67	605.65	605.61	34.5	150	0.14	1,000.00	0.4807	0.0141	0.9	0.87	0.9	12.3	0.011	HDPE
ZONE 235-2053	MH-3238	MH-3239	606.25	606.41	605.3	605.46	18.1	150	0.37	112.157	1.4353	0.0263	0.8	0.8	0.8	13.3	0.011	HDPE
ZONE 235-6782	MH-5607	MH-6428	571.99	570.04	570.48	569.09	180.8	150	0.9	129.979	1.3333	0.7015	1.1	1.36	0.8	53	0.011	HDPE
ZONE 235-6802	MH-6634	MH-6628	579.27	577.84	577.97	576.54	181.1	500	2.17	126.211	33.5463	23.3168	0.8	0.8	0.8	71.4	0.011	HDPE
ZONE 235-6804	MH-6629	MH-6650	576.62	575.83	575.32	574.53	182.3	500	1.7	229.276	24.8894	23.5582	0.8	0.8	0.8	74.2	0.011	HDPE
ZONE 235-4074	MH-782	MH-2869	561.13	561.29	560.18	560.34	16.1	150	0.42	103.106	1.497	0.0355	0.8	0.8	0.8	14.8	0.011	HDPE
ZONE 235-6272	MH-2435	MH-2436	575.68	575.75	574.73	574.8	13.3	150	0.45	204.78	1.0622	0.1014	0.8	0.8	0.8	23.4	0.011	HDPE
ZONE 235-5090	MH-4576	MH-4577	567.8	567.47	566.8	566.52	28.5	150	0.87	100	1.52	0.4289	0.8	0.85	0.8	39.3	0.011	HDPE
ZONE 235-5092	MH-5319	MH-1830	566.91	566.41	565.83	565.46	37.8	150	0.97	100	1.52	0.6385	0.9	0.92	0.8	48.6	0.011	HDPE
ZONE 235-5089	MH-5528	MH-4576	568.28	567.8	567.26	566.85	41	150	0.81	100	1.52	0.3335	0.8	0.88	0.8	34.5	0.011	HDPE
ZONE 235-5062	MH-5680	MH-962	567.39	567.07	566.44	566.12	45.4	150	0.45	144.09	1.2663	0.0713	0.8	0.8	0.8	16.5	0.011	HDPE
ZONE 235-5091	MH-4577	MH-5319	567.47	566.91	566.4	565.96	43.8	150	0.93	100	1.52	0.5352	0.9	0.92	0.8	44.2	0.011	HDPE
ZONE 235-5064	MH-6137	MH-5184	564.3	562.74	562.31	561.73	58.9	217	1.27	100	4.476	1.451	1.3	1.77	0.8	50.6	0.01	HDPE
ZONE 235-5088	MH-6153	MH-5528	568.99	568.28	567.93	567.33	59.7	150	0.68	100	1.52	0.1779	0.9	0.91	0.8	25	0.011	HDPE
ZONE 235-5947	MH-6319	MH-6283	568.09	567.18	565.67	566.23	69.8	150	0.6	125.149	1.3587	0.1551	1.5	2.27	0.8	49.3	0.011	HDPE
ZONE 235-5072	MH-3646	MH-2112	565.17	563.93	563.68	562.98	70.1	150	1.06	100	1.52	0.9281	1.1	1.34	0.8	59.8	0.011	HDPE
ZONE 235-5093	MH-1831	MH-3175	566.28	566.04	565.27	565.09	17.8	150	1	100	1.52	0.7325	0.8	0.86	0.8	52.4	0.011	HDPE
ZONE 235-5087	MH-5051	MH-1216	563.53	563.49	562.41	562.47	33.7	217	0.6	584.873	1.8508	0.999	0.9	0.91	0.8	47.4	0.01	HDPE
ZONE 235-5065	MH-5184	MH-5185	562.74	562.49	561.73	561.48	35.7	217	1.13	142.716	3.7468	1.5353	0.8	0.8	0.8	61.2	0.01	HDPE
ZONE 235-5095	MH-3175	MH-3645	566.04	565.48	564.88	564.53	34.7	150	1.03	100	1.52	0.8037	0.9	1.01	0.8	55.1	0.011	HDPE
ZONE 235-5096	MH-3645	MH-3646	565.48	565.17	564.43	564.22	21.2	150	1.05	100	1.52	0.8698	0.8	0.9	0.8	57.6	0.011	HDPE
ZONE 235-5066	MH-962	MH-6262	567.07	566.4	565.21	565.36	83.5	217	0.6	569.542	1.8756	0.9551	1.2	1.65	0.83	53.9	0.01	HDPE
ZONE 235-5057	MH-5185	MH-6472	562.49	561.73	561.48	560.71	92.4	217	1.41	120.31	4.0808	2.8737	0.8	0.8	0.8	66	0.01	HDPE
ZONE 235-5068	MH-6263	MH-6137	564.88	564.3	563.93	563.02	95	150	0.6	104.418	1.4875	0.1226	1	0.8	1.14	20.8	0.011	HDPE
ZONE 235-5085	MH-6508	MH-5051	563.25	563.53	561.98	562.41	98.5	217	0.87	229.693	2.9534	1.1051	1	1.05	0.91	44.6	0.01	HDPE
ZONE 235-5058	MH-6472	MH-6550	561.73	561.33	560.65	560.26	111.5	271	1.05	282.583	4.8159	3.1637	0.8	0.8	0.8	61.2	0.01	HDPE
ZONE 235-5063	MH-963	MH-6137	567.06	564.3	563.74	563.29	45	217	1.22	100	4.476	1.2465	2	3.11	0.8	40.9	0.01	HDPE
ZONE 235-5059	MH-6550	MH-6564	561.33	560.89	560.26	559.82	118.6	271	1.11	270.144	4.9255	3.7413	0.8	0.8	0.8	67.3	0.01	HDPE
ZONE 235-5069	MH-6599	MH-6319	570.01	568.09	568.52	567.14	138.1	150	0.68	100	1.52	0.1798	1.1	1.34	0.8	25.1	0.011	HDPE
ZONE 235-5061	MH-962	MH-963	567.07	567.06	565.21	565.1	69.4	217	0.6	640.768	1.7682	1.1539	1.7	1.65	1.74	51.1	0.01	HDPE
ZONE 235-5073	MH-2112	MH-1216	563.93	563.49	562.65	562.54	11.3	150	1.07	100	1.52	0.9679	1	1.13	0.8	61.2	0.011	HDPE
ZONE 235-5094	MH-1830	MH-1831	566.41	566.28	565.42	565.33	9.6	150	0.99	100	1.52	0.6964	0.8	0.83	0.8	51	0.011	HDPE
CO-305	MH-6262	MH-6718	566.4	566.7	565.42	565.75	100.5	150	0.38	307.275	0.8671	0.0941	0.8	0.83	0.8	24.7	0.011	HDPE
CO-306	MH-6319	MH-6262	568.09	566.4	565.67	565.42	90.2	150	0.6	368.208	0.7921	0.7196	1.5	2.27	0.83	64.6	0.011	HDPE
CO-388	MH-6564	MH-6754	560.89	560.6	559.82	559.53	80.7	271	1.11	279.46	4.8427	4.1798	0.8	0.8	0.8	71.8	0.01	HDPE
CO-389	MH-6754	MH-6560	560.6	560.26	559.53	559.18	97	271	1.12	279.46	4.8427	4.3888	0.8	0.8	0.8	69.8	0.01	HDPE
CO-438	MH-6508	MH-5185	563.25	562.49	561.98	561.48	50.7	217	1.22	100	4.476	1.2453	0.9	1.05	0.8	58.5	0.01	HDPE
CO-1	MH-5659	MH-6601	606.98	606.92	605.97	605.84	87.3	217	0.6	691.657	1.7019	1.3288	0.8	0.8	0.86	66.5	0.01	HDPE
CO-2	MH-6068	MH-6131	607.1	607	605.9	605.77	56.6	175	0.6	432.328	1.213	0.6319	1	1.02	1.05	51.1	0.01	HDPE
CO-3	MH-6530	MH-2711	606.96	606.48	606.01	605.47	103.4	150	0.22	188.817	1.1062	0.009	0.8	0.8	0.87	14.7	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 2

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-4	MH-6023	MH-5847	606.65	606.56	603.08	602.96	119.2	450	0.76	1,000.00	8.9986	8.6693	3.1	3.12	3.15	75	0.011	HDPE
CO-5	MH-5847	MH-4665	606.56	606.47	602.96	602.85	109.8	450	0.76	1,000.00	8.9986	8.863	3.2	3.15	3.16	67.4	0.011	HDPE
CO-6	MH-4665	MH-4722	606.47	606.43	602.8	602.77	37.3	500	0.79	1,000.00	11.9177	9.016	3.2	3.16	3.17	64.8	0.011	HDPE
CO-7	MH-4722	MH-5986	606.43	606.38	602.77	602.73	41.1	500	0.79	1,000.00	11.9177	9.0691	3.2	3.17	3.15	65.1	0.011	HDPE
CO-8	MH-5986	MH-4903	606.38	606.37	602.73	602.68	43.4	500	0.79	1,000.00	11.9177	9.1495	3.2	3.15	3.19	65.6	0.011	HDPE
CO-9	MH-4903	MH-4877	606.37	606.34	602.68	602.63	47.2	500	0.79	1,000.00	11.9177	9.2717	3.2	3.19	3.21	66	0.011	HDPE
CO-10	MH-4877	MH-5602	606.34	606.31	602.63	602.59	40	500	0.79	1,000.00	11.9177	9.3378	3.2	3.21	3.21	66.3	0.011	HDPE
CO-11	MH-5602	MH-6181	606.31	606.26	602.59	602.54	52.1	500	0.79	1,000.00	11.9177	9.4005	3.2	3.21	3.22	66.6	0.011	HDPE
CO-12	MH-6181	MH-6663	606.26	606.23	602.54	602.5	45.9	500	0.79	1,000.00	11.9177	9.5139	3.2	3.22	3.23	67	0.011	HDPE
CO-13	MH-6663	MH-1	606.23	606.13	602.5	602.36	131.9	500	0.8	1,000.00	11.9177	9.6451	3.2	3.23	3.27	67.1	0.011	HDPE
CO-14	MH-1	MH-2	606.13	606.6	602.36	602.15	209.8	500	0.8	1,000.00	11.9177	9.6451	3.6	3.27	3.95	67.1	0.011	HDPE
CO-23	MH-97	MH-298	608.64	608.66	607.5	607.47	27.5	150	0.24	1,000.00	0.4807	0.087	1	0.99	1.03	24	0.011	HDPE
CO-24	MH-2	MH-6765	606.6	607.1	602.15	602.05	103.4	500	0.8	1,000.00	11.9177	9.6451	4.2	3.95	4.55	67.1	0.011	HDPE
CO-25	MH-4625	MH-4139	606.97	606.85	606.02	605.59	68	150	0.2	157.374	1.2117	0.0055	1	0.8	1.11	11.2	0.011	HDPE
CO-26	MH-6163	MH-2764	606.76	606.73	604.37	604.32	48.4	400	0.66	1,000.00	6.573	4.486	2	1.99	2.01	63.2	0.011	HDPE
CO-27	MH-5716	MH-6384	606.7	606.67	605.75	605.67	77.8	150	0.18	1,000.00	0.4807	0.031	0.8	0.8	0.85	18	0.011	HDPE
CO-28	MH-4942	MH-4846	606.83	606.6	605.88	605.65	37.2	150	0.25	161.69	1.1954	0.0116	0.8	0.8	0.8	10	0.011	HDPE
CO-29	MH-5999	MH-499	606.84	606.79	605.89	605.51	85.6	150	0.24	228.199	1.0062	0.015	1	0.8	1.13	15.7	0.011	HDPE
CO-30	MH-5829	MH-3861	606.9	606.72	605.95	605.77	31	150	0.33	170.838	1.1629	0.0299	0.8	0.8	0.8	11.5	0.011	HDPE
CO-31	MH-3426	MH-10	606.55	606.54	603.65	603.61	38.5	450	0.75	1,000.00	8.9986	7.9917	2.5	2.45	2.48	71.7	0.011	HDPE
CO-32	MH-10	MH-3932	606.54	606.53	603.61	603.57	38.4	450	0.75	1,000.00	8.9986	7.9917	2.5	2.48	2.51	71.5	0.011	HDPE
CO-33	MH-2686	MH-3426	606.68	606.55	603.85	603.65	38.7	450	1.42	191.141	20.5824	7.799	2.4	2.38	2.45	59	0.011	HDPE
CO-34	MH-5537	MH-11	607.55	607.54	604.14	604.07	70.1	450	0.75	1,000.00	8.9986	7.7856	3	2.96	3.02	69.9	0.011	HDPE
CO-35	MH-11	MH-12	607.54	607.5	604.07	603.98	91	450	0.75	1,000.00	8.9986	7.7856	3	3.02	3.07	68.9	0.011	HDPE
CO-36	MH-12	MH-4330	607.5	607.42	603.98	603.93	50.6	450	0.75	1,000.00	8.9986	7.7856	3.1	3.07	3.04	67	0.011	HDPE
CO-37	MH-6400	MH-5637	607.44	607.41	605.45	604.36	175.4	271	1.12	160.465	6.3909	1.8056	2.2	1.71	2.78	49.6	0.01	HDPE
CO-38	MH-6201	MH-6023	606.75	606.65	603.69	603.36	134.9	175	0.6	410.716	1.2445	0.5858	3	2.89	3.12	44.4	0.01	HDPE

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-6672	553.45	551.75	(N/A)	(N/A)	551.75	56.98	0.52
MH-6743	553.7	552	(N/A)	(N/A)	552	56.03	0.47
MH-6763	554.14	552.44	(N/A)	(N/A)	552.44	56.03	0.47
MH-6762	554.64	552.94	(N/A)	(N/A)	552.94	56.03	0.47
MH-6761	555.25	553.55	(N/A)	(N/A)	553.55	56.03	0.47
MH-6745	555.86	554.16	(N/A)	(N/A)	554.16	56.03	0.47
MH-6760	555.87	554.17	(N/A)	(N/A)	554.17	56.03	0.47
MH-6759	556.59	554.89	(N/A)	(N/A)	554.89	56.03	0.47
MH-6758	557.11	555.41	(N/A)	(N/A)	555.41	56.03	0.47
MH-6757	557.72	556.02	(N/A)	(N/A)	556.02	56.03	0.47
MH-6728	558.2	556.37	(N/A)	(N/A)	556.37	56.03	0.51
MH-6756	559.02	556.62	(N/A)	(N/A)	556.62	56.03	0.67
MH-6755	559.68	556.82	(N/A)	(N/A)	556.82	56.03	0.69
MH-6077	559.79	557.57	558.25	(N/A)	557.57	49.95	0.64
MH-3143	559.85	558.71	558.9	(N/A)	558.71	0.33	0.06
MH-1911	559.87	558.92	(N/A)	(N/A)	558.92	0.1	0.05
MH-433	559.88	558.93	(N/A)	(N/A)	558.93	0.1	0.04
MH-1912	559.88	558.91	558.91	(N/A)	558.91	0.2	0.04
MH-3040	559.9	558.95	(N/A)	(N/A)	558.95	0.09	0.03
MH-6782	559.9	558.39	557.74	(N/A)	557.64	49	0.64
MH-3306	559.91	(N/A)	(N/A)	(N/A)	558.96	0.09	0.04
MH-5611	559.92	(N/A)	(N/A)	(N/A)	558.97	0.08	0.04
MH-5527	559.95	558.63	558.98	(N/A)	558.56	0.93	0.09
MH-5740	559.95	(N/A)	(N/A)	(N/A)	559	0.07	0.04
MH-5896	560	559.05	(N/A)	(N/A)	559.05	0.19	0.04
MH-1316	560.2	558.6	559	(N/A)	558.6	48.28	0.45
MH-1315	560.21	559.01	559.2	(N/A)	559.01	3.82	0.15
MH-2402	560.24	559.04	(N/A)	(N/A)	559.04	2.83	0.14
MH-6560	560.26	559.18	556.99	(N/A)	556.99	56.03	0.7
MH-2401	560.31	559.11	(N/A)	(N/A)	559.11	2.82	0.13
MH-6753	560.36	557.05	(N/A)	(N/A)	557.05	51.11	0.69
MH-6559	560.46	557.11	(N/A)	(N/A)	557.11	50.79	0.68
MH-6754	560.6	559.53	(N/A)	(N/A)	559.53	4.39	0.2
MH-6399	560.61	(N/A)	(N/A)	(N/A)	559.66	0.41	0.07
MH-1751	560.69	559.49	(N/A)	(N/A)	559.34	2.81	0.13
MH-4255	560.71	559.69	(N/A)	(N/A)	559.48	0.98	0.09
MH-5895	560.81	(N/A)	(N/A)	(N/A)	559.54	0.17	0.04
MH-794	560.81	559.37	(N/A)	(N/A)	559.34	0.65	0.09
MH-4252	560.82	559.87	(N/A)	(N/A)	559.87	0.03	0.02
MH-214	560.84	559.83	559.58	(N/A)	559.58	2.79	0.13
MH-213	560.84	559.77	(N/A)	(N/A)	559.64	2.75	0.13
MH-3117	560.84	559.82	(N/A)	(N/A)	559.82	0.82	0.08
MH-6564	560.89	559.82	(N/A)	(N/A)	559.82	4.18	0.19
MH-257	560.98	559.19	(N/A)	(N/A)	559.19	0.71	0.08
MH-2013	560.99	559.24	(N/A)	(N/A)	559.24	0.68	0.09
MH-781	561.12	560.1	(N/A)	(N/A)	559.92	0.81	0.08
MH-782	561.13	560.18	560.18	(N/A)	560.11	0.81	0.09
MH-2869	561.29	560.34	(N/A)	(N/A)	560.34	0.04	0.02
MH-6550	561.33	560.26	(N/A)	(N/A)	560.26	3.74	0.17
MH-3267	561.34	560.37	(N/A)	(N/A)	560.12	0.02	0.01
MH-2621	561.34	560.39	560.39	560.39	560.39	0.02	0.02
MH-2649	561.35	(N/A)	(N/A)	(N/A)	560.4	0	0.01
MH-2622	561.52	(N/A)	(N/A)	(N/A)	560.54	0	0

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4192	561.52	560.57	(N/A)	(N/A)	560.43	0.77	0.09
MH-4188	561.58	560.63	(N/A)	(N/A)	560.59	0.03	0.02
MH-4009	561.65	560.58	560.7	(N/A)	560.13	2.73	0.14
MH-6472	561.73	560.71	(N/A)	(N/A)	560.65	3.16	0.16
MH-3371	561.75	(N/A)	(N/A)	(N/A)	560.58	0	0.01
MH-4222	561.88	(N/A)	(N/A)	(N/A)	560.88	0.02	0.01
MH-130	561.9	560.87	(N/A)	(N/A)	560.87	0.45	0.07
MH-129	561.9	560.95	560.87	(N/A)	560.87	0.45	0.07
MH-3896	561.94	560.99	(N/A)	(N/A)	560.99	0.39	0.07
MH-4402	561.95	561	(N/A)	(N/A)	560.84	0.75	0.09
MH-3895	562.17	561.22	(N/A)	(N/A)	561.22	0.39	0.06
MH-726	562.35	561.4	(N/A)	(N/A)	561.4	0.04	0.02
MH-725	562.35	561.4	561.4	(N/A)	561.18	0.05	0.02
MH-4209	562.43	(N/A)	(N/A)	(N/A)	561.48	0.01	0.01
MH-2927	562.48	561.53	(N/A)	(N/A)	561.33	0.69	0.08
MH-5185	562.49	561.48	561.48	(N/A)	561.48	2.87	0.15
MH-2928	562.61	561.66	(N/A)	(N/A)	561.66	0.18	0.04
MH-4068	562.74	561.79	(N/A)	(N/A)	561.5	0.37	0.06
MH-5184	562.74	561.73	(N/A)	(N/A)	561.73	1.54	0.11
MH-3626	562.96	(N/A)	(N/A)	(N/A)	561.87	0.15	0.04
MH-5204	563.04	(N/A)	(N/A)	(N/A)	561.75	0.03	0.02
MH-6508	563.25	561.98	(N/A)	(N/A)	561.98	1.25	0.1
MH-2394	563.25	562.3	(N/A)	(N/A)	562.03	0.34	0.06
MH-487	563.28	562.33	562.2	(N/A)	561.39	2.22	0.13
MH-933	563.31	562.24	(N/A)	(N/A)	562.24	2.1	0.17
MH-1216	563.49	562.54	(N/A)	(N/A)	562.47	1	0.11
MH-2393	563.53	562.58	(N/A)	(N/A)	562.43	0.31	0.05
MH-5051	563.53	562.41	(N/A)	(N/A)	562.41	1.11	0.09
MH-6395	563.72	(N/A)	(N/A)	(N/A)	562.77	0.02	0.01
MH-2112	563.93	562.98	(N/A)	(N/A)	562.65	0.97	0.1
MH-6137	564.3	563.29	563.02	(N/A)	562.31	1.45	0.11
MH-5718	564.58	563.63	563.63	(N/A)	563.02	0.26	0.05
MH-5721	564.77	(N/A)	(N/A)	(N/A)	563.82	0.04	0.02
MH-6263	564.88	(N/A)	(N/A)	(N/A)	563.93	0.12	0.03
MH-6666	565.11	564.04	563.51	(N/A)	561.54	43.4	0.43
MH-3646	565.17	564.22	(N/A)	(N/A)	563.68	0.93	0.1
MH-3645	565.48	564.53	(N/A)	(N/A)	564.43	0.87	0.09
MH-6584	565.5	564.34	(N/A)	(N/A)	564.34	1.93	0.12
MH-3795	565.84	564.77	(N/A)	(N/A)	562.83	1.99	0.12
MH-3175	566.04	565.09	(N/A)	(N/A)	564.88	0.8	0.09
MH-1831	566.28	565.33	(N/A)	(N/A)	565.27	0.73	0.08
MH-6262	566.4	565.42	565.42	(N/A)	565.36	0.96	0.11
MH-1830	566.41	565.46	(N/A)	(N/A)	565.42	0.7	0.08
MH-5404	566.45	(N/A)	(N/A)	(N/A)	565.5	0.14	0.04
MH-2684	566.55	565.28	(N/A)	(N/A)	565	1.91	0.12
MH-6718	566.7	(N/A)	(N/A)	(N/A)	565.75	0.09	0.03
MH-4348	566.87	564.95	(N/A)	(N/A)	564.95	0.21	0.04
MH-2683	566.88	565.3	(N/A)	(N/A)	565.3	1.88	0.15
MH-5319	566.91	565.96	(N/A)	(N/A)	565.83	0.64	0.08
MH-5377	567.05	566.1	(N/A)	(N/A)	566.1	0.28	0.05
MH-963	567.06	565.1	(N/A)	(N/A)	563.74	1.25	0.1
MH-4347	567.06	565.16	(N/A)	(N/A)	565.16	0.16	0.04
MH-962	567.07	566.12	565.21	(N/A)	565.21	1.15	0.13

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4442	567.15	565.34	(N/A)	(N/A)	565.34	1.86	0.16
MH-6283	567.18	(N/A)	(N/A)	(N/A)	566.23	0.16	0.04
MH-6543	567.19	(N/A)	(N/A)	(N/A)	564.73	0.08	0.03
MH-4441	567.35	565.37	(N/A)	(N/A)	565.37	1.84	0.16
MH-5680	567.39	(N/A)	(N/A)	(N/A)	566.44	0.07	0.03
MH-4577	567.47	566.52	(N/A)	(N/A)	566.4	0.54	0.07
MH-4691	567.5	564.47	(N/A)	(N/A)	564.47	1.77	0.16
MH-5376	567.59	(N/A)	(N/A)	(N/A)	566.48	0.1	0.03
MH-413	567.67	564.63	565.7	(N/A)	564.5	1.54	0.15
MH-414	567.67	565.7	(N/A)	(N/A)	565.7	1.33	0.11
MH-6007	567.68	(N/A)	(N/A)	(N/A)	566.73	0.12	0.03
MH-4576	567.8	566.85	(N/A)	(N/A)	566.8	0.43	0.06
MH-1021	568.01	565.8	566.99	(N/A)	565.73	1.31	0.13
MH-1022	568.05	567.03	(N/A)	(N/A)	567.02	1.09	0.09
MH-6319	568.09	567.14	565.67	(N/A)	565.67	0.72	0.11
MH-5528	568.28	567.33	(N/A)	(N/A)	567.26	0.33	0.06
MH-6008	568.45	566.2	(N/A)	(N/A)	566.2	0.22	0.04
MH-6427	568.58	(N/A)	(N/A)	(N/A)	567.63	0.11	0.05
MH-1104	568.62	565.47	(N/A)	(N/A)	565.47	1.79	0.16
MH-461	568.68	567.3	565.63	(N/A)	565.51	1.68	0.16
MH-6153	568.99	(N/A)	(N/A)	(N/A)	567.93	0.18	0.04
MH-4390	569.03	567.35	(N/A)	(N/A)	567.35	1.34	0.14
MH-6064	569.45	567.95	(N/A)	(N/A)	567.95	1.04	0.09
MH-5248	569.69	568.71	(N/A)	(N/A)	568.71	0.43	0.07
MH-6491	569.81	568.21	(N/A)	(N/A)	566.52	40.11	0.41
MH-5249	569.82	568.87	(N/A)	(N/A)	568.87	0.33	0.06
MH-6274	569.99	569.04	568.48	(N/A)	568.45	0.76	0.1
MH-6599	570.01	(N/A)	(N/A)	(N/A)	568.52	0.18	0.04
MH-6428	570.04	567.54	569.09	(N/A)	567.48	1.2	0.13
MH-6351	570.15	568.3	(N/A)	(N/A)	568.26	0.89	0.1
MH-6065	570.29	568.1	(N/A)	(N/A)	568.1	0.93	0.09
MH-2423	570.65	569.7	(N/A)	(N/A)	569.7	0.23	0.05
MH-2424	570.82	569.87	(N/A)	(N/A)	569.83	0.12	0.03
MH-5513	570.95	569.59	(N/A)	(N/A)	569.57	0.62	0.09
MH-5514	571.01	568.84	569.47	(N/A)	568.84	39.3	0.41
MH-5402	571.06	(N/A)	(N/A)	(N/A)	570.11	0.33	0.06
MH-5314	571.2	569.64	(N/A)	(N/A)	569.64	0.49	0.11
MH-5403	571.22	569.93	(N/A)	(N/A)	569.93	0.39	0.07
MH-5313	571.37	569.77	(N/A)	(N/A)	569.77	0.44	0.07
MH-5095	571.39	(N/A)	(N/A)	(N/A)	570.21	0.07	0.03
MH-6294	571.55	(N/A)	(N/A)	(N/A)	570.6	0.11	0.05
MH-6577	571.65	569.45	(N/A)	(N/A)	569.45	38.03	0.4
MH-6572	571.8	(N/A)	(N/A)	(N/A)	570.27	0.21	0.04
MH-4812	571.84	570.53	570.53	(N/A)	570.53	0.19	0.04
MH-4813	571.97	570.33	570.3	(N/A)	570.26	0.87	0.1
MH-5607	571.99	570.48	(N/A)	(N/A)	570.48	0.7	0.08
MH-6551	572	(N/A)	(N/A)	(N/A)	571.05	0	0
MH-5683	572.18	570.78	570.18	(N/A)	569.59	37.51	0.55
MH-6382	572.31	570.98	(N/A)	(N/A)	570.98	0.62	0.07
MH-5694	572.33	(N/A)	(N/A)	(N/A)	571.38	0.19	0.04
MH-5329	572.34	570.94	(N/A)	(N/A)	570.94	36.42	0.46
MH-4642	572.42	571.47	(N/A)	(N/A)	571.47	0.07	0.04
MH-405	572.49	571.08	(N/A)	(N/A)	571.08	0.23	0.05

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3214	572.54	571.59	(N/A)	(N/A)	571.59	0.03	0.02
MH-5328	572.54	571.14	(N/A)	(N/A)	571.14	36.38	0.43
MH-3215	572.6	571.65	(N/A)	(N/A)	571.65	0.01	0.01
MH-6779	572.65	571.1	(N/A)	(N/A)	571.08	0.55	0.08
MH-5476	572.74	571.41	(N/A)	(N/A)	571.41	0.11	0.03
MH-4765	572.76	(N/A)	(N/A)	(N/A)	571.81	0.01	0.01
MH-5706	572.77	(N/A)	(N/A)	(N/A)	571.82	0	0
MH-5178	572.92	571.18	571.18	(N/A)	571.18	0.51	0.11
MH-4319	572.98	571.77	572.03	(N/A)	571.77	0	0.01
MH-4175	573.01	(N/A)	(N/A)	(N/A)	572.06	0.01	0.01
MH-5151	573.1	571.32	572.15	(N/A)	571.32	0.36	0.06
MH-5247	573.1	(N/A)	(N/A)	(N/A)	572.15	0	0.01
MH-4176	573.11	572.03	571.75	(N/A)	571.75	0.01	0.01
MH-5770	573.15	571.85	571.85	(N/A)	571.75	36.27	0.42
MH-1614	573.22	571.5	(N/A)	(N/A)	571.5	0.28	0.05
MH-1613	573.26	571.54	571.54	(N/A)	571.54	0.26	0.05
MH-5353	573.3	(N/A)	(N/A)	(N/A)	572.35	0	0.01
MH-5769	573.31	572.01	(N/A)	(N/A)	572.01	11.93	0.26
MH-4329	573.38	571.72	(N/A)	(N/A)	571.72	0.24	0.05
MH-1730	573.47	572.31	571.88	(N/A)	571.88	0.21	0.04
MH-1729	573.5	571.94	(N/A)	(N/A)	571.94	0.2	0.04
MH-5957	573.5	572.2	(N/A)	(N/A)	572.2	11.84	0.26
MH-5956	573.59	572.29	572.64	(N/A)	572.29	11.77	0.31
MH-4814	573.68	572.3	(N/A)	(N/A)	572.3	0.18	0.04
MH-6781	573.7	572.4	(N/A)	(N/A)	572.4	11.62	0.33
MH-3959	573.73	(N/A)	(N/A)	(N/A)	572.78	0	0
MH-3960	573.76	572.76	(N/A)	(N/A)	572.76	0	0.01
MH-6780	573.83	572.53	572.88	(N/A)	572.53	24.26	0.36
MH-4282	573.83	572.55	572.88	(N/A)	572.55	0.18	0.04
MH-2043	573.85	572.62	572.57	(N/A)	572.52	11.34	0.33
MH-3045	573.88	572.93	(N/A)	(N/A)	572.93	0.01	0.01
MH-2042	573.89	572.69	(N/A)	(N/A)	572.69	4.06	0.15
MH-1176	573.9	572.74	(N/A)	(N/A)	572.74	0.01	0.02
MH-1177	573.92	572.72	572.72	572.72	572.72	0.13	0.03
MH-4638	573.93	572.61	(N/A)	(N/A)	572.61	7	0.28
MH-6256	573.93	572.98	(N/A)	(N/A)	572.98	0.03	0.02
MH-3044	573.94	(N/A)	(N/A)	(N/A)	572.99	0.01	0.01
MH-4281	573.95	573	(N/A)	(N/A)	573	0.03	0.02
MH-4309	573.99	572.68	(N/A)	(N/A)	572.63	6.72	0.28
MH-6640	574.04	(N/A)	(N/A)	(N/A)	573.09	0.06	0.02
MH-5084	574.08	(N/A)	(N/A)	(N/A)	573.13	0.01	0.01
MH-2482	574.1	573.15	572.71	(N/A)	572.71	6.5	0.27
MH-5453	574.14	(N/A)	(N/A)	(N/A)	573.19	0.02	0.01
MH-2483	574.16	572.72	(N/A)	(N/A)	572.72	6.37	0.28
MH-4845	574.17	573.22	(N/A)	(N/A)	573.22	0.01	0.01
MH-4449	574.17	(N/A)	(N/A)	(N/A)	573.15	1.03	0.11
MH-1026	574.21	573.26	(N/A)	(N/A)	573.26	0.09	0.03
MH-1025	574.23	573.28	(N/A)	(N/A)	573.28	0.09	0.03
MH-2228	574.23	573.03	(N/A)	(N/A)	573.03	4.05	0.15
MH-5733	574.24	573.08	(N/A)	(N/A)	573.08	0.02	0.02
MH-4120	574.27	573.25	573.1	(N/A)	572.92	3.18	0.24
MH-4844	574.29	(N/A)	(N/A)	(N/A)	573.34	0	0
MH-2227	574.29	573.09	(N/A)	(N/A)	573.09	4.04	0.15

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1120	574.3	573.35	(N/A)	(N/A)	573.35	0.08	0.03
MH-1119	574.32	573.37	(N/A)	(N/A)	573.37	0.06	0.03
MH-5323	574.33	573.38	(N/A)	(N/A)	573.38	0.11	0.03
MH-5922	574.35	572.77	(N/A)	(N/A)	572.77	6.29	0.29
MH-1180	574.35	573.4	(N/A)	(N/A)	573.4	0.05	0.02
MH-1179	574.35	573.4	(N/A)	(N/A)	573.4	0.04	0.03
MH-4119	574.42	573.41	(N/A)	(N/A)	573.41	2.05	0.13
MH-4978	574.45	573.25	(N/A)	(N/A)	573.25	4.04	0.15
MH-3937	574.45	573.5	(N/A)	(N/A)	573.5	0.04	0.02
MH-5610	574.46	573.16	(N/A)	(N/A)	573.16	24.16	0.36
MH-4968	574.47	573.52	(N/A)	(N/A)	573.52	0.07	0.04
MH-5132	574.5	573.55	(N/A)	(N/A)	573.55	0.06	0.04
MH-5088	574.53	572.88	(N/A)	(N/A)	572.88	3.26	0.27
MH-4969	574.55	573.48	(N/A)	(N/A)	573.48	0.09	0.03
MH-3598	574.55	573.6	(N/A)	(N/A)	573.6	0.02	0.02
MH-2707	574.57	573.22	(N/A)	(N/A)	573.22	0.5	0.1
MH-4977	574.6	573.65	573.4	(N/A)	573.4	4.03	0.16
MH-2806	574.6	573.39	(N/A)	(N/A)	573.39	0.4	0.07
MH-5497	574.6	573.63	(N/A)	(N/A)	573.58	2.02	0.13
MH-4496	574.62	572.97	573.67	572.84	572.84	6.18	0.3
MH-2708	574.62	573.21	(N/A)	(N/A)	573.18	0.54	0.08
MH-3597	574.63	573.68	(N/A)	(N/A)	573.68	0.01	0.01
MH-2346	574.65	573.24	(N/A)	(N/A)	573.24	0.47	0.1
MH-2086	574.67	573.46	(N/A)	(N/A)	573.46	0.34	0.06
MH-2085	574.69	573.51	(N/A)	(N/A)	573.51	0.31	0.06
MH-4146	574.69	573.74	(N/A)	(N/A)	573.74	0.01	0.01
MH-2345	574.72	573.29	(N/A)	(N/A)	573.29	0.44	0.08
MH-5609	574.72	573.42	(N/A)	(N/A)	573.42	24.12	0.36
MH-1778	574.72	573.12	573.71	(N/A)	573.03	1.58	0.14
MH-2338	574.75	573.58	(N/A)	(N/A)	573.58	0.27	0.05
MH-5234	574.75	573.8	573.55	(N/A)	573.55	4.02	0.15
MH-1777	574.77	573.75	(N/A)	(N/A)	573.75	1.02	0.09
MH-5255	574.79	(N/A)	(N/A)	(N/A)	573.84	0	0.01
MH-2172	574.8	573.79	(N/A)	(N/A)	573.79	1	0.1
MH-4147	574.81	573.86	(N/A)	(N/A)	573.86	0	0.01
MH-1809	574.81	573.67	(N/A)	(N/A)	573.67	0.23	0.05
MH-6436	574.82	(N/A)	(N/A)	(N/A)	573.87	0.05	0.02
MH-5112	574.84	573.89	(N/A)	(N/A)	573.89	1.28	0.12
MH-1808	574.85	573.73	(N/A)	(N/A)	573.73	0.2	0.04
MH-5870	574.92	(N/A)	(N/A)	(N/A)	573.97	0.02	0.01
MH-4063	574.93	573.85	(N/A)	(N/A)	573.85	0.96	0.1
MH-4688	574.95	(N/A)	(N/A)	(N/A)	573.97	0	0
MH-4437	574.99	574.04	(N/A)	(N/A)	574.04	0.14	0.04
MH-160	575.02	573.89	(N/A)	(N/A)	573.89	0.9	0.1
MH-159	575.02	573.96	573.93	(N/A)	573.89	0.87	0.1
MH-1860	575.08	574.02	(N/A)	(N/A)	574.02	0.5	0.1
MH-1428	575.08	574.01	(N/A)	(N/A)	574.01	0.52	0.09
MH-1297	575.09	574.14	(N/A)	(N/A)	574.14	0.07	0.03
MH-1429	575.09	574.01	(N/A)	(N/A)	573.98	0.55	0.08
MH-1031	575.11	574.16	(N/A)	(N/A)	574.16	0.03	0.02
MH-2411	575.12	574.04	(N/A)	(N/A)	574.04	0.47	0.1
MH-1030	575.12	574.17	(N/A)	(N/A)	574.17	0.03	0.02
MH-2039	575.15	573.9	573.65	(N/A)	573.65	4	0.21

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2156	575.17	(N/A)	(N/A)	(N/A)	574.22	0.02	0.01
MH-2038	575.19	573.97	(N/A)	(N/A)	573.97	0.24	0.05
MH-3614	575.19	574.11	(N/A)	(N/A)	574.11	0.43	0.07
MH-926	575.24	574.15	(N/A)	(N/A)	574.15	0.3	0.05
MH-925	575.25	574.16	(N/A)	(N/A)	574.16	0.26	0.05
MH-3118	575.25	574.06	(N/A)	(N/A)	574.06	0.24	0.05
MH-2640	575.26	574.31	(N/A)	(N/A)	574.31	1.12	0.11
MH-968	575.3	(N/A)	(N/A)	(N/A)	574.35	0.04	0.02
MH-967	575.31	574.26	574.35	(N/A)	574.26	0.36	0.06
MH-3630	575.36	574.41	574.21	(N/A)	574.21	0.24	0.05
MH-2639	575.36	574.41	(N/A)	(N/A)	574.41	0.9	0.09
MH-3324	575.37	574.33	(N/A)	(N/A)	574.33	0.23	0.05
MH-1354	575.37	574.29	(N/A)	(N/A)	574.29	0.2	0.04
MH-5925	575.38	574.43	(N/A)	(N/A)	574.4	1.63	0.12
MH-1353	575.4	574.2	574.24	(N/A)	573.99	3.75	0.15
MH-2254	575.41	574.34	(N/A)	(N/A)	574.34	0.3	0.05
MH-6443	575.43	574.23	(N/A)	(N/A)	574.23	3.54	0.14
MH-3629	575.43	574.48	(N/A)	(N/A)	574.48	0.01	0.01
MH-1270	575.44	574.47	(N/A)	(N/A)	574.47	0.17	0.04
MH-2253	575.47	574.4	(N/A)	(N/A)	574.4	0.27	0.05
MH-1269	575.47	574.52	(N/A)	(N/A)	574.52	0.13	0.03
MH-3424	575.48	574.53	(N/A)	(N/A)	574.53	0.85	0.09
MH-1193	575.51	574.56	(N/A)	(N/A)	574.56	0.11	0.03
MH-1192	575.54	574.59	(N/A)	(N/A)	574.59	0.1	0.03
MH-4464	575.54	(N/A)	(N/A)	(N/A)	574.59	0.01	0.01
MH-6204	575.55	574.49	(N/A)	(N/A)	574.49	0.22	0.05
MH-4077	575.6	574.55	(N/A)	(N/A)	574.55	0.22	0.05
MH-2285	575.61	574.66	574.66	(N/A)	574.66	0.77	0.09
MH-3915	575.66	(N/A)	(N/A)	(N/A)	574.71	0.06	0.02
MH-2435	575.68	574.73	(N/A)	(N/A)	574.73	0.17	0.04
MH-2284	575.68	574.73	(N/A)	(N/A)	574.73	0.12	0.03
MH-4774	575.72	574.77	(N/A)	(N/A)	574.77	0.86	0.09
MH-2477	575.72	574.73	(N/A)	(N/A)	574.73	0.17	0.04
MH-2436	575.75	574.8	(N/A)	(N/A)	574.8	0.1	0.03
MH-4346	575.76	574.73	(N/A)	(N/A)	574.73	0.61	0.1
MH-3287	575.79	574.84	(N/A)	(N/A)	574.84	0.08	0.03
MH-2476	575.8	574.85	(N/A)	(N/A)	574.85	0.14	0.04
MH-6650	575.83	574.88	574.53	(N/A)	574.53	24.08	0.36
MH-6205	575.83	(N/A)	(N/A)	(N/A)	574.88	0.21	0.04
MH-3286	575.86	(N/A)	(N/A)	(N/A)	574.91	0.04	0.02
MH-6444	575.87	574.67	(N/A)	(N/A)	574.67	3.51	0.14
MH-3233	575.89	574.86	(N/A)	(N/A)	574.86	0.35	0.06
MH-3955	575.9	574.95	574.95	(N/A)	574.95	0.5	0.09
MH-4773	575.92	574.97	(N/A)	(N/A)	574.97	0.61	0.08
MH-2119	575.95	575	(N/A)	(N/A)	575	0.09	0.03
MH-2894	575.96	574.96	(N/A)	(N/A)	574.96	0.25	0.05
MH-3954	575.98	575.03	(N/A)	(N/A)	575.03	0.03	0.02
MH-2118	576.01	(N/A)	(N/A)	(N/A)	575.06	0.03	0.02
MH-2893	576.02	575.07	(N/A)	(N/A)	575.07	0.18	0.04
MH-2011	576.09	575.14	(N/A)	(N/A)	575.14	0.11	0.03
MH-4941	576.1	575.15	575.15	(N/A)	575.15	0.47	0.07
MH-2010	576.13	(N/A)	(N/A)	(N/A)	575.18	0.05	0.02
MH-5712	576.16	575.21	(N/A)	(N/A)	575.21	0.03	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4940	576.23	575.28	(N/A)	(N/A)	575.28	0.02	0.01
MH-4780	576.24	(N/A)	(N/A)	(N/A)	575.29	0.07	0.03
MH-5660	576.25	575.22	(N/A)	(N/A)	575.22	0.41	0.07
MH-4584	576.39	575.44	(N/A)	(N/A)	575.44	0.02	0.01
MH-6110	576.41	(N/A)	(N/A)	(N/A)	575.46	0.38	0.06
MH-5655	576.42	575.47	(N/A)	(N/A)	575.47	0.01	0.01
MH-5940	576.43	(N/A)	(N/A)	(N/A)	575.48	0.27	0.05
MH-3073	576.45	574.78	(N/A)	(N/A)	574.78	3.41	0.2
MH-5661	576.46	575.06	(N/A)	(N/A)	575.06	0.48	0.1
MH-5198	576.5	575.54	575.54	(N/A)	575.54	0.45	0.07
MH-4583	576.52	(N/A)	(N/A)	(N/A)	575.57	0.01	0.01
MH-3074	576.52	575.05	574.8	(N/A)	574.8	3.3	0.2
MH-5654	576.6	(N/A)	(N/A)	(N/A)	575.65	0.01	0.01
MH-6629	576.62	575.32	(N/A)	(N/A)	575.32	23.56	0.38
MH-5197	576.63	575.68	(N/A)	(N/A)	575.68	0.04	0.02
MH-5038	576.7	575.75	(N/A)	(N/A)	575.75	0.3	0.05
MH-6109	576.72	(N/A)	(N/A)	(N/A)	575.77	0.4	0.07
MH-3582	576.76	575.31	(N/A)	(N/A)	575.31	2.42	0.18
MH-5037	576.83	575.88	(N/A)	(N/A)	575.88	0.06	0.03
MH-3581	576.83	575.29	(N/A)	(N/A)	575.16	2.67	0.12
MH-5259	576.84	575.89	(N/A)	(N/A)	575.89	0.03	0.02
MH-5241	577	576.05	(N/A)	(N/A)	576.05	0.03	0.02
MH-4680	577.05	576.07	575.49	(N/A)	575.37	2.23	0.19
MH-4167	577.12	576.17	(N/A)	(N/A)	576.17	0.05	0.02
MH-5240	577.17	576.22	(N/A)	(N/A)	576.22	0.02	0.02
MH-4679	577.18	576.2	(N/A)	(N/A)	576.2	1.58	0.13
MH-4166	577.24	576.29	(N/A)	(N/A)	576.29	0.04	0.02
MH-5796	577.41	576.46	(N/A)	(N/A)	576.43	1.38	0.11
MH-6001	577.43	(N/A)	(N/A)	(N/A)	576.48	0.02	0.01
MH-6034	577.51	(N/A)	(N/A)	(N/A)	576.56	0.03	0.02
MH-6265	577.84	576.89	(N/A)	(N/A)	576.89	0.92	0.1
MH-6628	577.84	576.54	(N/A)	(N/A)	576.54	23.46	0.36
MH-5575	578.23	577.28	(N/A)	(N/A)	577.28	0.63	0.08
MH-5137	578.5	577.55	(N/A)	(N/A)	577.55	0.5	0.07
MH-4269	578.7	577.75	(N/A)	(N/A)	577.75	0.27	0.05
MH-4042	578.78	577.82	(N/A)	(N/A)	577.82	0.1	0.04
MH-4041	578.79	(N/A)	(N/A)	(N/A)	577.84	0.06	0.04
MH-6634	579.27	577.97	(N/A)	(N/A)	577.97	23.32	0.36
MH-6633	580.72	579.42	(N/A)	(N/A)	579.42	23.15	0.36
MH-6665	583.06	581.76	(N/A)	(N/A)	581.76	22.72	0.35
MH-6614	589.99	588.69	(N/A)	(N/A)	588.69	19.58	0.33
MH-6613	591.3	590	(N/A)	(N/A)	590	17.8	0.31
MH-6664	592.7	591.4	(N/A)	(N/A)	591.4	17.15	0.3
MH-6643	594.05	592.75	(N/A)	(N/A)	592.75	16.64	0.3
MH-6642	595.34	594.04	(N/A)	(N/A)	594.04	16.48	0.3
MH-6668	596.71	595.41	(N/A)	(N/A)	595.41	15.47	0.29
MH-6608	598.45	597.15	(N/A)	(N/A)	597.15	12.15	0.25
MH-6607	599.46	598.16	(N/A)	(N/A)	598.16	11.31	0.24
MH-6637	600.63	599.33	(N/A)	(N/A)	599.33	11.09	0.24
MH-6636	602.67	601.04	(N/A)	(N/A)	601.04	10.71	0.24
MH-6768	603.5	601.37	(N/A)	(N/A)	601.37	10.02	0.34
MH-6767	605.4	601.65	(N/A)	(N/A)	601.65	9.65	0.34
MH-1	606.13	602.36	(N/A)	(N/A)	602.36	9.65	0.34

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-6182	606.19	605.24	(N/A)	(N/A)	605.24	0.1	0.05
MH-6217	606.2	605.25	(N/A)	(N/A)	605.25	0.06	0.04
MH-991	606.22	605.02	604.79	(N/A)	604.79	3.57	0.23
MH-6663	606.23	602.5	605.28	(N/A)	602.5	9.65	0.34
MH-3238	606.25	605.3	(N/A)	(N/A)	605.3	0.03	0.02
MH-5901	606.25	605.3	(N/A)	(N/A)	605.3	0.04	0.03
MH-3678	606.25	605.3	603.97	(N/A)	603.95	0.57	0.08
MH-5603	606.26	605.25	(N/A)	(N/A)	605.25	0.04	0.03
MH-6181	606.26	602.54	605.16	(N/A)	602.54	9.51	0.33
MH-3196	606.26	605.27	(N/A)	(N/A)	605.27	0.03	0.03
MH-914	606.26	604.78	604.96	(N/A)	604.78	4.4	0.24
MH-5980	606.27	605.32	(N/A)	(N/A)	605.32	0.09	0.04
MH-3182	606.28	605.25	(N/A)	(N/A)	605.25	0.03	0.03
MH-3181	606.3	605.23	(N/A)	(N/A)	605.23	0.03	0.03
MH-5602	606.31	602.59	605.2	(N/A)	602.59	9.4	0.33
MH-4770	606.31	605.36	(N/A)	(N/A)	605.36	0.02	0.02
MH-5730	606.32	605.37	(N/A)	(N/A)	605.37	0.08	0.04
MH-6492	606.32	605.13	605.06	(N/A)	605.06	0.83	0.1
MH-4904	606.33	605.27	(N/A)	(N/A)	605.27	0.09	0.04
MH-4486	606.33	605.38	(N/A)	(N/A)	605.38	0.11	0.05
MH-4955	606.33	605.08	(N/A)	(N/A)	605.08	0.81	0.1
MH-4877	606.34	602.63	605.2	(N/A)	602.63	9.34	0.33
MH-4981	606.36	605.32	(N/A)	(N/A)	605.32	0.03	0.02
MH-4485	606.36	605.36	(N/A)	(N/A)	605.36	0.12	0.05
MH-4903	606.37	602.68	605.23	(N/A)	602.68	9.27	0.33
MH-5986	606.38	602.73	605.28	(N/A)	602.73	9.15	0.33
MH-171	606.39	605.44	604.48	(N/A)	604.48	0.3	0.05
MH-2644	606.39	605.11	(N/A)	(N/A)	605.11	0.14	0.04
MH-4598	606.4	605.33	(N/A)	(N/A)	605.33	0.12	0.03
MH-4723	606.4	605.29	(N/A)	(N/A)	605.29	0.03	0.02
MH-5460	606.4	605.45	(N/A)	(N/A)	605.45	0.07	0.03
MH-3239	606.41	605.46	(N/A)	(N/A)	605.46	0.03	0.02
MH-2643	606.41	604.98	(N/A)	(N/A)	604.98	0.14	0.04
MH-4666	606.43	605.03	(N/A)	(N/A)	605.03	0.12	0.03
MH-3260	606.43	604.82	(N/A)	(N/A)	604.82	0.15	0.04
MH-4722	606.43	602.77	605.24	(N/A)	602.77	9.07	0.32
MH-1970	606.44	605.14	(N/A)	(N/A)	605.14	0.81	0.1
MH-565	606.44	603.99	605.49	(N/A)	603.99	0.5	0.1
MH-6545	606.46	(N/A)	(N/A)	(N/A)	605.51	0.22	0.05
MH-2710	606.46	605.28	(N/A)	(N/A)	605.28	0.13	0.04
MH-3200	606.46	603.44	(N/A)	(N/A)	603.44	8.03	0.31
MH-4665	606.47	602.85	604.64	(N/A)	602.8	9.02	0.32
MH-4641	606.47	604.57	(N/A)	(N/A)	604.57	0.15	0.04
MH-2967	606.48	603.47	(N/A)	(N/A)	603.47	8.03	0.31
MH-2711	606.48	605.47	605.47	(N/A)	605.47	0.13	0.03
MH-3199	606.49	603.42	(N/A)	(N/A)	603.42	8.04	0.31
MH-4970	606.5	604.89	(N/A)	(N/A)	604.89	2.84	0.18
MH-2977	606.5	603.4	(N/A)	(N/A)	603.4	8.04	0.3
MH-4640	606.51	605.56	604.33	(N/A)	604.33	0.17	0.04
MH-3862	606.51	605.56	(N/A)	(N/A)	605.56	0.06	0.02
MH-820	606.51	605.23	605.2	(N/A)	605.16	0.8	0.09
MH-2976	606.52	603.38	(N/A)	(N/A)	603.38	8.05	0.29
MH-3932	606.53	603.57	605.58	(N/A)	603.57	8.02	0.32

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2340	606.53	605.58	(N/A)	(N/A)	605.58	0.12	0.03
MH-5448	606.54	603.52	(N/A)	(N/A)	603.52	8.02	0.32
MH-4303	606.54	605.59	(N/A)	(N/A)	605.59	0.11	0.03
MH-10	606.54	603.61	(N/A)	(N/A)	603.61	7.99	0.32
MH-2968	606.54	603.48	(N/A)	(N/A)	603.48	8.03	0.32
MH-3426	606.55	603.65	605.6	603.95	603.65	7.99	0.32
MH-4553	606.56	605.61	(N/A)	(N/A)	605.61	0.02	0.01
MH-5847	606.56	602.96	603.98	(N/A)	602.96	8.86	0.33
MH-3425	606.58	605.63	(N/A)	(N/A)	605.63	0.03	0.02
MH-5996	606.59	603.33	(N/A)	(N/A)	603.33	8.06	0.21
MH-5799	606.59	604.31	(N/A)	(N/A)	604.31	0.16	0.04
MH-6766	606.59	601.92	(N/A)	(N/A)	601.92	9.65	0.34
MH-6171	606.59	605.36	(N/A)	(N/A)	605.36	0.72	0.08
MH-4846	606.6	605.65	(N/A)	(N/A)	605.65	0.02	0.02
MH-6469	606.6	(N/A)	(N/A)	(N/A)	605.65	0.03	0.02
MH-2	606.6	602.15	(N/A)	(N/A)	602.15	9.65	0.34
MH-2341	606.61	605.66	(N/A)	(N/A)	605.66	0.11	0.03
MH-3836	606.61	605.66	(N/A)	(N/A)	605.66	0.02	0.02
MH-3066	606.62	605.67	(N/A)	(N/A)	605.67	0.02	0.01
MH-5800	606.62	604.68	(N/A)	(N/A)	604.68	0.16	0.04
MH-3835	606.64	605.69	(N/A)	(N/A)	605.69	0.02	0.02
MH-6191	606.64	(N/A)	(N/A)	(N/A)	605.69	0.01	0.01
MH-6354	606.65	605.7	(N/A)	(N/A)	605.7	0.02	0.01
MH-6385	606.65	605.59	(N/A)	(N/A)	605.59	0.05	0.02
MH-6023	606.65	603.36	603.08	(N/A)	603.08	8.67	0.34
MH-3109	606.67	(N/A)	(N/A)	(N/A)	605.72	0	0.01
MH-3806	606.67	605.61	(N/A)	(N/A)	605.61	0.02	0.02
MH-2368	606.67	605.68	(N/A)	(N/A)	605.68	0.01	0.01
MH-2367	606.67	605.69	(N/A)	(N/A)	605.69	0	0.01
MH-4469	606.67	604.75	(N/A)	(N/A)	604.75	4.41	0.24
MH-6384	606.67	605.67	(N/A)	(N/A)	605.67	0.04	0.03
MH-4475	606.67	605.65	(N/A)	(N/A)	605.65	0.01	0.02
MH-5035	606.68	(N/A)	(N/A)	(N/A)	605.73	0.01	0.02
MH-2686	606.68	603.85	(N/A)	(N/A)	603.85	7.8	0.21
MH-3089	606.68	605.03	(N/A)	(N/A)	605.03	0.15	0.04
MH-4138	606.69	605.61	(N/A)	(N/A)	605.61	0.02	0.02
MH-814	606.7	605.6	605.39	(N/A)	605.39	0.14	0.04
MH-815	606.7	605.41	(N/A)	(N/A)	605.41	0.07	0.04
MH-3807	606.7	605.6	(N/A)	(N/A)	605.6	0.02	0.02
MH-4428	606.7	605.75	(N/A)	(N/A)	605.75	0.2	0.04
MH-5716	606.7	605.75	(N/A)	(N/A)	605.75	0.03	0.03
MH-769	606.7	605.17	604.92	(N/A)	604.92	2.82	0.18
MH-3240	606.71	605.76	(N/A)	(N/A)	605.76	0.03	0.03
MH-2661	606.71	605.61	(N/A)	(N/A)	605.61	0.07	0.04
MH-3861	606.72	605.77	(N/A)	(N/A)	605.77	0.04	0.02
MH-3241	606.72	605.74	(N/A)	(N/A)	605.74	0.03	0.03
MH-5325	606.72	605.44	(N/A)	(N/A)	605.44	0.07	0.04
MH-2698	606.73	605.78	(N/A)	(N/A)	605.78	0.11	0.03
MH-2764	606.73	604.32	605.47	(N/A)	604.32	4.53	0.26
MH-3119	606.73	605.62	(N/A)	(N/A)	605.62	0.07	0.04
MH-3184	606.74	605.79	(N/A)	(N/A)	605.79	0.03	0.02
MH-2544	606.74	605.24	(N/A)	(N/A)	605.24	0.75	0.1
MH-3976	606.74	605.49	(N/A)	(N/A)	605.49	0.04	0.03

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4031	606.74	605.57	(N/A)	(N/A)	605.57	0.03	0.03
MH-4497	606.74	605.72	(N/A)	(N/A)	605.72	0.04	0.03
MH-4021	606.74	605.55	(N/A)	(N/A)	605.55	0.03	0.03
MH-3975	606.75	605.53	(N/A)	(N/A)	605.53	0.04	0.03
MH-5412	606.75	605.01	(N/A)	(N/A)	605.01	2.76	0.14
MH-6201	606.75	603.69	(N/A)	(N/A)	603.69	0.59	0.08
MH-3183	606.76	605.81	(N/A)	(N/A)	605.81	0.02	0.02
MH-3020	606.76	605.64	(N/A)	(N/A)	605.64	0.07	0.04
MH-6163	606.76	604.37	(N/A)	(N/A)	604.37	4.49	0.25
MH-4988	606.76	605.48	(N/A)	(N/A)	605.48	0.06	0.04
MH-4367	606.77	605.69	(N/A)	(N/A)	605.69	0.04	0.03
MH-6333	606.77	604.86	(N/A)	(N/A)	604.86	0.26	0.05
MH-3019	606.78	605.66	605.66	(N/A)	605.66	0.07	0.04
MH-5115	606.78	604.62	(N/A)	(N/A)	604.62	4.44	0.24
MH-2980	606.78	(N/A)	(N/A)	(N/A)	605.83	0.01	0.01
MH-2831	606.78	605.82	(N/A)	(N/A)	605.82	0.01	0.02
MH-2791	606.78	605.83	(N/A)	(N/A)	605.83	0.02	0.02
MH-2832	606.79	605.8	(N/A)	(N/A)	605.8	0.02	0.02
MH-3027	606.79	605.76	(N/A)	(N/A)	605.76	0.02	0.02
MH-3253	606.79	605.78	(N/A)	(N/A)	605.78	0.02	0.02
MH-2765	606.79	605.75	604.28	(N/A)	604.28	4.55	0.27
MH-499	606.79	605.51	605.51	(N/A)	605.51	0.06	0.03
MH-542	606.8	605.23	605.85	605.29	605.1	2.75	0.17
MH-6353	606.8	(N/A)	(N/A)	(N/A)	605.85	0.01	0.01
MH-5756	606.8	604.44	(N/A)	(N/A)	604.44	4.48	0.24
MH-2790	606.8	(N/A)	(N/A)	(N/A)	605.85	0.02	0.02
MH-4020	606.8	605.85	(N/A)	(N/A)	605.85	0.02	0.01
MH-810	606.82	605.32	605.3	(N/A)	605.3	0.75	0.1
MH-4942	606.83	605.88	(N/A)	(N/A)	605.88	0.01	0.01
MH-4108	606.83	605.88	(N/A)	(N/A)	605.88	0.02	0.02
MH-5999	606.84	605.89	(N/A)	(N/A)	605.89	0.01	0.01
MH-5757	606.84	604.48	(N/A)	(N/A)	604.48	4.47	0.24
MH-5457	606.84	605.55	(N/A)	(N/A)	605.55	0.04	0.03
MH-5717	606.85	(N/A)	(N/A)	(N/A)	605.9	0.01	0.01
MH-6259	606.85	605.31	(N/A)	(N/A)	605.31	1.63	0.15
MH-4139	606.85	605.59	605.59	(N/A)	605.59	0.03	0.03
MH-4767	606.86	(N/A)	(N/A)	(N/A)	605.91	0.01	0.01
MH-1861	606.88	605.32	(N/A)	(N/A)	605.32	0.73	0.1
MH-6000	606.89	(N/A)	(N/A)	(N/A)	605.94	0.01	0.01
MH-4766	606.9	604.56	(N/A)	(N/A)	604.56	4.46	0.24
MH-5829	606.9	(N/A)	(N/A)	(N/A)	605.95	0.03	0.02
MH-6561	606.9	(N/A)	(N/A)	(N/A)	605.88	1.09	0.09
MH-6337	606.9	605.95	(N/A)	(N/A)	605.95	0.02	0.01
MH-6258	606.9	605.39	(N/A)	(N/A)	605.39	1.61	0.14
MH-3754	606.9	605.95	(N/A)	(N/A)	605.73	0.02	0.01
MH-2093	606.91	605.96	(N/A)	(N/A)	605.86	0.01	0.01
MH-5091	606.92	604.59	(N/A)	(N/A)	604.59	4.46	0.24
MH-6111	606.92	605.97	(N/A)	(N/A)	605.9	0.08	0.03
MH-6601	606.92	605.84	(N/A)	(N/A)	605.84	1.38	0.15
MH-830	606.92	605.71	605.64	(N/A)	605.64	1.41	0.15
MH-2685	606.93	603.88	605.98	(N/A)	603.88	7.8	0.27
MH-4726	606.94	(N/A)	(N/A)	(N/A)	605.99	0.02	0.01
MH-2699	606.94	605.99	(N/A)	(N/A)	605.92	0.11	0.03

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-6310	606.95	605.48	(N/A)	(N/A)	605.48	1.59	0.14
MH-6170	606.95	605.49	(N/A)	(N/A)	605.49	0.7	0.1
MH-6530	606.96	(N/A)	(N/A)	(N/A)	606.01	0.01	0.01
MH-4625	606.97	(N/A)	(N/A)	(N/A)	606.02	0.01	0.01
MH-5659	606.98	605.97	(N/A)	(N/A)	605.97	1.33	0.14
MH-6132	606.99	605.64	(N/A)	(N/A)	605.64	0.67	0.09
MH-6131	607	605.77	(N/A)	(N/A)	605.77	0.65	0.09
MH-572	607	605.46	(N/A)	(N/A)	605.46	0.71	0.1
MH-4920	607.02	(N/A)	(N/A)	(N/A)	606.07	0.01	0.01
MH-4304	607.02	606.07	(N/A)	(N/A)	605.85	0.1	0.03
MH-6175	607.04	606.09	(N/A)	(N/A)	605.85	0.09	0.03
MH-4682	607.04	605.38	(N/A)	(N/A)	605.38	0.72	0.1
MH-3686	607.05	604.66	(N/A)	(N/A)	604.66	4.43	0.24
MH-6058	607.05	605.55	(N/A)	(N/A)	605.55	1.56	0.14
MH-6349	607.05	605.66	(N/A)	(N/A)	605.66	0.71	0.1
MH-6348	607.05	605.82	(N/A)	(N/A)	605.82	0.68	0.09
MH-4470	607.05	604.72	(N/A)	(N/A)	604.72	4.42	0.24
MH-4554	607.08	606.13	(N/A)	(N/A)	605.89	0.02	0.01
MH-6059	607.1	605.62	(N/A)	(N/A)	605.62	1.53	0.14
MH-6765	607.1	602.05	(N/A)	(N/A)	602.05	9.65	0.34
MH-6336	607.1	(N/A)	(N/A)	(N/A)	606.15	0.01	0.01
MH-6068	607.1	605.9	(N/A)	(N/A)	605.9	0.63	0.09
MH-6438	607.1	606.02	(N/A)	(N/A)	606.02	0.65	0.09
MH-2094	607.12	606.17	(N/A)	(N/A)	606.08	0.01	0.01
MH-5658	607.14	606.06	(N/A)	(N/A)	606.06	1.29	0.12
MH-5060	607.15	606.2	(N/A)	(N/A)	605.85	0.07	0.02
MH-6116	607.15	606.2	(N/A)	(N/A)	606.18	0.59	0.08
MH-5947	607.15	605.74	(N/A)	(N/A)	605.69	1.46	0.13
MH-6069	607.15	606.03	(N/A)	(N/A)	606.03	0.61	0.09
MH-3685	607.2	604.68	(N/A)	(N/A)	604.68	4.42	0.24
MH-5452	607.2	(N/A)	(N/A)	(N/A)	606.25	0.01	0.01
MH-6455	607.2	(N/A)	(N/A)	(N/A)	606.23	0.62	0.09
MH-5948	607.2	605.82	(N/A)	(N/A)	605.82	1.39	0.15
MH-6216	607.2	605.88	(N/A)	(N/A)	605.88	0.05	0.02
MH-2804	607.24	606.29	(N/A)	(N/A)	606.15	0.11	0.03
MH-6660	607.25	(N/A)	(N/A)	(N/A)	606.23	1.11	0.12
MH-3450	607.32	606.37	(N/A)	(N/A)	606.17	0.02	0.01
MH-6158	607.33	606.38	(N/A)	(N/A)	605.9	0.03	0.02
MH-6280	607.4	(N/A)	(N/A)	(N/A)	606.45	0.03	0.02
MH-2697	607.4	606.45	(N/A)	(N/A)	606.3	0.01	0.01
MH-5637	607.41	604.23	604.36	(N/A)	604.23	6.37	0.28
MH-4330	607.42	603.93	(N/A)	(N/A)	603.93	7.79	0.3
MH-2754	607.44	606.49	(N/A)	(N/A)	606.49	0.01	0.01
MH-6400	607.44	606.36	605.51	(N/A)	605.45	1.81	0.11
MH-6113	607.47	606.14	606.21	(N/A)	606.14	1.26	0.14
MH-12	607.5	603.98	(N/A)	(N/A)	603.98	7.79	0.31
MH-5949	607.5	(N/A)	(N/A)	(N/A)	606.44	0.02	0.01
MH-3793	607.54	606.59	(N/A)	(N/A)	606.59	0.01	0.01
MH-11	607.54	604.07	(N/A)	(N/A)	604.07	7.79	0.31
MH-5537	607.55	604.19	606.53	(N/A)	604.14	7.79	0.32
MH-3794	607.6	606.65	(N/A)	(N/A)	606.65	0.01	0.01
MH-4593	607.64	606.69	(N/A)	(N/A)	606.43	0.01	0.01
MH-6431	607.65	(N/A)	(N/A)	(N/A)	606.52	0.19	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4505	607.65	606.7	(N/A)	(N/A)	606.41	0.1	0.03
MH-4049	607.69	(N/A)	(N/A)	(N/A)	606.74	0	0.01
MH-3352	607.74	606.79	(N/A)	(N/A)	606.56	0.02	0.01
MH-5061	607.78	606.83	(N/A)	(N/A)	606.53	0.06	0.02
MH-4419	607.8	606.59	(N/A)	(N/A)	606.59	0.11	0.03
MH-6112	607.83	606.23	606.3	(N/A)	606.23	1.17	0.13
MH-4831	608	607.05	(N/A)	(N/A)	607.05	0.06	0.03
MH-3353	608.06	607.11	(N/A)	(N/A)	606.98	0.02	0.01
MH-6164	608.06	607.11	(N/A)	(N/A)	606.57	0.08	0.03
MH-6655	608.1	(N/A)	(N/A)	(N/A)	607.15	0.02	0.02
MH-6630	608.1	(N/A)	(N/A)	(N/A)	607.15	0.05	0.03
MH-6343	608.1	606.81	606.81	(N/A)	606.81	0.39	0.07
MH-6593	608.1	(N/A)	(N/A)	(N/A)	607.15	0.04	0.02
MH-6586	608.1	(N/A)	(N/A)	(N/A)	607.15	0.02	0.01
MH-6155	608.1	606.51	(N/A)	(N/A)	606.44	1	0.11
MH-911	608.1	606.34	606.4	(N/A)	606.34	1.1	0.12
MH-6344	608.1	(N/A)	(N/A)	(N/A)	607.15	0.31	0.06
MH-4465	608.11	607.16	(N/A)	(N/A)	606.98	0.01	0.01
MH-6174	608.11	607.16	(N/A)	(N/A)	606.7	0.06	0.02
MH-4506	608.12	607.17	(N/A)	(N/A)	606.98	0.1	0.03
MH-5538	608.14	606.94	(N/A)	(N/A)	606.94	1.41	0.11
MH-6362	608.17	607.05	(N/A)	(N/A)	607.05	0.3	0.05
MH-5982	608.2	606.97	(N/A)	(N/A)	606.97	0.07	0.04
MH-6168	608.27	607.32	(N/A)	(N/A)	606.98	0.03	0.02
MH-2135	608.29	606.83	(N/A)	(N/A)	606.83	0.1	0.03
MH-6062	608.35	607.4	606.69	(N/A)	606.69	0.37	0.06
MH-5981	608.36	606.92	(N/A)	(N/A)	606.92	0.08	0.04
MH-6363	608.38	(N/A)	(N/A)	(N/A)	607.43	0.28	0.05
MH-4532	608.39	607.44	(N/A)	(N/A)	607.44	0.01	0.01
MH-3904	608.41	607.46	(N/A)	(N/A)	607.43	0.01	0.01
MH-6669	608.5	(N/A)	(N/A)	(N/A)	607.55	0.55	0.08
MH-594	608.5	606.88	(N/A)	(N/A)	606.88	0.09	0.04
MH-593	608.5	606.86	(N/A)	(N/A)	606.86	0.1	0.05
MH-4687	608.54	607.59	(N/A)	(N/A)	607.44	0.06	0.02
MH-5308	608.56	(N/A)	(N/A)	(N/A)	607.61	0.02	0.02
MH-5147	608.59	607.57	(N/A)	(N/A)	607.57	0.04	0.03
MH-3621	608.62	607.54	(N/A)	(N/A)	607.54	0.06	0.04
MH-2745	608.62	607.52	(N/A)	(N/A)	607.52	0.07	0.04
MH-97	608.64	607.68	607.5	(N/A)	607.5	0.09	0.04
MH-98	608.64	(N/A)	(N/A)	(N/A)	607.69	0	0.01
MH-4674	608.65	607.7	(N/A)	(N/A)	607.7	0.04	0.02
MH-5125	608.65	607.7	(N/A)	(N/A)	607.34	0.05	0.02
MH-298	608.66	607.47	(N/A)	(N/A)	607.47	0.1	0.03
MH-3342	608.66	607.71	(N/A)	(N/A)	607.71	0.01	0.01
MH-4144	608.69	607.74	(N/A)	(N/A)	607.72	0.07	0.03
MH-607	608.69	607.74	(N/A)	(N/A)	607.69	0.01	0.01
MH-608	608.69	(N/A)	(N/A)	(N/A)	607.74	0.01	0.01
MH-654	608.72	607.11	(N/A)	(N/A)	607.11	1.38	0.14
MH-653	608.73	607.78	607.09	(N/A)	607.09	1.4	0.12
MH-2550	608.78	607.83	(N/A)	(N/A)	607.83	0.02	0.01
MH-3343	608.85	(N/A)	(N/A)	(N/A)	607.9	0.01	0.01
MH-3380	608.85	607.9	(N/A)	(N/A)	607.9	0.02	0.01
MH-419	608.86	(N/A)	(N/A)	(N/A)	607.89	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 2

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-707	608.87	(N/A)	(N/A)	(N/A)	607.92	0.02	0.01
MH-4675	608.92	(N/A)	(N/A)	(N/A)	607.97	0.04	0.02
MH-5576	608.93	(N/A)	(N/A)	(N/A)	607.98	0.1	0.03
MH-4284	608.94	(N/A)	(N/A)	(N/A)	607.99	0.01	0.01
MH-143	608.95	(N/A)	(N/A)	(N/A)	607.99	0.07	0.02
MH-4580	608.98	607.96	607.96	(N/A)	607.96	0.06	0.02
MH-4059	609	608.02	(N/A)	(N/A)	608.02	0.02	0.02
MH-4058	609.01	608.04	(N/A)	(N/A)	608.04	0.02	0.02
MH-4462	609.02	(N/A)	(N/A)	(N/A)	608.07	0.01	0.02
MH-4290	609.02	607.98	(N/A)	(N/A)	607.98	0.04	0.02
MH-6189	609.03	(N/A)	(N/A)	(N/A)	608.08	0.02	0.02
MH-3687	609.05	608.1	(N/A)	(N/A)	608.1	0.03	0.02
MH-5304	609.06	608.02	(N/A)	(N/A)	608.02	0.03	0.02
MH-5303	609.07	607.14	607.98	(N/A)	607.14	1.37	0.14
MH-3688	609.09	608.14	(N/A)	(N/A)	608.14	0.03	0.02
MH-2866	609.14	608.19	(N/A)	(N/A)	608.19	0.02	0.02
MH-5011	609.14	608.19	(N/A)	(N/A)	608.19	0.03	0.02
MH-2867	609.17	608.2	(N/A)	(N/A)	608.2	0.02	0.02
MH-2810	609.22	608.27	(N/A)	(N/A)	608.27	0.01	0.01
MH-3103	609.25	608.26	(N/A)	(N/A)	608.26	0.01	0.02
MH-3062	609.26	608.22	(N/A)	(N/A)	608.22	0.01	0.02
MH-2811	609.27	608.32	(N/A)	(N/A)	608.32	0.01	0.01
MH-3063	609.29	608.24	(N/A)	(N/A)	608.24	0.01	0.02
MH-5853	609.36	(N/A)	(N/A)	(N/A)	608.41	0.02	0.02
MH-4656	609.42	(N/A)	(N/A)	(N/A)	608.47	0	0
MH-3520	609.43	607.66	607.33	(N/A)	607.26	1.34	0.14
MH-4536	609.43	607.5	(N/A)	(N/A)	607.5	0.29	0.05
MH-938	609.44	607.63	(N/A)	(N/A)	607.63	0.29	0.05
MH-939	609.44	607.71	(N/A)	(N/A)	607.71	0.28	0.05
MH-4317	609.45	607.77	(N/A)	(N/A)	607.77	0.28	0.05
MH-3917	609.47	607.95	(N/A)	(N/A)	607.95	0.27	0.05
MH-3918	609.47	608.08	(N/A)	(N/A)	608.08	0.26	0.05
MH-4017	609.48	608.2	(N/A)	(N/A)	608.2	0.25	0.05
MH-4142	609.48	608.36	(N/A)	(N/A)	608.36	0.24	0.05
MH-4143	609.49	608.51	(N/A)	(N/A)	608.51	0.22	0.05
MH-5495	609.5	(N/A)	(N/A)	(N/A)	608.55	0.02	0.02
MH-3519	609.52	607.69	(N/A)	(N/A)	607.69	1.04	0.11
MH-3846	609.62	607.73	(N/A)	(N/A)	607.73	1.04	0.12
MH-6117	609.62	(N/A)	(N/A)	(N/A)	608.67	0.46	0.07
MH-4750	609.75	607.78	(N/A)	(N/A)	607.78	1.03	0.11
MH-6177	610.02	607.95	(N/A)	(N/A)	607.88	1.01	0.11

OUTFALL REPORT ZONE 2,3 & 5 Part - 2

ID	Label	Elevation (Ground) (m)	Elevation (Invert) (m)	Hydraulic Grade (m)	Flow (Total Out) (MLD)
690	OF-1	553.43	551.73	551.73	56.9763

PART – 3

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-402	MH-6745	MH-6761	555.86	555.25	553.14	552.54	183	1,800.00	2.91	303	673.7891	274.8596	0.9	0.91	0.91	46.6	0.011	Concrete
CO-403	MH-6761	MH-6762	555.25	554.64	552.54	551.92	186.6	1,800.00	2.91	303	673.9041	274.8596	0.9	0.91	0.91	46.6	0.011	Concrete
CO-366	MH-6743	MH-6672	548.7	546.55	544.1	543.84	78.6	1,800.00	2.92	300	677.6474	274.8596	1.9	2.8	0.91	52.1	0.011	Concrete
CO-386	MH-6559	MH-6753	560.46	560.36	554.96	554.91	57.6	1,600.00	1.77	1,000	265.0085	249.6211	3.9	3.9	3.85	62.2	0.011	Concrete
CO-387	MH-6753	MH-6560	560.36	560.26	554.71	554.65	58	1,800.00	1.84	1,000	362.7993	269.9378	3.8	3.85	3.81	63.9	0.011	Concrete
CO-392	MH-6755	MH-6756	559.68	559.02	554.47	554.27	200.2	1,800.00	1.85	1,000	362.7993	274.8596	3.2	3.41	2.95	63.8	0.011	Concrete
CO-393	MH-6756	MH-6728	559.02	558.2	554.27	554.03	248.4	1,800.00	1.85	1,000	362.7993	274.8596	2.7	2.95	2.38	63.5	0.011	Concrete
CO-394	MH-6728	MH-6757	558.2	557.72	554.03	553.88	147.2	1,800.00	1.85	1,000	362.7993	274.8596	2.2	2.38	2.04	62.9	0.011	Concrete
CO-396	MH-6757	MH-6758	557.72	557.11	553.88	553.69	183.7	1,800.00	1.85	1,000	362.7993	274.8596	1.8	2.04	1.62	61.6	0.011	Concrete
CO-398	MH-6758	MH-6759	557.11	556.59	553.69	553.54	158.3	1,800.00	1.85	1,000	362.7993	274.8596	1.4	1.62	1.25	57.1	0.011	Concrete
CO-400	MH-6759	MH-6760	556.59	555.87	553.54	553.15	219.7	1,800.00	2.29	576	477.9044	274.8596	1.1	1.25	0.91	51.1	0.011	Concrete
CO-404	MH-6762	MH-6763	554.64	552	549.79	549.29	150.5	1,800.00	2.92	300	677.6474	274.8596	2	3.05	0.91	46.5	0.011	Concrete
CO-405	MH-6763	MH-6743	552	548.7	546.43	545.99	132.4	1,800.00	2.92	300	677.6474	274.8596	2.3	3.77	0.91	46.5	0.011	Concrete
CO-6	MH-6672	OF-1	546.55	546.5	543.84	543.8	31.9	1,800.00	1.85	1,000	362.7993	275.8061	0.9	0.91	0.9	52.1	0.011	Concrete
CO-390	MH-6560	MH-6755	560.26	559.68	554.65	554.47	174.9	1,800.00	1.85	1,000	362.7993	274.8596	3.6	3.81	3.41	63.9	0.011	Concrete
CO-401	MH-6760	MH-6745	555.87	555.86	553.15	553.14	3.8	1,800.00	2.92	300	677.6474	274.8596	0.9	0.91	0.91	47.7	0.011	Concrete
ONE 235-60	MH-3670	MH-3671	572.04	572.12	570.78	570.76	21.4	400	0.62	1,000	7.2303	2.6375	0.9	0.87	0.97	40.5	0.01	Concrete
ONE 235-41	MH-3702	MH-89	566.72	566.98	565.77	565.75	21.8	150	0.19	1,000	0.4807	0.0347	0.9	0.8	1.08	14.9	0.011	Concrete
ONE 235-60	MH-3719	MH-3720	581.65	581.31	580.58	580.36	21.7	150	0.61	100	1.52	0.129	0.9	0.92	0.8	21.3	0.011	Concrete
ONE 235-64	MH-3742	MH-3743	564.7	565.1	561.47	561.44	21.9	271	0.6	954	2.6217	2.1846	3.2	2.97	3.39	53.9	0.01	HDPE
ONE 235-60	MH-3744	MH-2181	578.65	578.18	577.45	577.23	21.9	150	0.85	100	1.52	0.3939	0.9	1.05	0.8	37.6	0.011	Concrete
ONE 235-60	MH-2709	MH-1006	576.52	576.22	575.49	575.27	21.9	150	1.01	100	1.52	0.7372	0.8	0.88	0.8	63.4	0.011	Concrete
ONE 235-60	MH-3764	MH-3280	572.33	572.21	571.16	571.14	22	271	0.6	986	2.5787	2.406	0.8	0.89	0.8	57.2	0.01	HDPE
ONE 235-41	MH-3770	MH-3359	566.35	566.74	565.4	565.38	22.2	150	0.15	1,000	0.4807	0.0156	1	0.8	1.21	19.8	0.011	HDPE
ONE 235-61	MH-3780	MH-1052	575.29	574.91	574.18	573.96	22	150	0.85	100	1.52	0.4052	0.9	0.97	0.8	38.2	0.011	HDPE
ONE 235-61	MH-3820	MH-3335	579.67	579.32	578.59	578.37	22.3	150	0.32	100	1.52	0.0144	0.9	0.93	0.8	7.2	0.011	HDPE
ONE 235-39	MH-2471	MH-3821	565.89	566.31	564.94	565.17	22.3	150	0.3	100	1.52	0.0124	0.9	0.8	0.99	8	0.011	HDPE
ONE 235-60	MH-3720	MH-3834	581.31	580.95	580.23	580	22.5	150	0.67	100	1.52	0.1704	0.9	0.93	0.8	24.4	0.011	HDPE
ONE 235-60	MH-3841	MH-3842	573.54	573.13	571.26	571.23	22.5	271	0.6	768	2.9219	1.4945	1.8	2.01	1.63	59.8	0.01	HDPE
ONE 235-60	MH-2716	MH-3719	582.02	581.65	580.93	580.7	22.7	150	0.53	100	1.52	0.0765	0.9	0.94	0.8	16.3	0.011	HDPE
ONE 235-60	MH-3192	MH-3670	572.02	572.04	570.8	570.78	22.8	400	0.62	1,000	7.2303	2.5852	0.8	0.82	0.87	40.8	0.01	HDPE
ONE 235-39	MH-149	MH-3879	565.24	564.81	563.84	563.86	21.9	150	0.21	1,000	0.4807	0.0564	1	1.25	0.8	19	0.011	HDPE
ONE 235-65	MH-3880	MH-3881	564.93	564.72	563.98	563.77	22.8	150	1.06	108	1.4641	1.0225	0.8	0.8	0.8	68.4	0.011	HDPE
ONE 235-60	MH-3899	MH-3900	576.6	575.98	575.26	575.03	23	150	0.92	100	1.52	0.5247	1	1.19	0.8	43.7	0.011	HDPE
ONE 235-60	MH-1052	MH-2828	574.91	574.51	571.43	571.4	24.2	217	0.6	700	1.6922	1.3646	3.1	3.26	2.89	64.4	0.01	HDPE
ONE 235-60	MH-3281	MH-3191	572.14	572.02	571.07	570.95	24.9	271	1.13	200	5.721	2.4938	0.8	0.8	0.8	57.9	0.01	HDPE
ONE 235-60	MH-1007	MH-4259	576.19	575.77	574.97	574.82	15.1	150	1.09	100	1.672	0.7683	0.9	1.07	0.8	52.5	0.01	HDPE
ONE 235-60	MH-4078	MH-3899	577.27	576.6	575.91	575.65	25.9	150	0.89	100	1.52	0.4705	1	1.22	0.8	41.3	0.011	HDPE
ONE 235-65	MH-1819	MH-2336	571	570.72	570.03	569.77	25.9	150	0.62	100	1.52	0.13	0.8	0.82	0.8	21.3	0.011	HDPE
ONE 235-60	MH-4307	MH-3744	579.2	578.65	577.96	577.7	26.1	150	0.81	100	1.52	0.3375	0.9	1.09	0.8	34.7	0.011	HDPE
ONE 235-18	MH-4314	MH-4315	568.9	568.71	567.95	567.76	26.2	150	0.27	140	1.2851	0.0128	0.8	0.8	0.8	9.8	0.011	HDPE
ONE 235-41	MH-2259	MH-377	566.09	565.62	564.91	564.67	24	150	0.42	100	1.52	0.0364	0.9	1.02	0.8	11.3	0.011	HDPE
ONE 235-41	MH-4360	MH-364	567.85	567.43	565.07	564.92	21.5	150	0.6	144	1.2688	0.1828	2.5	2.63	2.36	26.4	0.011	HDPE
ONE 235-65	MH-4403	MH-1051	574.49	574.96	571.77	571.51	27	150	0.6	102	1.5041	0.1202	2.9	2.57	3.3	34.5	0.011	HDPE
ONE 235-64	MH-4407	MH-4408	564.34	564.16	563.39	563.2	27	150	0.6	142	1.276	0.1804	0.8	0.8	0.81	26.2	0.011	HDPE
ONE 235-64	MH-4131	MH-4440	563.27	563.59	561.62	561.59	27.2	271	0.6	879	2.7299	1.8639	1.6	1.38	1.73	62	0.01	HDPE
ONE 235-39	MH-149	MH-4445	565.24	565.72	563.49	563.35	28.4	150	0.6	196	1.0869	0.2683	1.9	1.59	2.22	34.7	0.011	HDPE
ONE 235-60	MH-4259	MH-3448	575.77	575.28	574.61	574.33	27.4	150	1.1	100	1.672	0.8027	0.9	1.01	0.8	53.7	0.01	HDPE
ONE 235-41	MH-3362	MH-1004	568.12	567.6	563.18	563.14	16.3	175	0.6	452	1.186	0.6778	4.5	4.77	4.29	54.6	0.01	HDPE
ONE 235-51	MH-4490	MH-4491	560.83	561.21	559.88	559.76	27.7	150	0.6	235	0.991	0.3421	1	0.8	1.3	39	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-61	MH-4507	MH-2978	578.53	578.12	577.45	577.17	27.8	150	0.61	100	1.52	0.1276	0.9	0.94	0.8	21.1	0.011	HDPE
ONE 235-41	MH-4527	MH-4360	567.51	567.85	565.31	565.07	27.7	150	0.6	112	1.4363	0.1348	2.3	2.04	2.63	25.4	0.011	HDPE
ONE 235-18	MH-4548	MH-4549	568.46	568.25	567.51	567.3	28.2	150	0.48	133	1.3175	0.0773	0.8	0.8	0.8	20.2	0.011	HDPE
ONE 235-50	MH-4576	MH-4577	567.8	567.47	566.8	566.52	28.5	150	0.87	100	1.52	0.4289	0.8	0.85	0.8	39.3	0.011	HDPE
ONE 235-51	MH-4647	MH-4648	566.06	565.67	564.83	564.64	29.4	150	0.6	155	1.2198	0.2027	1	1.08	0.88	28.1	0.011	HDPE
ONE 235-60	MH-2954	MH-3841	574.02	573.54	571.3	571.26	29.4	271	0.6	755	2.9458	1.4592	2.2	2.45	2.01	54.3	0.01	HDPE
ONE 235-60	MH-4663	MH-2162	581.96	581.4	580.75	580.45	29.5	150	0.79	100	1.52	0.3097	0.9	1.06	0.8	33.2	0.011	HDPE
ONE 235-61	MH-3336	MH-4507	579.04	578.53	577.88	577.58	29.7	150	0.55	100	1.52	0.086	0.9	1	0.8	17.3	0.011	HDPE
ONE 235-61	MH-4715	MH-4716	576.49	575.88	575.23	574.93	30	150	0.79	100	1.52	0.3022	1	1.11	0.8	32.8	0.011	HDPE
ONE 235-60	MH-3340	MH-4663	582.52	581.96	581.31	581.01	30.4	150	0.73	100	1.52	0.236	0.9	1.05	0.8	28.8	0.011	HDPE
ONE 235-59	MH-4777	MH-4778	560.2	559.4	558.76	558.45	30.6	150	0.92	100	1.52	0.5183	1	1.29	0.8	43.4	0.011	HDPE
ONE 235-61	MH-2859	MH-2979	577.96	577.77	577.01	576.82	30.6	150	0.36	166	1.1809	0.0371	0.8	0.8	0.8	12.1	0.011	HDPE
ONE 235-65	MH-4786	MH-4787	573.82	574.43	572.87	573.17	30.6	150	0.58	100	1.52	0.106	1	0.8	1.11	19.2	0.011	HDPE
ONE 235-41	MH-4795	MH-4134	566.66	566.98	564.19	563.98	30.6	150	0.6	139	1.2888	0.1765	2.6	2.31	2.85	28.1	0.011	HDPE
ONE 235-61	MH-4796	MH-4715	577.1	576.49	575.85	575.54	30.7	150	0.74	100	1.52	0.2484	1	1.1	0.8	29.6	0.011	HDPE
ONE 235-65	MH-4822	MH-3607	573.62	572.99	572.34	572.04	30.1	150	0.27	100	1.52	0.0082	1	1.13	0.8	5.5	0.011	HDPE
ONE 235-39	MH-4850	MH-4851	565.42	565.72	564.47	564.33	31.7	150	0.38	227	1.0095	0.0688	1	0.8	1.24	20.4	0.011	HDPE
ONE 235-51	MH-3963	MH-4878	563.74	562.94	562.31	561.99	31.5	150	0.67	100	1.52	0.1757	1	1.28	0.8	24.8	0.011	HDPE
ONE 235-39	MH-190	MH-4889	565.5	566.08	564.55	564.83	28.6	150	0.38	100	1.52	0.0256	0.9	0.8	1.09	18.4	0.011	HDPE
ONE 235-41	MH-3359	MH-4905	566.74	567.12	565.38	565.35	31.3	150	0.23	1,000	0.4807	0.071	1.4	1.21	1.63	28.6	0.011	HDPE
ONE 235-51	MH-4914	MH-3962	565.15	564.33	563.7	563.38	31.7	150	0.54	100	1.52	0.0817	1.1	1.3	0.8	16.9	0.011	HDPE
ONE 235-60	MH-1367	MH-4307	579.82	579.2	578.57	578.25	31.8	150	0.77	100	1.52	0.2815	1	1.1	0.8	31.5	0.011	HDPE
ONE 235-60	MH-4930	MH-3193	575.02	574.2	573.57	573.25	32.1	150	0.99	100	1.52	0.6996	1.1	1.3	0.8	51.1	0.011	HDPE
ONE 235-50	MH-1061	MH-4948	560.46	560.46	559.26	559.2	32.3	217	0.6	530	1.9447	0.8587	1	0.98	1.05	42.6	0.01	HDPE
ONE 235-65	MH-2337	MH-4965	570.57	570.18	569.55	569.23	32.4	150	0.65	100	1.52	0.1524	0.8	0.88	0.8	23.1	0.011	HDPE
ONE 235-61	MH-2979	MH-4796	577.77	577.1	576.48	576.15	32.5	150	0.71	100	1.52	0.2088	1	1.15	0.8	27.1	0.011	HDPE
ONE 235-39	MH-4998	MH-2872	566.37	565.74	563.05	562.92	30.7	150	0.6	229	1.0036	0.3306	2.9	3.17	2.67	40.1	0.011	HDPE
ONE 235-65	MH-4787	MH-2343	574.43	575.04	573.48	573.81	33	150	0.52	100	1.52	0.0699	0.9	0.8	1.09	15.6	0.011	HDPE
ONE 235-51	MH-5018	MH-4647	566.25	566.06	565.11	564.83	33.1	150	0.6	116	1.4114	0.1406	1	0.99	1.08	26.5	0.011	HDPE
ONE 235-41	MH-3919	MH-5019	565.92	566.29	564.51	564.47	32.4	150	0.26	1,000	0.4807	0.1138	1.5	1.26	1.66	28.6	0.011	HDPE
ONE 235-60	MH-3900	MH-4930	575.98	575.02	574.43	574.07	36.2	150	0.95	100	1.52	0.6009	1.1	1.39	0.8	47	0.011	HDPE
ONE 235-60	MH-4461	MH-2743	583.99	583.21	582.62	582.26	36.4	150	0.82	100	1.52	0.3459	1	1.22	0.8	35.1	0.011	HDPE
ONE 235-39	MH-4851	MH-5309	565.72	566.14	564.77	565.14	37.6	150	0.39	100	1.52	0.0289	0.8	0.8	0.85	10.1	0.011	HDPE
ONE 235-50	MH-5319	MH-1830	566.91	566.41	565.83	565.46	37.8	150	0.97	100	1.52	0.6385	0.9	0.92	0.8	48.6	0.011	HDPE
ONE 235-39	MH-366	MH-3051	564.68	564.41	563.73	563.46	39.3	150	0.49	146	1.2594	0.0936	0.8	0.8	0.8	18.9	0.011	HDPE
ONE 235-18	MH-4315	MH-4548	568.71	568.46	567.76	567.51	38.4	150	0.37	155	1.2207	0.0386	0.8	0.8	0.8	15	0.011	HDPE
ONE 235-61	MH-5359	MH-5029	580.13	579.46	579.15	578.51	63.3	150	0.43	100	1.52	0.0391	0.8	0.83	0.8	11.7	0.011	HDPE
ONE 235-40	MH-5380	MH-431	565.07	565.44	564.12	564.08	38.1	150	0.18	1,000	0.4807	0.0333	1	0.8	1.2	14.6	0.011	HDPE
ONE 235-60	MH-3194	MH-2531	573.72	572.99	572.42	572.04	38.2	150	1.04	100	1.52	0.8365	1	1.15	0.8	56.4	0.011	HDPE
ONE 235-59	MH-3255	MH-4777	560.92	560.2	559.65	559.25	39.8	150	0.88	100	1.52	0.4469	1	1.12	0.8	40.1	0.011	HDPE
ONE 235-64	MH-5022	MH-4064	563.98	564	562.33	562.29	39.6	271	0.6	991	2.5712	2.4747	1.4	1.38	1.44	59.6	0.01	HDPE
ONE 235-65	MH-5516	MH-5517	565.89	565.49	564.94	564.54	40.8	150	0.99	102	1.5038	0.7202	0.8	0.8	0.8	59	0.011	HDPE
ONE 235-65	MH-5526	MH-4403	573.64	574.49	571.8	571.77	29.8	150	0.24	1,000	0.4807	0.0877	2.1	1.7	2.57	25.4	0.011	HDPE
ONE 235-50	MH-5528	MH-4576	568.28	567.8	567.26	566.85	41	150	0.81	100	1.52	0.3335	0.8	0.88	0.8	34.5	0.011	HDPE
ONE 235-41	MH-5033	MH-5549	565.85	565.12	562.88	562.83	25.5	217	0.6	523	1.958	0.8416	2.4	2.75	2.07	59.6	0.01	HDPE
ONE 235-64	MH-5583	MH-5584	567.03	566.76	565.75	565.5	42	150	0.6	166	1.1781	0.218	1.1	1.12	1.11	34.2	0.011	HDPE
ONE 235-65	MH-5601	MH-5516	566.7	565.89	565.37	564.94	42.3	150	0.97	100	1.52	0.6531	1	1.18	0.8	54.6	0.011	HDPE
ONE 235-51	MH-5604	MH-5018	566.1	566.25	565.15	565.11	42.3	150	0.23	1,000	0.4807	0.073	0.9	0.8	0.99	25	0.011	HDPE
ONE 235-39	MH-5614	MH-327	564.8	564.33	562.67	562.55	42.9	150	0.6	359	0.8827	0.4784	1.8	1.98	1.63	48.4	0.01	HDPE
ONE 235-60	MH-1370	MH-2412	578.42	577.48	576.96	576.53	42.3	150	0.98	100	1.52	0.6774	1.1	1.32	0.8	50.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-65	MH-5630	MH-5526	572.78	573.64	571.83	571.8	30.9	150	0.18	1,000	0.4807	0.0329	1.2	0.8	1.7	23.1	0.011	HDPE
ONE 235-64	MH-4440	MH-5643	563.59	563.88	561.59	561.54	42.9	271	0.6	896	2.7045	1.9292	1.9	1.73	2.06	64	0.01	HDPE
ONE 235-50	MH-5680	MH-962	567.39	567.07	566.44	566.12	45.4	150	0.45	144	1.2663	0.0713	0.8	0.8	0.8	16.5	0.011	HDPE
ONE 235-50	MH-4577	MH-5319	567.47	566.91	566.4	565.96	43.8	150	0.93	100	1.52	0.5352	0.9	0.92	0.8	44.2	0.011	HDPE
ONE 235-51	MH-4878	MH-5024	562.94	561.76	561.25	560.81	44	150	0.74	100	1.52	0.2372	1.2	1.55	0.8	28.9	0.011	HDPE
ONE 235-64	MH-5735	MH-5021	564.55	564.21	563.57	563.24	44.4	175	1.19	132	2.1945	1.7172	0.8	0.8	0.8	73.3	0.01	HDPE
ONE 235-39	MH-5741	MH-149	564.75	565.24	563.8	563.49	43.7	150	0.6	142	1.2735	0.1812	1.2	0.8	1.59	30.4	0.011	HDPE
ONE 235-18	MH-4549	MH-4027	568.25	567.78	567.3	566.83	49.1	150	0.6	104	1.4904	0.1261	0.8	0.8	0.8	21.1	0.011	HDPE
ONE 235-50	MH-5751	MH-5752	558.93	559.67	557.92	557.84	44.9	217	0.6	612	1.8087	1.0695	1.2	0.8	1.61	56.8	0.01	HDPE
ONE 235-65	MH-5779	MH-5780	569.53	568.7	568.21	567.75	45.5	150	0.98	100	1.52	0.6685	1	1.17	0.8	49.8	0.011	HDPE
ONE 235-50	MH-5801	MH-5751	559.68	558.93	558.38	557.92	46.1	217	1.14	100	4.476	0.9821	0.9	1.08	0.8	47.7	0.01	HDPE
ONE 235-65	MH-5825	MH-5826	566.84	567.34	565.85	566.39	55.9	150	0.6	104	1.4938	0.1216	0.8	0.84	0.8	20.7	0.011	HDPE
ONE 235-64	MH-5865	MH-1736	563.67	563.81	562.72	562.46	47.8	150	0.6	188	1.1089	0.2544	1	0.8	1.2	34.5	0.011	HDPE
ONE 235-39	MH-432	MH-5614	565.43	564.8	562.75	562.67	24	150	0.6	272	0.9217	0.4215	2.3	2.53	1.98	49.3	0.011	HDPE
ONE 235-39	MH-5910	MH-5022	564.07	563.98	562.55	562.42	49.9	175	0.6	403	1.2567	0.5695	1.4	1.35	1.38	50	0.01	HDPE
ONE 235-65	MH-3430	MH-5924	565.76	566.17	564.81	565.22	49.4	150	0.41	121	1.3814	0.0416	0.8	0.8	0.8	12.3	0.011	HDPE
ONE 235-39	MH-3051	MH-1927	564.41	564.16	563.25	562.89	49.2	150	0.6	133	1.3165	0.1659	1.1	1	1.13	26.9	0.011	HDPE
ONE 235-65	MH-4115	MH-5983	564.53	564.01	563.57	563.06	51.7	150	1.13	100	1.52	1.2359	0.8	0.81	0.8	70.6	0.011	HDPE
ONE 235-64	MH-6006	MH-4407	565.59	564.34	563.92	563.39	53	150	0.57	100	1.52	0.0984	1.2	1.52	0.8	23.6	0.011	HDPE
ONE 235-64	MH-6012	MH-4130	563.42	563.31	562.21	561.75	53.1	175	1.01	114	2.3614	0.6976	1.2	1.03	1.39	40.9	0.01	HDPE
ONE 235-39	MH-4851	MH-5741	565.72	564.75	564.33	563.8	53.1	150	0.62	100	1.52	0.1328	1	1.24	0.8	25.3	0.011	HDPE
ONE 235-65	MH-5826	MH-5152	567.34	567.93	566.39	566.92	53.7	150	0.54	100	1.52	0.0848	0.8	0.8	0.86	20.4	0.011	HDPE
ONE 235-64	MH-6035	MH-6036	567.04	565.92	565.51	564.97	53.8	150	0.44	100	1.52	0.0426	1.1	1.38	0.8	12.3	0.011	HDPE
ONE 235-41	MH-5549	MH-2573	565.12	564.13	562.83	562.73	70	217	0.6	702	1.6896	1.3748	1.6	2.07	1.18	57.9	0.01	HDPE
ONE 235-59	MH-4778	MH-4091	559.4	558	557.59	557.05	54.2	150	0.94	100	1.52	0.566	1.2	1.66	0.8	45.5	0.011	HDPE
ONE 235-41	MH-364	MH-6048	567.43	567.96	563.79	563.59	53.4	150	0.6	270	0.9245	0.4166	3.9	3.49	4.22	49.6	0.011	HDPE
ONE 235-64	MH-6071	MH-6006	566.7	565.59	565.2	564.64	55.5	150	0.43	100	1.52	0.0372	1.1	1.35	0.8	11.4	0.011	HDPE
ONE 235-39	MH-327	MH-189	564.33	565.5	563.38	563.72	34.1	150	0.55	100	1.52	0.0899	1.2	0.8	1.63	17.7	0.011	HDPE
ONE 235-41	MH-6048	MH-89	567.96	566.98	563.59	563.44	54.5	150	0.6	365	0.8755	0.4905	3.8	4.22	3.39	49.3	0.01	HDPE
ONE 235-65	MH-5780	MH-4027	568.7	567.78	567.39	566.83	56.4	150	1	100	1.52	0.7112	1	1.16	0.8	51.5	0.011	HDPE
ONE 235-65	MH-6106	MH-3429	565.94	565.68	564.99	564.73	57.6	150	0.34	220	1.0239	0.0445	0.8	0.8	0.8	19.7	0.011	HDPE
ONE 235-64	MH-3457	MH-4130	563.37	563.31	561.81	561.7	57.7	217	0.6	528	1.9483	0.8542	1.4	1.34	1.39	47.9	0.01	HDPE
ONE 235-41	MH-391	MH-5032	567.56	566.48	563.11	562.99	58.1	175	0.6	490	1.1392	0.7754	3.8	4.27	3.32	53.6	0.01	HDPE
ONE 235-50	MH-6121	MH-1060	560.93	560.47	559.87	559.52	34.5	150	0.62	100	1.52	0.1301	0.9	0.91	0.8	25	0.011	HDPE
ONE 235-65	MH-5094	MH-5601	567.15	566.7	566.2	565.75	58.7	150	0.84	129	1.3375	0.5268	0.8	0.8	0.8	45.3	0.011	HDPE
ONE 235-50	MH-6137	MH-5184	564.3	562.74	562.31	561.73	58.9	217	1.27	100	4.476	1.451	1.3	1.77	0.8	50.6	0.01	HDPE
ONE 235-39	MH-1928	MH-5910	564.22	564.07	562.81	562.57	58.7	150	0.6	241	0.9793	0.3538	1.3	1.26	1.35	39.8	0.011	HDPE
ONE 235-50	MH-6153	MH-5528	568.99	568.28	567.93	567.33	59.7	150	0.68	100	1.52	0.1779	0.9	0.91	0.8	25	0.011	HDPE
ONE 235-64	MH-6160	MH-5735	564.91	564.55	563.94	563.57	60	175	1.05	164	1.9716	1.3989	0.8	0.8	0.8	68.3	0.01	HDPE
ONE 235-64	MH-6165	MH-6166	566.32	565.09	564.75	564.14	60.2	150	0.47	100	1.52	0.0499	1.1	1.42	0.8	13.2	0.011	HDPE
ONE 235-64	MH-6183	MH-5583	567.25	567.03	566.28	565.75	61	150	0.6	116	1.4101	0.1409	1	0.82	1.12	27	0.011	HDPE
ONE 235-50	MH-1217	MH-6207	563.45	562.78	562.16	561.83	32.7	150	0.48	100	1.52	0.0552	1	1.14	0.8	13.9	0.011	HDPE
ONE 235-59	MH-6207	MH-5063	562.78	561.79	561.47	560.84	63	150	0.66	100	1.52	0.1629	1	1.16	0.8	23.9	0.011	HDPE
ONE 235-64	MH-4408	MH-6012	564.16	563.42	563.11	562.47	63.6	150	0.73	100	1.52	0.2287	0.9	0.9	0.8	28.4	0.011	HDPE
ONE 235-64	MH-5584	MH-6227	566.76	566.31	565.5	565.22	63.7	150	0.6	226	1.012	0.3238	1	1.11	0.94	44.5	0.011	HDPE
ONE 235-64	MH-6248	MH-6183	567.29	567.25	566.34	566.28	64.5	150	0.22	1,000	0.4807	0.0566	0.8	0.8	0.82	23.4	0.011	HDPE
ONE 235-64	MH-6254	MH-6012	563.44	563.42	562.49	562.24	64.9	150	0.6	252	0.9582	0.3762	0.9	0.8	1.03	41.4	0.011	HDPE
ONE 235-39	MH-4445	MH-4998	565.72	566.37	563.35	563.05	62.9	150	0.6	212	1.0443	0.297	2.7	2.22	3.17	37.5	0.011	HDPE
ONE 235-50	MH-6260	MH-6261	561.56	561.33	560.61	560.23	65.3	150	0.6	173	1.1561	0.2313	0.9	0.8	0.95	39.9	0.011	HDPE
ONE 235-65	MH-5517	MH-3880	565.49	564.93	564.54	563.98	65.7	150	0.99	117	1.4034	0.8775	0.8	0.8	0.8	64.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-64	MH-6289	MH-3456	563.69	563.4	562.1	561.92	67.1	150	0.6	379	0.8588	0.5215	1.4	1.44	1.33	54.3	0.01	HDPE
ONE 235-41	MH-6290	MH-597	564.94	564	563.73	563.05	68.1	150	0.41	100	1.52	0.0338	0.9	1.06	0.8	10.9	0.011	HDPE
ONE 235-64	MH-6166	MH-5172	565.09	563.79	563.52	562.84	67.7	150	0.66	100	1.52	0.1662	1.1	1.43	0.8	24.1	0.011	HDPE
ONE 235-64	MH-1448	MH-6289	563.98	563.69	562.39	562.1	69.3	150	0.6	239	0.9824	0.3505	1.4	1.44	1.44	48.1	0.011	HDPE
ONE 235-64	MH-6313	MH-6160	565.36	564.91	564.41	563.96	69.3	150	1	156	1.3368	1.1158	0.8	0.8	0.8	69.5	0.01	HDPE
ONE 235-59	MH-6319	MH-6283	568.09	567.18	565.67	566.23	69.8	150	0.6	125	1.3587	0.1551	1.5	2.27	0.8	49.3	0.011	HDPE
ONE 235-50	MH-3646	MH-2112	565.17	563.93	563.68	562.98	70.1	150	1.06	100	1.52	0.9281	1.1	1.34	0.8	59.8	0.011	HDPE
ONE 235-39	MH-2872	MH-431	565.74	565.44	562.92	562.85	16.1	150	0.6	242	0.9777	0.3555	2.6	2.67	2.44	42.9	0.011	HDPE
ONE 235-60	MH-2907	MH-2715	582.53	582.28	581.5	581.33	16.3	150	0.31	100	1.52	0.0128	0.8	0.89	0.8	6.8	0.011	HDPE
ONE 235-60	MH-2673	MH-3340	582.88	582.52	581.75	581.57	18.7	150	0.66	100	1.52	0.1628	0.9	0.98	0.8	23.9	0.011	HDPE
ONE 235-64	MH-5021	MH-5022	564.21	563.98	563.24	563	33.4	175	1.17	144	2.1024	1.8567	0.8	0.8	0.8	73.2	0.01	HDPE
ONE 235-41	MH-2573	MH-597	564.13	564	562.68	562.66	17.2	271	0.6	751	2.9543	1.4467	1.1	1.18	1.07	48.8	0.01	HDPE
ONE 235-59	MH-5063	MH-3254	561.79	561.28	560.67	560.33	33.9	150	0.78	100	1.52	0.2962	0.9	0.97	0.8	32.4	0.011	HDPE
ONE 235-65	MH-2665	MH-2666	570.99	570.72	569.91	569.77	14.8	150	0.86	100	1.52	0.4063	0.9	0.93	0.8	38.2	0.011	HDPE
ONE 235-60	MH-2037	MH-2673	583.13	582.88	582.08	581.93	14.8	150	0.57	100	1.52	0.0961	0.9	0.9	0.8	18.3	0.011	HDPE
ONE 235-51	MH-3962	MH-3963	564.33	563.74	563.03	562.79	23.4	150	0.61	100	1.52	0.1252	1	1.15	0.8	20.9	0.011	HDPE
ONE 235-60	MH-2743	MH-2744	583.21	582.83	582.04	581.88	15.2	150	0.83	100	1.52	0.3608	0.9	1.02	0.8	35.9	0.011	HDPE
ONE 235-50	MH-1831	MH-3175	566.28	566.04	565.27	565.09	17.8	150	1	100	1.52	0.7325	0.8	0.86	0.8	52.4	0.011	HDPE
ONE 235-60	MH-2798	MH-2799	580.87	580.61	579.82	579.66	15.6	150	0.84	100	1.52	0.3803	0.9	0.91	0.8	36.9	0.011	HDPE
ONE 235-67	MH-4090	MH-4091	558.32	558	555.77	555.69	24.3	1,400.00	2.68	300	346.6984	194.9547	1	1.16	0.91	65.4	0.011	HDPE
ONE 235-60	MH-3280	MH-3281	572.21	572.14	571.14	571.07	18.4	271	1	271	4.9159	2.4361	0.8	0.8	0.8	49.3	0.01	HDPE
ONE 235-39	MH-2899	MH-2900	564.23	564.32	563.28	563.27	9.2	150	0.09	1,000	0.4807	0.0035	0.8	0.8	0.9	16.1	0.011	HDPE
ONE 235-39	MH-3290	MH-4126	564.83	564.9	563.88	563.95	24.5	150	0.31	328	0.8393	0.0541	0.8	0.8	0.8	17.2	0.011	HDPE
ONE 235-60	MH-2413	MH-2143	577.18	576.95	576.16	576	16.1	150	0.99	100	1.52	0.6918	0.8	0.87	0.8	50.8	0.011	HDPE
ONE 235-61	MH-3335	MH-3336	579.32	579.04	578.27	578.09	18.7	150	0.45	100	1.52	0.0447	0.8	0.9	0.8	12.5	0.011	HDPE
ONE 235-60	MH-2829	MH-2954	574.25	574.02	571.32	571.3	16.6	271	0.6	740	2.9758	1.4165	2.6	2.66	2.45	50.8	0.01	HDPE
ONE 235-50	MH-5051	MH-1216	563.53	563.49	562.41	562.47	33.7	217	0.6	585	1.8508	0.999	0.9	0.91	0.8	47.4	0.01	HDPE
ONE 235-39	MH-2900	MH-3051	564.32	564.41	563.27	563.25	17.1	150	0.18	1,000	0.4807	0.0333	1	0.9	1	22.6	0.011	HDPE
ONE 235-60	MH-3193	MH-3194	574.2	573.72	572.95	572.77	17.9	150	1.01	100	1.52	0.7418	0.9	1.09	0.8	52.8	0.011	HDPE
ONE 235-50	MH-5184	MH-5185	562.74	562.49	561.73	561.48	35.7	217	1.13	143	3.7468	1.5353	0.8	0.8	0.8	61.2	0.01	HDPE
ONE 235-60	MH-2799	MH-3213	580.61	580.31	579.54	579.36	18	150	0.85	100	1.52	0.3982	0.9	0.92	0.8	37.8	0.011	HDPE
ONE 235-60	MH-3842	MH-2532	573.13	572.74	571.23	571.2	23.8	271	0.6	772	2.9135	1.5088	1.4	1.63	1.27	66.3	0.01	HDPE
ONE 235-65	MH-3429	MH-3430	565.68	565.76	564.73	564.57	19.4	150	0.6	125	1.3575	0.1555	0.9	0.8	1.04	23.9	0.011	HDPE
ONE 235-41	MH-3442	MH-583	566.95	567.18	566	565.82	19.3	150	0.4	106	1.4787	0.0321	1	0.8	1.21	17.7	0.011	HDPE
ONE 235-65	MH-3881	MH-4115	564.72	564.53	563.77	563.57	24.5	150	1.01	124	1.3649	1.093	0.8	0.8	0.81	71.7	0.011	HDPE
ONE 235-39	MH-366	MH-3290	564.68	564.83	563.73	563.88	18.7	150	0.49	122	1.3737	0.0741	0.8	0.8	0.8	18.4	0.011	HDPE
ONE 235-64	MH-4130	MH-4131	563.31	563.27	561.65	561.62	24.5	271	0.6	870	2.7442	1.8309	1.4	1.39	1.38	60.7	0.01	HDPE
ONE 235-41	MH-5032	MH-5033	566.48	565.85	562.95	562.88	33.4	217	0.6	509	1.9836	0.8108	3	3.32	2.75	47.8	0.01	HDPE
ONE 235-41	MH-4905	MH-4527	567.12	567.51	565.35	565.31	33.8	150	0.26	1,000	0.4807	0.1051	1.8	1.63	2.04	27.4	0.011	HDPE
ONE 235-41	MH-584	MH-391	567.19	567.56	565.8	565.79	16.7	150	0.23	1,000	0.4807	0.0717	1.4	1.24	1.62	21.4	0.011	HDPE
ONE 235-65	MH-5093	MH-5094	567.32	567.15	566.37	566.2	34.4	150	0.66	212	1.045	0.4271	0.8	0.8	0.8	45.7	0.011	HDPE
ONE 235-50	MH-3175	MH-3645	566.04	565.48	564.88	564.53	34.7	150	1.03	100	1.52	0.8037	0.9	1.01	0.8	55.1	0.011	HDPE
ONE 235-65	MH-2242	MH-3217	571.49	571.21	570.5	570.26	23.6	150	0.53	100	1.52	0.0793	0.8	0.84	0.8	16.6	0.011	HDPE
ONE 235-64	MH-5172	MH-4130	563.79	563.31	562.71	562.36	35.5	150	0.74	100	1.52	0.2436	0.9	0.93	0.8	29.3	0.011	HDPE
ONE 235-60	MH-2182	MH-4078	577.93	577.27	576.57	576.32	24.2	150	0.88	100	1.52	0.4386	1	1.21	0.8	39.7	0.011	HDPE
ONE 235-61	MH-4088	MH-1370	578.87	578.42	577.72	577.47	24.3	150	0.56	100	1.52	0.093	0.9	1	0.8	18	0.011	HDPE
ONE 235-64	MH-3456	MH-3457	563.4	563.37	561.89	561.85	19.7	175	0.6	494	1.1349	0.7857	1.3	1.33	1.34	53.9	0.01	HDPE
ONE 235-41	MH-4134	MH-363	566.98	567.43	563.98	563.88	15.5	150	0.6	160	1.2031	0.207	3.1	2.85	3.4	29.6	0.011	HDPE
ONE 235-65	MH-3490	MH-2607	568.43	568.77	567.48	567.68	19.9	150	0.28	100	1.52	0.0098	0.9	0.8	0.94	6	0.011	HDPE
ONE 235-51	MH-5024	MH-4490	561.76	560.83	560.21	559.88	33.2	150	0.78	100	1.52	0.29	1.1	1.4	0.8	37.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-61	MH-5029	MH-4088	579.46	578.87	578.25	577.92	33.3	150	0.52	100	1.52	0.072	0.9	1.07	0.8	15.9	0.011	HDPE
ONE 235-41	MH-5019	MH-4795	566.29	566.66	564.47	564.19	33.4	150	0.6	119	1.3906	0.1456	2	1.66	2.31	25.7	0.011	HDPE
ONE 235-61	MH-4716	MH-3780	575.88	575.29	574.68	574.34	33.5	150	0.84	100	1.52	0.3809	0.9	1.05	0.8	36.9	0.011	HDPE
ONE 235-65	MH-5152	MH-3490	567.93	568.43	566.98	567.33	35.2	150	0.42	100	1.52	0.0345	0.9	0.8	0.95	11	0.011	HDPE
ONE 235-39	MH-5203	MH-327	563.88	564.33	562.3	562.52	35.3	175	0.85	160	1.993	0.5863	1.5	1.4	1.63	38.9	0.01	HDPE
ONE 235-60	MH-3448	MH-1051	575.28	574.96	574.21	574.01	19.7	150	1.11	100	1.672	0.8248	0.9	0.92	0.8	54.5	0.01	HDPE
ONE 235-40	MH-3449	MH-149	565.35	565.24	564.4	564.29	20.9	150	0.28	188	1.1074	0.0194	0.8	0.8	0.8	8.9	0.011	HDPE
ONE 235-41	MH-3587	MH-583	566.79	567.18	565.84	565.82	21	150	0.17	1,000	0.4807	0.0241	1	0.8	1.21	19.9	0.011	HDPE
ONE 235-60	MH-3213	MH-2130	580.31	579.9	579.16	578.95	21.1	150	0.87	100	1.52	0.4262	0.9	1	0.8	39.1	0.011	HDPE
ONE 235-50	MH-3645	MH-3646	565.48	565.17	564.43	564.22	21.2	150	1.05	100	1.52	0.8698	0.8	0.9	0.8	57.6	0.011	HDPE
ONE 235-64	MH-5643	MH-3742	563.88	564.7	561.54	561.47	72.1	271	0.6	934	2.6492	2.0904	2.5	2.06	2.97	63.4	0.01	HDPE
ONE 235-64	MH-6227	MH-6365	566.31	565.85	565.22	564.9	75.9	150	0.66	237	0.9868	0.5145	0.9	0.94	0.8	54.7	0.011	HDPE
ONE 235-65	MH-5983	MH-6370	564.01	564	562.99	562.87	76.7	217	0.63	637	1.7733	1.395	0.9	0.8	0.91	57.3	0.01	HDPE
ONE 235-64	MH-6365	MH-6313	565.85	565.36	564.9	564.41	77	150	0.86	157	1.2129	0.7899	0.8	0.8	0.8	64.5	0.011	HDPE
ONE 235-41	MH-90	MH-3361	566.98	567.88	563.36	563.22	57.4	175	0.6	402	1.2577	0.5682	4	3.44	4.48	48	0.01	HDPE
ONE 235-67	MH-4064	MH-6370	564	564	561.97	562.09	83.2	1,000.00	1.55	700	92.5313	87.8015	1	1.03	0.91	64.9	0.011	HDPE
ONE 235-64	MH-6414	MH-5865	564.77	563.67	563.54	562.72	82.5	150	0.53	100	1.52	0.0774	0.9	1.08	0.8	25.1	0.011	HDPE
ONE 235-64	MH-6416	MH-4090	558.92	558.32	557.97	557.37	82.6	150	1.08	139	1.4158	1.3677	0.8	0.8	0.8	77.5	0.01	HDPE
ONE 235-64	MH-6425	MH-6426	563.19	562.57	562.24	561.62	83.6	150	0.83	134	1.3132	0.5389	0.8	0.8	0.8	46.1	0.011	HDPE
ONE 235-67	MH-4064	MH-5203	564	563.88	561.46	561.37	83.3	1,100.00	1.38	1,000	97.5709	91.8367	1.4	1.44	1.4	61.8	0.011	HDPE
ONE 235-50	MH-962	MH-6262	567.07	566.4	565.21	565.36	83.5	217	0.6	570	1.8756	0.9551	1.2	1.65	0.83	53.9	0.01	HDPE
ONE 235-50	MH-5752	MH-6457	559.67	559.87	557.84	557.71	89.5	217	0.6	647	1.7601	1.1727	1.8	1.61	1.94	51.7	0.01	HDPE
ONE 235-67	MH-4491	MH-4090	561.21	558.32	556.31	556.01	90.7	1,400.00	2.61	300	346.6984	175.0271	2.2	3.5	0.91	51.8	0.011	HDPE
ONE 235-50	MH-5185	MH-6472	562.49	561.73	561.48	560.71	92.4	217	1.41	120	4.0808	2.8737	0.8	0.8	0.8	66	0.01	HDPE
ONE 235-50	MH-6263	MH-6137	564.88	564.3	563.93	563.02	95	150	0.6	104	1.4875	0.1226	1	0.8	1.14	20.8	0.011	HDPE
ONE 235-64	MH-5474	MH-6500	563.2	561.69	561.72	560.74	97.8	150	0.72	100	1.52	0.2207	1.1	1.33	0.8	40.9	0.011	HDPE
ONE 235-50	MH-6508	MH-5051	563.25	563.53	561.98	562.41	98.5	217	0.87	230	2.9534	1.1051	1	1.05	0.91	44.6	0.01	HDPE
ONE 235-67	MH-3743	MH-6528	565.1	565.45	560.61	560.51	104.7	1,100.00	1.38	1,000	97.5709	94.7935	3.6	3.39	3.84	62.5	0.011	HDPE
ONE 235-50	MH-6261	MH-2097	561.33	560.52	560.23	559.57	106.9	150	0.78	163	1.1917	0.5518	0.9	0.95	0.8	50.9	0.011	HDPE
ONE 235-50	MH-6472	MH-6550	561.73	561.33	560.65	560.26	111.5	271	1.05	283	4.8159	3.1637	0.8	0.8	0.8	61.2	0.01	HDPE
ONE 235-50	MH-963	MH-6137	567.06	564.3	563.74	563.29	45	217	1.22	100	4.476	1.2465	2	3.11	0.8	40.9	0.01	HDPE
ONE 235-50	MH-6550	MH-6564	561.33	560.89	560.26	559.82	118.6	271	1.11	270	4.9255	3.7413	0.8	0.8	0.8	64.5	0.01	HDPE
ONE 235-64	MH-6500	MH-6517	561.69	564.09	560.74	560.4	122.3	150	0.6	357	0.8845	0.4777	2.2	0.8	3.54	48.4	0.01	HDPE
ONE 235-64	MH-6036	MH-6254	565.92	563.44	563.84	562.49	134.4	150	0.7	100	1.52	0.1993	1.4	1.93	0.8	35.8	0.011	HDPE
ONE 235-65	MH-3430	MH-4975	565.76	565.27	564.5	563.47	140	217	1.11	136	3.8408	1.3112	1.3	1.04	1.58	43.5	0.01	HDPE
ONE 235-50	MH-6599	MH-6319	570.01	568.09	568.52	567.14	138.1	150	0.68	100	1.52	0.1798	1.1	1.34	0.8	25.1	0.011	HDPE
ONE 235-64	MH-6623	MH-3456	565.59	563.4	564.02	562.45	156.7	150	0.64	100	1.52	0.1477	1.1	1.42	0.8	22.7	0.011	HDPE
ONE 235-64	MH-6426	MH-6416	562.57	558.92	559.85	557.97	188.6	150	1.06	100	1.52	0.9141	1.7	2.57	0.8	70.5	0.011	HDPE
ONE 235-67	MH-4975	MH-6370	565.27	564	562.79	562.19	189.3	900	2.12	313	102.1007	86.3098	1.2	1.58	0.91	69.1	0.011	HDPE
ONE 235-64	MH-6654	MH-6425	567.02	563.19	564.23	562.24	198.8	150	0.54	100	1.52	0.0828	1.7	2.64	0.8	33.2	0.011	HDPE
ONE 235-67	MH-5203	MH-3743	563.88	565.1	561.37	560.61	333.8	1,100.00	1.93	439	147.331	92.5489	2.4	1.4	3.39	63	0.011	HDPE
CO-177	MH-3501	MH-2095	571.63	571.26	570.49	570.31	18.1	150	0.58	100	1.52	0.1059	0.9	0.99	0.8	19.2	0.011	HDPE
CO-178	MH-4965	MH-5779	570.18	569.53	569.02	568.58	43.5	150	0.96	100	1.52	0.6184	0.9	1.01	0.8	47.7	0.011	HDPE
CO-183	MH-4491	MH-6517	561.21	564.09	558.89	559.15	92.1	1,400.00	2.44	360	316.2932	174.5746	2.2	0.91	3.54	53.2	0.011	HDPE
CO-185	MH-3608	MH-6673	572.59	572.23	571.47	571.28	19.3	150	0.37	100	1.52	0.0228	0.9	0.96	0.8	9	0.011	HDPE
CO-187	MH-3501	MH-6673	571.63	572.23	570.68	570.93	25.2	150	0.4	100	1.52	0.0305	1	0.8	1.15	10.4	0.011	HDPE
CO-305	MH-6262	MH-6718	566.4	566.7	565.42	565.75	100.5	150	0.38	307	0.8671	0.0941	0.8	0.83	0.8	24.7	0.011	HDPE
CO-306	MH-6319	MH-6262	568.09	566.4	565.67	565.42	90.2	150	0.6	368	0.7921	0.7196	1.5	2.27	0.83	64.6	0.011	HDPE
CO-372	MH-4091	MH-6746	558	558.49	555.59	555.54	41.5	1,500.00	1.68	1,000	223.1087	195.5699	1.2	0.91	1.45	70.6	0.011	HDPE
CO-374	MH-6746	MH-6747	558.49	559.03	555.54	555.5	46.2	1,500.00	1.68	1,000	223.1087	195.6698	1.7	1.45	2.04	70.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-376	MH-6747	MH-6748	559.03	559.42	555.5	555.47	32.8	1,500.00	1.68	1,000	223.1087	195.831	2.2	2.04	2.46	70.3	0.011	HDPE
CO-377	MH-6748	MH-6457	559.42	559.87	555.47	555.43	37.9	1,500.00	1.68	1,000	223.1087	195.9843	2.7	2.46	2.94	70.2	0.011	HDPE
CO-378	MH-6457	MH-6749	559.87	559.93	555.43	555.39	39.7	1,500.00	1.68	1,000	223.1087	197.3384	3	2.94	3.04	69.9	0.011	HDPE
CO-380	MH-6749	MH-6750	559.93	560.01	555.39	555.34	48.2	1,500.00	1.68	1,000	223.1087	197.5388	3.1	3.04	3.17	69.6	0.011	HDPE
CO-382	MH-6750	MH-6751	560.01	560.12	555.34	555.27	65.6	1,500.00	1.68	1,000	223.1087	197.7222	3.3	3.17	3.34	69.1	0.011	HDPE
CO-384	MH-6751	MH-6752	560.12	560.3	555.27	555.16	113.7	1,500.00	1.68	1,000	223.1087	198.1971	3.5	3.34	3.64	67.6	0.011	HDPE
CO-385	MH-6752	MH-6559	560.3	560.46	555.16	555.06	96	1,500.00	1.68	1,000	223.1087	198.8298	3.8	3.64	3.9	64.7	0.011	HDPE
CO-388	MH-6564	MH-6754	560.89	560.6	559.82	559.39	80.7	271	1.31	189	5.8874	4.1798	0.9	0.8	0.94	70.1	0.01	HDPE
CO-389	MH-6754	MH-6560	560.6	560.26	559.39	559.07	97	271	1.09	300	4.7818	4.3888	0.9	0.94	0.91	70.9	0.01	HDPE
CO-438	MH-6508	MH-5185	563.25	562.49	561.98	561.48	50.7	217	1.22	100	4.476	1.2453	0.9	1.05	0.8	58.5	0.01	HDPE
CO-439	MH-4948	MH-5801	560.46	559.68	559.2	558.66	54.3	217	1.12	101	4.4464	0.9235	0.9	1.05	0.8	35	0.01	HDPE
CO-518	MH-6528	MH-6806	565.45	565.03	560.21	560.17	34.4	1,400.00	1.62	1,000	185.6156	173.5769	3.7	3.84	3.46	63.9	0.011	HDPE
CO-519	MH-6806	MH-6517	565.03	564.09	560.17	560.06	78.1	1,400.00	1.88	700	226.9674	173.9253	3	3.46	2.63	57.9	0.011	HDPE
CO-520	MH-4648	MH-6806	565.67	565.03	564.34	564.08	25.3	150	0.74	100	1.52	0.2451	1	1.18	0.8	29.4	0.011	HDPE
ONE 235-41	MH-3358	MH-3359	566.5	566.74	565.55	565.38	19.4	150	0.41	114	1.4207	0.0377	1	0.8	1.21	19	0.011	HDPE
CO-1	MH-4471	MH-3292	585.17	584.63	583.93	583.68	25	150	0.66	100	1.52	0.1615	0.9	1.09	0.8	23.8	0.011	HDPE
ONE 235-60	MH-1369	MH-1370	578.56	578.42	577.54	577.47	6.7	150	0.94	100	1.52	0.5783	0.8	0.87	0.8	46.1	0.011	HDPE
ONE 235-39	MH-189	MH-190	565.5	565.5	564.52	564.55	26.2	150	0.23	1,000	0.4807	0.0766	0.8	0.83	0.8	22.1	0.011	HDPE
ONE 235-50	MH-962	MH-963	567.07	567.06	565.21	565.1	69.4	217	0.6	641	1.7682	1.1539	1.7	1.65	1.74	51.1	0.01	HDPE
ONE 235-50	MH-1060	MH-1061	560.47	560.46	559.52	559.33	27.4	150	0.6	139	1.2902	0.176	0.9	0.8	0.98	25.8	0.011	HDPE
ONE 235-39	MH-431	MH-432	565.44	565.43	562.85	562.75	25.4	150	0.6	262	0.9399	0.3967	2.5	2.44	2.53	45.8	0.011	HDPE
ONE 235-41	MH-89	MH-90	566.98	566.98	563.42	563.36	22.5	175	0.6	396	1.2676	0.5548	3.4	3.39	3.44	46.1	0.01	HDPE
ONE 235-60	MH-2532	MH-3764	572.74	572.33	571.2	571.16	35.2	271	0.6	983	2.5824	2.3773	1.1	1.27	0.89	67.7	0.01	HDPE
ONE 235-60	MH-2130	MH-2131	579.9	579.71	578.88	578.76	11.5	150	0.88	100	1.52	0.4475	0.8	0.87	0.8	40.2	0.011	HDPE
ONE 235-41	MH-363	MH-364	567.43	567.43	563.88	563.79	14.4	150	0.6	166	1.1795	0.2175	3.4	3.4	3.49	38.2	0.011	HDPE
ONE 235-39	MH-1256	MH-1257	565.65	565.76	564.7	564.75	4.9	150	0.41	100	1.52	0.0319	0.8	0.8	0.86	10.6	0.011	HDPE
ONE 235-41	MH-597	MH-1304	564	564	562.66	562.64	16.1	271	0.6	766	2.926	1.4889	1.1	1.07	1.09	48.1	0.01	HDPE
ONE 235-41	MH-1946	MH-377	565.49	565.62	564.54	564.53	11.9	150	0.2	1,000	0.4807	0.0484	0.9	0.8	0.94	26.8	0.011	HDPE
ONE 235-41	MH-583	MH-584	567.18	567.19	565.82	565.8	17.8	150	0.22	1,000	0.4807	0.0619	1.2	1.21	1.24	24.9	0.011	HDPE
ONE 235-61	MH-2858	MH-2859	578.15	577.96	577.17	577.01	16	150	0.31	100	1.52	0.0127	0.8	0.83	0.8	9.7	0.011	HDPE
ONE 235-64	MH-1447	MH-1448	563.94	563.98	562.42	562.39	7.2	150	0.6	219	1.0264	0.3137	1.4	1.38	1.44	39.1	0.011	HDPE
ONE 235-60	MH-2016	MH-2017	583.51	583.3	582.45	582.35	10.8	150	0.39	100	1.52	0.0281	0.9	0.91	0.8	10	0.011	HDPE
ONE 235-60	MH-2131	MH-1798	579.71	579.39	578.6	578.44	16.1	150	0.9	100	1.52	0.4812	0.9	0.96	0.8	41.7	0.011	HDPE
ONE 235-65	MH-3607	MH-3608	572.99	572.59	571.86	571.64	21.6	150	0.33	100	1.52	0.0163	0.9	0.99	0.8	7.7	0.011	HDPE
ONE 235-59	MH-3254	MH-3255	561.28	560.92	560.15	559.97	18.2	150	0.84	100	1.52	0.3783	0.9	0.98	0.8	36.8	0.011	HDPE
ONE 235-50	MH-2097	MH-1061	560.52	560.46	559.57	559.51	11.2	150	0.8	171	1.1621	0.6539	0.8	0.8	0.8	53.1	0.011	HDPE
ONE 235-39	MH-1257	MH-3285	565.76	566.09	564.81	564.99	17.7	150	0.25	100	1.52	0.0071	0.9	0.8	0.96	5.1	0.011	HDPE
ONE 235-50	MH-2112	MH-1216	563.93	563.49	562.65	562.54	11.3	150	1.07	100	1.52	0.9679	1	1.13	0.8	61.2	0.011	HDPE
ONE 235-65	MH-2607	MH-1425	568.77	569.01	567.82	567.97	14.4	150	0.21	100	1.52	0.0037	0.8	0.8	0.89	3.7	0.011	HDPE
ONE 235-41	MH-1004	MH-391	567.6	567.56	563.14	563.11	13.6	175	0.6	459	1.1767	0.6951	4.3	4.29	4.27	57.6	0.01	HDPE
ONE 235-60	MH-1006	MH-1007	576.22	576.19	575.27	575.24	13.1	150	0.65	380	0.8577	0.7511	0.8	0.8	0.8	63.6	0.01	HDPE
ONE 235-65	MH-2241	MH-2242	571.63	571.49	570.68	570.5	29.7	150	0.4	168	1.1742	0.0558	0.8	0.8	0.84	16.5	0.011	HDPE
ONE 235-64	MH-1736	MH-1447	563.81	563.94	562.46	562.42	9	150	0.6	214	1.0391	0.3013	1.3	1.2	1.38	36.9	0.011	HDPE
ONE 235-60	MH-1051	MH-1052	574.96	574.91	571.44	571.43	4.2	217	0.6	568	1.8779	0.9515	3.3	3.3	3.26	64.5	0.01	HDPE
ONE 235-60	MH-1798	MH-1799	579.39	579.21	578.36	578.26	9.4	150	0.92	100	1.52	0.5191	0.8	0.88	0.8	43.5	0.011	HDPE
ONE 235-65	MH-1818	MH-1819	571.12	571	570.14	570.05	9.5	150	0.61	100	1.52	0.1213	0.8	0.83	0.8	20.6	0.011	HDPE
ONE 235-65	MH-2343	MH-2344	575.04	575.3	574.09	574.35	35.7	150	0.38	139	1.2889	0.0361	0.8	0.8	0.8	11.7	0.011	HDPE
ONE 235-39	MH-1927	MH-1928	564.16	564.22	562.89	562.81	10.2	150	0.6	146	1.2586	0.1864	1.2	1.13	1.26	34.4	0.011	HDPE
ONE 235-60	MH-1366	MH-1367	579.96	579.82	579.01	578.82	36	150	0.6	190	1.103	0.2587	0.8	0.8	0.85	32.7	0.011	HDPE
ONE 235-41	MH-1304	MH-4064	564	564	562.64	562.62	11.9	271	0.6	773	2.9109	1.5123	1.1	1.09	1.11	42.7	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-60	MH-2017	MH-2037	583.3	583.13	582.29	582.18	10.9	150	0.45	100	1.52	0.0461	0.8	0.85	0.8	12.7	0.011	HDPE
ONE 235-60	MH-2531	MH-2532	572.99	572.74	571.92	571.79	13	150	1.04	100	1.52	0.8547	0.9	0.92	0.8	57.1	0.011	HDPE
ONE 235-60	MH-2163	MH-2798	581.16	580.87	580.09	579.92	16.6	150	0.83	100	1.52	0.3683	0.9	0.92	0.8	36.3	0.011	HDPE
ONE 235-60	MH-2162	MH-2163	581.4	581.16	580.32	580.21	11.7	150	0.82	100	1.52	0.3446	0.9	0.93	0.8	35	0.011	HDPE
ONE 235-60	MH-1660	MH-1661	578.97	578.78	577.92	577.83	8.5	150	0.92	100	1.52	0.5303	0.9	0.9	0.8	44	0.011	HDPE
ONE 235-41	MH-2258	MH-2259	565.95	566.09	565	564.91	13.1	150	0.34	150	1.2404	0.028	0.9	0.8	1.02	11.3	0.011	HDPE
ONE 235-60	MH-2144	MH-2709	576.76	576.52	575.72	575.57	15.1	150	1	100	1.52	0.7168	0.8	0.89	0.8	51.8	0.011	HDPE
ONE 235-60	MH-2715	MH-2716	582.28	582.02	581.22	581.07	15.1	150	0.42	100	1.52	0.0366	0.9	0.91	0.8	11.3	0.011	HDPE
ONE 235-65	MH-2336	MH-2337	570.72	570.57	569.75	569.62	12.7	150	0.63	100	1.52	0.1402	0.8	0.82	0.8	22.1	0.011	HDPE
ONE 235-50	MH-1830	MH-1831	566.41	566.28	565.42	565.33	9.6	150	0.99	100	1.52	0.6964	0.8	0.83	0.8	51	0.011	HDPE
ONE 235-60	MH-3191	MH-3192	572.02	572.02	570.95	570.93	17.9	271	0.6	995	2.5659	2.5328	0.8	0.8	0.82	58.1	0.01	HDPE
ONE 235-60	MH-2828	MH-2829	574.51	574.25	571.4	571.37	15.8	217	0.6	704	1.6868	1.3856	2.8	2.89	2.66	55.9	0.01	HDPE
ONE 235-60	MH-2412	MH-2413	577.48	577.18	576.37	576.23	13.3	150	0.99	100	1.52	0.6869	0.9	0.97	0.8	50.6	0.011	HDPE
ONE 235-65	MH-3217	MH-2665	571.21	570.99	570.22	570.04	18	150	0.56	100	1.52	0.0952	0.8	0.84	0.8	18.2	0.011	HDPE
ONE 235-39	MH-1257	MH-2471	565.76	565.89	564.81	564.94	13.5	150	0.36	101	1.5092	0.0206	0.8	0.8	0.8	8.6	0.011	HDPE
ONE 235-39	MH-190	MH-1256	565.5	565.65	564.55	564.68	13.3	150	0.44	100	1.52	0.0411	0.8	0.8	0.83	19.7	0.011	HDPE
ONE 235-60	MH-1661	MH-1369	578.78	578.56	577.72	577.61	10.9	150	0.94	100	1.52	0.5609	0.9	0.91	0.8	45.3	0.011	HDPE
ONE 235-65	MH-2095	MH-1818	571.26	571.12	570.3	570.17	13.7	150	0.59	100	1.52	0.1124	0.8	0.8	0.8	19.8	0.011	HDPE
ONE 235-61	MH-2978	MH-2979	578.12	577.77	576.99	576.82	16.7	150	0.64	100	1.52	0.1497	0.9	0.98	0.8	22.9	0.011	HDPE
ONE 235-41	MH-3361	MH-3362	567.88	568.12	563.22	563.18	18.9	175	0.6	424	1.2246	0.614	4.6	4.48	4.77	51.6	0.01	HDPE
ONE 235-60	MH-2143	MH-2144	576.95	576.76	575.93	575.81	11.5	150	0.99	100	1.52	0.7017	0.8	0.87	0.8	51.1	0.011	HDPE
ONE 235-60	MH-2181	MH-2182	578.18	577.93	577.1	576.98	11.7	150	0.86	100	1.52	0.4227	0.9	0.93	0.8	39	0.011	HDPE
ONE 235-41	MH-377	MH-3919	565.62	565.92	564.53	564.51	22.4	150	0.25	1,000	0.4807	0.0894	1.1	0.94	1.26	31	0.011	HDPE
ONE 235-60	MH-1799	MH-1660	579.21	578.97	578.14	578.02	12	150	0.92	100	1.52	0.5232	0.9	0.92	0.8	43.6	0.011	HDPE
ONE 235-21	MH-1857	MH-675	595.45	595.09	594.32	594.12	20.9	175	1.02	100	2.5221	0.6249	0.9	0.95	0.8	38	0.01	HDPE
ONE 235-71	MH-2917	MH-2853	585.73	585.16	584.42	584.21	21.4	150	0.53	100	1.52	0.0756	1	1.16	0.8	16.2	0.011	HDPE
ONE 235-61	MH-3672	MH-2406	594.65	595.07	593.7	593.92	21.4	150	0.66	100	1.52	0.1655	0.9	0.8	1.01	24.1	0.011	HDPE
ONE 235-31	MH-2161	MH-3673	590.34	590.29	589.35	589.17	21.4	150	0.68	114	1.4209	0.2115	0.9	0.84	0.98	27.7	0.011	HDPE
ONE 235-54	MH-2221	MH-3674	581.07	581.02	580.12	580.07	21.1	150	0.29	427	0.7353	0.0557	0.8	0.8	0.8	22.1	0.011	HDPE
ONE 235-56	MH-3675	MH-3313	579.73	579.33	578.6	578.38	21.4	150	0.28	100	1.52	0.0095	0.9	0.98	0.8	5.9	0.011	HDPE
ONE 235-53	MH-3679	MH-2420	574.88	575.16	573.93	573.91	21.4	150	0.18	1,000	0.4807	0.0303	0.9	0.8	1.1	17.8	0.011	HDPE
ONE 235-33	MH-1113	MH-855	591.57	591.59	590.59	590.46	21.4	150	0.6	154	1.2254	0.2	0.9	0.82	0.98	31.2	0.011	HDPE
ONE 235-32	MH-3680	MH-367	591.98	592.12	589.54	589.33	21.4	150	0.6	104	1.4924	0.1218	2.5	2.29	2.64	20.7	0.011	HDPE
ONE 235-64	MH-2403	MH-3016	596.85	596.47	595.73	595.52	21.5	150	0.56	100	1.52	0.0955	0.9	0.97	0.8	18.2	0.011	HDPE
ONE 235-31	MH-3691	MH-3692	595.4	595.06	594.33	594.11	21.5	150	0.61	100	1.52	0.1229	0.9	0.92	0.8	20.7	0.011	HDPE
ONE 235-19	MH-3693	MH-3694	587.12	586.66	585.92	585.71	21.5	150	0.76	100	1.52	0.2616	0.9	1.05	0.8	30.4	0.011	HDPE
ONE 235-33	MH-3695	MH-2755	593.75	593.97	592.8	593.02	21.5	150	0.72	100	1.52	0.218	0.8	0.8	0.8	31.4	0.011	HDPE
ONE 235-99	MH-3696	MH-3151	596.83	596.48	595.74	595.53	21.5	150	0.48	100	1.52	0.057	0.9	0.94	0.8	14.1	0.011	HDPE
ONE 235-30	MH-3289	MH-2528	588.54	588.53	587.5	587.47	21.5	150	0.23	1,000	0.4807	0.0736	0.9	0.9	0.9	33.3	0.011	HDPE
ONE 235-19	MH-3697	MH-3698	578.88	579.03	576.23	576.13	21.5	150	0.6	204	1.0654	0.2855	2.6	2.5	2.75	36	0.011	HDPE
ONE 235-59	MH-3122	MH-3701	580.77	580.25	579	578.81	21.5	150	0.6	119	1.3953	0.1444	1.5	1.63	1.28	25.4	0.011	HDPE
ONE 235-5	MH-3704	MH-3656	572.23	571.97	571.2	571.02	17.4	150	0.32	100	1.52	0.0151	0.8	0.88	0.8	7.4	0.011	HDPE
ONE 235-11	MH-3709	MH-802	592.09	591.94	591.14	590.99	21.5	150	0.37	143	1.2692	0.0358	0.8	0.8	0.8	12.4	0.011	HDPE
ONE 235-54	MH-1263	MH-1280	582.71	582.41	581.68	581.46	21.6	150	0.62	100	1.52	0.1295	0.8	0.88	0.8	21.2	0.011	HDPE
ONE 235-67	MH-3711	MH-3712	572.46	572.39	570.38	570.36	21.6	1,000.00	1.28	1,000	75.6728	64.792	1.1	1.07	1.03	53.8	0.011	HDPE
ONE 235-55	MH-1985	MH-3716	574.94	574.47	573.74	573.52	21.6	150	0.98	100	1.52	0.6558	0.9	1.05	0.8	49.3	0.011	HDPE
ONE 235-64	MH-3262	MH-3219	570.43	570.03	569.3	569.08	21.6	150	0.6	100	1.52	0.1193	0.9	0.98	0.8	20.4	0.011	HDPE
ONE 235-34	MH-3718	MH-1650	588.18	587.57	586.83	586.62	21.6	150	0.6	100	1.52	0.1162	1	1.19	0.8	22.3	0.011	HDPE
ONE 235-61	MH-3726	MH-44	594.89	595.23	592.54	592.58	26.3	217	0.6	688	1.7062	1.3164	2.3	2.13	2.43	55	0.01	HDPE
ONE 235-56	MH-3098	MH-3368	576.18	575.72	574.99	574.77	21.7	150	0.44	100	1.52	0.0406	0.9	1.05	0.8	14.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-11	MH-1233	MH-2808	588.22	587.95	587.22	587	21.8	150	0.73	100	1.52	0.2295	0.8	0.84	0.8	28.4	0.011	HDPE
DNE 235-6	MH-3727	MH-2589	597.96	597.68	596.94	596.73	21.8	150	0.64	100	1.52	0.1479	0.8	0.87	0.8	22.7	0.011	HDPE
DNE 235-34	MH-3258	MH-193	582.64	582.94	581.69	581.67	21.8	150	0.19	1,000	0.4807	0.0359	1	0.8	1.11	23.8	0.011	HDPE
DNE 235-11	MH-3733	MH-2924	590.79	590.87	589.81	589.78	21.8	150	0.23	1,000	0.4807	0.0755	0.9	0.83	0.93	22.8	0.011	HDPE
DNE 235-3	MH-2982	MH-2320	590.2	589.97	589.24	589.02	21.8	150	0.48	100	1.52	0.0565	0.8	0.81	0.8	14.1	0.011	HDPE
DNE 235-53	MH-3734	MH-3735	572.84	572.64	571.64	571.44	21.8	400	1.5	111	19.7678	4.4841	0.8	0.8	0.8	36.2	0.011	HDPE
DNE 235-24	MH-3022	MH-2322	575.8	575.77	574.85	574.82	21.8	150	0.18	598	0.6214	0.018	0.8	0.8	0.8	11	0.011	HDPE
DNE 235-24	MH-3738	MH-251	581.2	580.72	579.97	579.75	21.9	175	1.03	100	2.5221	0.6362	0.9	1.05	0.8	38.3	0.01	HDPE
DNE 235-7	MH-1628	MH-3741	586.11	585.52	584.79	584.57	21.9	150	0.75	100	1.52	0.2539	1	1.18	0.8	29.9	0.011	HDPE
DNE 235-55	MH-1080	MH-2892	577.13	576.74	575.95	575.79	21.9	150	0.75	138	1.2947	0.3866	0.9	1.03	0.8	38.7	0.011	HDPE
DNE 235-3	MH-3751	MH-3752	591.04	591.35	590.09	590.31	21.9	150	0.63	100	1.52	0.1378	0.8	0.8	0.88	21.9	0.011	HDPE
DNE 235-10	MH-3198	MH-3216	589.35	589.18	588.4	588.23	22.1	150	0.51	128	1.3423	0.0919	0.8	0.8	0.8	18.4	0.011	HDPE
DNE 235-30	MH-3758	MH-3077	595.84	595.5	594.77	594.55	21.9	150	0.65	100	1.52	0.1514	0.9	0.92	0.8	23	0.011	HDPE
DNE 235-8	MH-3761	MH-3762	593.88	593.63	592.9	592.68	21.9	150	0.43	100	1.52	0.0385	0.8	0.83	0.8	11.6	0.011	HDPE
DNE 235-33	MH-803	MH-2138	591.93	592.24	590.35	590.44	22	150	0.6	253	0.9563	0.3782	1.5	1.43	1.65	45.1	0.011	HDPE
DNE 235-2	MH-3767	MH-3768	592.77	592.45	591.72	591.5	22	150	0.32	100	1.52	0.0142	0.9	0.9	0.8	7.2	0.011	HDPE
DNE 235-11	MH-3769	MH-3709	592.23	592.09	591.28	591.14	22	150	0.3	155	1.2207	0.0192	0.8	0.8	0.8	10.3	0.011	HDPE
DNE 235-8	MH-3637	MH-3772	594.2	593.96	593.23	593.01	22	150	0.45	100	1.52	0.046	0.8	0.81	0.8	15	0.011	HDPE
DNE 235-12	MH-3139	MH-1410	573.59	573.16	572.43	572.21	22	150	0.26	100	1.52	0.0075	0.9	1.01	0.8	5.2	0.011	HDPE
DNE 235-56	MH-2512	MH-3225	578.74	578.49	577.36	577.23	22.3	150	0.42	171	1.1636	0.0656	1.2	1.23	1.11	26.4	0.011	HDPE
DNE 235-53	MH-1766	MH-2113	575.99	575.76	573.49	573.47	22.1	400	0.62	1,000	6.573	3.3263	2	2.1	1.89	48.6	0.011	HDPE
DNE 235-61	MH-3775	MH-2186	588.79	588.31	587.58	587.36	22.1	150	0.57	100	1.52	0.0999	0.9	1.07	0.8	18.7	0.011	HDPE
DNE 235-6	MH-3208	MH-3672	594.2	594.65	593.25	593.47	22.1	150	0.69	100	1.52	0.1857	0.9	0.8	1.03	25.5	0.011	HDPE
DNE 235-35	MH-1368	MH-3781	573.3	573.27	572.2	572.32	22.1	150	0.21	180	1.1341	0.0071	0.9	0.95	0.8	11.7	0.011	HDPE
DNE 235-55	MH-3782	MH-1190	580	579.59	577.74	577.6	22.1	150	0.6	165	1.1823	0.2164	2	2.11	1.84	30.1	0.011	HDPE
DNE 235-8	MH-3783	MH-3055	599.17	598.71	597.98	597.76	22.1	150	0.28	100	1.52	0.0092	0.9	1.04	0.8	5.8	0.011	HDPE
DNE 235-7	MH-2902	MH-2494	583.38	582.78	582.05	581.83	22.1	150	0.8	100	1.52	0.3243	1	1.18	0.8	34	0.011	HDPE
DNE 235-61	MH-3791	MH-3792	582.12	581.66	580.31	580.27	22.2	271	0.73	554	3.438	2.0381	1.3	1.55	1.12	49.5	0.01	HDPE
DNE 235-6	MH-916	MH-2563	595.94	596.22	594.99	595.15	15.9	150	0.89	100	1.52	0.4612	0.9	0.8	0.92	47.7	0.011	HDPE
DNE 235-52	MH-2560	MH-3797	577.27	576.93	574.81	574.78	22.2	271	0.6	894	2.7082	1.9184	2	2.19	1.88	59.2	0.01	HDPE
DNE 235-2	MH-2441	MH-1757	593.26	592.97	592.24	592.02	22.2	150	0.73	100	1.52	0.2283	0.8	0.87	0.8	28.3	0.011	HDPE
DNE 235-51	MH-3798	MH-3799	569.88	569.61	568.89	568.66	22.2	150	0.7	100	1.52	0.2044	0.8	0.84	0.8	26.8	0.011	HDPE
DNE 235-11	MH-3802	MH-3803	594.11	593.72	593.05	592.77	27.4	150	0.66	100	1.52	0.1634	0.9	0.91	0.8	23.9	0.011	HDPE
DNE 235-64	MH-3220	MH-3804	569.73	569.29	568.56	568.34	22.2	150	0.69	100	1.52	0.1858	0.9	1.02	0.8	25.5	0.011	HDPE
DNE 235-9	MH-3805	MH-2920	590.01	589.97	589.06	589.02	22.2	150	0.24	586	0.6279	0.0463	0.8	0.8	0.8	16.7	0.011	HDPE
DNE 235-8	MH-3808	MH-178	583.68	583.58	582.73	582.53	22.2	150	0.6	112	1.4342	0.1352	0.9	0.8	0.9	35.4	0.011	HDPE
DNE 235-56	MH-3812	MH-3813	577.89	577.93	576.94	576.92	22.3	150	0.15	1,000	0.4807	0.0157	0.8	0.8	0.87	16.4	0.011	HDPE
DNE 235-53	MH-3814	MH-3815	585.59	586.1	584.64	584.44	22.3	150	0.6	109	1.455	0.1308	1.2	0.8	1.51	25.1	0.011	HDPE
DNE 235-33	MH-3819	MH-2629	594.32	594.52	593.37	593.57	22.3	150	0.56	110	1.4517	0.1038	0.8	0.8	0.8	22.3	0.011	HDPE
DNE 235-5	MH-1505	MH-723	569.96	569.97	569.01	568.8	22.3	150	0.6	104	1.4905	0.1244	0.9	0.8	1.02	25.1	0.011	HDPE
DNE 235-10	MH-3502	MH-2553	590.02	589.74	589.02	588.79	22.3	150	0.44	100	1.52	0.0402	0.8	0.85	0.8	11.9	0.011	HDPE
DNE 235-67	MH-2148	MH-3673	589.89	590.29	588.69	588.92	22.4	400	1.45	100	20.7858	3.5672	0.9	0.8	0.98	31.8	0.011	HDPE
DNE 235-9	MH-3822	MH-2579	597.84	597.41	596.68	596.46	22.4	150	0.43	100	1.52	0.0392	0.9	1.01	0.8	11.7	0.011	HDPE
DNE 235-16	MH-3823	MH-3294	591.04	591.25	590.09	590.01	22.4	150	0.6	275	0.9165	0.4274	0.9	0.8	1.09	48.2	0.011	HDPE
DNE 235-18	MH-3824	MH-840	585.91	585.39	584.66	584.44	22.5	150	0.73	100	1.52	0.2267	0.9	1.1	0.8	32.6	0.011	HDPE
DNE 235-11	MH-3826	MH-3827	591.2	590.96	590.23	590.01	22.4	150	0.44	100	1.52	0.0416	0.8	0.82	0.8	12.1	0.011	HDPE
DNE 235-12	MH-3348	MH-2377	574.06	574.16	572.96	572.86	22.4	150	0.23	223	1.0169	0.0119	1.1	0.95	1.15	15.1	0.011	HDPE
DNE 235-11	MH-3828	MH-3733	590.78	590.79	589.83	589.81	22.4	150	0.22	1,000	0.4807	0.0611	0.8	0.8	0.83	25.2	0.011	HDPE
DNE 235-56	MH-2347	MH-2114	575.98	575.49	574.76	574.54	22.5	150	0.61	100	1.52	0.1237	0.9	1.07	0.8	20.8	0.011	HDPE
DNE 235-7	MH-177	MH-2717	583.58	583.59	582.53	582.45	22.5	150	0.6	284	0.9021	0.4474	0.9	0.91	0.99	49.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-51	MH-3843	MH-3844	565.71	565.28	564.55	564.33	22.5	150	0.95	100	1.52	0.582	0.9	1.01	0.8	46.2	0.011	HDPE
DNE 235-3	MH-3586	MH-2489	591.5	591.25	590.53	590.3	22.5	150	0.33	100	1.52	0.0162	0.8	0.83	0.8	7.6	0.011	HDPE
DNE 235-9	MH-3845	MH-3696	597.19	596.83	596.11	595.88	22.5	150	0.44	100	1.52	0.0406	0.9	0.93	0.8	11.9	0.011	HDPE
DNE 235-24	MH-2425	MH-1008	584.21	583.93	583.09	582.86	22.6	271	1.46	100	8.0956	2.5379	0.8	0.85	0.8	50.2	0.01	HDPE
DNE 235-1	MH-2061	MH-439	596.72	597.26	595.7	595.83	12.4	217	1.13	100	4.476	0.9365	1	0.8	1.21	35.2	0.01	HDPE
DNE 235-12	MH-3855	MH-3856	574.37	574.51	573.24	573.22	22.6	150	0.21	1,000	0.4807	0.0529	1.1	0.98	1.14	23.9	0.011	HDPE
DNE 235-34	MH-3567	MH-3857	578.38	578.55	577.43	577.6	22.7	150	0.82	135	1.31	0.5141	0.8	0.8	0.8	45	0.011	HDPE
DNE 235-35	MH-3858	MH-1191	575.68	575.12	574.39	574.17	22.7	150	0.35	100	1.52	0.0197	1	1.13	0.8	8.3	0.011	HDPE
DNE 235-54	MH-3315	MH-3594	579.69	579.1	577.98	577.79	22.7	217	1.03	117	4.1324	0.8452	1.3	1.49	1.09	37.8	0.01	HDPE
DNE 235-32	MH-3867	MH-3868	578.96	579.04	578.01	577.99	22.7	150	0.17	1,000	0.4807	0.0243	0.9	0.8	0.9	19.8	0.011	HDPE
DNE 235-24	MH-3326	MH-3627	587.42	587.34	586.47	586.39	22.7	150	0.39	274	0.918	0.0875	0.8	0.8	0.8	26	0.011	HDPE
DNE 235-55	MH-3871	MH-3782	580.38	580	577.89	577.74	22.7	150	0.6	153	1.2289	0.1984	2.2	2.34	2.11	29.3	0.011	HDPE
DNE 235-7	MH-1653	MH-177	584.21	583.58	582.86	582.63	22.8	150	0.78	100	1.52	0.298	1	1.2	0.8	32.5	0.011	HDPE
DNE 235-3	MH-809	MH-1509	589.27	589.61	588.23	588.28	22.8	175	0.6	397	1.2656	0.5574	1	0.87	1.16	44.6	0.01	HDPE
DNE 235-54	MH-3397	MH-3156	579.29	578.85	577.48	577.46	22.8	400	0.63	1,000	7.2303	2.7584	1.2	1.41	0.99	40.4	0.01	HDPE
DNE 235-33	MH-988	MH-1697	592.15	592.41	590.1	590.05	22.8	175	0.6	393	1.2717	0.5494	2	1.88	2.19	50.9	0.01	HDPE
DNE 235-55	MH-1996	MH-3357	577.88	577.68	576.91	576.73	22.8	150	0.61	123	1.3733	0.161	0.8	0.81	0.8	26.5	0.011	HDPE
DNE 235-24	MH-3884	MH-3885	582.35	581.78	581.05	580.83	22.9	150	0.42	100	1.52	0.0345	1	1.15	0.8	11	0.011	HDPE
DNE 235-53	MH-3889	MH-3890	572.32	572.11	570.27	570.24	22.9	400	0.68	1,000	6.573	5.1112	1.6	1.65	1.47	61.3	0.011	HDPE
DNE 235-10	MH-2447	MH-1648	590.44	590.13	589.4	589.18	22.9	150	0.45	100	1.52	0.0444	0.8	0.88	0.8	12.5	0.011	HDPE
DNE 235-52	MH-3891	MH-2638	572.86	573.02	571.91	571.89	17.2	150	0.26	1,000	0.4807	0.109	0.9	0.8	0.98	28.8	0.011	HDPE
DNE 235-4	MH-2547	MH-3892	588.93	588.42	587.45	587.22	22.9	400	1.44	100	20.7858	3.4685	0.9	1.08	0.8	31.3	0.011	HDPE
DNE 235-61	MH-2848	MH-2950	581.44	580.89	580.17	579.94	22.9	150	0.74	100	1.52	0.2393	1	1.12	0.8	29.1	0.011	HDPE
DNE 235-12	MH-3894	MH-502	585.69	585.49	584.74	584.54	22.9	150	0.46	114	1.4264	0.057	0.8	0.8	0.8	14.3	0.011	HDPE
DNE 235-6	MH-2121	MH-3898	600.04	599.7	598.98	598.75	23	150	0.59	100	1.52	0.1145	0.9	0.91	0.8	20	0.011	HDPE
DNE 235-53	MH-2881	MH-1987	575.59	575.36	573.46	573.43	23	400	0.62	1,000	6.573	3.4088	1.6	1.74	1.52	45.7	0.011	HDPE
DNE 235-1	MH-3902	MH-2700	594.51	594.8	593.49	593.72	23	217	1.32	100	4.476	1.6815	0.8	0.8	0.86	47.9	0.01	HDPE
DNE 235-31	MH-3278	MH-191	590.36	590.58	589.41	589.63	23	150	0.68	102	1.5016	0.1806	0.8	0.8	0.8	25.2	0.011	HDPE
DNE 235-55	MH-3225	MH-2854	578.49	577.95	577.23	577	23	150	0.8	100	1.52	0.3172	1	1.11	0.8	33.6	0.011	HDPE
DNE 235-1	MH-863	MH-3524	593.4	593.72	592.38	592.61	23	217	1.39	100	4.476	2.0139	0.8	0.8	0.89	52.8	0.01	HDPE
DNE 235-54	MH-3905	MH-3906	582.79	582.36	581.64	581.41	23	150	0.41	100	1.52	0.033	0.9	1.01	0.8	10.8	0.011	HDPE
DNE 235-8	MH-3604	MH-3910	594.81	594.64	593.86	593.69	23	150	0.44	140	1.2847	0.0614	0.8	0.8	0.8	16.5	0.011	HDPE
DNE 235-33	MH-3911	MH-3912	592.12	591.84	591.13	590.89	23	150	0.47	100	1.52	0.0527	0.8	0.84	0.8	13.6	0.011	HDPE
DNE 235-32	MH-562	MH-3913	580.1	579.72	577.94	577.82	23.1	150	0.6	198	1.0802	0.2721	1.9	2.01	1.75	34.4	0.011	HDPE
DNE 235-23	MH-3914	MH-745	584.66	584.97	581.28	581.14	22.3	150	0.6	159	1.204	0.2065	3.5	3.24	3.69	39.8	0.011	HDPE
DNE 235-54	MH-1487	MH-4140	583.77	583.39	582.69	582.44	24.7	150	1.07	100	1.52	0.9731	0.9	0.94	0.8	61.4	0.011	HDPE
DNE 235-10	MH-4163	MH-4164	590.09	589.8	589.09	588.85	24.7	150	0.26	100	1.52	0.0077	0.8	0.85	0.8	5.3	0.011	HDPE
DNE 235-34	MH-4165	MH-4145	589.54	588.85	588.14	587.9	24.7	150	0.45	100	1.52	0.0455	1	1.25	0.8	12.6	0.011	HDPE
DNE 235-32	MH-4168	MH-382	580.23	580.24	578.39	578.2	24.8	150	0.6	130	1.332	0.161	1.8	1.7	1.9	27.9	0.011	HDPE
DNE 235-32	MH-83	MH-4170	591.42	591.25	590.42	590.3	24.9	150	0.69	199	1.0779	0.4598	0.8	0.84	0.8	50.1	0.011	HDPE
DNE 235-54	MH-4171	MH-3951	587.03	586.49	585.78	585.54	24.8	150	0.73	100	1.52	0.2256	1	1.1	0.8	28.2	0.011	HDPE
DNE 235-5	MH-790	MH-1560	567.76	568.09	566.81	567.03	21.9	150	0.61	100	1.52	0.1212	0.9	0.8	0.91	25.3	0.011	HDPE
DNE 235-31	MH-3651	MH-126	588.51	589.13	587.56	587.81	24.8	150	0.78	100	1.52	0.2914	1	0.8	1.17	32.1	0.011	HDPE
DNE 235-33	MH-4181	MH-333	607.96	608.16	606.76	606.96	24.9	400	1.53	125	18.6284	5.6108	0.8	0.8	0.8	41.3	0.011	HDPE
DNE 235-61	MH-4184	MH-4185	577.96	578.55	577.01	576.87	24.9	150	0.6	181	1.1307	0.2448	1.2	0.8	1.53	33.1	0.011	HDPE
DNE 235-12	MH-4186	MH-3855	574.22	574.37	573.27	573.24	24.9	150	0.16	1,000	0.4807	0.0216	0.9	0.8	0.98	18.3	0.011	HDPE
DNE 235-53	MH-3163	MH-2077	574.53	574.81	573.36	573.14	24.9	150	0.6	111	1.4397	0.134	1.3	1.02	1.52	24.2	0.011	HDPE
DNE 235-3	MH-3673	MH-341	590.29	590.67	589.09	589.34	24.9	400	1.43	100	20.7858	3.3392	0.9	0.8	0.93	30.7	0.011	HDPE
DNE 235-11	MH-3556	MH-4187	591.48	591.65	590.39	590.37	24.9	150	0.18	1,000	0.4807	0.0337	1	0.94	1.13	19.6	0.011	HDPE
DNE 235-59	MH-1963	MH-3134	588.52	587.9	586.41	586.29	24.9	150	0.6	212	1.044	0.2972	1.7	1.96	1.46	36	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-2	MH-3152	MH-595	596.16	595.92	595.12	594.97	14.5	150	0.89	100	1.52	0.4728	0.8	0.9	0.8	45.2	0.011	HDPE
DNE 235-61	MH-4193	MH-4194	585.46	584.84	584.14	583.89	25	150	0.3	100	1.52	0.0123	1	1.17	0.8	6.7	0.011	HDPE
DNE 235-10	MH-4195	MH-4196	589.45	589.13	588.43	588.18	25	150	0.42	100	1.52	0.037	0.8	0.87	0.8	11.4	0.011	HDPE
DNE 235-57	MH-3275	MH-4198	575.18	575.02	574.2	574.07	25	150	0.6	192	1.0965	0.263	0.8	0.83	0.8	34.8	0.011	HDPE
DNE 235-12	MH-4199	MH-4200	586.41	586.03	585.33	585.08	25	150	0.33	100	1.52	0.0159	0.9	0.93	0.8	7.5	0.011	HDPE
DNE 235-35	MH-4201	MH-4202	571.38	570.95	570.25	570	25	150	0.9	100	1.52	0.4934	0.9	0.99	0.8	42.3	0.011	HDPE
DNE 235-51	MH-3102	MH-3435	572.68	572.5	571.73	571.55	25.1	150	0.91	140	1.2842	0.8315	0.8	0.8	0.8	60.7	0.011	HDPE
DNE 235-33	MH-853	MH-987	591.93	592.14	590.22	590.13	25.1	150	0.6	288	0.8957	0.4569	1.7	1.56	1.85	47	0.011	HDPE
DNE 235-33	MH-4207	MH-1112	591.63	591.57	590.68	590.62	25.1	150	0.36	410	0.7508	0.1093	0.8	0.8	0.8	26.8	0.011	HDPE
DNE 235-23	MH-942	MH-4208	586.98	586.49	583.71	583.6	25.1	150	0.6	247	0.9677	0.367	2.9	3.13	2.74	41.4	0.011	HDPE
DNE 235-54	MH-4210	MH-1455	571.53	571.25	570.55	570.3	25.1	150	0.32	100	1.52	0.0153	0.8	0.83	0.8	9.3	0.011	HDPE
DNE 235-30	MH-535	MH-4211	603.5	603.43	602.43	602.36	25.6	271	0.95	361	4.2619	3.0367	0.8	0.8	0.8	58.1	0.01	HDPE
DNE 235-6	MH-2886	MH-2961	595.21	595.7	594.26	594.52	25.2	150	0.51	100	1.52	0.0709	0.9	0.8	1.03	15.7	0.011	HDPE
DNE 235-11	MH-698	MH-985	590.52	590.31	589.45	589.24	25.2	271	1.21	122	7.3214	1.6498	0.8	0.8	0.8	40.4	0.01	HDPE
DNE 235-56	MH-3232	MH-3596	577.7	577.27	576.58	576.32	25.2	150	0.62	100	1.52	0.1314	0.9	0.98	0.8	21.4	0.011	HDPE
DNE 235-34	MH-4221	MH-2514	587.31	586.7	586	585.75	25.2	150	0.48	100	1.52	0.0536	1	1.16	0.8	13.7	0.011	HDPE
DNE 235-58	MH-4135	MH-1482	583.9	583.39	582.61	582.44	17.3	150	0.56	100	1.52	0.0915	1	1.14	0.8	20.1	0.011	HDPE
DNE 235-11	MH-4223	MH-3802	594.57	594.11	593.41	593.16	25.6	150	0.5	100	1.52	0.0634	0.9	1.01	0.8	14.9	0.011	HDPE
DNE 235-59	MH-2891	MH-3187	587.33	586.72	586.02	585.77	25.3	150	0.81	100	1.52	0.3314	1	1.16	0.8	34.4	0.011	HDPE
DNE 235-12	MH-4224	MH-3338	578.16	577.51	576.81	576.56	25.3	150	0.43	100	1.52	0.0382	1	1.19	0.8	11.6	0.011	HDPE
DNE 235-59	MH-4228	MH-3170	585.68	585.07	584.37	584.12	25.3	150	0.49	100	1.52	0.061	1	1.16	0.8	14.6	0.011	HDPE
DNE 235-9	MH-3473	MH-4023	597.86	597.44	596.74	596.49	25.3	150	0.45	100	1.52	0.0453	0.9	0.97	0.8	12.6	0.011	HDPE
DNE 235-19	MH-2050	MH-4229	581.71	582.15	580.76	581.01	25.4	150	0.53	100	1.52	0.0781	0.9	0.8	0.99	16.5	0.011	HDPE
DNE 235-53	MH-4232	MH-4233	573.64	573.39	572.02	572	25.4	400	0.66	1,000	6.573	4.3076	1.1	1.22	1	46.9	0.011	HDPE
DNE 235-61	MH-4238	MH-3940	584.26	583.69	582.99	582.74	25.4	150	0.62	100	1.52	0.1344	1	1.11	0.8	21.6	0.011	HDPE
DNE 235-33	MH-856	MH-965	591.59	591.75	590.45	590.33	25.4	150	0.6	203	1.0663	0.2809	1.1	0.99	1.27	38.3	0.011	HDPE
DNE 235-54	MH-2815	MH-3031	581.97	581.68	578.42	578.32	25.5	150	0.6	275	0.9161	0.4279	3.3	3.41	3.21	48.8	0.011	HDPE
DNE 235-9	MH-4243	MH-3845	597.64	597.19	596.49	596.24	25.5	150	0.37	100	1.52	0.0235	0.9	1	0.8	9.1	0.011	HDPE
DNE 235-34	MH-4244	MH-4245	591.7	591.84	588.3	588.24	25.5	175	0.6	384	1.2871	0.5307	3.3	3.22	3.42	45.6	0.01	HDPE
DNE 235-23	MH-476	MH-3398	576.38	576.26	575.43	575.31	25.5	150	0.25	220	1.0254	0.0161	0.8	0.8	0.8	9.5	0.011	HDPE
DNE 235-57	MH-1683	MH-1141	576.43	576.4	575.47	575.44	25.5	150	0.18	891	0.5092	0.0278	0.8	0.81	0.81	35	0.011	HDPE
DNE 235-2	MH-596	MH-127	595.92	595.61	594.91	594.66	25.6	150	1	100	1.672	0.5581	0.8	0.86	0.8	44.1	0.01	HDPE
DNE 235-19	MH-2988	MH-4254	578.73	578.98	577.78	578.03	25.6	150	0.52	100	1.5199	0.0717	0.8	0.8	0.8	15.8	0.011	HDPE
DNE 235-32	MH-1054	MH-4256	583.08	583.53	582.13	582.39	25.6	150	0.35	100	1.52	0.0197	0.9	0.8	1	8.3	0.011	HDPE
DNE 235-18	MH-4260	MH-4261	585.06	584.74	583.67	583.79	25.7	150	0.6	213	1.0411	0.2996	1	1.24	0.8	37.1	0.011	HDPE
DNE 235-11	MH-4262	MH-4263	600.4	600.09	599.4	599.14	25.7	150	0.76	100	1.52	0.2652	0.8	0.85	0.8	30.6	0.011	HDPE
DNE 235-54	MH-3952	MH-4266	585.99	585.46	584.76	584.51	25.7	150	0.87	100	1.52	0.4337	0.9	1.08	0.8	39.5	0.011	HDPE
DNE 235-19	MH-2318	MH-3053	582.41	581.91	581.21	580.96	25.7	150	0.58	100	1.52	0.105	0.9	1.04	0.8	21.7	0.011	HDPE
DNE 235-11	MH-4272	MH-3828	591.09	590.78	590.09	589.83	25.8	150	0.39	100	1.52	0.0285	0.8	0.86	0.8	17.3	0.011	HDPE
DNE 235-34	MH-4273	MH-4274	584.65	584.99	583.7	583.67	25.8	150	0.12	1,000	0.4807	0.0077	1	0.8	1.16	12.2	0.011	HDPE
DNE 235-11	MH-4275	MH-3826	591.49	591.2	590.51	590.25	25.8	150	0.36	100	1.52	0.0208	0.8	0.83	0.8	8.6	0.011	HDPE
DNE 235-32	MH-3172	MH-1014	579.38	579.28	577.34	577.31	25.8	271	0.6	994	2.5678	2.5047	1.7	1.77	1.7	58.8	0.01	HDPE
DNE 235-52	MH-3619	MH-1997	575.02	575.52	573.7	573.67	25.8	150	0.23	1,000	0.4807	0.078	1.4	1.17	1.7	28.7	0.011	HDPE
DNE 235-54	MH-3312	MH-4286	580.88	580.48	579.79	579.53	25.9	150	0.7	100	1.52	0.1964	0.9	0.94	0.8	26.2	0.011	HDPE
DNE 235-57	MH-3059	MH-4287	574.28	573.75	573.05	572.8	25.9	150	0.67	100	1.52	0.1718	0.9	1.07	0.8	24.5	0.011	HDPE
DNE 235-3	MH-1737	MH-2160	590.82	590.47	589.79	589.52	27.1	150	0.68	100	1.52	0.1826	0.8	0.88	0.8	28	0.011	HDPE
DNE 235-8	MH-2371	MH-1718	581.8	581.27	580.58	580.32	25.9	150	0.41	100	1.52	0.0334	0.9	1.08	0.8	10.8	0.011	HDPE
DNE 235-11	MH-4292	MH-1900	592.36	592.03	591.34	591.08	25.9	150	0.46	100	1.52	0.0495	0.8	0.87	0.8	13.2	0.011	HDPE
DNE 235-55	MH-3140	MH-1995	578.21	577.98	577.26	577	26	150	0.6	103	1.4967	0.1212	0.8	0.8	0.82	23.2	0.011	HDPE
DNE 235-10	MH-4295	MH-4296	590.14	589.83	589.14	588.88	26	150	0.29	100	1.52	0.0109	0.8	0.85	0.8	6.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-12	MH-1042	MH-4299	577.21	576.89	576.2	575.94	26	150	0.58	100	1.52	0.1038	0.8	0.85	0.8	19	0.011	HDPE
ONE 235-61	MH-2187	MH-4302	588.04	587.46	586.77	586.51	26	150	0.85	100	1.52	0.3996	1	1.12	0.8	37.8	0.011	HDPE
ONE 235-12	MH-4089	MH-2005	573.55	573.54	571.75	571.53	26.1	150	0.6	118	1.4016	0.1428	1.7	1.64	1.86	22.7	0.011	HDPE
ONE 235-91	MH-3133	MH-3516	596.67	596.24	595.55	595.29	26.1	150	0.45	100	1.52	0.0437	0.9	0.96	0.8	12.4	0.011	HDPE
ONE 235-52	MH-3504	MH-1065	575.37	575.25	572.48	572.41	26.1	175	0.6	397	1.2659	0.5568	2.7	2.72	2.67	42.9	0.01	HDPE
ONE 235-60	MH-4311	MH-3601	578.43	578.25	575.71	575.67	26.1	271	0.6	783	2.8935	1.541	2.4	2.45	2.31	51.8	0.01	HDPE
ONE 235-52	MH-2599	MH-2562	574.66	574.16	573.47	573.21	26.2	150	1.05	100	1.52	0.8789	0.9	1.04	0.8	58	0.011	HDPE
ONE 235-67	MH-4320	MH-4321	586.58	586.32	584.79	584.7	26.3	700	1.7	300	54.6016	31.0635	1	1.09	0.91	53.8	0.011	HDPE
ONE 235-18	MH-4323	MH-4324	586.61	586.08	585.39	585.13	26.3	150	0.53	100	1.52	0.0774	0.9	1.07	0.8	16.4	0.011	HDPE
ONE 235-53	MH-3588	MH-2560	577.63	577.27	574.84	574.81	26.3	271	0.6	886	2.7192	1.8909	2.4	2.52	2.19	60	0.01	HDPE
ONE 235-32	MH-368	MH-705	592.12	592.3	588.61	588.5	26.3	150	0.6	242	0.977	0.3562	3.5	3.36	3.65	40	0.011	HDPE
ONE 235-51	MH-2909	MH-2040	594.77	594.28	593.59	593.33	26.3	150	0.56	100	1.52	0.094	0.9	1.03	0.8	18.1	0.011	HDPE
ONE 235-54	MH-2177	MH-2237	577.95	577.58	576.64	576.38	26.4	400	1.42	100	20.7858	3.2793	0.9	0.91	0.8	30.4	0.011	HDPE
ONE 235-11	MH-4263	MH-4127	600.09	599.76	599.07	598.81	26.4	150	0.81	100	1.52	0.3331	0.8	0.87	0.8	34.4	0.011	HDPE
ONE 235-32	MH-4336	MH-3148	591.09	591.48	589.15	588.94	26.4	150	0.6	130	1.3347	0.1599	2.1	1.8	2.39	26.3	0.011	HDPE
ONE 235-11	MH-4337	MH-985	590.62	590.31	589.63	589.36	26.5	150	0.55	100	1.52	0.0873	0.8	0.84	0.8	17.4	0.011	HDPE
ONE 235-57	MH-4338	MH-4339	573.64	573.87	572.14	571.99	26.5	150	0.6	173	1.1567	0.231	1.5	1.35	1.74	32.5	0.011	HDPE
ONE 235-34	MH-4341	MH-4221	587.96	587.31	586.63	586.36	26.5	150	0.32	100	1.52	0.0145	1	1.19	0.8	7.2	0.011	HDPE
ONE 235-59	MH-4344	MH-4345	586.2	585.56	584.87	584.61	26.5	150	0.85	100	1.52	0.3893	1	1.18	0.8	37.3	0.011	HDPE
ONE 235-51	MH-2276	MH-2211	572.23	572.02	570.09	570.06	26.5	400	0.7	1,000	6.573	5.7571	1.6	1.74	1.55	69.6	0.011	HDPE
ONE 235-54	MH-4141	MH-3510	583.02	582.48	581.8	581.53	26.5	150	1.08	100	1.52	1.0037	0.9	1.07	0.8	62.5	0.011	HDPE
ONE 235-54	MH-4286	MH-3332	580.48	580.07	579.38	579.12	26.6	150	0.78	100	1.52	0.2961	0.9	0.95	0.8	32.4	0.011	HDPE
ONE 235-11	MH-4355	MH-4005	599.52	599.3	598.57	598.35	26.6	150	0.49	121	1.3809	0.0749	0.8	0.8	0.8	16.5	0.011	HDPE
ONE 235-61	MH-4357	MH-4055	584.83	584.26	583.47	583.31	16	150	0.29	100	1.52	0.0104	1	1.21	0.8	6.1	0.011	HDPE
ONE 235-61	MH-4358	MH-2727	585.12	584.61	583.93	583.66	26.6	150	0.59	100	1.52	0.1091	0.9	1.04	0.8	19.5	0.011	HDPE
ONE 235-57	MH-4287	MH-1573	573.75	573.18	572.49	572.23	26.6	150	0.72	100	1.52	0.2203	1	1.1	0.8	31.1	0.011	HDPE
ONE 235-18	MH-841	MH-4261	585.37	584.74	583.92	583.79	13.2	150	0.78	100	1.52	0.29	1	1.3	0.8	35.5	0.011	HDPE
ONE 235-55	MH-4363	MH-2548	579.68	579.62	578.73	578.67	26.7	150	0.17	507	0.6748	0.0118	0.8	0.8	0.8	9.8	0.011	HDPE
ONE 235-52	MH-2562	MH-4364	574.16	573.81	571.67	571.64	26.7	400	0.61	1,000	6.573	3.0883	1.9	2.09	1.77	46.8	0.011	HDPE
ONE 235-6	MH-2079	MH-4366	591.31	591.56	590.36	590.55	19	150	0.43	100	1.52	0.0381	0.8	0.8	0.86	14.1	0.011	HDPE
ONE 235-33	MH-2756	MH-3819	594.1	594.32	593.14	593.37	26.8	150	0.6	117	1.4039	0.1422	0.8	0.81	0.8	26	0.011	HDPE
ONE 235-91	MH-4379	MH-2768	598.87	598.36	597.68	597.41	26.8	150	0.28	100	1.52	0.0096	0.9	1.04	0.8	5.9	0.011	HDPE
ONE 235-67	MH-3377	MH-1817	579.93	579.9	578.21	578.12	26.8	800	1.85	300	77.9562	44.128	0.9	0.91	0.98	53.9	0.011	HDPE
ONE 235-24	MH-4387	MH-317	582.77	582.08	581.4	581.13	26.9	150	0.39	100	1.52	0.0281	1	1.22	0.8	10	0.011	HDPE
ONE 235-10	MH-4388	MH-618	588.71	588.43	587.75	587.48	26.9	150	0.5	100	1.52	0.0648	0.8	0.81	0.8	15	0.011	HDPE
ONE 235-32	MH-4389	MH-1441	590.22	590.63	587.91	587.88	26.9	271	0.6	866	2.7506	1.815	2.3	2.05	2.48	59.9	0.01	HDPE
ONE 235-61	MH-4391	MH-4392	596.13	596.57	595.18	595.44	26.9	150	0.43	100	1.52	0.0394	0.9	0.8	0.97	11.8	0.011	HDPE
ONE 235-12	MH-4398	MH-4186	574.73	574.22	573.54	573.27	27	150	0.28	100	1.52	0.0099	0.9	1.04	0.8	10.3	0.011	HDPE
ONE 235-52	MH-2206	MH-3503	575.31	575.32	572.62	572.55	27	150	0.6	374	0.8645	0.5106	2.6	2.53	2.62	50.7	0.01	HDPE
ONE 235-11	MH-4006	MH-4409	598.92	598.68	597.97	597.73	32.1	150	0.53	138	1.2951	0.1113	0.8	0.8	0.8	20.4	0.011	HDPE
ONE 235-61	MH-4410	MH-3961	584.07	583.4	582.72	582.45	27.1	150	0.5	100	1.52	0.0634	1	1.19	0.8	14.9	0.011	HDPE
ONE 235-33	MH-4411	MH-4412	608.75	608.92	607.8	607.78	27.1	150	0.19	1,000	0.4807	0.0353	0.9	0.8	0.99	15	0.011	HDPE
ONE 235-66	MH-4414	MH-1875	569.13	569.17	568.18	568.15	27.1	150	0.19	1,000	0.4807	0.04	0.8	0.8	0.87	15.9	0.011	HDPE
ONE 235-56	MH-3813	MH-4417	577.93	577.98	576.92	576.89	27.1	150	0.2	1,000	0.4807	0.0438	0.9	0.87	0.94	23.9	0.011	HDPE
ONE 235-34	MH-4422	MH-2915	590.85	590.94	589.48	589.46	27.1	150	0.22	1,000	0.4807	0.0663	1.3	1.22	1.34	26.6	0.011	HDPE
ONE 235-11	MH-4423	MH-4424	588.62	588.35	587.67	587.4	27.2	150	0.31	100	1.52	0.0131	0.8	0.8	0.8	10.4	0.011	HDPE
ONE 235-51	MH-1040	MH-4426	569.66	570.08	568.71	568.98	27.2	150	0.77	100	1.52	0.2776	0.9	0.8	0.94	37.7	0.011	HDPE
ONE 235-11	MH-4427	MH-862	593	593.39	591.93	592.07	14.8	271	1.38	100	8.0956	2.0652	0.9	0.8	1.04	39.4	0.01	HDPE
ONE 235-33	MH-4429	MH-529	593.34	593	592.32	592.05	27.2	150	0.4	100	1.52	0.0302	0.8	0.87	0.8	11.2	0.011	HDPE
ONE 235-34	MH-2351	MH-495	583.66	583.12	582.44	582.17	27.2	150	0.39	100	1.52	0.0275	0.9	1.07	0.8	9.8	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-52	MH-4432	MH-1355	570.97	570.75	569.77	569.55	27.2	400	1.34	125	18.561	3.5774	0.8	0.8	0.8	47.8	0.011	HDPE
ONE 235-24	MH-4433	MH-4434	581.84	581.15	580.47	580.2	27.2	150	0.44	100	1.52	0.0413	1	1.23	0.8	12	0.011	HDPE
ONE 235-31	MH-284	MH-4435	583.71	583.25	580.59	580.54	27.2	217	0.6	530	1.9447	0.8586	2.7	2.91	2.5	46.5	0.01	HDPE
ONE 235-11	MH-4187	MH-3497	591.65	591.85	590.37	590.34	27.2	150	0.21	1,000	0.4807	0.0493	1.2	1.13	1.36	23	0.011	HDPE
ONE 235-59	MH-2312	MH-4443	580.49	581.13	579.23	579.2	27.3	150	0.18	1,000	0.4807	0.0294	1.4	1.11	1.77	20.3	0.011	HDPE
ONE 235-11	MH-4444	MH-2808	588.3	587.95	587.16	586.88	27.4	271	1.34	100	8.0956	1.8403	0.8	0.88	0.8	42.3	0.01	HDPE
ONE 235-55	MH-1294	MH-4446	579.44	579.08	577.48	577.38	21.7	150	0.6	219	1.0273	0.3117	1.7	1.81	1.55	38.3	0.011	HDPE
ONE 235-32	MH-2663	MH-633	583.36	582.8	581.3	581.17	27.3	150	0.6	217	1.0321	0.3073	1.7	1.91	1.48	38.1	0.011	HDPE
ONE 235-11	MH-4448	MH-681	591.32	590.97	589.85	589.81	27.3	217	0.6	687	1.7071	1.3134	1.1	1.25	0.94	55	0.01	HDPE
ONE 235-11	MH-786	MH-525	590.28	590.46	588.73	588.55	27.3	150	0.6	151	1.2354	0.1955	1.6	1.4	1.76	36.5	0.011	HDPE
ONE 235-16	MH-3295	MH-4452	591.43	590.8	589.94	589.85	27.4	150	0.65	302	0.9617	0.5024	1.1	1.33	0.8	48.5	0.01	HDPE
ONE 235-67	MH-4321	MH-4454	586.32	586.06	584.53	584.44	27.4	700	1.7	300	54.6016	31.1675	1	1.08	0.91	53.9	0.011	HDPE
ONE 235-34	MH-2333	MH-4455	591.16	591.26	588.75	588.67	15.2	150	0.6	207	1.0558	0.2924	2.4	2.27	2.44	39.4	0.011	HDPE
ONE 235-16	MH-4463	MH-3823	591.67	591.04	590.36	590.09	27.5	150	0.85	100	1.52	0.3865	1	1.16	0.8	43.9	0.011	HDPE
ONE 235-11	MH-4468	MH-808	589.18	589.26	587.79	587.76	27.5	150	0.2	1,000	0.4807	0.0481	1.3	1.24	1.35	34.3	0.011	HDPE
ONE 235-55	MH-4473	MH-4474	578.93	579.34	577.98	577.96	27.5	150	0.19	1,000	0.4807	0.0379	1	0.8	1.23	22.2	0.011	HDPE
ONE 235-34	MH-4480	MH-4481	582.79	582.76	581.48	581.36	27.6	150	0.6	235	0.9919	0.3412	1.2	1.16	1.25	47.1	0.011	HDPE
ONE 235-32	MH-3913	MH-4487	579.72	579.34	577.82	577.69	27.6	150	0.6	204	1.0646	0.2861	1.6	1.75	1.5	36.1	0.011	HDPE
ONE 235-12	MH-4299	MH-4493	576.89	576.3	575.62	575.35	27.7	150	0.62	100	1.52	0.1294	1	1.12	0.8	21.2	0.011	HDPE
ONE 235-57	MH-4494	MH-4495	575.86	575.63	574.91	574.68	27.7	150	0.56	122	1.3743	0.1139	0.8	0.8	0.8	24.2	0.011	HDPE
ONE 235-57	MH-2960	MH-1059	576.46	576.06	575.39	575.11	27.8	150	0.37	100	1.52	0.0241	0.9	0.92	0.8	10.5	0.011	HDPE
ONE 235-52	MH-4498	MH-4499	577.53	577.16	576.49	576.21	27.8	150	0.31	100	1.52	0.0131	0.8	0.9	0.8	6.9	0.011	HDPE
ONE 235-33	MH-4500	MH-4001	592.68	592.39	591.71	591.44	27.8	150	0.36	100	1.52	0.0212	0.8	0.82	0.8	8.7	0.011	HDPE
ONE 235-10	MH-4124	MH-1233	588.53	588.22	587.54	587.27	27.8	150	0.48	100	1.52	0.0558	0.8	0.84	0.8	14	0.011	HDPE
ONE 235-34	MH-4501	MH-2995	589.2	588.56	587.88	587.61	27.8	150	0.56	100	1.52	0.0945	1	1.17	0.8	18.1	0.011	HDPE
ONE 235-53	MH-4503	MH-4504	577.43	576.91	576.24	575.96	27.8	150	0.62	100	1.52	0.1335	0.9	1.04	0.8	21.6	0.011	HDPE
ONE 235-30	MH-4509	MH-693	604.91	604.86	603.96	603.91	26.5	150	0.34	470	0.701	0.1085	0.8	0.8	0.8	25.6	0.011	HDPE
ONE 235-2	MH-3024	MH-3152	596.42	596.16	595.47	595.21	27.8	150	0.82	107	1.467	0.3842	0.8	0.8	0.8	37.4	0.011	HDPE
ONE 235-65	MH-4511	MH-2992	573.03	572.7	572.03	571.75	27.9	150	0.71	100	1.52	0.2113	0.8	0.85	0.8	27.2	0.011	HDPE
ONE 235-58	MH-4512	MH-4513	586.55	586.01	585.34	585.06	27.9	150	0.44	100	1.52	0.0401	0.9	1.06	0.8	11.9	0.011	HDPE
ONE 235-32	MH-3579	MH-4514	590.48	590.91	589.2	589.18	27.9	150	0.24	1,000	0.4807	0.0816	1.4	1.13	1.58	29.6	0.011	HDPE
ONE 235-34	MH-4515	MH-2910	579.57	579.45	578.62	578.5	27.9	150	0.43	239	0.9842	0.1084	0.8	0.8	0.8	22.8	0.011	HDPE
ONE 235-2	MH-2527	MH-3146	592.06	591.65	590.98	590.7	27.9	150	0.77	100	1.52	0.2735	0.9	0.93	0.8	31.1	0.011	HDPE
ONE 235-54	MH-2530	MH-3655	576.58	576.13	575.21	574.93	27.9	400	1.47	100	20.7858	3.7008	0.9	0.97	0.8	32.4	0.011	HDPE
ONE 235-11	MH-4521	MH-4444	588.67	588.3	587.51	587.23	27.9	271	1.33	100	8.0956	1.8229	0.8	0.89	0.8	36.9	0.01	HDPE
ONE 235-55	MH-4524	MH-3049	576.02	575.6	574.93	574.65	27.9	150	0.49	100	1.52	0.059	0.9	0.94	0.8	14.4	0.011	HDPE
ONE 235-30	MH-4526	MH-1166	607.48	606.95	606.28	606	28	150	0.92	100	1.52	0.5216	0.9	1.05	0.8	43.6	0.011	HDPE
ONE 235-11	MH-1545	MH-786	589.9	590.28	588.76	588.73	28	150	0.18	1,000	0.4807	0.0334	1.2	0.99	1.4	23.2	0.011	HDPE
ONE 235-53	MH-4528	MH-4529	576.47	577.05	575.51	575.48	28.1	150	0.26	1,000	0.4807	0.1087	1.1	0.81	1.42	27.8	0.011	HDPE
ONE 235-33	MH-4530	MH-2742	592.76	593.12	590.62	590.75	28.1	150	0.6	216	1.034	0.3056	2.1	1.98	2.22	38	0.011	HDPE
ONE 235-53	MH-4531	MH-3734	573.09	572.84	571.89	571.64	28.1	400	1.5	108	19.9917	4.4335	0.8	0.8	0.8	40.3	0.011	HDPE
ONE 235-6	MH-4540	MH-3727	598.3	597.96	597.29	597.01	28.2	150	0.57	100	1.52	0.099	0.8	0.86	0.8	18.5	0.011	HDPE
ONE 235-11	MH-3229	MH-2515	597.03	597.44	596.08	596.36	28.2	150	0.41	100	1.52	0.0327	0.9	0.8	0.93	10.7	0.011	HDPE
ONE 235-12	MH-4542	MH-4543	588.88	588.18	587.51	587.23	28.2	150	0.79	100	1.52	0.3041	1	1.22	0.8	32.9	0.011	HDPE
ONE 235-9	MH-2106	MH-4547	589.11	589.11	588.09	588.05	28.2	217	0.6	608	1.8147	1.0584	0.8	0.8	0.84	48.3	0.01	HDPE
ONE 235-51	MH-4551	MH-4552	571.69	571.51	570.01	569.99	28.2	400	0.7	1,000	6.573	5.9025	1.2	1.27	1.12	65.9	0.011	HDPE
ONE 235-52	MH-2651	MH-4558	574.7	575.25	573.05	572.79	28.3	150	0.6	107	1.4725	0.1277	1.9	1.5	2.31	26	0.011	HDPE
ONE 235-59	MH-3964	MH-4344	586.89	586.2	585.53	585.25	28.3	150	0.82	100	1.52	0.3401	1	1.21	0.8	34.8	0.011	HDPE
ONE 235-32	MH-3552	MH-4559	592.69	592.29	591.58	591.34	28.3	150	0.62	114	1.4209	0.1567	0.9	0.95	0.8	30.8	0.011	HDPE
ONE 235-53	MH-4560	MH-4561	572.3	572.35	571.35	571.32	28.3	150	0.19	1,000	0.4807	0.0397	0.8	0.8	0.88	25.9	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-51	MH-1575	MH-4564	567.66	567.02	565.6	565.51	28.4	600	1.46	300	36.1977	17.1109	1.2	1.46	0.91	48.1	0.011	HDPE
ONE 235-11	MH-4567	MH-2170	591.66	591.28	590.61	590.33	28.4	150	0.47	100	1.52	0.0528	0.8	0.9	0.8	13.6	0.011	HDPE
ONE 235-6	MH-4570	MH-4571	593.91	593.57	592.44	592.4	28.4	271	0.6	764	2.9292	1.4832	1.1	1.21	0.9	44.4	0.01	HDPE
ONE 235-53	MH-4572	MH-4573	579.16	578.78	578.11	577.83	28.5	150	0.72	100	1.52	0.2219	0.8	0.9	0.8	27.9	0.011	HDPE
ONE 235-12	MH-4578	MH-2488	585.38	584.92	584.26	583.97	28.5	150	0.55	100	1.52	0.0881	0.9	0.97	0.8	17.5	0.011	HDPE
ONE 235-12	MH-4493	MH-671	576.3	575.7	575.04	574.75	28.6	150	0.69	100	1.52	0.1924	1	1.11	0.8	25.9	0.011	HDPE
ONE 235-11	MH-4581	MH-2208	592.95	592.62	591.96	591.67	28.6	150	0.64	100	1.52	0.1442	0.8	0.84	0.8	25	0.011	HDPE
ONE 235-34	MH-4582	MH-2350	584.41	583.81	583.15	582.86	28.6	150	0.26	100	1.52	0.0069	1	1.11	0.8	5	0.011	HDPE
ONE 235-65	MH-4585	MH-4226	568.8	569.05	567.85	567.77	28.6	150	0.6	362	0.8789	0.4846	1	0.8	1.13	53.1	0.01	HDPE
ONE 235-33	MH-4586	MH-855	591.93	591.59	590.93	590.64	28.6	150	0.5	100	1.52	0.0621	0.8	0.85	0.8	14.7	0.011	HDPE
ONE 235-10	MH-2793	MH-4589	589.92	589.56	588.78	588.49	28.7	271	1.32	100	8.0956	1.779	0.8	0.87	0.8	36.5	0.01	HDPE
ONE 235-53	MH-4590	MH-4591	572.49	572.51	571.29	571.08	28.7	150	0.6	139	1.2905	0.1759	1.2	1.05	1.28	29.9	0.011	HDPE
ONE 235-52	MH-2432	MH-2275	572.67	572.33	571.11	571.02	28.7	400	1	300	12.2773	3.8163	1	1.16	0.91	37.7	0.011	HDPE
ONE 235-58	MH-1616	MH-1640	582.47	581.85	581.19	580.9	28.7	150	0.91	100	1.52	0.5007	1	1.13	0.8	42.6	0.011	HDPE
ONE 235-14	MH-4596	MH-4427	592.59	593	591.52	591.8	28.7	271	1.38	100	8.0956	2.0742	0.9	0.8	0.92	39.5	0.01	HDPE
ONE 235-11	MH-4597	MH-4567	591.98	591.66	591	590.71	28.8	150	0.43	100	1.52	0.0377	0.8	0.83	0.8	11.5	0.011	HDPE
ONE 235-51	MH-4602	MH-2442	561.81	561.11	559.69	559.6	28.8	600	1.49	300	36.1977	18.3446	1.2	1.52	0.91	50	0.011	HDPE
ONE 235-61	MH-1924	MH-3791	582.72	582.12	580.34	580.31	28.8	271	0.6	916	2.6744	2.0137	1.8	2.12	1.55	57.2	0.01	HDPE
ONE 235-58	MH-4605	MH-4512	587.07	586.55	585.89	585.6	28.8	150	0.35	100	1.52	0.0188	0.9	1.03	0.8	8.2	0.011	HDPE
ONE 235-53	MH-1776	MH-3906	582.68	582.36	581.52	581.33	28.9	150	0.6	154	1.2242	0.2006	0.9	1	0.87	30.4	0.011	HDPE
ONE 235-32	MH-4611	MH-3344	583.71	583.11	582.45	582.16	28.9	150	0.25	100	1.52	0.0064	1	1.1	0.8	4.8	0.011	HDPE
ONE 235-53	MH-4614	MH-4503	577.82	577.43	576.77	576.48	29	150	0.52	100	1.52	0.0697	0.8	0.9	0.8	15.6	0.011	HDPE
ONE 235-4	MH-604	MH-441	588.79	588.06	585.95	585.68	29	150	0.83	108	1.4648	0.3952	2.5	2.7	2.23	45.7	0.011	HDPE
ONE 235-56	MH-4417	MH-557	577.98	577.89	576.89	576.86	30.5	150	0.24	1,000	0.4807	0.0808	0.9	0.94	0.88	22.7	0.011	HDPE
ONE 235-31	MH-4626	MH-4627	586.98	586.25	585.6	585.3	29.2	150	0.94	100	1.52	0.565	1	1.24	0.8	45.5	0.011	HDPE
ONE 235-35	MH-3273	MH-4632	574.79	574.17	573.19	573.22	29.2	150	0.15	1,000	0.4807	0.0187	1.1	1.45	0.8	16.8	0.011	HDPE
ONE 235-56	MH-2400	MH-2366	576.81	576.61	575.86	575.66	29.3	150	0.74	144	1.2659	0.3879	0.8	0.8	0.8	41.1	0.011	HDPE
ONE 235-35	MH-47	MH-4639	575.04	574.85	573.04	573.01	29.2	150	0.24	1,000	0.4807	0.0785	1.8	1.86	1.7	34.5	0.011	HDPE
ONE 235-55	MH-4474	MH-2820	579.34	579.78	577.96	577.93	29.3	150	0.23	1,000	0.4807	0.0698	1.5	1.23	1.71	28	0.011	HDPE
ONE 235-6	MH-4645	MH-3726	594.49	594.89	592.47	592.49	14.4	271	0.6	745	2.9666	1.4294	1.9	1.75	2.13	48.6	0.01	HDPE
ONE 235-51	MH-4649	MH-1243	569.19	568.84	568.18	567.89	29.4	150	0.8	100	1.52	0.3258	0.8	0.86	0.8	34	0.011	HDPE
ONE 235-7	MH-3741	MH-1894	585.52	584.69	584.04	583.74	29.5	150	0.76	100	1.52	0.2693	1.1	1.33	0.8	30.8	0.011	HDPE
ONE 235-52	MH-4659	MH-4660	572.76	572.41	571.5	571.21	29.5	400	1.42	100	20.7858	3.3129	0.8	0.85	0.8	30.6	0.011	HDPE
ONE 235-52	MH-4364	MH-4037	573.81	573.46	571.64	571.61	29.5	400	0.61	1,000	6.573	3.1202	1.6	1.77	1.44	45.7	0.011	HDPE
ONE 235-53	MH-4670	MH-3982	576.55	577.27	575.6	575.57	29.5	150	0.19	1,000	0.4807	0.0364	1.2	0.8	1.55	20.5	0.011	HDPE
ONE 235-2	MH-870	MH-38	597.07	596.6	595.81	595.65	16.5	150	0.76	100	1.52	0.2709	1	1.11	0.8	35.7	0.011	HDPE
ONE 235-52	MH-2316	MH-2506	571.7	571.92	570.48	570.4	29.6	175	0.6	383	1.2887	0.5291	1.2	1.05	1.35	43.4	0.01	HDPE
ONE 235-32	MH-739	MH-3680	591.74	591.98	589.57	589.54	29.6	150	0.25	1,000	0.4807	0.1028	2.2	2.02	2.29	26.7	0.011	HDPE
ONE 235-11	MH-3570	MH-2298	592.03	591.65	590.99	590.7	29.6	150	0.44	100	1.52	0.0408	0.8	0.89	0.8	11.9	0.011	HDPE
ONE 235-11	MH-1920	MH-785	590.18	590.28	589.23	588.97	29.7	150	0.6	118	1.4015	0.1428	1	0.8	1.16	24.5	0.011	HDPE
ONE 235-6	MH-884	MH-651	592.53	592.8	590.84	590.74	29.9	150	0.6	276	0.9147	0.4298	1.7	1.53	1.91	45.2	0.011	HDPE
ONE 235-6	MH-2731	MH-4391	595.6	596.13	594.65	594.95	29.8	150	0.55	100	1.52	0.0872	0.9	0.8	1.03	17.4	0.011	HDPE
ONE 235-11	MH-4694	MH-698	590.86	590.52	589.87	589.57	29.8	150	0.5	100	1.52	0.0658	0.8	0.84	0.8	15.2	0.011	HDPE
ONE 235-30	MH-4695	MH-4696	592.89	592.4	591.75	591.45	29.9	150	0.86	100	1.52	0.4087	0.9	0.99	0.8	38.4	0.011	HDPE
ONE 235-51	MH-4564	MH-4701	567.02	566.32	564.9	564.8	29.9	600	1.46	300	36.1977	17.1665	1.2	1.52	0.91	48.2	0.011	HDPE
ONE 235-11	MH-4702	MH-1900	592.53	592.03	591.38	591.08	29.9	150	0.5	100	1.52	0.0637	0.9	1	0.8	14.9	0.011	HDPE
ONE 235-61	MH-4194	MH-4410	584.84	584.07	583.41	583.12	29.9	150	0.44	100	1.52	0.0406	1	1.28	0.8	11.9	0.011	HDPE
ONE 235-51	MH-4703	MH-4704	564.05	563.32	561.91	561.81	29.9	600	1.48	300	36.1977	18.1784	1.2	1.54	0.91	49.8	0.011	HDPE
ONE 235-19	MH-4718	MH-4719	581.28	580.67	580.02	579.72	30	150	0.64	100	1.52	0.15	1	1.1	0.8	30.1	0.011	HDPE
ONE 235-32	MH-2470	MH-561	580.06	580.1	578.11	577.94	30.1	150	0.6	175	1.1505	0.234	1.9	1.8	2.01	31.5	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-33	MH-2103	MH-3345	583.53	582.89	582.22	581.92	30.1	175	1.02	100	2.5221	0.6206	1	1.14	0.8	37.9	0.01	HDPE
ONE 235-11	MH-3554	MH-4468	589.06	589.18	587.82	587.79	30.1	150	0.18	1,000	0.4807	0.0333	1.2	1.09	1.24	22.1	0.011	HDPE
ONE 235-10	MH-4296	MH-4195	589.83	589.45	588.8	588.5	30.2	150	0.38	100	1.52	0.0251	0.8	0.88	0.8	9.4	0.011	HDPE
ONE 235-53	MH-4735	MH-4736	582.6	581.85	581.2	580.9	30.2	150	0.84	100	1.52	0.3742	1	1.25	0.8	36.6	0.011	HDPE
ONE 235-51	MH-4737	MH-4738	570.72	570.45	569.77	569.5	30.2	150	0.36	113	1.4305	0.0234	0.8	0.8	0.8	13.1	0.011	HDPE
ONE 235-53	MH-4739	MH-3386	578.94	578.15	577.48	577.17	30.2	175	1.37	100	2.5221	2.0188	1	1.29	0.8	72.2	0.01	HDPE
ONE 235-34	MH-4742	MH-630	580.1	579.99	579.15	578.89	30.2	150	0.6	118	1.3979	0.1437	0.9	0.8	0.95	22.8	0.011	HDPE
ONE 235-33	MH-686	MH-4745	592.84	592.45	591.47	591.5	30.3	150	0.15	1,000	0.4807	0.0167	1	1.22	0.8	10.4	0.011	HDPE
ONE 235-60	MH-2624	MH-4746	577.07	576.59	575.58	575.34	30.3	271	1.2	126	7.2052	1.7104	1.1	1.22	0.98	40.9	0.01	HDPE
ONE 235-12	MH-4748	MH-4542	589.64	588.88	588.23	587.93	30.3	150	0.77	100	1.52	0.2785	1	1.26	0.8	31.4	0.011	HDPE
ONE 235-31	MH-2800	MH-4751	590.29	589.61	588.37	588.22	30.1	400	1.14	198	16.2291	2.798	1.3	1.52	0.99	31.8	0.01	HDPE
ONE 235-12	MH-4752	MH-1041	577.97	577.25	576.6	576.3	30.3	150	0.4	100	1.52	0.0309	1	1.22	0.8	12.3	0.011	HDPE
ONE 235-19	MH-4121	MH-2951	579.78	580.51	578.83	579.14	30.4	150	0.77	100	1.52	0.2819	1	0.8	1.22	31.6	0.011	HDPE
ONE 235-51	MH-4704	MH-4758	563.32	562.56	561.14	561.04	30.4	600	1.48	300	36.1977	18.2177	1.2	1.58	0.91	49.9	0.011	HDPE
ONE 235-32	MH-4559	MH-3517	592.29	592.07	591.34	591.12	30.4	150	0.71	140	1.283	0.3137	0.8	0.8	0.8	36.8	0.011	HDPE
ONE 235-51	MH-4758	MH-4602	562.56	561.81	560.4	560.3	30.4	600	1.49	300	36.1977	18.2758	1.2	1.56	0.91	49.9	0.011	HDPE
ONE 235-57	MH-4339	MH-3245	573.87	574.16	571.99	571.83	30.4	150	0.6	200	1.0744	0.2757	2	1.74	2.18	44.5	0.011	HDPE
ONE 235-57	MH-4198	MH-2657	575.02	574.79	574.07	573.84	30.4	150	0.73	129	1.3405	0.3173	0.8	0.8	0.8	37.2	0.011	HDPE
ONE 235-34	MH-2911	MH-2934	579.39	579.28	578.35	578.12	30.4	150	0.6	130	1.3307	0.1616	0.9	0.88	1.01	26.9	0.011	HDPE
ONE 235-19	MH-4764	MH-2317	583.34	582.74	581.76	581.79	30.4	150	0.25	1,000	0.4807	0.0901	1.1	1.43	0.8	30.8	0.011	HDPE
ONE 235-54	MH-3333	MH-3168	579.78	579.35	578.7	578.4	30.5	150	0.88	100	1.52	0.4359	0.9	0.92	0.8	39.6	0.011	HDPE
ONE 235-51	MH-4701	MH-4779	566.32	565.57	564.16	564.06	30.6	600	1.46	300	36.1977	17.2257	1.2	1.56	0.91	48.3	0.011	HDPE
ONE 235-58	MH-4513	MH-3385	586.01	585.43	584.78	584.48	30.6	150	0.52	100	1.52	0.0723	0.9	1.08	0.8	15.9	0.011	HDPE
ONE 235-51	MH-4783	MH-4784	568.04	567.92	566.6	566.36	30.6	150	0.6	126	1.3515	0.1577	1.3	1.28	1.4	28.3	0.011	HDPE
ONE 235-10	MH-4785	MH-4521	589.08	588.67	587.91	587.6	30.6	271	1.33	100	8.0956	1.8118	0.9	0.9	0.8	36.8	0.01	HDPE
ONE 235-31	MH-2456	MH-695	590.44	590.02	589.39	589.07	31.8	150	0.58	100	1.52	0.1078	0.9	0.9	0.8	19.4	0.011	HDPE
ONE 235-55	MH-4794	MH-2946	571.94	571.37	570.7	570.39	30.7	175	1.28	100	2.5221	1.463	0.9	1.06	0.8	60.1	0.01	HDPE
ONE 235-51	MH-4779	MH-787	565.57	564.8	563.39	563.29	30.7	600	1.46	300	36.1977	17.2686	1.2	1.58	0.91	48.4	0.011	HDPE
ONE 235-24	MH-4798	MH-4799	586.1	585.41	584.77	584.46	30.7	150	0.4	100	1.52	0.0303	1	1.18	0.8	10.3	0.011	HDPE
ONE 235-64	MH-4800	MH-4801	572.62	572.5	570.91	570.78	30.7	150	0.6	243	0.9758	0.3575	1.6	1.56	1.57	41.5	0.011	HDPE
ONE 235-52	MH-3797	MH-880	576.93	576.82	574.78	574.75	30.8	271	0.6	898	2.702	1.935	1.8	1.88	1.8	50.9	0.01	HDPE
ONE 235-4	MH-4804	MH-229	591.25	590.52	589.87	589.57	30.7	150	0.37	100	1.52	0.0229	1	1.23	0.8	9	0.011	HDPE
ONE 235-51	MH-787	MH-4703	564.8	564.05	562.64	562.54	30.7	600	1.48	300	36.1977	18.1464	1.2	1.56	0.91	49.7	0.011	HDPE
ONE 235-60	MH-4805	MH-4806	577.73	576.89	576.25	575.94	30.8	150	0.97	100	1.52	0.6356	1.1	1.34	0.8	48.4	0.011	HDPE
ONE 235-12	MH-4808	MH-4809	586.91	586.51	585.87	585.56	30.8	150	0.33	100	1.52	0.0162	0.8	0.89	0.8	7.6	0.011	HDPE
ONE 235-53	MH-1538	MH-1766	576.42	575.99	573.52	573.49	30.8	400	0.62	1,000	6.573	3.2687	2.3	2.49	2.1	49	0.011	HDPE
ONE 235-67	MH-4082	MH-2148	590.02	589.89	589.07	588.87	30.8	150	0.6	154	1.2243	0.2005	0.8	0.8	0.88	27.9	0.011	HDPE
ONE 235-53	MH-4815	MH-4232	573.94	573.64	572.05	572.02	30.8	400	0.65	1,000	6.573	4.2368	1.3	1.48	1.22	53.8	0.011	HDPE
ONE 235-57	MH-4818	MH-4819	574.48	574.74	573.53	573.79	30.8	150	0.61	120	1.3885	0.1523	0.8	0.8	0.8	26.9	0.011	HDPE
ONE 235-11	MH-3827	MH-4337	590.96	590.62	589.98	589.67	30.8	150	0.51	100	1.52	0.0657	0.8	0.83	0.8	15.1	0.011	HDPE
ONE 235-53	MH-4233	MH-4531	573.39	573.09	572	571.89	30.9	400	1.03	300	12.0013	4.3684	0.9	1	0.8	40.7	0.011	HDPE
ONE 235-30	MH-4696	MH-4824	592.4	591.9	591.26	590.95	30.9	150	0.87	100	1.52	0.4337	0.9	0.99	0.8	50.1	0.011	HDPE
ONE 235-56	MH-4827	MH-1220	580.04	579.49	578.85	578.54	30.9	150	0.41	100	1.52	0.0334	0.9	1.05	0.8	10.8	0.011	HDPE
ONE 235-54	MH-4266	MH-4830	585.46	584.87	584.23	583.92	30.9	150	0.94	100	1.52	0.5602	0.9	1.08	0.8	45.3	0.011	HDPE
ONE 235-32	MH-4514	MH-4336	590.91	591.09	589.18	589.15	31	150	0.26	1,000	0.4807	0.1056	1.7	1.58	1.8	28.6	0.011	HDPE
ONE 235-30	MH-4832	MH-4833	601.17	600.66	599.35	599.25	31	500	1.28	300	22.2603	10.0495	1.1	1.31	0.91	46.6	0.011	HDPE
ONE 235-34	MH-4838	MH-4422	590.46	590.85	589.51	589.48	31	150	0.2	1,000	0.4807	0.0412	1	0.8	1.22	22.2	0.011	HDPE
ONE 235-5	MH-4426	MH-4839	570.08	570.61	569.13	569.44	31	150	0.74	100	1.52	0.2486	0.9	0.8	1.02	29.6	0.011	HDPE
ONE 235-53	MH-4842	MH-2819	576.86	576.2	575.56	575.25	31.1	150	1.26	100	1.672	1.4701	1	1.14	0.8	75.9	0.01	HDPE
ONE 235-51	MH-4847	MH-3798	570.16	569.88	569.21	568.92	31.2	150	0.6	106	1.4779	0.1268	0.8	0.8	0.81	21.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-59	MH-4345	MH-2271	585.56	584.81	584.17	583.86	31.2	150	0.87	100	1.52	0.4347	1	1.24	0.8	39.6	0.011	HDPE
ONE 235-24	MH-4853	MH-3015	576.11	576	575.16	575.05	31.2	150	0.15	283	0.9028	0.004	0.8	0.8	0.8	5.5	0.011	HDPE
ONE 235-33	MH-2139	MH-4530	592.4	592.76	590.49	590.62	31.2	150	0.6	231	0.9993	0.3344	1.9	1.76	1.98	40.6	0.011	HDPE
ONE 235-23	MH-4856	MH-4857	587.6	587.9	586.65	586.61	31.2	150	0.19	1,000	0.4807	0.0406	1	0.8	1.14	16.1	0.011	HDPE
ONE 235-60	MH-2855	MH-1662	575.3	574.88	574.12	573.8	31.2	271	1.37	100	8.0956	2.0178	0.9	0.91	0.8	39	0.01	HDPE
ONE 235-34	MH-4107	MH-2137	579.45	579.72	578.27	578.48	31.2	150	0.6	152	1.2334	0.1964	1.1	1.03	1.09	30	0.011	HDPE
ONE 235-52	MH-4660	MH-4859	572.41	571.99	571.11	570.79	31.3	400	1.43	100	20.7858	3.3662	0.9	0.9	0.8	30.9	0.011	HDPE
ONE 235-56	MH-1141	MH-2063	576.4	576.08	575.44	575.13	31.3	150	0.89	100	1.52	0.4586	0.8	0.81	0.8	40.7	0.011	HDPE
ONE 235-59	MH-4860	MH-3922	576.15	576.03	575.05	575.08	31.3	150	0.15	1,000	0.4807	0.0171	0.9	0.95	0.8	17.4	0.011	HDPE
ONE 235-53	MH-4862	MH-4614	578.23	577.82	577.18	576.87	31.4	150	0.36	100	1.52	0.0205	0.8	0.9	0.8	8.5	0.011	HDPE
ONE 235-19	MH-4254	MH-4863	578.98	579.74	578.03	578.35	31.4	150	0.47	100	1.52	0.0513	1	0.8	1.24	15.7	0.011	HDPE
ONE 235-35	MH-662	MH-4867	569.37	569.98	568.42	568.74	31.9	150	0.72	100	1.52	0.2209	0.9	0.8	1.09	27.9	0.011	HDPE
ONE 235-33	MH-4871	MH-852	592.29	591.92	591.29	590.97	31.4	150	0.51	100	1.52	0.069	0.8	0.85	0.8	15.5	0.011	HDPE
ONE 235-54	MH-4830	MH-2773	584.87	584.38	583.75	583.43	31.4	150	0.98	100	1.52	0.6644	0.9	0.97	0.8	49.7	0.011	HDPE
ONE 235-35	MH-4872	MH-3999	572.78	572.59	571.83	571.64	31.4	150	0.65	172	1.1589	0.2989	0.8	0.8	0.8	36.7	0.011	HDPE
ONE 235-57	MH-3592	MH-4494	576.16	575.86	575.21	574.91	31.4	150	0.46	106	1.4795	0.051	0.8	0.8	0.8	17.9	0.011	HDPE
ONE 235-53	MH-4879	MH-4815	574.26	573.94	572.08	572.05	31.5	400	0.65	1,000	6.573	4.1797	1.6	1.77	1.48	55.6	0.011	HDPE
ONE 235-54	MH-4882	MH-3905	583.36	582.79	582.16	581.84	31.5	150	0.35	100	1.52	0.0186	0.9	1.05	0.8	8.1	0.011	HDPE
ONE 235-64	MH-4884	MH-4885	569.49	568.83	568.19	567.88	31.5	150	0.66	100	1.52	0.1645	1	1.14	0.8	24	0.011	HDPE
ONE 235-65	MH-4227	MH-4887	569.44	569.95	568.49	568.87	38.5	150	0.43	100	1.52	0.0395	0.9	0.8	0.94	11.8	0.011	HDPE
ONE 235-24	MH-4888	MH-2084	584	584.08	582.68	582.65	31.6	150	0.26	1,000	0.4807	0.1045	1.2	1.17	1.28	26	0.011	HDPE
ONE 235-11	MH-4890	MH-4891	592.94	593.36	591.99	592.3	31.6	150	0.47	100	1.52	0.0527	0.9	0.8	0.91	13.6	0.011	HDPE
ONE 235-2	MH-2354	MH-99	591.17	591.67	590.15	590.47	31.6	217	1.09	100	4.476	0.8268	0.9	0.8	0.99	32.9	0.01	HDPE
ONE 235-19	MH-4895	MH-4718	581.77	581.28	580.64	580.33	31.6	150	0.6	100	1.52	0.1151	0.9	0.98	0.8	20	0.011	HDPE
ONE 235-10	MH-4897	MH-4898	589.71	589.3	588.67	588.35	31.6	150	0.43	100	1.52	0.0376	0.8	0.89	0.8	11.5	0.011	HDPE
ONE 235-32	MH-1053	MH-4899	583.02	582.39	581.17	581.05	31.6	150	0.38	282	0.9055	0.0832	1.4	1.7	1.19	20.4	0.011	HDPE
ONE 235-53	MH-4900	MH-4879	574.59	574.26	572.12	572.08	31.7	400	0.65	1,000	6.573	4.126	1.9	2.07	1.77	56.2	0.011	HDPE
ONE 235-67	MH-4202	MH-4906	570.95	570.36	568.23	568.17	31.7	217	0.6	508	1.9853	0.8093	2.2	2.5	1.97	40.3	0.01	HDPE
ONE 235-51	MH-2507	MH-2275	572.04	572.33	570.34	570.28	31.7	217	0.6	610	1.8117	1.0643	1.7	1.49	1.83	49.5	0.01	HDPE
ONE 235-53	MH-4911	MH-4572	579.6	579.16	578.53	578.21	31.7	150	0.58	100	1.52	0.107	0.9	0.92	0.8	19.3	0.011	HDPE
ONE 235-35	MH-4912	MH-661	568.8	569.38	567.68	567.75	31.7	175	0.6	420	1.2301	0.6056	1.2	0.95	1.45	53.6	0.01	HDPE
ONE 235-9	MH-2036	MH-4913	579.55	579.83	578.52	578.34	31.7	150	0.6	170	1.1644	0.2274	1.1	0.88	1.34	30.2	0.011	HDPE
ONE 235-53	MH-3307	MH-4900	574.89	574.59	572.15	572.12	31.8	400	0.65	1,000	6.573	4.0751	2.2	2.35	2.07	56.3	0.011	HDPE
ONE 235-33	MH-4915	MH-2725	596.56	596.19	595.55	595.24	31.8	150	0.31	100	1.52	0.0135	0.8	0.86	0.8	7	0.011	HDPE
ONE 235-5	MH-4916	MH-4917	592.7	592	591.37	591.05	31.8	150	0.74	100	1.52	0.2391	1	1.18	0.8	33.7	0.011	HDPE
ONE 235-52	MH-4922	MH-1413	576.71	576.1	575.4	575.08	31.8	217	1.47	100	4.476	2.5548	0.9	1.1	0.8	60.2	0.01	HDPE
ONE 235-33	MH-4925	MH-965	592.1	591.75	591.12	590.8	31.9	150	0.52	100	1.52	0.0742	0.8	0.84	0.8	16.1	0.011	HDPE
ONE 235-24	MH-4927	MH-4433	582.66	581.84	581.21	580.89	32	150	0.36	100	1.52	0.0219	1	1.3	0.8	8.8	0.011	HDPE
ONE 235-55	MH-2374	MH-4794	572.52	571.94	571.28	570.96	32.1	175	1.27	100	2.5221	1.4267	0.9	1.07	0.8	59.2	0.01	HDPE
ONE 235-24	MH-4932	MH-4122	580.85	580.2	579.57	579.25	32.1	150	0.61	100	1.52	0.1223	1	1.12	0.8	22.9	0.011	HDPE
ONE 235-11	MH-4933	MH-3479	594.5	595.01	593.55	593.87	32.1	150	0.71	100	1.52	0.2114	0.9	0.8	0.99	27.3	0.011	HDPE
ONE 235-19	MH-4934	MH-4935	578.2	577.61	576.63	576.66	32.2	150	0.23	1,000	0.4807	0.069	1.1	1.42	0.8	24.3	0.011	HDPE
ONE 235-11	MH-4939	MH-3569	592.7	592.28	591.66	591.33	32.2	150	0.32	100	1.52	0.0145	0.8	0.89	0.8	7.2	0.011	HDPE
ONE 235-61	MH-2518	MH-3034	583.59	582.83	582.21	581.88	32.2	150	0.49	100	1.52	0.0609	1	1.23	0.8	14.6	0.011	HDPE
ONE 235-59	MH-3651	MH-2890	588.51	587.73	587.1	586.78	32.2	150	0.79	100	1.52	0.307	1	1.26	0.8	33	0.011	HDPE
ONE 235-10	MH-4196	MH-4388	589.13	588.71	588.09	587.76	32.2	150	0.46	100	1.52	0.0491	0.8	0.9	0.8	13.1	0.011	HDPE
ONE 235-55	MH-4446	MH-2970	579.08	578.71	577.38	577.27	23.7	150	0.6	232	0.9988	0.3348	1.4	1.55	1.29	40.2	0.011	HDPE
ONE 235-23	MH-4946	MH-4947	584.88	583.83	583.2	582.88	32.3	150	0.87	100	1.52	0.4338	1.2	1.53	0.8	39.5	0.011	HDPE
ONE 235-53	MH-4573	MH-4951	578.78	578.34	577.72	577.39	32.3	150	0.81	100	1.52	0.3286	0.9	0.91	0.8	34.2	0.011	HDPE
ONE 235-57	MH-4952	MH-4953	575.81	575.53	574.86	574.58	32.3	150	0.33	117	1.4061	0.0184	0.8	0.8	0.8	11.5	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-53	MH-4081	MH-1776	583.31	582.68	582.05	581.73	32.4	150	0.57	100	1.52	0.098	1	1.11	0.8	18.5	0.011	HDPE
ONE 235-52	MH-4962	MH-816	576.69	576.22	575.6	575.27	32.4	150	0.61	100	1.52	0.1254	0.9	0.94	0.8	37.6	0.011	HDPE
ONE 235-59	MH-3558	MH-4964	587.34	586.56	585.93	585.61	32.4	150	0.41	100	1.52	0.032	1	1.27	0.8	10.6	0.011	HDPE
ONE 235-57	MH-4966	MH-4967	575.33	575.14	574.38	574.07	32.4	150	0.6	102	1.5029	0.1203	0.9	0.8	0.92	26.3	0.011	HDPE
ONE 235-23	MH-1106	MH-4971	581.54	580.68	579.9	579.66	32.5	217	0.99	133	3.8795	0.8527	1.1	1.42	0.8	42.5	0.01	HDPE
ONE 235-19	MH-3694	MH-4976	586.66	585.95	585.32	585	32.5	150	0.78	100	1.52	0.2825	1	1.18	0.8	31.6	0.011	HDPE
ONE 235-34	MH-633	MH-4979	582.8	583.5	581.17	581.03	32.6	150	0.6	231	0.9994	0.3343	1.9	1.48	2.32	40.3	0.011	HDPE
ONE 235-23	MH-742	MH-4982	583.44	583.74	582.37	582.69	32.5	150	0.6	104	1.4915	0.122	0.9	0.92	0.9	20.7	0.011	HDPE
ONE 235-64	MH-3373	MH-4983	596.86	597.35	595.91	596.24	32.6	150	0.84	100	1.52	0.3809	0.9	0.8	0.96	36.9	0.011	HDPE
ONE 235-18	MH-2306	MH-121	586.51	585.78	585.16	584.83	32.7	150	0.67	100	1.52	0.1724	1	1.2	0.8	24.6	0.011	HDPE
ONE 235-11	MH-1602	MH-697	590.86	590.52	589.75	589.45	32.7	271	1.23	110	7.7165	1.57	0.8	0.84	0.8	38.9	0.01	HDPE
ONE 235-61	MH-3093	MH-4987	594.91	595.6	593.96	594.29	32.7	150	0.94	100	1.52	0.5586	1	0.8	1.16	45.2	0.011	HDPE
ONE 235-57	MH-3245	MH-4818	574.16	574.48	573.21	573.53	32.7	150	0.69	103	1.496	0.2019	0.8	0.8	0.8	26.7	0.011	HDPE
ONE 235-12	MH-4809	MH-3987	586.51	586.02	585.4	585.07	32.7	150	0.41	100	1.52	0.0329	0.9	0.96	0.8	10.8	0.011	HDPE
ONE 235-61	MH-3792	MH-2844	581.66	581.01	580.27	579.94	32.7	271	1.38	100	8.0956	2.0729	1	1.12	0.8	39.5	0.01	HDPE
ONE 235-59	MH-3218	MH-3557	588.65	587.85	587.22	586.9	32.8	150	0.3	100	1.52	0.0119	1	1.28	0.8	6.5	0.011	HDPE
ONE 235-61	MH-43	MH-3211	595.23	595.63	592.6	592.65	32.8	217	0.6	634	1.7779	1.1326	2.6	2.41	2.76	60.7	0.01	HDPE
ONE 235-30	MH-4997	MH-4695	593.43	592.89	592.27	591.94	32.8	150	0.84	100	1.52	0.3812	0.9	1.01	0.8	36.9	0.011	HDPE
ONE 235-59	MH-4999	MH-3530	568.93	568.47	566.47	566.4	32.9	175	0.6	488	1.1423	0.7682	2.1	2.29	1.89	53.2	0.01	HDPE
ONE 235-53	MH-5000	MH-4735	583.3	582.6	581.98	581.65	32.9	150	0.81	100	1.52	0.3285	1	1.17	0.8	34.2	0.011	HDPE
ONE 235-19	MH-5003	MH-4895	582.33	581.77	580.69	580.64	32.9	150	0.28	726	0.564	0.0935	1.2	1.49	0.98	24.5	0.011	HDPE
ONE 235-12	MH-5004	MH-3855	574.85	574.37	573.75	573.42	32.9	150	0.35	100	1.52	0.0182	0.9	0.95	0.8	8	0.011	HDPE
ONE 235-51	MH-5007	MH-5008	564.36	565.18	563.38	563.32	33	175	0.6	498	1.1303	0.7952	1.2	0.8	1.68	54.5	0.01	HDPE
ONE 235-61	MH-2653	MH-5010	580.45	579.82	579.2	578.87	33	150	0.43	100	1.52	0.0388	1	1.1	0.8	11.7	0.011	HDPE
ONE 235-31	MH-5012	MH-5013	590.52	589.87	589.29	588.92	37	150	0.9	100	1.52	0.4911	0.9	1.08	0.8	42.2	0.011	HDPE
ONE 235-57	MH-4495	MH-2801	575.63	575.36	574.68	574.41	33.1	150	0.63	120	1.3894	0.1745	0.8	0.8	0.8	28.1	0.011	HDPE
ONE 235-57	MH-4953	MH-4966	575.53	575.33	574.58	574.38	33.2	150	0.39	167	1.176	0.0517	0.8	0.8	0.8	18.3	0.011	HDPE
ONE 235-35	MH-5218	MH-850	571.45	571.54	570.5	570.38	36	150	0.25	290	0.8933	0.0213	0.9	0.8	1.01	29	0.011	HDPE
ONE 235-10	MH-4014	MH-4897	590.14	589.71	589.12	588.76	36	150	0.37	100	1.52	0.0228	0.8	0.87	0.8	9	0.011	HDPE
ONE 235-24	MH-4434	MH-313	581.15	580.38	579.79	579.43	36	150	0.49	100	1.52	0.0609	1	1.2	0.8	14.6	0.011	HDPE
ONE 235-30	MH-4824	MH-100	591.9	591.67	590.95	590.72	36	150	0.85	155	1.2195	0.7497	0.8	0.8	0.8	56.5	0.011	HDPE
ONE 235-31	MH-5222	MH-5223	591.16	591.37	590.21	590.18	28.3	150	0.23	1,000	0.4807	0.0715	0.9	0.8	1.04	32.9	0.011	HDPE
ONE 235-30	MH-5226	MH-5211	598.37	597.91	597.32	596.96	36.1	150	0.36	100	1.52	0.0217	0.8	0.9	0.8	8.8	0.011	HDPE
ONE 235-12	MH-5169	MH-5230	592.71	591.81	591.23	590.86	36.2	150	0.64	100	1.52	0.1494	1.1	1.34	0.8	22.8	0.011	HDPE
ONE 235-54	MH-5231	MH-1050	581.88	581.05	580.46	580.1	36.2	150	0.75	100	1.52	0.2525	1	1.28	0.8	29.9	0.011	HDPE
ONE 235-16	MH-5233	MH-4463	592.48	591.67	591.08	590.72	36.2	150	0.82	100	1.52	0.3454	1	1.24	0.8	35.1	0.011	HDPE
ONE 235-59	MH-5237	MH-3121	581.95	581.2	580.61	580.25	36.3	150	0.4	100	1.52	0.0308	1	1.19	0.8	10.4	0.011	HDPE
ONE 235-53	MH-5238	MH-5239	583.43	582.72	582.13	581.77	36.3	150	0.95	100	1.52	0.5835	1	1.15	0.8	46.3	0.011	HDPE
ONE 235-61	MH-4074	MH-3575	599.41	598.79	598.2	597.84	36.4	150	0.71	100	1.52	0.2076	0.9	1.06	0.8	27	0.011	HDPE
ONE 235-30	MH-5187	MH-3524	594.16	593.72	593.13	592.77	36.4	150	0.44	100	1.52	0.0418	0.8	0.88	0.8	12.1	0.011	HDPE
ONE 235-12	MH-4200	MH-4578	586.03	585.38	584.79	584.43	36.5	150	0.48	100	1.52	0.0552	0.9	1.09	0.8	13.9	0.011	HDPE
ONE 235-51	MH-5008	MH-787	565.18	564.8	563.28	563.02	36.5	217	0.96	144	3.7328	0.8434	1.6	1.68	1.56	34.7	0.01	HDPE
ONE 235-53	MH-5260	MH-5261	584.78	584.18	583.59	583.23	36.6	150	0.83	100	1.52	0.3675	0.9	1.04	0.8	36.2	0.011	HDPE
ONE 235-23	MH-5263	MH-5264	583.05	582.83	582.1	581.88	36.6	150	0.41	168	1.1726	0.062	0.8	0.8	0.8	19.4	0.011	HDPE
ONE 235-52	MH-5265	MH-1408	574.07	574.3	573.12	573.08	36.6	150	0.22	1,000	0.4807	0.0617	0.9	0.8	1.07	26.4	0.011	HDPE
ONE 235-11	MH-5210	MH-4448	591.73	591.32	589.91	589.85	36.6	217	0.6	682	1.7146	1.2923	1.4	1.61	1.25	63.2	0.01	HDPE
ONE 235-53	MH-3815	MH-1320	586.1	585.26	584.44	584.18	36.6	150	0.6	140	1.2836	0.178	1.2	1.51	0.93	27.4	0.011	HDPE
ONE 235-19	MH-5268	MH-3697	578.78	578.88	576.43	576.23	36.7	150	0.6	189	1.1047	0.2574	2.4	2.2	2.5	33.9	0.011	HDPE
ONE 235-53	MH-5269	MH-4039	577.4	578.23	576.45	576.41	36.7	150	0.17	1,000	0.4807	0.0238	1.2	0.8	1.66	19.7	0.011	HDPE
ONE 235-32	MH-5166	MH-2883	581.65	580.89	580.31	579.94	36.8	150	0.63	100	1.52	0.1392	1	1.19	0.8	22	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-53	MH-4591	MH-5271	572.51	572.57	571.08	570.89	36.8	150	0.6	191	1.1008	0.2615	1.4	1.28	1.53	38.1	0.011	HDPE
DNE 235-65	MH-5146	MH-2896	570.43	569.94	569.36	568.99	36.8	150	0.52	100	1.52	0.0745	0.9	0.92	0.8	16.1	0.011	HDPE
DNE 235-31	MH-5273	MH-5274	587.11	586.71	586.12	585.76	36.8	150	1.14	100	1.672	0.9042	0.8	0.84	0.8	63.9	0.01	HDPE
DNE 235-32	MH-706	MH-5090	592.3	592.55	588.43	588.37	36.8	217	0.6	549	1.9105	0.9048	3.8	3.65	3.97	44.1	0.01	HDPE
DNE 235-12	MH-5279	MH-672	576.12	575.7	575.11	574.75	36.8	150	0.4	100	1.52	0.0296	0.8	0.85	0.8	10.2	0.011	HDPE
DNE 235-33	MH-5283	MH-5284	595.43	594.9	594.32	593.95	36.9	150	0.45	100	1.52	0.0455	0.9	0.97	0.8	12.6	0.011	HDPE
DNE 235-59	MH-5285	MH-5286	580.13	580.86	579.18	579.14	36.9	150	0.16	1,000	0.4807	0.0203	1.2	0.8	1.57	18.3	0.011	HDPE
DNE 235-59	MH-5139	MH-2787	585.52	584.6	584.02	583.65	36.9	150	0.58	100	1.52	0.1076	1.1	1.35	0.8	19.4	0.011	HDPE
DNE 235-23	MH-5292	MH-523	581.94	580.89	580.06	579.69	37	400	1.49	100	20.7858	3.9085	1.1	1.49	0.8	33.3	0.011	HDPE
DNE 235-59	MH-5286	MH-3871	580.86	580.38	579.14	579.1	37	150	0.22	1,000	0.4807	0.0565	1.3	1.57	1.12	19	0.011	HDPE
DNE 235-19	MH-2988	MH-5268	578.73	578.78	576.65	576.43	37	150	0.6	165	1.1821	0.2164	2.1	1.93	2.2	31.3	0.011	HDPE
DNE 235-11	MH-5295	MH-5296	599.46	599.89	598.51	598.88	37	150	0.49	100	1.52	0.0585	0.8	0.8	0.87	14.3	0.011	HDPE
DNE 235-51	MH-3799	MH-4649	569.61	569.19	568.61	568.24	37.1	150	0.77	100	1.52	0.2758	0.8	0.86	0.8	31.2	0.011	HDPE
DNE 235-31	MH-3925	MH-5300	587.92	587.66	586.97	586.62	37.1	150	0.6	105	1.4814	0.1235	0.8	0.8	0.89	20.9	0.011	HDPE
DNE 235-35	MH-485	MH-580	572.86	572.98	570.77	570.74	37.1	150	0.21	1,000	0.4807	0.0545	2	1.94	2.09	35.5	0.011	HDPE
DNE 235-61	MH-4983	MH-2193	597.35	597.83	596.4	596.77	37.2	150	0.82	100	1.52	0.3434	0.9	0.8	0.9	35	0.011	HDPE
DNE 235-53	MH-5261	MH-5238	584.18	583.43	582.86	582.48	37.4	150	0.9	100	1.52	0.4831	1	1.17	0.8	41.8	0.011	HDPE
DNE 235-51	MH-2212	MH-4551	571.93	571.69	570.05	570.01	37.4	400	0.7	1,000	6.573	5.8231	1.4	1.47	1.27	68.2	0.011	HDPE
DNE 235-65	MH-5302	MH-3222	571.33	571.99	570.38	570.76	37.5	150	0.77	100	1.52	0.2794	0.9	0.8	1.08	31.4	0.011	HDPE
DNE 235-18	MH-4160	MH-5317	587.47	588.01	586.52	586.25	37.7	150	0.6	142	1.2747	0.1808	1.2	0.8	1.61	29	0.011	HDPE
DNE 235-10	MH-4589	MH-4785	589.56	589.08	588.39	588.01	37.9	271	1.33	100	8.0956	1.7935	0.9	0.91	0.8	36.6	0.01	HDPE
DNE 235-19	MH-5321	MH-4324	585.3	586.08	584.35	584.73	37.9	150	0.59	100	1.52	0.1121	1	0.8	1.2	19.8	0.011	HDPE
DNE 235-30	MH-348	MH-2354	591.44	591.17	590.36	590.1	37.9	271	1.22	141	6.8172	2.0975	0.8	0.8	0.8	41.4	0.01	HDPE
DNE 235-31	MH-973	MH-3432	587.6	588.23	586.63	587.01	37.9	175	1.1	100	2.5221	0.8131	0.9	0.8	1.05	43.6	0.01	HDPE
DNE 235-24	MH-5326	MH-3567	578	578.38	577.05	577.01	37.9	150	0.25	1,000	0.4807	0.1026	1	0.8	1.21	37.2	0.011	HDPE
DNE 235-24	MH-3885	MH-4932	581.78	580.85	580.28	579.9	38	150	0.54	100	1.52	0.0833	1.1	1.35	0.8	17.1	0.011	HDPE
DNE 235-24	MH-5332	MH-5333	584.45	583.75	583.19	582.8	38	150	0.58	100	1.52	0.1026	1	1.11	0.8	22.6	0.011	HDPE
DNE 235-33	MH-5334	MH-5335	591.57	590.52	589.88	589.5	38	217	1.14	100	4.476	0.968	1.1	1.47	0.8	35.8	0.01	HDPE
DNE 235-51	MH-5342	MH-4090	559.43	558.32	556.94	556.81	38.1	600	1.49	300	36.1977	18.4942	1.4	1.9	0.91	50.3	0.011	HDPE
DNE 235-23	MH-5344	MH-5292	583.05	581.94	580.71	580.67	38.2	400	0.62	1,000	6.573	3.3063	1.4	1.95	0.87	40.8	0.011	HDPE
DNE 235-61	MH-5345	MH-218	591.88	591.02	590.43	590.07	35.8	150	0.53	100	1.52	0.0763	1.1	1.3	0.8	27.7	0.011	HDPE
DNE 235-18	MH-121	MH-5173	585.78	585.46	583.35	583.51	39.1	150	0.6	239	0.9838	0.3491	2	2.28	1.79	39.5	0.011	HDPE
DNE 235-33	MH-3617	MH-4925	592.55	592.1	591.53	591.15	38.3	150	0.48	100	1.52	0.0553	0.8	0.87	0.8	13.9	0.011	HDPE
DNE 235-30	MH-5349	MH-5350	592.97	592.35	591.79	591.4	38.3	150	0.37	100	1.52	0.0243	0.9	1.04	0.8	9.3	0.011	HDPE
DNE 235-19	MH-1308	MH-4934	578.97	578.2	576.28	576.63	38.4	150	0.6	111	1.4411	0.1337	2	2.54	1.42	24	0.011	HDPE
DNE 235-61	MH-217	MH-5012	591.02	590.52	589.81	589.57	24.2	150	0.81	100	1.52	0.3308	0.9	1.06	0.8	34.3	0.011	HDPE
DNE 235-19	MH-5360	MH-5201	583.83	584.51	582.88	583.27	38.5	150	0.94	100	1.52	0.5748	0.9	0.8	1.09	45.9	0.011	HDPE
DNE 235-52	MH-5362	MH-4432	571.45	570.97	570.16	569.77	38.6	400	1.45	100	20.7858	3.5296	0.8	0.9	0.8	35.8	0.011	HDPE
DNE 235-64	MH-5363	MH-5364	571.74	571.37	570.79	570.42	38.6	150	0.55	106	1.4784	0.091	0.8	0.8	0.8	22	0.011	HDPE
DNE 235-52	MH-4499	MH-4962	577.16	576.69	576.12	575.74	38.6	150	0.51	100	1.52	0.0663	0.8	0.88	0.8	15.2	0.011	HDPE
DNE 235-32	MH-3518	MH-84	591.93	591.42	590.74	590.47	27.6	150	0.83	100	1.52	0.3583	0.9	1.04	0.8	41	0.011	HDPE
DNE 235-31	MH-5370	MH-5371	591	591.54	590.05	590.01	38.7	150	0.21	1,000	0.4807	0.0526	1.1	0.8	1.38	22.1	0.011	HDPE
DNE 235-30	MH-5373	MH-5374	595.03	594.43	593.86	593.48	38.7	150	0.4	100	1.52	0.0301	0.9	1.01	0.8	10.3	0.011	HDPE
DNE 235-33	MH-2565	MH-5334	592.63	591.57	590.35	590.28	38.9	217	0.6	549	1.9107	0.9043	1.6	2.07	1.07	43.3	0.01	HDPE
DNE 235-23	MH-4070	MH-742	582.45	583.44	581.32	581.1	38.9	150	0.6	177	1.1426	0.2381	1.6	0.97	2.19	37.5	0.011	HDPE
DNE 235-53	MH-5385	MH-4842	577.73	576.86	576.3	575.91	38.9	150	1.25	100	1.672	1.4359	1	1.28	0.8	74.8	0.01	HDPE
DNE 235-11	MH-590	MH-4933	594	594.5	593.05	593.44	38.9	150	0.74	100	1.52	0.2369	0.9	0.8	0.91	28.9	0.011	HDPE
DNE 235-1	MH-2571	MH-5392	600.67	600.35	599.72	599.4	39	150	0.4	123	1.3728	0.0371	0.8	0.8	0.8	11.7	0.011	HDPE
DNE 235-57	MH-4967	MH-4073	575.14	574.85	574.07	573.84	39	150	0.6	169	1.169	0.2218	0.9	0.92	0.87	33	0.011	HDPE
DNE 235-60	MH-3602	MH-2623	578.15	577.4	575.65	575.6	39	271	0.6	800	2.862	1.5942	1.9	2.23	1.53	51.1	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-35	MH-5401	MH-423	578	577.13	576.57	576.18	39.1	150	0.62	100	1.52	0.1295	1	1.27	0.8	21.2	0.011	HDPE
ONE 235-32	MH-1015	MH-3635	579.31	579.7	577.18	577.14	39.1	400	0.62	1,000	7.2303	2.5952	1.9	1.73	2.16	35.1	0.01	HDPE
ONE 235-33	MH-5405	MH-3616	593.24	592.79	592.23	591.84	39.1	150	0.36	100	1.52	0.021	0.8	0.86	0.8	8.6	0.011	HDPE
ONE 235-33	MH-209	MH-5406	592.61	591.92	591.3	590.91	39.1	217	1.12	100	4.476	0.9315	0.9	1.09	0.8	35.1	0.01	HDPE
ONE 235-67	MH-4913	MH-3634	579.83	579.75	577.59	577.53	39.2	900	1.36	700	69.8665	46.4484	1.3	1.34	1.32	51.9	0.011	HDPE
ONE 235-53	MH-3890	MH-5409	572.11	571.73	570.24	570.2	39.2	400	0.68	1,000	6.573	5.2017	1.3	1.47	1.12	55.5	0.011	HDPE
ONE 235-11	MH-4891	MH-5410	593.36	593.87	592.41	592.81	39.2	150	0.41	100	1.52	0.0323	0.9	0.8	0.92	10.6	0.011	HDPE
ONE 235-32	MH-5415	MH-5416	582.03	581.53	580.97	580.58	39.3	150	0.44	100	1.52	0.0404	0.9	0.91	0.8	11.9	0.011	HDPE
ONE 235-19	MH-5213	MH-1923	583.92	582.95	582.39	582	39.3	150	0.93	100	1.52	0.5455	1.1	1.37	0.8	44.6	0.011	HDPE
ONE 235-11	MH-5420	MH-5421	593.64	593.12	592.57	592.17	39.4	150	0.36	100	1.52	0.0204	0.9	0.93	0.8	8.5	0.011	HDPE
ONE 235-53	MH-1580	MH-1983	577.74	578.69	576.38	576.34	39.5	150	0.25	1,000	0.4807	0.0932	1.7	1.21	2.19	24.5	0.011	HDPE
ONE 235-30	MH-5428	MH-581	592.94	592.3	591.75	591.35	39.6	150	0.59	100	1.52	0.1084	0.9	1.04	0.8	27.4	0.011	HDPE
ONE 235-31	MH-2149	MH-5430	589.71	589.09	588.53	588.14	39.6	150	0.38	100	1.52	0.0259	0.9	1.02	0.8	14.1	0.011	HDPE
ONE 235-59	MH-5436	MH-4999	569.36	568.93	566.55	566.47	39.7	175	0.6	465	1.1697	0.7086	2.5	2.63	2.29	57.3	0.01	HDPE
ONE 235-33	MH-5437	MH-5438	593.77	593.39	591.76	591.67	39.7	175	0.6	454	1.1832	0.6829	1.7	1.83	1.54	56	0.01	HDPE
ONE 235-33	MH-5443	MH-3008	593.42	592.94	592.39	591.99	39.8	150	0.36	100	1.52	0.0208	0.8	0.88	0.8	8.6	0.011	HDPE
ONE 235-30	MH-5212	MH-1012	597.34	596.65	596.1	595.7	39.8	150	0.46	100	1.52	0.0495	0.9	1.09	0.8	13.2	0.011	HDPE
ONE 235-30	MH-582	MH-4824	592.3	591.9	591.35	590.95	40	150	0.77	102	1.5075	0.2916	0.8	0.8	0.8	46	0.011	HDPE
ONE 235-12	MH-672	MH-4639	575.7	574.85	574.3	573.9	39.9	150	0.75	100	1.52	0.2518	1	1.24	0.8	29.8	0.011	HDPE
ONE 235-33	MH-5455	MH-5437	593.92	593.77	591.86	591.76	40	175	0.6	413	1.2417	0.5895	1.9	1.89	1.83	50.8	0.01	HDPE
ONE 235-52	MH-4859	MH-5362	571.99	571.45	570.65	570.25	40	400	1.44	100	20.7858	3.44	0.9	0.94	0.8	31.2	0.011	HDPE
ONE 235-35	MH-662	MH-5456	569.37	568.9	567.78	567.95	40	150	0.6	233	0.9956	0.3377	1.1	1.44	0.8	40	0.011	HDPE
ONE 235-23	MH-4982	MH-5461	583.74	583.94	582.69	582.73	40.1	150	0.24	1,000	0.4807	0.0864	1	0.9	1.06	25.3	0.011	HDPE
ONE 235-61	MH-4987	MH-349	595.6	596.4	594.65	595.05	40.1	150	0.9	100	1.52	0.4902	1	0.8	1.2	42.2	0.011	HDPE
ONE 235-11	MH-5410	MH-5462	593.87	594.41	592.92	593.33	40.1	150	0.3	100	1.52	0.0118	0.9	0.8	0.93	6.5	0.011	HDPE
ONE 235-52	MH-817	MH-5188	576.21	575.64	575.09	574.69	40.1	150	1	100	1.52	0.7253	0.9	0.97	0.8	52.1	0.011	HDPE
ONE 235-31	MH-2537	MH-5468	590.68	591.63	589.73	590.13	40.1	150	0.46	100	1.52	0.0468	1.1	0.8	1.35	15.2	0.011	HDPE
ONE 235-12	MH-5472	MH-4748	590.62	589.64	589.09	588.69	40.2	150	0.74	100	1.52	0.2439	1.1	1.38	0.8	29.3	0.011	HDPE
ONE 235-31	MH-3367	MH-4615	584.99	583.97	583.23	582.95	27.5	217	1.44	100	4.476	2.3105	1.2	1.54	0.8	69.6	0.01	HDPE
ONE 235-33	MH-2726	MH-5283	596.02	595.43	594.89	594.48	40.3	150	0.41	100	1.52	0.0331	0.9	0.98	0.8	10.8	0.011	HDPE
ONE 235-34	MH-3857	MH-5486	578.55	578.83	577.6	577.88	40.4	150	0.77	144	1.2664	0.4383	0.8	0.8	0.8	45.1	0.011	HDPE
ONE 235-53	MH-5489	MH-5385	578.62	577.73	577.18	576.78	40.4	150	1.24	100	1.672	1.3586	1	1.29	0.8	72.4	0.01	HDPE
ONE 235-31	MH-5490	MH-5491	593.38	592.76	592.21	591.81	40.5	150	0.63	100	1.52	0.1414	0.9	1.02	0.8	22.2	0.011	HDPE
ONE 235-34	MH-2581	MH-244	584.44	583.64	583.1	582.69	41.1	150	0.36	100	1.52	0.0202	1	1.19	0.8	16.9	0.011	HDPE
ONE 235-30	MH-3078	MH-5498	595.22	594.78	594.24	593.83	40.5	150	0.69	100	1.52	0.1893	0.8	0.83	0.8	29.7	0.011	HDPE
ONE 235-23	MH-5502	MH-5503	581.9	582.58	579.53	579.46	40.6	217	0.6	563	1.8872	0.9377	2.5	2.15	2.9	50.2	0.01	HDPE
ONE 235-31	MH-5504	MH-4321	586.53	586.32	585.58	585.37	40.6	150	0.41	190	1.1037	0.0689	0.8	0.8	0.8	16.7	0.011	HDPE
ONE 235-24	MH-5507	MH-1645	583.6	583.69	582.65	582.6	40.6	150	0.22	1,000	0.4807	0.058	0.9	0.8	0.93	19.2	0.011	HDPE
ONE 235-24	MH-5508	MH-4387	583.11	582.77	582.16	581.82	40.7	150	0.31	119	1.3916	0.0156	0.8	0.8	0.8	7.6	0.011	HDPE
ONE 235-58	MH-1715	MH-4311	579.18	578.43	575.76	575.71	40.7	271	0.6	767	2.923	1.4934	2.8	3.15	2.45	50.8	0.01	HDPE
ONE 235-11	MH-5509	MH-5510	591.8	591.58	590.85	590.63	33	150	0.33	149	1.2451	0.0249	0.8	0.8	0.8	9.9	0.011	HDPE
ONE 235-10	MH-4164	MH-5135	589.8	589.3	588.76	588.35	40.8	150	0.35	100	1.52	0.0194	0.8	0.89	0.8	8.3	0.011	HDPE
ONE 235-23	MH-5518	MH-5519	577.8	577.71	576.85	576.76	40.8	150	0.25	497	0.682	0.0432	0.8	0.8	0.8	15	0.011	HDPE
ONE 235-59	MH-5521	MH-5522	576.64	576.49	574.23	574.54	40.8	150	0.6	129	1.3368	0.1591	2	2.26	1.8	28.4	0.011	HDPE
ONE 235-59	MH-5532	MH-5138	587.38	586.38	585.84	585.43	41	150	0.45	100	1.52	0.0442	1.1	1.39	0.8	12.5	0.011	HDPE
ONE 235-23	MH-5533	MH-677	585.23	585.72	584.28	584.24	41.1	150	0.2	1,000	0.4807	0.0454	1.1	0.8	1.33	23.5	0.011	HDPE
ONE 235-64	MH-5539	MH-5363	571.98	571.74	571.03	570.79	41.2	150	0.3	173	1.1554	0.0222	0.8	0.8	0.8	14.3	0.011	HDPE
ONE 235-61	MH-5547	MH-5548	575.94	574.93	574.39	573.98	41.2	150	0.86	100	1.52	0.421	1.1	1.4	0.8	48.3	0.011	HDPE
ONE 235-19	MH-648	MH-5321	584.72	585.3	583.77	584.18	41.2	150	0.65	100	1.52	0.1522	0.9	0.8	0.98	23.1	0.011	HDPE
ONE 235-31	MH-5551	MH-1432	586.48	585.92	585.39	584.97	41.3	150	0.73	100	1.52	0.2258	0.9	0.95	0.8	28.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-34	MH-5552	MH-229	590.41	590.52	589.46	589.21	41.3	150	0.37	171	1.1621	0.0416	1	0.8	1.15	16.1	0.011	HDPE
ONE 235-24	MH-5553	MH-5554	583.71	583.87	582.76	582.72	41.3	150	0.17	1,000	0.4807	0.0244	0.9	0.8	1	20.8	0.011	HDPE
ONE 235-33	MH-5555	MH-3583	592.08	592.6	591.13	591.09	41.3	150	0.17	1,000	0.4807	0.0254	1.1	0.8	1.36	24	0.011	HDPE
ONE 235-34	MH-630	MH-2935	579.99	579.28	578.49	578.08	41.4	400	1.53	100	20.7858	4.2499	1	1.1	0.8	34.8	0.011	HDPE
ONE 235-32	MH-2475	MH-4168	580.26	580.23	578.76	578.39	41.5	150	0.6	110	1.4468	0.1324	1.5	1.35	1.7	24.5	0.011	HDPE
ONE 235-53	MH-1321	MH-5561	585.09	584.27	583.73	583.32	41.6	150	0.71	100	1.52	0.2108	1	1.21	0.8	27.2	0.011	HDPE
ONE 235-33	MH-5564	MH-3928	593.3	593.54	592.35	592.59	41.7	150	0.66	172	1.1595	0.3161	0.8	0.8	0.8	43.4	0.011	HDPE
ONE 235-23	MH-5264	MH-4069	582.83	582.57	581.88	581.5	41.7	150	0.6	109	1.4564	0.1305	0.9	0.8	0.92	25	0.011	HDPE
ONE 235-30	MH-5065	MH-4997	594.08	593.43	592.9	592.48	41.7	150	0.82	100	1.52	0.3472	0.9	1.03	0.8	35.2	0.011	HDPE
ONE 235-33	MH-5573	MH-4586	592.41	591.93	591.39	590.98	41.8	150	0.45	100	1.52	0.0453	0.8	0.87	0.8	12.6	0.011	HDPE
ONE 235-30	MH-5350	MH-100	592.35	591.67	591.14	590.72	41.9	150	0.47	100	1.52	0.0523	0.9	1.06	0.8	13.5	0.011	HDPE
ONE 235-84	MH-5580	MH-5581	586.27	585.11	584.59	584.16	42	150	0.33	100	1.52	0.016	1.2	1.54	0.8	7.6	0.011	HDPE
ONE 235-64	MH-5582	MH-481	573.23	573.31	571.29	571.21	42	217	0.6	535	1.9345	0.8726	1.8	1.73	1.89	48.1	0.01	HDPE
ONE 235-11	MH-4045	MH-1317	592.85	592.2	591.8	591.25	54.5	150	0.92	100	1.52	0.5156	0.9	0.9	0.8	43.3	0.011	HDPE
ONE 235-35	MH-5585	MH-4906	569.57	570.36	567.12	567.21	42.4	400	0.83	472	10.5278	2.7909	2.4	2.05	2.75	37.6	0.01	HDPE
ONE 235-33	MH-3009	MH-4871	592.74	592.29	591.76	591.34	42	150	0.47	100	1.52	0.0512	0.8	0.83	0.8	13.4	0.011	HDPE
ONE 235-65	MH-4369	MH-4585	569.05	568.8	568.1	567.85	42.1	150	0.73	170	1.1674	0.4613	0.8	0.8	0.8	48.3	0.011	HDPE
ONE 235-1	MH-2627	MH-5588	601.16	600.98	600.21	599.89	42.1	150	0.45	131	1.3264	0.06	0.9	0.8	0.93	21.4	0.011	HDPE
ONE 235-65	MH-5590	MH-5591	587.6	587.47	586.65	586.52	20	150	0.31	150	1.2424	0.0213	0.8	0.8	0.8	11.5	0.011	HDPE
ONE 235-53	MH-4951	MH-5592	578.34	577.29	576.76	576.34	42.1	150	0.9	100	1.52	0.4874	1.1	1.44	0.8	42	0.011	HDPE
ONE 235-61	MH-4185	MH-5595	578.55	578.03	576.87	576.66	42.2	150	0.6	201	1.0708	0.278	1.4	1.53	1.22	34.2	0.011	HDPE
ONE 235-16	MH-5597	MH-5233	592.88	592.48	591.93	591.53	42.2	150	0.77	103	1.4969	0.2868	0.8	0.8	0.8	32	0.011	HDPE
ONE 235-31	MH-5598	MH-5599	589.31	588.29	587.76	587.34	42.2	150	0.57	100	1.52	0.098	1.1	1.4	0.8	24	0.011	HDPE
ONE 235-19	MH-4719	MH-2049	580.67	581.41	579.72	580.15	42.3	150	0.59	100	1.52	0.1098	1	0.8	1.11	28.3	0.011	HDPE
ONE 235-31	MH-4627	MH-119	586.25	586.46	585.28	585.18	42.3	175	0.6	422	1.2272	0.6099	1	0.8	1.11	45.6	0.01	HDPE
ONE 235-24	MH-5554	MH-4888	583.87	584	582.72	582.68	42.3	150	0.23	1,000	0.4807	0.0752	1.1	1	1.17	28.9	0.011	HDPE
ONE 235-35	MH-5608	MH-662	569.94	569.37	568.85	568.42	42.4	150	0.36	100	1.52	0.0217	0.9	0.94	0.8	8.8	0.011	HDPE
ONE 235-33	MH-5335	MH-2105	590.52	589.4	588.81	588.39	42.4	217	1.15	100	4.476	1.0231	1.1	1.49	0.8	36.8	0.01	HDPE
ONE 235-59	MH-4443	MH-3121	581.13	581.2	579.2	579.16	42.4	150	0.22	1,000	0.4807	0.0629	1.8	1.77	1.89	23.3	0.011	HDPE
ONE 235-50	MH-5615	MH-1417	567.89	567.49	566.94	566.54	42.4	150	0.64	106	1.4772	0.153	0.8	0.8	0.8	23.2	0.011	HDPE
ONE 235-16	MH-5616	MH-5597	593.8	592.88	592.36	591.93	42.5	150	0.72	100	1.52	0.2182	1	1.29	0.8	32.4	0.011	HDPE
ONE 235-16	MH-4320	MH-5044	586.58	587.19	585.38	585.8	42.5	400	1.51	100	22.8644	3.2061	0.9	0.8	0.99	29.5	0.01	HDPE
ONE 235-12	MH-4543	MH-5620	588.18	587.13	586.6	586.18	42.6	150	0.81	100	1.52	0.3369	1.1	1.43	0.8	43.1	0.011	HDPE
ONE 235-57	MH-5621	MH-5622	574.24	573.94	573.29	572.99	42.6	150	0.92	139	1.2889	0.8641	0.8	0.8	0.8	63.2	0.011	HDPE
ONE 235-18	MH-5623	MH-491	587.32	586.76	586.07	585.81	26.7	150	0.64	100	1.52	0.1429	0.9	1.09	0.8	22.3	0.011	HDPE
ONE 235-65	MH-5627	MH-4511	573.6	573.03	572.41	572.08	32.5	150	0.66	100	1.52	0.1628	0.9	1.04	0.8	23.9	0.011	HDPE
ONE 235-19	MH-3698	MH-3050	579.03	579.77	576.13	575.93	42.7	150	0.6	217	1.0309	0.3084	3.2	2.75	3.69	40.4	0.011	HDPE
ONE 235-53	MH-5409	MH-2679	591.73	571.3	570.2	570.1	42.8	400	0.96	416	10.1899	5.3005	1	1.12	0.8	47.3	0.011	HDPE
ONE 235-32	MH-5639	MH-4389	591.18	590.22	587.96	587.91	42.8	271	0.6	833	2.8058	1.6979	2.5	2.95	2.05	57.9	0.01	HDPE
ONE 235-23	MH-5519	MH-5641	577.71	576.86	576.34	575.91	42.9	150	0.52	100	1.52	0.0727	1	1.22	0.8	15.9	0.011	HDPE
ONE 235-32	MH-5644	MH-3377	580.39	579.93	579.41	578.98	42.9	150	0.32	100	1.52	0.0151	0.8	0.84	0.8	7.4	0.011	HDPE
ONE 235-33	MH-5647	MH-3126	593.14	592.66	592.14	591.71	42.9	150	0.45	100	1.52	0.0459	0.8	0.85	0.8	12.7	0.011	HDPE
ONE 235-24	MH-4799	MH-5332	585.41	584.45	583.93	583.5	43	150	0.5	100	1.52	0.066	1.1	1.33	0.8	15.2	0.011	HDPE
ONE 235-32	MH-3868	MH-1014	579.04	579.28	577.99	577.95	43.2	150	0.22	1,000	0.4807	0.0625	1	0.9	1.19	19.9	0.011	HDPE
ONE 235-35	MH-5665	MH-5666	570.41	569.88	568.88	568.93	47.1	150	0.16	1,000	0.4807	0.0191	1.1	1.38	0.8	21.2	0.011	HDPE
ONE 235-61	MH-2728	MH-4979	584.33	583.5	580.86	581.03	43.3	150	0.6	243	0.9756	0.3578	2.8	3.32	2.32	42.2	0.011	HDPE
ONE 235-23	MH-5668	MH-5669	577.61	576.82	576.31	575.87	43.3	150	0.33	100	1.52	0.0169	1	1.16	0.8	7.7	0.011	HDPE
ONE 235-64	MH-5670	MH-3261	571.78	570.81	570.29	569.86	43.3	150	0.41	100	1.52	0.0324	1.1	1.34	0.8	10.7	0.011	HDPE
ONE 235-12	MH-4639	MH-397	574.85	575.12	573.01	572.83	43.4	150	0.6	236	0.9887	0.3443	1.9	1.7	2.15	46.7	0.011	HDPE
ONE 235-11	MH-4087	MH-4292	592.93	592.36	591.84	591.41	43.4	150	0.4	100	1.52	0.0309	0.9	0.93	0.8	10.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-31	MH-5678	MH-5679	588.66	588.92	587.31	587.72	43.5	400	1.45	104	22.3787	2.9109	0.9	0.95	0.8	32.5	0.01	HDPE
DNE 235-30	MH-5498	MH-5064	594.78	594.49	593.83	593.46	43.5	150	0.7	118	1.4011	0.2383	0.8	0.8	0.87	33.8	0.011	HDPE
DNE 235-12	MH-5684	MH-4493	576.8	576.3	575.78	575.35	43.6	150	0.43	100	1.52	0.0381	0.8	0.86	0.8	11.6	0.011	HDPE
DNE 235-31	MH-1509	MH-261	589.61	590.28	588.31	588.47	43.7	150	0.61	271	0.9233	0.4373	1.4	1.16	1.66	45.5	0.011	HDPE
DNE 235-16	MH-5688	MH-5616	594.14	593.8	593.19	592.77	43.7	150	0.6	105	1.4863	0.124	0.8	0.8	0.88	20.9	0.011	HDPE
DNE 235-61	MH-5548	MH-5689	574.93	575.81	573.98	573.86	43.7	150	0.6	373	0.866	0.5077	1.3	0.8	1.79	50.5	0.01	HDPE
DNE 235-32	MH-5690	MH-1629	590.61	591.23	589.66	589.62	43.7	150	0.14	1,000	0.4807	0.0146	1.1	0.8	1.46	13.9	0.011	HDPE
DNE 235-53	MH-5041	MH-5489	579.7	578.62	578.11	577.67	43.8	150	1.14	100	1.52	1.2705	1.1	1.44	0.8	71.8	0.011	HDPE
DNE 235-67	MH-1817	MH-4913	579.9	579.83	577.9	577.59	43.8	900	2.49	138	153.6503	46.195	1.2	1.1	1.34	51.9	0.011	HDPE
DNE 235-52	MH-2819	MH-4558	576.2	575.25	573.51	573.46	43.9	271	0.6	857	2.765	1.7829	2	2.42	1.51	48.9	0.01	HDPE
DNE 235-59	MH-5486	MH-4106	578.83	579.33	577.88	578.13	43.9	150	0.69	171	1.1608	0.3807	0.9	0.8	1.04	41.7	0.011	HDPE
DNE 235-30	MH-5698	MH-2522	593.67	593	592.48	592.05	43.9	150	0.59	100	1.52	0.1109	0.9	1.03	0.8	19.7	0.011	HDPE
DNE 235-31	MH-5700	MH-3924	589.51	588.47	587.96	587.52	43.9	150	0.41	100	1.52	0.0326	1.1	1.4	0.8	10.7	0.011	HDPE
DNE 235-35	MH-2706	MH-580	573.01	572.98	571.4	571.07	44	150	0.6	131	1.33	0.1634	1.6	1.45	1.76	24.6	0.011	HDPE
DNE 235-30	MH-2800	MH-115	590.29	591.24	589.22	589.36	43.6	271	0.97	312	4.5853	2.6311	1.2	0.8	1.61	52.2	0.01	HDPE
DNE 235-34	MH-4455	MH-5707	591.26	591.48	588.67	588.5	44	150	0.6	253	0.956	0.3785	2.6	2.44	2.83	46.3	0.011	HDPE
DNE 235-30	MH-2523	MH-581	592.76	592.3	591.79	591.35	44.1	150	0.64	100	1.52	0.1482	0.8	0.82	0.8	29.2	0.011	HDPE
DNE 235-11	MH-5588	MH-4262	600.98	600.4	599.89	599.45	44.1	150	0.68	100	1.52	0.1797	0.9	0.93	0.8	25	0.011	HDPE
DNE 235-16	MH-5045	MH-5711	588.01	589.03	587.06	587.5	44.1	150	0.61	100	1.52	0.1233	1.1	0.8	1.38	20.7	0.011	HDPE
DNE 235-24	MH-5333	MH-1009	583.75	583.93	582.8	582.44	44.1	150	0.6	122	1.3739	0.1501	1.1	0.8	1.33	23.4	0.011	HDPE
DNE 235-31	MH-5713	MH-5714	591.32	590.21	589.59	589.26	33.7	150	0.83	100	1.52	0.369	1.2	1.57	0.8	36.3	0.011	HDPE
DNE 235-53	MH-5239	MH-4736	582.72	581.85	581.34	580.9	44.1	150	0.98	100	1.52	0.6652	1	1.23	0.8	49.7	0.011	HDPE
DNE 235-31	MH-3388	MH-4890	592.35	592.94	591.4	591.84	44.2	150	0.52	100	1.52	0.074	0.9	0.8	0.95	16.1	0.011	HDPE
DNE 235-61	MH-5010	MH-5720	579.82	578.97	578.46	578.02	44.3	150	0.57	100	1.52	0.0998	1	1.21	0.8	18.6	0.011	HDPE
DNE 235-19	MH-5723	MH-2987	577.66	578.62	576.71	576.67	44.3	150	0.25	1,000	0.4807	0.0936	1.3	0.8	1.8	31.1	0.011	HDPE
DNE 235-65	MH-2002	MH-5727	569.28	569.7	568.28	568.05	44.3	150	0.6	194	1.0923	0.2653	1.2	0.85	1.49	35.6	0.011	HDPE
DNE 235-51	MH-4917	MH-883	592	592.52	591.05	590.9	32.1	150	0.6	211	1.0473	0.2946	1.1	0.8	1.47	37.2	0.011	HDPE
DNE 235-16	MH-3083	MH-5739	589.76	589.38	588.81	588.43	44.5	150	0.97	116	1.55	0.6024	0.8	0.8	0.8	46.9	0.01	HDPE
DNE 235-11	MH-5742	MH-5295	598.78	599.46	597.83	598.28	44.6	150	0.55	100	1.52	0.0898	0.9	0.8	1.03	17.7	0.011	HDPE
DNE 235-31	MH-5743	MH-5222	592.29	591.16	590.66	590.21	44.6	150	0.41	100	1.52	0.0334	1.1	1.48	0.8	19.5	0.011	HDPE
DNE 235-31	MH-5744	MH-5273	588.02	587.11	586.61	586.16	44.7	150	1.11	100	1.672	0.8316	1	1.26	0.8	54.8	0.01	HDPE
DNE 235-31	MH-3665	MH-4626	588.1	586.98	586.48	586.03	44.8	150	0.54	100	1.52	0.0806	1.1	1.47	0.8	16.8	0.011	HDPE
DNE 235-19	MH-4229	MH-5760	582.15	583	581.2	581.65	45	150	0.47	100	1.52	0.0509	1	0.8	1.2	13.3	0.011	HDPE
DNE 235-16	MH-5762	MH-5763	588.2	587.07	586.57	586.12	45.1	150	1.07	100	1.672	0.7096	1.1	1.48	0.8	50.2	0.01	HDPE
DNE 235-61	MH-4302	MH-2116	587.46	586.45	585.95	585.5	45.1	150	0.86	100	1.52	0.4178	1.1	1.36	0.8	38.8	0.011	HDPE
DNE 235-31	MH-5765	MH-5490	594.21	593.38	592.88	592.43	44.9	150	0.56	100	1.52	0.0909	1	1.18	0.8	17.8	0.011	HDPE
DNE 235-33	MH-5766	MH-685	593.42	592.84	592.34	591.89	45.2	150	0.37	100	1.52	0.0234	0.9	0.93	0.8	10.2	0.011	HDPE
DNE 235-31	MH-4435	MH-3498	583.25	582.48	580.54	580.45	45.2	217	0.6	542	1.9223	0.8893	2.2	2.5	1.82	47.5	0.01	HDPE
DNE 235-31	MH-5772	MH-5773	588.84	587.71	587.21	586.76	45.2	150	0.88	100	1.52	0.4408	1.1	1.48	0.8	39.8	0.011	HDPE
DNE 235-30	MH-5775	MH-3488	589.66	589.98	588.71	588.67	45.3	150	0.2	1,000	0.4807	0.042	1	0.8	1.16	24	0.011	HDPE
DNE 235-24	MH-132	MH-281	579.75	579.91	578.59	578.8	45.1	150	0.37	214	1.0385	0.0578	1	1.01	0.96	19.2	0.011	HDPE
DNE 235-31	MH-119	MH-5207	586.46	585.34	584.82	584.36	45.6	175	1.36	100	2.5221	1.8956	1.1	1.47	0.8	69.6	0.01	HDPE
DNE 235-34	MH-5778	MH-483	590.28	590.99	589.1	588.83	44.9	150	0.6	167	1.1774	0.2183	1.5	1.03	2	32.5	0.011	HDPE
DNE 235-31	MH-5783	MH-5598	590.41	589.31	588.81	588.36	45.5	150	0.45	100	1.52	0.044	1.1	1.45	0.8	12.4	0.011	HDPE
DNE 235-2	MH-5786	MH-1518	591.44	590.95	590.46	590	45.6	150	0.41	100	1.52	0.0329	0.8	0.83	0.8	15	0.011	HDPE
DNE 235-61	MH-2671	MH-884	593.5	592.53	592.03	591.58	45.6	150	0.55	100	1.52	0.0852	1.1	1.31	0.8	17.3	0.011	HDPE
DNE 235-11	MH-5421	MH-4702	593.12	592.53	592.04	591.58	45.7	150	0.45	100	1.52	0.0457	0.9	0.94	0.8	12.7	0.011	HDPE
DNE 235-30	MH-3560	MH-5790	594.78	594.41	593.83	593.46	45.7	150	0.67	124	1.3664	0.2277	0.8	0.8	0.8	29	0.011	HDPE
DNE 235-1	MH-5392	MH-4355	600.35	599.52	599.03	598.57	45.8	150	0.48	100	1.52	0.0561	1	1.17	0.8	16.2	0.011	HDPE
DNE 235-31	MH-126	MH-3080	589.13	589.49	588.18	588.54	45.9	150	0.69	128	1.3419	0.2515	0.8	0.8	0.8	30.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-57	MH-3986	MH-1784	572.9	572.14	571.11	571.04	46	271	0.68	657	3.1594	1.9719	1.2	1.51	0.82	50.2	0.01	HDPE
ONE 235-34	MH-2995	MH-2187	588.56	588.04	587.06	586.77	46.1	150	0.65	156	1.2164	0.2677	1.2	1.34	1.12	37.3	0.011	HDPE
ONE 235-53	MH-5592	MH-816	577.29	576.22	575.73	575.27	46.1	150	0.93	100	1.52	0.5442	1.1	1.4	0.8	50.4	0.011	HDPE
ONE 235-34	MH-4274	MH-5156	584.99	585.52	583.67	583.63	46.2	150	0.17	1,000	0.4807	0.0263	1.5	1.16	1.75	20.7	0.011	HDPE
ONE 235-51	MH-1244	MH-5803	568.83	568.73	567.55	567.43	46.2	175	0.6	385	1.2848	0.5335	1.1	1.1	1.13	51.6	0.01	HDPE
ONE 235-11	MH-4424	MH-3432	588.35	588.23	587.4	587.03	46.3	150	0.42	126	1.3556	0.0465	0.9	0.8	1.05	26.9	0.011	HDPE
ONE 235-34	MH-5811	MH-4742	580.33	580.1	579.38	579.15	46.4	150	0.44	199	1.0776	0.0957	0.8	0.8	0.8	22.1	0.011	HDPE
ONE 235-30	MH-5812	MH-5813	606.37	607.54	605.42	605.88	46.4	150	0.53	100	1.52	0.0761	1.2	0.8	1.51	16.3	0.011	HDPE
ONE 235-23	MH-5817	MH-5818	582.78	583.62	581.83	581.78	46.5	150	0.26	1,000	0.4807	0.1076	1.2	0.8	1.69	28.6	0.011	HDPE
ONE 235-54	MH-3002	MH-5231	582.22	581.88	581.27	580.93	46.5	150	0.65	138	1.2952	0.2225	0.8	0.8	0.8	29	0.011	HDPE
ONE 235-30	MH-5822	MH-3559	596.15	595.12	594.64	594.17	46.5	150	0.63	100	1.52	0.1411	1.1	1.36	0.8	22.2	0.011	HDPE
ONE 235-23	MH-5823	MH-746	583.87	584.98	581.02	581.07	25.9	175	0.6	484	1.1462	0.7591	3.2	2.68	3.73	52.8	0.01	HDPE
ONE 235-16	MH-5739	MH-5762	589.38	588.2	587.72	587.25	46.6	150	1.05	100	1.672	0.6582	1.2	1.51	0.8	48.2	0.01	HDPE
ONE 235-67	MH-5790	MH-5831	594.41	593.8	592.44	592.29	46.7	600	1.49	300	36.1977	18.6069	1.1	1.37	0.91	50.4	0.011	HDPE
ONE 235-31	MH-5207	MH-3366	585.34	585.1	584.32	584.08	46.8	217	1.11	192	3.2273	2.1967	0.8	0.8	0.8	62.1	0.01	HDPE
ONE 235-71	MH-117	MH-1870	583.88	584.28	582.78	582.55	46.8	150	0.6	202	1.0701	0.2823	1.3	0.95	1.58	35.6	0.011	HDPE
ONE 235-33	MH-5833	MH-5573	592.94	592.41	591.93	591.46	46.9	150	0.38	100	1.52	0.025	0.8	0.85	0.8	9.4	0.011	HDPE
ONE 235-51	MH-5844	MH-30	568.85	567.84	566.46	566.33	38.8	600	1.44	300	36.1977	15.9594	1.4	1.79	0.91	46.3	0.011	HDPE
ONE 235-51	MH-2443	MH-5342	560.75	559.43	558.07	557.92	47.3	600	1.49	300	36.1977	18.4532	1.5	2.08	0.91	50.2	0.011	HDPE
ONE 235-33	MH-5852	MH-5647	593.71	593.14	592.67	592.19	47.5	150	0.37	100	1.52	0.0226	0.8	0.89	0.8	9	0.011	HDPE
ONE 235-12	MH-5230	MH-5472	591.81	590.62	590.15	589.67	47.6	150	0.7	100	1.52	0.1999	1.2	1.52	0.8	26.4	0.011	HDPE
ONE 235-55	MH-5856	MH-5857	577.69	576.98	576.5	576.03	47.6	150	0.37	100	1.52	0.0229	0.9	1.04	0.8	9	0.011	HDPE
ONE 235-31	MH-5371	MH-5012	591.54	590.52	590.01	589.54	47.7	150	0.6	100	1.5176	0.1187	1.1	1.38	0.84	20.3	0.011	HDPE
ONE 235-19	MH-1923	MH-5360	582.95	583.83	582	582.48	47.7	150	0.95	100	1.52	0.588	1	0.8	1.21	46.5	0.011	HDPE
ONE 235-34	MH-4245	MH-673	591.84	592.27	588.24	588.12	47.7	175	0.6	406	1.2516	0.5764	3.7	3.42	3.97	43.9	0.01	HDPE
ONE 235-32	MH-5861	MH-1053	582.16	583.02	581.21	581.17	47.7	150	0.18	1,000	0.4807	0.033	1.3	0.8	1.7	18.9	0.011	HDPE
ONE 235-31	MH-5864	MH-2279	587.72	588.86	586.77	586.52	47.8	150	0.6	187	1.1116	0.2526	1.5	0.8	2.19	33.5	0.011	HDPE
ONE 235-24	MH-3410	MH-5162	583.38	582.1	581.61	581.13	48	175	1	100	2.5221	0.5818	1.2	1.6	0.8	36.6	0.01	HDPE
ONE 235-19	MH-4805	MH-1964	577.73	578.92	576.78	577.26	48.1	150	0.94	100	1.52	0.5772	1.2	0.8	1.51	46.1	0.011	HDPE
ONE 235-23	MH-5877	MH-507	585.21	585.01	583.6	583.4	48.5	150	0.6	248	0.9652	0.3693	1.5	1.46	1.46	40.9	0.011	HDPE
ONE 235-35	MH-4201	MH-5879	571.38	572.27	570.43	570.91	48.1	150	0.88	100	1.52	0.4391	1	0.8	1.21	39.8	0.011	HDPE
ONE 235-53	MH-5561	MH-5000	584.27	583.3	582.83	582.35	48.1	150	0.74	100	1.52	0.2428	1	1.29	0.8	29.2	0.011	HDPE
ONE 235-59	MH-5522	MH-5880	576.49	576.29	574.54	575	48.2	150	0.6	105	1.4853	0.1239	1.5	1.8	1.14	24	0.011	HDPE
ONE 235-30	MH-5374	MH-5698	594.43	593.67	593.2	592.72	48.4	150	0.51	100	1.52	0.0677	0.9	1.08	0.8	15.3	0.011	HDPE
ONE 235-57	MH-4819	MH-5005	574.74	575.1	573.79	574.15	48.4	150	0.48	132	1.324	0.075	0.8	0.8	0.8	21.2	0.011	HDPE
ONE 235-34	MH-5707	MH-4244	591.48	591.7	588.5	588.33	48.4	150	0.6	286	0.8985	0.4527	3	2.83	3.22	46.7	0.011	HDPE
ONE 235-31	MH-5300	MH-5551	587.66	586.48	586.02	585.53	48.6	150	0.66	100	1.52	0.1617	1.1	1.49	0.8	23.8	0.011	HDPE
ONE 235-65	MH-4734	MH-5053	572.3	571.68	571.21	570.73	48.6	150	0.44	100	1.52	0.043	0.9	0.94	0.8	12.3	0.011	HDPE
ONE 235-19	MH-5202	MH-2117	585.31	586.25	584.36	584.85	48.8	150	0.93	100	1.52	0.5438	1	0.8	1.25	44.6	0.011	HDPE
ONE 235-33	MH-3583	MH-5903	592.6	593.18	591.65	592.14	48.8	150	0.47	100	1.52	0.0526	0.8	0.8	0.89	13.5	0.011	HDPE
ONE 235-59	MH-5880	MH-4860	576.29	576.15	575	575.05	48.8	150	0.21	1,000	0.4807	0.0524	1	1.14	0.95	22.3	0.011	HDPE
ONE 235-30	MH-5905	MH-5906	608.52	608.08	607.57	607.13	48.9	150	0.62	110	1.452	0.1485	0.8	0.8	0.8	27.6	0.011	HDPE
ONE 235-53	MH-5271	MH-5907	572.57	572.58	570.89	570.7	48.9	150	0.6	253	0.9557	0.3788	1.6	1.53	1.73	47.9	0.011	HDPE
ONE 235-61	MH-2590	MH-763	597.49	596.74	596.28	595.79	49.1	150	0.71	100	1.52	0.212	0.9	1.05	0.8	32.5	0.011	HDPE
ONE 235-23	MH-5917	MH-867	586.64	587.32	585.69	585.45	47.9	150	0.3	196	1.0859	0.0261	1.3	0.8	1.72	13.6	0.011	HDPE
ONE 235-18	MH-5317	MH-3693	588.01	587.12	586.25	585.92	49.6	150	0.63	151	1.2379	0.2276	1.3	1.61	1.05	31.9	0.011	HDPE
ONE 235-31	MH-5679	MH-4751	588.92	589.61	587.72	588.22	49.5	400	1.46	100	22.8644	2.843	0.9	0.8	0.99	32.1	0.01	HDPE
ONE 235-57	MH-5622	MH-3491	573.94	573.47	572.99	572.52	49.8	150	1.04	107	1.4729	0.9533	0.8	0.8	0.8	65.7	0.011	HDPE
ONE 235-31	MH-5935	MH-5936	587.37	586.54	586.09	585.59	49.8	150	0.35	100	1.52	0.0189	1	1.13	0.8	10.4	0.011	HDPE
ONE 235-16	MH-5711	MH-2164	589.03	590.2	588.08	588.58	49.9	150	0.52	100	1.52	0.0698	1.1	0.8	1.47	15.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-11	MH-5296	MH-5950	599.89	600.54	598.94	599.45	50.3	150	0.41	100	1.52	0.0322	0.9	0.8	0.94	10.6	0.011	HDPE
DNE 235-34	MH-523	MH-629	580.89	580	579.3	578.8	50.4	400	1.5	100	20.7858	4.0105	1	1.19	0.8	38.2	0.011	HDPE
DNE 235-19	MH-5954	MH-5353	581.74	582.72	580.79	580.74	50.6	150	0.17	1,000	0.4807	0.0258	1.3	0.8	1.83	18.3	0.011	HDPE
DNE 235-33	MH-5406	MH-503	591.92	590.8	590.29	589.79	50.3	217	1.14	100	4.476	0.9782	1.1	1.42	0.8	36	0.01	HDPE
DNE 235-31	MH-5773	MH-119	587.71	586.46	586.02	585.51	50.7	150	0.9	100	1.52	0.4845	1.2	1.54	0.8	41.9	0.011	HDPE
DNE 235-23	MH-306	MH-5877	585.26	585.21	583.93	583.6	50.8	150	0.6	154	1.2243	0.2005	1.3	1.18	1.46	35.6	0.011	HDPE
DNE 235-32	MH-3202	MH-3376	581.07	579.96	579.51	579.01	50.8	150	0.66	100	1.52	0.1631	1.1	1.41	0.8	23.9	0.011	HDPE
DNE 235-30	MH-5958	MH-5959	603.39	602.95	602.09	601.65	51	500	1.8	117	34.9053	9.789	0.8	0.8	0.8	40.6	0.011	HDPE
DNE 235-33	MH-5960	MH-801	610.73	609.75	609.31	608.8	51	150	1.08	100	1.52	1.0112	1	1.27	0.8	62.8	0.011	HDPE
DNE 235-61	MH-5720	MH-4184	578.97	577.96	577.52	577.01	51	150	0.67	100	1.52	0.1763	1.1	1.3	0.8	29.4	0.011	HDPE
DNE 235-51	MH-5961	MH-5962	570.77	570.24	569.8	569.29	51	150	0.44	100	1.52	0.0407	0.8	0.82	0.8	11.9	0.011	HDPE
DNE 235-32	MH-4487	MH-3634	579.34	579.75	577.69	577.45	51.1	150	0.6	218	1.03	0.3092	1.8	1.5	2.14	36.6	0.011	HDPE
DNE 235-51	MH-2680	MH-5966	571.23	570.49	569.1	568.97	51.2	600	1.27	413	30.8364	15.719	1.2	1.53	0.91	48.2	0.011	HDPE
DNE 235-33	MH-5438	MH-5969	593.39	593.77	591.67	591.57	51.3	175	0.6	482	1.149	0.7525	1.8	1.54	2.03	52.5	0.01	HDPE
DNE 235-31	MH-5971	MH-3691	596.25	595.4	594.97	594.45	51.4	150	0.53	100	1.52	0.0784	1	1.14	0.8	16.5	0.011	HDPE
DNE 235-23	MH-5972	MH-5973	589.63	588.21	587.78	587.26	51.4	150	0.54	100	1.52	0.0841	1.2	1.7	0.8	17.1	0.011	HDPE
DNE 235-30	MH-5977	MH-5058	609.38	608.61	608.18	607.66	51.6	150	0.63	100	1.52	0.1356	0.9	1.05	0.8	25	0.011	HDPE
DNE 235-34	MH-5107	MH-5778	590.37	590.28	589.41	589.1	44.2	150	0.6	146	1.2579	0.1866	0.9	0.81	1.03	28.9	0.011	HDPE
DNE 235-30	MH-3428	MH-857	611.87	611.55	610.92	610.6	51.6	150	0.75	165	1.184	0.492	0.8	0.8	0.8	45.1	0.011	HDPE
DNE 235-81	MH-5581	MH-3808	585.11	583.68	583.25	582.73	51.7	150	0.56	100	1.52	0.0951	1.3	1.72	0.8	21.6	0.011	HDPE
DNE 235-32	MH-3998	MH-1739	580.46	579.6	579.17	578.65	51.8	150	0.64	100	1.52	0.1452	1	1.14	0.8	22.5	0.011	HDPE
DNE 235-30	MH-5984	MH-5822	597.23	596.15	595.72	595.2	51.9	150	0.51	100	1.52	0.0662	1.1	1.37	0.8	15.2	0.011	HDPE
DNE 235-35	MH-5985	MH-485	571.78	572.86	570.83	570.77	52.8	150	0.18	1,000	0.4807	0.0326	1.4	0.8	1.94	21.6	0.011	HDPE
DNE 235-34	MH-874	MH-5689	576.96	575.81	574.97	574.61	51.9	400	1.42	141	17.5034	5.0345	1.2	1.59	0.8	39.6	0.011	HDPE
DNE 235-3	MH-310	MH-3751	590.3	591.04	589.35	589.87	52	150	0.66	100	1.52	0.1587	0.9	0.8	1.02	23.6	0.011	HDPE
DNE 235-34	MH-2727	MH-283	584.61	583.71	580.79	580.65	52.1	150	0.6	372	0.8671	0.5056	3.3	3.67	2.91	50.3	0.01	HDPE
DNE 235-33	MH-5969	MH-4007	593.77	593.52	591.52	591.42	52.2	217	0.6	512	1.9778	0.8175	2	2.03	1.88	45	0.01	HDPE
DNE 235-31	MH-5988	MH-5744	588.69	588.02	587.27	587.07	52.2	150	0.75	262	1.0339	0.7551	1	1.28	0.8	59.9	0.01	HDPE
DNE 235-23	MH-5990	MH-65	583.15	581.4	580.97	580.45	52.3	150	0.73	100	1.52	0.2285	1.4	2.02	0.8	28.4	0.011	HDPE
DNE 235-23	MH-5991	MH-885	588.06	586.96	586.53	586.01	52.3	150	0.56	100	1.52	0.0919	1.1	1.37	0.8	17.9	0.011	HDPE
DNE 235-32	MH-674	MH-5639	592.27	591.18	588.02	587.96	52.6	271	0.6	798	2.8658	1.5882	3.5	3.97	2.95	54.6	0.01	HDPE
DNE 235-23	MH-6002	MH-1091	575.99	575.23	574.81	574.28	52.7	150	0.49	100	1.52	0.0577	0.9	1.03	0.8	14.2	0.011	HDPE
DNE 235-6	MH-5831	MH-3123	593.8	594.33	592.85	593.38	53	150	0.98	100	1.5186	0.6765	0.8	0.8	0.8	50.2	0.011	HDPE
DNE 235-61	MH-980	MH-349	596.98	596.4	595.76	595.45	31.2	150	0.88	100	1.52	0.4385	0.9	1.07	0.8	39.7	0.011	HDPE
DNE 235-53	MH-5907	MH-3735	572.58	572.64	570.7	570.55	53.1	150	0.6	363	0.8771	0.4878	1.8	1.73	1.94	49.1	0.01	HDPE
DNE 235-60	MH-6011	MH-563	574.57	573.67	573.26	572.72	53.3	150	1.07	100	1.52	0.9433	1	1.16	0.8	60.3	0.011	HDPE
DNE 235-31	MH-6014	MH-6015	585.8	584.44	584.02	583.49	53.2	150	0.43	100	1.52	0.0372	1.2	1.62	0.8	16.3	0.011	HDPE
DNE 235-33	MH-6016	MH-6017	611.56	611.87	610.61	610.92	53.2	150	0.86	171	1.162	0.8995	0.8	0.8	0.8	64	0.011	HDPE
DNE 235-32	MH-5416	MH-3998	581.53	580.46	580.04	579.51	53.3	150	0.56	100	1.52	0.0927	1.1	1.34	0.8	18	0.011	HDPE
DNE 235-51	MH-6019	MH-6020	570.92	571.09	569.33	569.28	53.4	500	0.8	1,000	11.9177	10.0029	1.2	1.09	1.32	65.2	0.011	HDPE
DNE 235-59	MH-4155	MH-5521	576.78	576.64	573.92	574.23	53.4	150	0.6	175	1.148	0.2353	2.5	2.7	2.26	33.3	0.011	HDPE
DNE 235-30	MH-5200	MH-5428	593.79	592.94	592.52	591.99	53.6	150	0.52	100	1.52	0.0696	1	1.11	0.8	15.6	0.011	HDPE
DNE 235-34	MH-6026	MH-6027	593.81	593.12	592.51	592.17	34	150	0.56	100	1.52	0.0904	1	1.14	0.8	17.7	0.011	HDPE
DNE 235-34	MH-6030	MH-6031	594.69	594.04	593.44	593.09	34.8	150	0.52	100	1.52	0.0726	0.9	1.1	0.8	15.9	0.011	HDPE
DNE 235-30	MH-5059	MH-4526	608.41	607.48	606.74	606.28	53.9	150	0.84	118	1.4019	0.462	1.3	1.52	1.05	45.8	0.011	HDPE
DNE 235-31	MH-5714	MH-5772	590.21	588.84	588.24	587.89	34.4	150	0.85	100	1.52	0.4041	1.3	1.82	0.8	38.1	0.011	HDPE
DNE 235-52	MH-4558	MH-2562	575.25	574.16	572.66	572.6	54	271	0.6	903	2.6936	1.9591	1.8	2.31	1.28	52.2	0.01	HDPE
DNE 235-32	MH-6043	MH-3447	579.28	579.65	577.41	577.36	54.2	271	0.6	991	2.5715	2.4646	1.8	1.6	2.02	72.6	0.01	HDPE
DNE 235-31	MH-5936	MH-4454	586.54	586.06	585.59	585.11	54.3	150	0.41	113	1.4318	0.0371	0.8	0.8	0.8	11.6	0.011	HDPE
DNE 235-57	MH-2658	MH-5621	574.66	574.24	573.71	573.29	54.3	150	0.91	130	1.3324	0.7243	0.8	0.8	0.8	58.9	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-23	MH-6050	MH-677	587.21	585.72	585.32	584.77	54.5	150	0.58	100	1.52	0.1051	1.3	1.74	0.8	19.1	0.011	HDPE
ONE 235-16	MH-6052	MH-5688	594.88	594.14	593.73	593.19	54.6	150	0.5	100	1.52	0.0627	0.9	1	0.8	19.2	0.011	HDPE
ONE 235-53	MH-4529	MH-2219	577.05	578.33	575.48	575.01	54.7	150	0.6	114	1.4217	0.1382	2.3	1.42	3.17	25.1	0.011	HDPE
ONE 235-64	MH-6056	MH-6057	572.55	572.62	571.6	571.18	54.8	150	0.6	130	1.3315	0.1613	1	0.8	1.29	30.7	0.011	HDPE
ONE 235-23	MH-5641	MH-6061	576.86	575.92	575.51	574.97	54.9	150	0.57	100	1.52	0.1	1	1.2	0.8	18.7	0.011	HDPE
ONE 235-23	MH-6061	MH-397	575.92	575.12	574.73	574.17	55	150	0.62	100	1.52	0.1308	0.9	1.04	0.8	21.3	0.011	HDPE
ONE 235-23	MH-5669	MH-6002	576.82	575.99	575.59	575.04	55.1	150	0.42	100	1.52	0.0366	0.9	1.09	0.8	11.3	0.011	HDPE
ONE 235-51	MH-6070	MH-4783	567.61	568.04	566.66	566.6	55.5	150	0.25	1,000	0.4807	0.0958	1	0.8	1.28	27.7	0.011	HDPE
ONE 235-24	MH-958	MH-6075	582.1	583.55	581.15	581.71	55.6	150	0.32	100	1.52	0.0145	1.2	0.8	1.69	7.2	0.011	HDPE
ONE 235-31	MH-3692	MH-903	595.06	595.92	593.04	592.74	55.7	150	0.6	191	1.1005	0.2605	2.5	1.88	3.03	35.2	0.011	HDPE
ONE 235-60	MH-4806	MH-6080	576.89	575.38	574.99	574.43	56.2	150	1	100	1.52	0.7224	1.3	1.74	0.8	52	0.011	HDPE
ONE 235-51	MH-6082	MH-6083	570.97	570.31	569.92	569.36	56.4	150	0.44	100	1.52	0.0426	0.8	0.9	0.8	12.2	0.011	HDPE
ONE 235-51	MH-1126	MH-6084	569.22	568.33	566.84	567.38	56.4	150	0.6	104	1.4885	0.1242	1.5	2.23	0.8	24.8	0.011	HDPE
ONE 235-31	MH-3752	MH-3387	591.35	592.1	590.4	590.96	56.4	150	0.6	100	1.52	0.115	0.9	0.8	0.99	20	0.011	HDPE
ONE 235-34	MH-6085	MH-6086	594.28	593.6	593.02	592.65	37.3	150	0.58	100	1.52	0.1075	1	1.11	0.8	19.4	0.011	HDPE
ONE 235-51	MH-1356	MH-6090	570.76	570.78	569.45	569.39	56.6	500	0.8	1,000	11.9177	9.8262	0.9	0.82	0.89	67.5	0.011	HDPE
ONE 235-23	MH-306	MH-6091	585.26	584.91	583.93	583.96	36.7	150	0.18	1,000	0.4807	0.029	1	1.18	0.8	22.6	0.011	HDPE
ONE 235-23	MH-997	MH-4025	580.57	581.56	578.56	578.6	39.9	271	0.6	923	2.6654	2.04	2.2	1.74	2.68	61	0.01	HDPE
ONE 235-64	MH-6057	MH-4800	572.62	572.62	571.18	570.91	57.1	150	0.6	210	1.0483	0.2939	1.4	1.29	1.56	38.5	0.011	HDPE
ONE 235-30	MH-858	MH-6095	611.57	612.73	610.62	611.02	39.5	150	1.11	100	1.672	0.8223	1.2	0.8	1.56	54.4	0.01	HDPE
ONE 235-35	MH-6102	MH-4912	569.56	568.8	567.56	567.68	57.3	175	0.6	483	1.1474	0.7562	1.4	1.83	0.95	52.7	0.01	HDPE
ONE 235-61	MH-652	MH-2125	592.8	591.51	590.6	590.28	42.1	271	1.31	132	7.0332	2.4625	1.4	1.93	0.96	49.3	0.01	HDPE
ONE 235-31	MH-5827	MH-5988	588.68	588.69	587.73	587.27	57.4	150	0.6	124	1.367	0.1523	1	0.8	1.28	43.7	0.011	HDPE
ONE 235-34	MH-6104	MH-6105	587.47	588.91	586.52	587.1	57.6	150	0.66	100	1.52	0.1612	1.2	0.8	1.67	29.7	0.011	HDPE
ONE 235-59	MH-4574	MH-5532	588.78	587.38	587	586.43	57.6	150	0.35	100	1.52	0.0192	1.2	1.63	0.8	8.2	0.011	HDPE
ONE 235-21	MH-3319	MH-3767	593.59	592.77	592.4	591.82	57.6	150	0.27	100	1.52	0.0087	0.9	1.04	0.8	5.6	0.011	HDPE
ONE 235-51	MH-1753	MH-4916	593.97	592.7	592.33	591.75	57.8	150	0.67	100	1.52	0.1732	1.1	1.49	0.8	24.6	0.011	HDPE
ONE 235-23	MH-5461	MH-3406	583.94	583.82	582.73	582.79	57.9	150	0.2	1,000	0.4807	0.0431	1	1.06	0.89	24.2	0.011	HDPE
ONE 235-51	MH-4784	MH-6114	567.92	567.3	566.36	566.03	58	150	0.6	174	1.1518	0.2333	1.3	1.4	1.12	30.7	0.011	HDPE
ONE 235-33	MH-6115	MH-271	593.44	592.72	592.34	591.77	58	150	0.41	100	1.52	0.034	0.9	0.94	0.8	13.4	0.011	HDPE
ONE 235-61	MH-4392	MH-1016	596.57	597.15	595.62	595.84	21.9	150	0.33	100	1.52	0.0163	1	0.8	1.16	7.7	0.011	HDPE
ONE 235-35	MH-3300	MH-6118	572.62	572.68	571.67	571.29	58	150	0.6	156	1.2181	0.2035	1	0.8	1.24	28.2	0.011	HDPE
ONE 235-10	MH-4898	MH-663	589.3	588.6	588.24	587.65	58.8	150	0.47	100	1.52	0.0521	0.9	0.91	0.8	18.7	0.011	HDPE
ONE 235-59	MH-1127	MH-5436	569.12	569.36	566.81	566.58	58.3	150	0.6	249	0.9633	0.3711	2.4	2.16	2.63	45.2	0.011	HDPE
ONE 235-31	MH-6122	MH-3612	594.15	592.93	592.56	591.98	58.3	150	0.59	100	1.52	0.1083	1.1	1.44	0.8	22.4	0.011	HDPE
ONE 235-32	MH-6127	MH-2475	581.33	580.26	579.9	579.31	58.5	150	0.48	100	1.52	0.0562	1	1.28	0.8	14	0.011	HDPE
ONE 235-61	MH-4571	MH-1889	593.57	594.81	592.62	592.94	32.1	150	0.64	100	1.52	0.1449	1.3	0.8	1.72	22.5	0.011	HDPE
ONE 235-67	MH-6118	MH-3711	572.68	572.46	571.04	570.98	58.9	400	0.68	1,000	6.573	5.0885	1.2	1.24	1.07	52.2	0.011	HDPE
ONE 235-60	MH-6080	MH-6011	575.38	574.57	574.22	573.62	59.5	150	1.03	100	1.52	0.822	0.9	1.02	0.8	55.8	0.011	HDPE
ONE 235-35	MH-6151	MH-5401	578.29	578	577.34	577.05	59.5	150	0.37	205	1.0628	0.0545	0.8	0.8	0.8	15	0.011	HDPE
ONE 235-30	MH-559	MH-6162	599.67	598.3	597.09	596.89	60.4	500	1.46	300	22.2603	17.7385	1.5	2.08	0.91	64.7	0.011	HDPE
ONE 235-30	MH-5959	MH-5085	602.95	602.07	600.86	600.66	60.1	500	1.27	300	22.2603	9.8936	1.3	1.6	0.91	46.2	0.011	HDPE
ONE 235-51	MH-6169	MH-1243	569.05	568.84	568.1	567.59	60.5	150	0.6	117	1.4047	0.142	0.9	0.8	1.1	38.8	0.011	HDPE
ONE 235-23	MH-507	MH-1992	585.01	583.32	583	582.37	62.3	150	1.03	100	1.52	0.8151	1.3	1.87	0.8	55.6	0.011	HDPE
ONE 235-51	MH-5803	MH-2659	568.73	568.43	567.43	567.3	60.6	175	0.6	486	1.1441	0.7641	1	1.13	0.96	53	0.01	HDPE
ONE 235-53	MH-4736	MH-5040	581.85	580.63	580.29	579.68	60.8	150	1.11	100	1.52	1.1267	1.1	1.41	0.8	66.9	0.011	HDPE
ONE 235-34	MH-484	MH-6176	591.05	591.21	590.1	590.26	40.9	150	0.27	256	0.95	0.0234	0.8	0.8	0.8	12.5	0.011	HDPE
ONE 235-61	MH-2845	MH-1738	580.58	579.36	578.9	578.29	60.9	271	1.4	100	8.0956	2.1508	1.1	1.41	0.8	45.9	0.01	HDPE
ONE 235-51	MH-6090	MH-6019	570.78	570.92	569.39	569.33	61.2	500	0.8	1,000	11.9177	9.9041	1	0.89	1.09	66.8	0.011	HDPE
ONE 235-23	MH-6187	MH-996	579.45	580.53	577.63	577.7	61.4	271	0.6	956	2.6184	2.196	2.1	1.55	2.56	64.4	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-59	MH-3188	MH-1843	586.28	584.79	584.46	583.84	61.5	150	0.83	100	1.52	0.361	1.2	1.67	0.8	35.9	0.011	HDPE
ONE 235-11	MH-2809	MH-973	587.79	587.6	586.72	586.43	61.5	271	1.05	218	5.4893	2.1398	0.8	0.8	0.9	49.9	0.01	HDPE
ONE 235-52	MH-4079	MH-3539	573.95	575.09	573	573.43	43.4	150	0.7	100	1.52	0.2038	1.2	0.8	1.51	26.8	0.011	HDPE
ONE 235-53	MH-6209	MH-3144	581.86	580.22	579.9	579.27	62.8	150	1.08	100	1.52	0.9801	1.3	1.81	0.8	61.6	0.011	HDPE
ONE 235-51	MH-6020	MH-2679	571.09	571.3	569.28	569.21	63	500	0.8	1,000	11.9177	10.0829	1.5	1.32	1.59	55.5	0.011	HDPE
ONE 235-61	MH-5595	MH-5547	578.03	575.94	575.62	574.99	63.5	150	0.82	100	1.52	0.3398	1.5	2.25	0.8	34.8	0.011	HDPE
ONE 235-35	MH-6226	MH-2748	577.05	576.81	576.1	575.56	63.6	150	0.6	118	1.402	0.1427	0.9	0.8	1.1	22.7	0.011	HDPE
ONE 235-24	MH-6228	MH-1003	583.36	581.73	581.42	580.78	63.7	150	0.38	100	1.52	0.0244	1.3	1.79	0.8	9.3	0.011	HDPE
ONE 235-36	MH-6235	MH-4202	571.35	570.95	570.4	570	64.1	150	0.39	160	1.2023	0.0466	0.8	0.8	0.8	13.5	0.011	HDPE
ONE 235-65	MH-5727	MH-3052	569.7	570.74	568.05	567.77	64.1	150	0.6	223	1.0187	0.3186	2.2	1.49	2.82	37.3	0.011	HDPE
ONE 235-23	MH-5818	MH-3914	583.62	584.66	581.78	581.28	64.1	150	0.6	127	1.3509	0.1579	2.5	1.69	3.24	27.3	0.011	HDPE
ONE 235-33	MH-6241	MH-2564	592.68	593	591.73	591.36	64.1	150	0.6	173	1.1554	0.2316	1.1	0.8	1.49	30.5	0.011	HDPE
ONE 235-67	MH-6246	MH-3804	570.11	569.29	565.87	565.81	64.3	1,100.00	1.34	1,000	97.5709	76.9723	2.8	3.14	2.38	61.8	0.011	HDPE
ONE 235-32	MH-6247	MH-6127	582.26	581.33	581.02	580.38	64.4	150	0.37	100	1.52	0.0224	0.9	1.08	0.8	8.9	0.011	HDPE
ONE 235-31	MH-6249	MH-3692	594.05	595.06	593.1	593.04	64.3	150	0.25	1,000	0.4807	0.0932	1.3	0.8	1.88	31.2	0.011	HDPE
ONE 235-55	MH-5857	MH-4524	576.98	576.02	575.72	575.07	64.5	150	0.44	100	1.52	0.0428	1	1.11	0.8	12.3	0.011	HDPE
ONE 235-67	MH-3531	MH-6114	568.2	567.3	565.43	565.28	64.6	1,100.00	1.86	432	151.849	78.3269	1.3	1.66	0.91	49.5	0.011	HDPE
ONE 235-19	MH-1923	MH-6253	582.95	584.39	581.98	582.63	64.8	175	1	100	2.5221	0.5796	1.2	0.8	1.59	36.5	0.01	HDPE
ONE 235-53	MH-6257	MH-4951	579.95	578.34	578.05	577.39	65.2	150	0.63	100	1.52	0.1358	1.3	1.75	0.8	21.8	0.011	HDPE
ONE 235-67	MH-2005	MH-6118	573.54	572.68	571.28	571.04	65.6	400	1.1	275	12.5303	4.8041	1.5	1.86	1.24	51.8	0.011	HDPE
ONE 235-67	MH-3052	MH-5496	570.74	570.73	566.92	566.85	65.9	1,000.00	1.29	1,000	75.6728	70.2065	2.8	2.82	2.88	58.4	0.011	HDPE
ONE 235-61	MH-3130	MH-979	598.35	597.01	596.72	596.06	65.9	150	0.82	100	1.52	0.346	1.1	1.48	0.8	41.2	0.011	HDPE
ONE 235-36	MH-6269	MH-3505	570.72	571.13	569.75	570.15	66	175	0.98	163	1.9754	1.0435	0.8	0.8	0.8	56	0.01	HDPE
ONE 235-36	MH-4906	MH-6102	570.36	569.56	567.39	567.52	66	217	0.6	528	1.948	0.8544	2.3	2.75	1.83	41.8	0.01	HDPE
ONE 235-30	MH-5906	MH-5059	608.08	608.41	607.13	606.74	66.4	150	0.6	170	1.1673	0.2261	1.2	0.8	1.52	37.5	0.011	HDPE
ONE 235-51	MH-1460	MH-30	568.32	567.84	567.23	566.59	69.2	217	1.14	107	4.3192	1.0808	1	0.87	1.04	38.2	0.01	HDPE
ONE 235-31	MH-1781	MH-5504	587.61	586.53	586.25	585.58	66.7	150	0.38	100	1.52	0.0262	1	1.21	0.8	13.5	0.011	HDPE
ONE 235-53	MH-6285	MH-4911	581.32	579.6	579.32	578.65	66.8	150	0.52	100	1.52	0.0742	1.3	1.86	0.8	16.1	0.011	HDPE
ONE 235-30	MH-6286	MH-5812	604.24	606.37	603.29	603.97	68.4	150	0.64	100	1.52	0.1499	1.5	0.8	2.25	22.9	0.011	HDPE
ONE 235-19	MH-6253	MH-834	584.39	585.83	582.63	583.28	66.3	175	0.98	101	2.512	0.5477	2	1.59	2.37	40.3	0.01	HDPE
ONE 235-32	MH-1132	MH-3201	582.85	581.47	581.19	580.52	67.2	150	0.6	100	1.52	0.1158	1.2	1.51	0.8	20.1	0.011	HDPE
ONE 235-31	MH-6291	MH-191	592.28	590.58	590.31	589.63	67.6	150	0.57	100	1.52	0.0983	1.3	1.82	0.8	23.4	0.011	HDPE
ONE 235-36	MH-850	MH-580	571.54	572.98	570.36	570.71	68.2	175	0.9	192	1.818	0.9553	1.6	1.01	2.09	54	0.01	HDPE
ONE 235-36	MH-4906	MH-6269	570.36	570.72	569.38	569.75	68.3	175	0.94	186	1.851	1.0766	0.8	0.8	0.8	55.2	0.01	HDPE
ONE 235-30	MH-6305	MH-800	608.69	609.75	607.67	607.85	17.7	217	1.2	100	4.476	1.1831	1.2	0.8	1.69	47.8	0.01	HDPE
ONE 235-23	MH-4971	MH-5502	580.68	581.9	579.66	579.53	68.8	217	0.6	544	1.919	0.8934	1.5	0.8	2.15	48.2	0.01	HDPE
ONE 235-23	MH-1992	MH-5344	583.32	583.05	580.99	580.89	69.3	217	0.6	671	1.7277	1.2537	2	2.11	1.95	54.2	0.01	HDPE
ONE 235-64	MH-6314	MH-5436	570.61	569.36	569.1	568.41	69.4	150	0.76	100	1.52	0.2696	1.1	1.35	0.8	30.8	0.011	HDPE
ONE 235-23	MH-4947	MH-1105	583.83	581.66	581.41	580.71	69.5	150	0.9	100	1.52	0.4762	1.5	2.27	0.8	41.5	0.011	HDPE
ONE 235-34	MH-6315	MH-6316	592.3	592.84	591.35	591.01	69.5	150	0.6	204	1.0635	0.2868	1.2	0.8	1.69	40.9	0.011	HDPE
ONE 235-32	MH-1739	MH-6317	579.6	578.58	578.21	577.51	69.7	271	1.43	100	8.0956	2.3625	1	1.12	0.8	61.6	0.01	HDPE
ONE 235-4	MH-3892	MH-2880	588.42	586.86	586.36	585.66	69.9	400	1.45	100	20.7858	3.5248	1.2	1.66	0.8	31.6	0.011	HDPE
ONE 235-53	MH-6320	MH-4573	580.56	578.78	578.53	577.83	69.9	150	0.51	100	1.52	0.0661	1.3	1.88	0.8	15.2	0.011	HDPE
ONE 235-61	MH-2191	MH-1938	597.9	596.96	596.71	596.01	70	150	0.54	100	1.52	0.0799	0.9	1.04	0.8	16.7	0.011	HDPE
ONE 235-53	MH-6322	MH-4572	580.95	579.16	578.92	578.21	70.3	150	0.51	100	1.52	0.0663	1.3	1.89	0.8	15.2	0.011	HDPE
ONE 235-34	MH-6324	MH-6325	592.76	591.94	589.77	589.3	70.6	150	0.6	151	1.2384	0.1942	2.7	2.84	2.5	33.5	0.011	HDPE
ONE 235-35	MH-4202	MH-4380	570.95	570.09	568.3	568.71	71	150	0.6	172	1.1599	0.2295	1.9	2.5	1.23	30.4	0.011	HDPE
ONE 235-51	MH-5119	MH-1355	571.22	570.75	569.95	569.55	71.1	400	1.37	179	15.549	6.1452	0.8	0.87	0.8	53.6	0.011	HDPE
ONE 235-64	MH-6327	MH-4884	570.96	569.49	569.25	568.54	71.4	150	0.5	100	1.52	0.0668	1.2	1.56	0.8	15.3	0.011	HDPE
ONE 235-31	MH-5599	MH-5864	588.29	587.72	587.34	586.77	71.8	150	0.64	126	1.3518	0.1924	0.8	0.8	0.8	30.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-67	MH-5496	MH-1933	570.73	570.31	566.85	566.59	72	1,000.00	2.14	279	143.2862	70.2371	2.8	2.88	2.71	63.7	0.011	HDPE
ONE 235-24	MH-6338	MH-1019	586.11	586.43	585.16	585.09	72.7	150	0.21	1,000	0.4807	0.0486	1	0.8	1.19	17.6	0.011	HDPE
ONE 235-35	MH-6346	MH-996	578.84	580.53	577.89	577.82	73.6	150	0.24	1,000	0.4807	0.0833	1.7	0.8	2.56	34.3	0.011	HDPE
ONE 235-33	MH-5069	MH-4207	592.51	591.63	591.42	590.68	73.8	150	0.54	100	1.52	0.0834	0.9	0.94	0.8	21.9	0.011	HDPE
ONE 235-35	MH-6347	MH-4025	579.75	581.56	578.8	578.72	73.8	150	0.26	1,000	0.4807	0.109	1.7	0.8	2.68	32.4	0.011	HDPE
ONE 235-67	MH-3345	MH-1245	582.89	581.71	580.25	579.99	77.3	800	1.82	300	77.9562	41.5871	1.4	1.84	0.91	52.1	0.011	HDPE
ONE 235-64	MH-6355	MH-5582	573.61	573.23	571.44	571.29	74.6	217	0.6	503	1.995	0.7984	1.8	1.96	1.73	44.9	0.01	HDPE
ONE 235-33	MH-6356	MH-700	588.65	588.85	587.7	587.66	39.4	150	0.19	1,000	0.4807	0.0393	0.9	0.8	1.04	22	0.011	HDPE
ONE 235-21	MH-3768	MH-5786	592.45	591.44	591.23	590.49	74.8	150	0.36	100	1.52	0.0205	0.9	1.07	0.8	8.5	0.011	HDPE
ONE 235-54	MH-6359	MH-1775	584.08	582.48	582.28	581.53	75.1	150	0.44	100	1.52	0.0424	1.2	1.65	0.8	20.4	0.011	HDPE
ONE 235-11	MH-3458	MH-5742	597.6	598.78	596.65	597.41	75.8	150	0.61	100	1.52	0.1232	1	0.8	1.22	20.7	0.011	HDPE
ONE 235-64	MH-4801	MH-1286	572.5	571.23	570.78	570.23	76	150	0.76	138	1.294	0.4094	1.2	1.57	0.85	39.9	0.011	HDPE
ONE 235-30	MH-6366	MH-863	594.36	593.4	593.21	592.45	76	150	0.38	100	1.52	0.0256	0.9	1.01	0.8	16.3	0.011	HDPE
ONE 235-54	MH-6368	MH-4080	585.29	583.78	583.59	582.83	76.1	150	0.4	100	1.52	0.0302	1.2	1.55	0.8	10.3	0.011	HDPE
ONE 235-23	MH-4026	MH-489	581.97	582.86	579.13	579.22	77	271	0.6	872	2.7422	1.8362	3	2.57	3.37	57.7	0.01	HDPE
ONE 235-64	MH-3005	MH-1017	595.8	597.17	594.85	595.62	77.3	150	0.44	100	1.52	0.0416	1.1	0.8	1.4	12.1	0.011	HDPE
ONE 235-51	MH-3843	MH-1418	565.71	567.35	564.76	565.54	77.4	150	0.81	100	1.52	0.3369	1.2	0.8	1.66	34.6	0.011	HDPE
ONE 235-9	MH-4547	MH-712	589.11	589.75	588.05	587.7	77.5	217	0.88	223	2.995	1.0843	1.3	0.84	1.84	41.9	0.01	HDPE
ONE 235-41	MH-6380	MH-6381	566.08	567.61	565.13	565.91	77.6	150	0.91	100	1.52	0.4936	1.2	0.8	1.55	42.3	0.011	HDPE
ONE 235-35	MH-5879	MH-1886	572.27	572.84	571.32	571.89	77.8	150	0.69	137	1.2987	0.2872	0.8	0.8	0.8	33.1	0.011	HDPE
ONE 235-32	MH-4170	MH-705	591.25	592.3	590.3	590.09	78.1	150	0.6	378	0.8601	0.519	1.4	0.8	2.05	51.2	0.01	HDPE
ONE 235-23	MH-6390	MH-5817	584.83	582.78	582.62	581.83	78.8	150	0.44	100	1.52	0.0423	1.4	2.06	0.8	22.3	0.011	HDPE
ONE 235-51	MH-3844	MH-5007	565.28	564.36	564.2	563.41	79.6	150	1	100	1.52	0.73	0.9	0.92	0.8	52.3	0.011	HDPE
ONE 235-23	MH-5503	MH-5823	582.58	583.87	579.46	579.32	79.8	217	0.6	582	1.8557	0.9876	3.6	2.9	4.33	49.3	0.01	HDPE
ONE 235-35	MH-580	MH-2072	572.98	574.76	572.03	572.83	80.1	150	0.98	100	1.52	0.6799	1.3	0.8	1.78	50.3	0.011	HDPE
ONE 235-67	MH-1522	MH-2004	575.14	573.76	572.49	572.11	80.7	400	1.18	213	14.2302	4.4998	1.7	2.25	1.24	45.9	0.011	HDPE
ONE 235-64	MH-5364	MH-6314	571.37	570.61	570.42	569.66	81	150	0.63	106	1.4792	0.1517	0.8	0.8	0.8	23.1	0.011	HDPE
ONE 235-23	MH-995	MH-885	585.75	586.96	584.22	583.71	81.3	150	0.6	161	1.1988	0.2094	2.2	1.38	3.1	34.9	0.011	HDPE
ONE 235-50	MH-6405	MH-5615	568.23	567.89	567.28	566.94	81.4	150	0.34	246	0.9687	0.0482	0.8	0.8	0.8	20	0.011	HDPE
ONE 235-34	MH-6407	MH-6408	585.33	586.82	584.38	584.3	73.8	150	0.2	1,000	0.4807	0.0474	1.6	0.8	2.37	31.9	0.011	HDPE
ONE 235-51	MH-5966	MH-5844	570.49	568.85	567.61	567.33	82.7	600	1.43	300	36.1977	15.8448	1.6	2.28	0.91	46.2	0.011	HDPE
ONE 235-30	MH-4833	MH-559	600.66	599.67	598.53	598.26	83.4	500	1.28	300	22.2603	10.1265	1.3	1.63	0.91	46.8	0.011	HDPE
ONE 235-24	MH-6433	MH-2332	585.55	585.88	584.6	584.51	85	150	0.19	1,000	0.4807	0.0384	1	0.8	1.21	15.6	0.011	HDPE
ONE 235-35	MH-6442	MH-5144	573.14	573.9	572.17	571.97	85.9	175	0.6	427	1.2204	0.6202	1.3	0.8	1.76	46.1	0.01	HDPE
ONE 235-30	MH-6445	MH-6305	608.43	608.69	607.14	607.67	87	217	1.07	164	3.4935	1.5082	0.9	1.07	0.8	52	0.01	HDPE
ONE 235-23	MH-3515	MH-6446	584.47	585.83	583.52	583.44	87.2	150	0.24	1,000	0.4807	0.081	1.5	0.8	2.25	41.3	0.011	HDPE
ONE 235-34	MH-6447	MH-777	585.91	587.47	584.96	584.87	87.3	150	0.19	1,000	0.4807	0.0394	1.6	0.8	2.45	27.6	0.011	HDPE
ONE 235-31	MH-6015	MH-6448	584.44	583.93	583.49	582.8	95.9	150	0.51	140	1.2825	0.103	0.9	0.8	0.97	35.7	0.011	HDPE
ONE 235-34	MH-6451	MH-441	586.71	588.06	585.76	585.68	88.1	150	0.18	1,000	0.4807	0.0307	1.5	0.8	2.23	33.7	0.011	HDPE
ONE 235-30	MH-531	MH-333	608.9	608.16	607.21	606.96	88	400	1.03	353	11.0612	5.3769	1	1.29	0.8	47	0.011	HDPE
ONE 235-30	MH-1167	MH-693	606.85	604.86	604.44	603.88	55.4	175	1.08	100	2.5221	0.7691	1.5	2.24	0.8	42.4	0.01	HDPE
ONE 235-1	MH-348	MH-4596	591.44	592.59	590.36	591.25	88.5	271	1.38	100	8.0956	2.0812	0.9	0.8	1.07	39.6	0.01	HDPE
ONE 235-51	MH-6456	MH-1127	571.28	569.12	569.06	568.17	89.1	150	0.64	100	1.52	0.1467	1.4	2.07	0.8	22.6	0.011	HDPE
ONE 235-34	MH-6458	MH-591	584.48	586.13	583.53	583.44	88.9	150	0.2	1,000	0.4807	0.0428	1.7	0.8	2.54	34.7	0.011	HDPE
ONE 235-34	MH-6460	MH-6461	583.68	585.32	582.73	582.65	83	150	0.21	1,000	0.4807	0.0494	1.7	0.8	2.52	20.3	0.011	HDPE
ONE 235-34	MH-6462	MH-667	582.22	584.1	581.27	581.18	90.6	150	0.19	1,000	0.4807	0.0373	1.8	0.8	2.78	24.2	0.011	HDPE
ONE 235-67	MH-587	MH-4616	583.89	583.49	581.78	581.68	103	800	1.09	1,000	41.7362	34.0197	1.2	1.31	1.01	64.1	0.011	HDPE
ONE 235-34	MH-6464	MH-4480	583.16	582.79	582.21	581.48	90.5	150	0.6	123	1.3689	0.1517	1	0.8	1.16	32.4	0.011	HDPE
ONE 235-31	MH-6470	MH-115	590.52	591.24	589.57	589.48	92.3	150	0.22	1,000	0.4807	0.0587	1.2	0.8	1.61	19.7	0.011	HDPE
ONE 235-33	MH-6471	MH-6016	610.34	611.56	609.39	610.31	92	150	1.13	100	1.52	1.2314	0.9	0.8	1.1	70.5	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-35	MH-6473	MH-6442	575.36	573.14	573.12	572.19	92.6	150	0.92	100	1.52	0.5327	1.4	2.09	0.8	44.1	0.011	HDPE
ONE 235-32	MH-6317	MH-6043	578.58	579.28	577.51	577.41	93.5	271	0.6	986	2.5785	2.4166	1.2	0.8	1.6	74.7	0.01	HDPE
ONE 235-34	MH-6475	MH-899	582.89	584.77	581.94	581.85	93.7	150	0.2	1,000	0.4807	0.0433	1.8	0.8	2.77	22.4	0.011	HDPE
ONE 235-33	MH-6476	MH-6477	607.53	606.73	606.51	605.71	93.7	217	1.28	117	4.1378	1.8667	0.8	0.8	0.8	51.7	0.01	HDPE
ONE 235-24	MH-6483	MH-822	584.9	585.3	583.95	583.86	94.4	150	0.19	1,000	0.4807	0.0389	1	0.8	1.29	15.7	0.011	HDPE
ONE 235-31	MH-4320	MH-6484	586.58	587.36	585.51	586.29	95	271	1.42	122	7.3406	3.0051	0.8	0.8	0.8	49.3	0.01	HDPE
ONE 235-34	MH-6488	MH-6489	581.41	583.4	580.46	580.37	88.3	150	0.2	1,000	0.4807	0.0462	1.8	0.8	2.88	28.7	0.011	HDPE
ONE 235-35	MH-6490	MH-948	578.42	578.3	577.47	576.56	95.5	150	0.6	105	1.4854	0.1256	1.2	0.8	1.59	21.1	0.011	HDPE
ONE 235-34	MH-6316	MH-5100	592.84	593.84	591.01	590.66	95.8	150	0.6	272	0.9218	0.4216	2.4	1.69	3.03	49.1	0.011	HDPE
ONE 235-33	MH-4412	MH-6471	608.92	610.34	607.97	608.93	96.4	150	1.27	100	1.672	1.5087	1	0.8	1.26	77.1	0.01	HDPE
ONE 235-30	MH-6497	MH-1166	606.7	606.95	605.75	604.83	97.3	150	0.6	105	1.4836	0.1232	1.4	0.8	1.97	29.1	0.011	HDPE
ONE 235-34	MH-6499	MH-6324	590.81	592.76	589.86	589.77	97.8	150	0.24	1,000	0.4807	0.0848	1.8	0.8	2.84	28.2	0.011	HDPE
ONE 235-23	MH-4857	MH-5877	587.9	585.21	585.24	584.26	97.9	150	0.57	100	1.52	0.0966	1.7	2.52	0.8	18.3	0.011	HDPE
ONE 235-61	MH-6503	MH-5153	600.68	599.17	599.19	598.22	97.9	150	0.66	100	1.52	0.1662	1.1	1.34	0.8	24.1	0.011	HDPE
ONE 235-34	MH-951	MH-5344	585.76	583.05	583.09	582.08	100.5	175	1.36	100	2.5221	1.9233	1.6	2.5	0.8	70.2	0.01	HDPE
ONE 235-33	MH-6017	MH-6527	611.87	612.5	610.92	611.55	103.5	150	0.76	165	1.1829	0.518	0.8	0.8	0.8	56.1	0.011	HDPE
ONE 235-67	MH-4885	MH-3531	568.83	568.2	565.72	565.43	105.3	1,100.00	1.96	374	159.5299	77.4593	1.8	2.01	1.66	49.7	0.011	HDPE
ONE 235-30	MH-6529	MH-857	609.9	611.55	608.88	609.92	103.9	217	1.29	100	4.476	1.5465	1.1	0.8	1.41	56	0.01	HDPE
ONE 235-30	MH-6531	MH-6532	612.86	614.27	610.07	609.88	105	217	0.6	546	1.9162	0.8971	3.4	2.57	4.17	56.1	0.01	HDPE
ONE 235-34	MH-4481	MH-5292	582.76	581.94	581.36	580.99	105.1	150	0.62	285	0.8999	0.5294	1	1.25	0.8	51	0.011	HDPE
ONE 235-51	MH-6534	MH-2680	572.96	571.23	571.34	570.28	106.1	150	0.72	100	1.52	0.2214	1.1	1.47	0.8	27.9	0.011	HDPE
ONE 235-24	MH-6536	MH-2266	584.34	584.68	583.39	583.28	106.7	150	0.17	1,000	0.4807	0.0266	1	0.8	1.25	13.1	0.011	HDPE
ONE 235-30	MH-6531	MH-6539	612.86	611.47	610.14	610.52	108.1	150	0.6	282	0.9055	0.4424	1.7	2.57	0.8	46	0.011	HDPE
ONE 235-31	MH-5491	MH-218	592.76	591.02	591.16	590.07	108.9	150	0.72	100	1.52	0.22	1.1	1.45	0.8	34.1	0.011	HDPE
ONE 235-35	MH-948	MH-6473	578.3	575.36	575.53	574.41	112.4	150	0.86	100	1.52	0.4146	1.7	2.62	0.8	38.6	0.011	HDPE
ONE 235-34	MH-2935	MH-873	579.28	576.98	576.91	575.78	112.4	400	1.56	100	20.7858	4.5585	1.4	1.97	0.8	36.1	0.011	HDPE
ONE 235-51	MH-6083	MH-1459	570.31	568.41	568.59	567.46	112.6	150	0.65	100	1.52	0.1538	1.2	1.57	0.8	23.2	0.011	HDPE
ONE 235-54	MH-1062	MH-917	581.59	581.54	580.25	580.25	3.7	150	0.15	1,000	0.4807	0.0188	1.2	1.19	1.14	32.8	0.011	HDPE
ONE 235-67	MH-4454	MH-587	586.06	583.89	583.55	582.39	115.3	700	2.55	100	92.4417	31.276	1.3	1.81	0.8	46.6	0.011	HDPE
ONE 235-23	MH-5973	MH-507	588.21	585.01	585.21	584.06	114.6	150	0.78	100	1.52	0.2845	1.8	2.85	0.8	31.7	0.011	HDPE
ONE 235-34	MH-950	MH-6562	585.8	586.74	584.82	585.79	116.3	150	0.92	120	1.3854	0.6808	0.8	0.83	0.8	61.7	0.011	HDPE
ONE 235-30	MH-6529	MH-859	609.9	609.54	608.83	608.46	118.7	271	1.02	327	4.4769	3.7192	0.8	0.8	0.8	64.7	0.01	HDPE
ONE 235-34	MH-6325	MH-6570	591.94	590.65	589.3	588.77	120	150	0.6	228	1.0063	0.3284	2.1	2.5	1.73	38.4	0.011	HDPE
ONE 235-34	MH-6562	MH-6104	586.74	587.47	585.79	586.52	122.9	150	0.64	169	1.1707	0.2722	0.8	0.8	0.8	44	0.011	HDPE
ONE 235-51	MH-5962	MH-5803	570.24	568.73	569.05	567.78	126.8	150	0.63	100	1.52	0.1395	0.9	1.05	0.8	22.1	0.011	HDPE
ONE 235-58	MH-978	MH-557	575.32	577.89	574.37	575.66	129.6	150	0.58	100	1.52	0.1046	1.4	0.8	2.08	19.1	0.011	HDPE
ONE 235-29	MH-6589	MH-6590	612.14	610.13	610.49	609.18	131.7	150	1.24	100	1.672	1.3297	1.1	1.5	0.8	71.5	0.01	HDPE
ONE 235-51	MH-6594	MH-3843	567.72	565.71	566.1	564.76	133.1	150	0.49	100	1.52	0.0582	1.1	1.48	0.8	14.3	0.011	HDPE
ONE 235-35	MH-5158	MH-947	582.15	578.35	578.74	577.4	134.6	150	0.63	100	1.52	0.1422	2	3.26	0.8	22.3	0.011	HDPE
ONE 235-33	MH-5455	MH-5564	593.92	593.3	591.88	592.35	135.2	150	0.6	290	0.8928	0.4616	1.3	1.89	0.8	47.3	0.011	HDPE
ONE 235-67	MH-4616	MH-1476	583.49	583.31	581.68	581.48	140.6	800	1.28	700	51.0343	36.5493	1	1.01	1.03	62.9	0.011	HDPE
ONE 235-67	MH-5689	MH-5144	575.81	573.9	572.57	572.09	144.8	900	1.96	300	106.7228	55.6577	1.6	2.34	0.91	51.8	0.011	HDPE
ONE 235-67	MH-3568	MH-5689	578.26	575.81	574.46	573.99	141	900	1.91	300	106.7228	50.0566	1.9	2.9	0.91	48.8	0.011	HDPE
ONE 235-67	MH-563	MH-1663	573.67	574.77	571.11	570.96	148.9	1,000.00	1.25	1,000	75.6728	57.4031	2.2	1.57	2.81	54.3	0.011	HDPE
ONE 235-29	MH-60	MH-6603	603.37	604.75	601.57	601.43	140.2	400	0.65	1,000	6.573	4.0681	2.2	1.4	2.92	55.2	0.011	HDPE
ONE 235-30	MH-6532	MH-6604	614.27	613.62	609.88	609.68	140.3	217	0.6	687	1.7076	1.3122	3.9	4.17	3.72	62	0.01	HDPE
ONE 235-30	MH-6162	MH-2448	598.3	595.01	594.08	593.6	143.4	500	1.46	300	22.2603	17.9521	2.3	3.72	0.91	65.2	0.011	HDPE
ONE 235-34	MH-6622	MH-950	589.64	585.8	586.38	584.83	155.5	175	1.13	100	2.5221	0.8944	1.9	3.08	0.8	54.3	0.01	HDPE
ONE 235-30	MH-6624	MH-59	602.97	603.37	601.9	601.7	158	271	0.6	756	2.9448	1.4607	1.1	0.8	1.4	46.3	0.01	HDPE
ONE 235-67	MH-3635	MH-3568	579.7	578.26	576.64	576.47	173.8	900	1.19	1,000	57.1373	49.3863	1.5	2.16	0.89	58.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-33	MH-4412	MH-535	608.92	603.5	604.22	602.53	169.4	175	1.34	100	2.5221	1.7801	2.7	4.52	0.8	67.1	0.01	HDPE
ONE 235-29	MH-6590	MH-60	610.13	603.37	604.25	602.39	186.1	175	1.38	100	2.5221	2.0602	3.3	5.7	0.8	73.1	0.01	HDPE
ONE 235-67	MH-1663	MH-3711	574.77	572.46	570.96	570.38	197.3	1,000.00	1.89	345	131.831	59.6293	1.9	2.81	1.07	52.6	0.011	HDPE
ONE 235-30	MH-6656	MH-6624	608.1	602.97	604.24	602.02	221.2	150	0.99	100	1.52	0.6848	2.3	3.71	0.8	50.5	0.011	HDPE
ONE 235-67	MH-5013	MH-4320	589.87	586.58	587.4	585.08	231.7	700	2.37	100	92.4417	23.8803	1.3	1.78	0.8	40.4	0.011	HDPE
ONE 235-34	MH-6570	MH-6622	590.65	589.64	588.75	588.2	223.4	175	0.6	404	1.2543	0.5756	1.5	1.73	1.27	43.8	0.01	HDPE
ONE 235-30	MH-6604	MH-6529	613.62	609.9	609.68	608.88	226.5	217	0.91	285	2.6504	1.7923	2.3	3.72	0.8	59.9	0.01	HDPE
CO-570	MH-4699	MH-3428	612.39	611.87	611.4	610.92	48.7	150	0.72	100	1.52	0.2183	0.8	0.84	0.8	38	0.011	HDPE
CO-571	MH-5831	MH-6830	593.8	593.36	591.96	591.84	34.3	600	1.51	300	36.1977	19.3265	1.1	1.24	0.91	51.5	0.011	HDPE
CO-573	MH-6830	MH-6831	593.36	592.78	591.41	591.26	44.6	600	1.51	300	36.1977	19.3605	1.1	1.35	0.91	51.6	0.011	HDPE
CO-576	MH-6832	MH-6268	593.11	592.24	591.66	591.29	36.2	150	0.46	100	1.52	0.0482	1.1	1.31	0.8	17.8	0.011	HDPE
CO-577	MH-6831	MH-6833	592.78	592.12	590.78	590.61	50.4	600	1.51	300	36.1977	19.4251	1.2	1.4	0.91	51.7	0.011	HDPE
CO-579	MH-6268	MH-6833	592.24	592.12	591.29	591.17	29.1	150	0.42	241	0.9796	0.1032	0.8	0.8	0.8	21.1	0.011	HDPE
CO-580	MH-5763	MH-6834	587.07	586.51	585.7	585.56	13.8	150	1.08	100	1.672	0.7368	1	1.22	0.8	51.3	0.01	HDPE
CO-582	MH-6834	MH-119	586.51	586.46	585.54	585.44	46.7	175	0.6	484	1.1463	0.7589	0.8	0.8	0.85	52.8	0.01	HDPE
CO-3	MH-5559	MH-5591	587.42	587.47	586.47	586.52	19.3	150	0.25	392	0.7679	0.032	0.8	0.8	0.8	13.6	0.011	HDPE
CO-143	MH-5559	MH-5623	587.42	587.32	586.47	586.37	25	150	0.32	242	0.9779	0.0388	0.8	0.8	0.8	12.9	0.011	HDPE
CO-184	MH-4369	MH-1347	569.05	569.49	568.1	568.31	22	150	0.86	100	1.52	0.4189	0.9	0.8	1.03	43.3	0.011	HDPE
CO-188	MH-876	MH-1833	571.59	571.67	570.64	570.72	22.9	150	0.34	277	0.9136	0.0555	0.8	0.8	0.8	15.7	0.011	HDPE
CO-189	MH-1235	MH-1506	571.24	571.44	570	569.9	13.1	150	0.6	129	1.3373	0.1589	1.2	1.09	1.39	25.8	0.011	HDPE
CO-192	MH-3259	MH-6698	571.84	571.99	569.41	569.25	39.9	150	0.6	242	0.9774	0.3557	2.4	2.28	2.6	40	0.011	HDPE
CO-196	MH-1737	MH-1725	590.82	591.63	589.87	590.11	23.8	150	0.66	100	1.52	0.1643	1.1	0.8	1.37	24	0.011	HDPE
CO-197	MH-6603	MH-4211	604.75	603.43	601.43	601.38	42.8	400	0.66	1,000	6.573	4.2758	2.3	2.92	1.65	46.9	0.011	HDPE
CO-198	MH-4211	MH-559	603.43	599.67	598.77	598.36	123.7	400	1.19	300	12.2773	7.4633	2.6	4.27	0.91	54.5	0.011	HDPE
CO-199	MH-4128	MH-4409	599.23	598.68	597.88	597.73	14.8	150	0.94	100	1.52	0.5755	1	1.2	0.8	46	0.011	HDPE
CO-200	MH-4409	MH-440	598.68	597.26	596.69	596.31	38.4	150	1.01	100	1.52	0.7462	1.3	1.84	0.8	52.9	0.011	HDPE
CO-201	MH-694	MH-6286	604.85	604.24	603.48	603.22	25.6	217	1.13	100	4.476	0.9527	1	1.16	0.8	35.5	0.01	HDPE
CO-202	MH-6286	MH-3221	604.24	603.79	603.1	602.77	33	217	1.19	100	4.476	1.1588	0.9	0.92	0.8	39.3	0.01	HDPE
CO-203	MH-2885	MH-3726	594.88	594.89	593.93	593.92	13	150	0.25	1,000	0.4807	0.0974	0.8	0.8	0.82	24.6	0.011	HDPE
CO-204	MH-3216	MH-1207	589.18	589.44	588.23	588.44	21.3	150	0.81	100	1.52	0.3344	0.8	0.8	0.84	34.5	0.011	HDPE
CO-205	MH-1207	MH-2444	589.44	589.67	588.49	588.68	19.9	150	0.74	100	1.52	0.238	0.8	0.8	0.84	29	0.011	HDPE
CO-206	MH-2966	MH-4581	593.28	592.95	592.32	592	31.7	150	0.6	100	1.52	0.1198	0.8	0.82	0.8	20.4	0.011	HDPE
CO-207	MH-3762	MH-2966	593.63	593.28	592.6	592.33	26.9	150	0.48	100	1.52	0.0568	0.8	0.88	0.8	14.1	0.011	HDPE
CO-208	MH-3772	MH-6026	593.96	593.81	593.01	592.86	34	150	0.37	221	1.0226	0.0615	0.8	0.8	0.8	16.1	0.011	HDPE
CO-209	MH-3973	MH-6085	594.44	594.28	593.49	593.33	34.5	150	0.42	221	1.0226	0.0885	0.8	0.8	0.8	19.3	0.011	HDPE
CO-210	MH-3513	MH-6030	594.84	594.69	593.89	593.74	35.1	150	0.36	229	1.0049	0.056	0.8	0.8	0.8	15.4	0.011	HDPE
CO-214	MH-6031	MH-3803	594.04	593.72	592.94	592.77	16.7	150	0.55	100	1.52	0.0862	0.9	0.96	0.8	17.4	0.011	HDPE
CO-215	MH-6086	MH-4044	593.6	593.29	592.49	592.34	15.5	150	0.6	100	1.52	0.1208	0.9	0.96	0.8	20.5	0.011	HDPE
CO-216	MH-6027	MH-4045	593.12	592.85	592.05	591.9	15	150	0.59	100	1.52	0.1104	0.9	0.92	0.8	19.6	0.011	HDPE
CO-217	MH-5284	MH-4223	594.9	594.57	593.75	593.62	12.4	150	0.48	100	1.52	0.0554	0.9	1	0.8	13.9	0.011	HDPE
CO-218	MH-3256	MH-3802	594.6	594.11	593.39	593.16	23.3	150	0.56	100	1.52	0.0922	0.9	1.06	0.8	17.9	0.011	HDPE
CO-220	MH-3070	MH-525	590.95	590.46	589.83	589.51	32.9	150	0.68	100	1.52	0.182	0.9	0.97	0.8	25.2	0.011	HDPE
CO-221	MH-643	MH-3070	591.04	590.95	589.95	589.86	9.2	150	0.6	111	1.4429	0.1333	0.9	0.94	0.94	21.8	0.011	HDPE
CO-222	MH-4724	MH-6699	588.83	588.5	587.83	587.55	27.9	150	0.45	100	1.52	0.0451	0.8	0.85	0.8	12.6	0.011	HDPE
CO-223	MH-6699	MH-1643	588.5	588.04	587.43	587.09	34.5	150	0.5	100	1.52	0.0645	0.9	0.92	0.8	15	0.011	HDPE
CO-224	MH-1783	MH-6700	589.34	589	588.33	588.05	27.9	150	0.33	100	1.52	0.0167	0.8	0.86	0.8	9.6	0.011	HDPE
CO-225	MH-6700	MH-255	589	588.75	588.05	587.8	35.1	150	0.36	138	1.2951	0.031	0.8	0.8	0.8	10.8	0.011	HDPE
CO-226	MH-153	MH-255	589.14	588.75	587.83	587.67	15.8	271	1.32	100	8.0956	1.7658	0.9	1.04	0.8	36.3	0.01	HDPE
CO-227	MH-255	MH-700	588.75	588.85	587.62	587.66	36.8	150	0.23	1,000	0.4807	0.067	1	0.97	1.04	20.7	0.011	HDPE
CO-228	MH-2667	MH-6701	590.42	590	589.33	589.05	27.6	150	0.36	100	1.52	0.0217	0.9	0.94	0.8	13.9	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-229	MH-6701	MH-6702	590	590	589.05	589.01	40.8	150	0.19	1,000	0.4807	0.0369	0.8	0.8	0.84	17	0.011	HDPE
CO-230	MH-6702	MH-806	590	589.85	589.01	588.9	26.1	150	0.35	238	0.9848	0.0523	0.8	0.84	0.8	15	0.011	HDPE
CO-231	MH-2921	MH-6703	589.85	589	588.33	588.05	28	150	0.51	100	1.52	0.0685	1.1	1.37	0.8	18.2	0.011	HDPE
CO-232	MH-6703	MH-153	589	589.14	588.05	587.95	24.9	150	0.39	260	0.9418	0.0826	0.9	0.8	1.04	19	0.011	HDPE
CO-233	MH-219	MH-6704	590.84	590.83	589.87	589.79	30.1	175	0.6	385	1.2862	0.5319	0.8	0.8	0.87	45	0.01	HDPE
CO-234	MH-6704	MH-503	590.83	590.8	589.79	589.7	34.8	175	0.6	397	1.2656	0.5573	0.9	0.87	0.93	42.9	0.01	HDPE
CO-235	MH-2822	MH-6705	590.49	590.2	589.11	589.13	14.7	271	0.6	793	2.8744	1.5729	1	1.11	0.8	44.1	0.01	HDPE
CO-236	MH-6705	MH-503	590.2	590.8	589.18	589.4	21.5	217	1.29	100	4.476	1.557	1	0.8	1.19	46	0.01	HDPE
CO-237	MH-1645	MH-6706	583.69	583.6	582.35	582.32	29.8	400	0.65	1,000	6.573	4.1517	0.9	0.93	0.88	45.6	0.011	HDPE
CO-238	MH-6706	MH-1476	583.6	583.31	582.32	582.11	32.4	400	1.33	147	17.1353	4.1968	0.8	0.88	0.8	36.2	0.011	HDPE
CO-239	MH-4452	MH-3749	590.8	590.25	589.59	589.3	29.3	150	0.99	100	1.672	0.5341	0.9	1.06	0.8	43.1	0.01	HDPE
CO-240	MH-3749	MH-3082	590.25	589.93	589.19	588.98	21.6	150	1	100	1.672	0.5583	0.9	0.9	0.8	49.3	0.01	HDPE
CO-242	MH-6448	MH-4616	583.93	583.49	582.74	582.47	26.4	217	1.46	100	4.476	2.4956	0.9	0.97	0.8	59.4	0.01	HDPE
CO-243	MH-4615	MH-6448	583.97	583.93	582.95	582.91	15.4	217	0.89	338	2.4354	2.3518	0.8	0.8	0.8	69.9	0.01	HDPE
CO-244	MH-5620	MH-4626	587.13	586.98	586.18	586.03	38.3	150	0.62	268	0.9291	0.4529	0.8	0.8	0.8	46.3	0.011	HDPE
CO-245	MH-3613	MH-5223	592.98	591.37	591.05	590.42	62.8	150	0.71	100	1.52	0.2059	1.3	1.78	0.8	26.9	0.011	HDPE
CO-247	MH-5223	MH-5713	591.37	591.32	590.18	590.04	32.2	150	0.6	226	1.0118	0.3239	1.1	1.04	1.13	37.7	0.011	HDPE
CO-248	MH-445	MH-5510	591.74	591.58	590.31	590.27	10.7	150	0.6	287	0.8972	0.4547	1.2	1.28	1.17	47.7	0.011	HDPE
CO-249	MH-5510	MH-3949	591.58	591.14	590.27	590.13	30.5	150	0.73	214	1.1434	0.4889	1	1.17	0.87	46.2	0.01	HDPE
CO-250	MH-1584	MH-553	582.55	583.04	581.6	581.76	16.4	150	0.94	100	1.52	0.5581	1	0.8	1.13	45.2	0.011	HDPE
CO-251	MH-3661	MH-6707	589.76	589.9	588.81	588.95	40.9	150	0.27	293	0.8885	0.0271	0.8	0.8	0.8	11.2	0.011	HDPE
CO-252	MH-2930	MH-1817	579.98	579.9	578.69	578.59	14.7	217	1.01	139	3.7908	0.9905	1.1	1.08	1.1	37.7	0.01	HDPE
CO-253	MH-1245	MH-1096	581.71	580.59	579.57	578.99	58.5	800	2.78	100	131.9815	43.8015	1.1	1.33	0.8	46.5	0.011	HDPE
CO-254	MH-1096	MH-3376	580.59	579.96	578.69	578.36	33.1	800	2.78	100	131.9815	43.9086	1	1.1	0.8	53.9	0.011	HDPE
CO-255	MH-1718	MH-1095	581.27	580.62	580.06	579.67	39.4	150	0.47	100	1.52	0.051	0.9	1.05	0.8	16.8	0.011	HDPE
CO-256	MH-2427	MH-6489	583.77	583.4	581.09	581.07	13.6	217	0.6	595	1.8353	1.0217	2.3	2.46	2.11	46.4	0.01	HDPE
CO-258	MH-2365	MH-6708	582.05	583.35	580.22	580.26	23.7	217	0.6	641	1.7683	1.1539	2.2	1.61	2.87	52.5	0.01	HDPE
CO-259	MH-6708	MH-6489	583.35	583.4	580.26	580.3	26.6	217	0.6	625	1.7902	1.1066	2.9	2.87	2.88	56.5	0.01	HDPE
CO-260	MH-591	MH-6461	586.13	585.32	583.41	583.36	24.4	175	0.6	473	1.1602	0.7282	2.2	2.54	1.79	51.3	0.01	HDPE
CO-261	MH-6461	MH-1203	585.32	584.91	582.58	582.56	12.7	217	0.6	510	1.9823	0.8123	2.3	2.52	2.13	44.5	0.01	HDPE
CO-262	MH-777	MH-6408	587.47	586.82	584.85	584.78	25.5	175	0.6	392	1.2738	0.5467	2.2	2.45	1.87	42.4	0.01	HDPE
CO-263	MH-6408	MH-591	586.82	586.13	584.28	584.21	27.6	175	0.6	436	1.2081	0.6401	2.1	2.37	1.74	47	0.01	HDPE
CO-264	MH-604	MH-6709	588.79	589.5	587.84	588.11	27.1	150	0.66	100	1.52	0.1615	1	0.8	1.24	23.8	0.011	HDPE
CO-265	MH-6709	MH-6710	589.5	590	588.55	588.82	26.5	150	0.61	100	1.52	0.1224	0.9	0.8	1.03	20.7	0.011	HDPE
CO-266	MH-6710	MH-229	590	590.52	589.05	589.21	16.4	150	0.56	100	1.52	0.0919	1	0.8	1.15	17.9	0.011	HDPE
CO-267	MH-1651	MH-6711	587.65	587.75	586.45	586.24	24.7	150	0.6	120	1.3876	0.1463	1.2	1.06	1.36	26.1	0.011	HDPE
CO-268	MH-6711	MH-6712	587.75	587.96	586.24	586.04	28.5	150	0.6	146	1.26	0.1859	1.6	1.36	1.77	28.3	0.011	HDPE
CO-269	MH-6712	MH-604	587.96	588.79	586.04	585.95	15.4	150	0.6	158	1.209	0.2039	2.2	1.77	2.7	35	0.011	HDPE
CO-270	MH-1442	MH-6713	590.66	590.75	587.85	587.82	26.7	271	0.6	886	2.7204	1.8884	2.6	2.54	2.66	62.2	0.01	HDPE
CO-271	MH-6713	MH-6714	590.75	590.5	587.82	587.77	47.1	271	0.6	902	2.6955	1.9539	2.6	2.66	2.46	63.6	0.01	HDPE
CO-272	MH-6714	MH-2839	590.5	591.13	587.77	587.71	48.1	271	0.6	917	2.6731	2.017	2.8	2.46	3.15	64.9	0.01	HDPE
CO-273	MH-254	MH-251	580.32	580.72	578.72	578.75	17.9	217	0.6	564	1.8847	0.941	1.6	1.39	1.76	49.7	0.01	HDPE
CO-275	MH-121	MH-834	585.78	585.83	583.32	583.28	14.9	175	0.6	384	1.2873	0.5305	2.3	2.28	2.37	41.9	0.01	HDPE
CO-276	MH-840	MH-841	585.39	585.37	584.44	584.37	13.9	150	0.6	202	1.0696	0.2818	0.8	0.8	0.85	34.4	0.011	HDPE
CO-277	MH-1924	MH-3054	582.72	581.8	580.46	580.79	40.8	150	0.6	124	1.3657	0.1527	1.5	2.12	0.86	26.8	0.011	HDPE
CO-279	MH-4764	MH-1924	583.34	582.72	581.76	581.72	38.3	150	0.26	1,000	0.4807	0.1129	1.1	1.43	0.86	27	0.011	HDPE
CO-281	MH-867	MH-6716	587.32	586	585.45	585.05	39.9	150	0.51	100	1.52	0.0689	1.3	1.72	0.8	15.5	0.011	HDPE
CO-282	MH-6716	MH-305	586	585.26	584.76	584.31	45.1	150	0.61	100	1.52	0.1262	0.9	1.09	0.8	23.5	0.011	HDPE
CO-283	MH-3404	MH-489	583.46	582.86	579.25	579.22	23.1	271	0.6	860	2.7603	1.7944	3.7	3.95	3.37	58.6	0.01	HDPE
CO-284	MH-5823	MH-3404	583.87	583.46	579.27	579.25	19	271	0.6	853	2.7716	1.7701	4.1	4.33	3.95	58.1	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-285	MH-4208	MH-6446	586.49	585.83	583.6	583.44	31.1	150	0.68	184	1.1196	0.3926	2.5	2.74	2.25	47.9	0.011	HDPE
CO-286	MH-6446	MH-745	585.83	584.97	583.44	583.33	40.2	150	0.6	377	0.8609	0.5174	1.9	2.25	1.5	51.1	0.01	HDPE
CO-287	MH-4719	MH-6717	580.67	580.5	579.72	579.55	28.4	150	0.66	165	1.1844	0.2991	0.8	0.8	0.8	34.6	0.011	HDPE
CO-288	MH-6717	MH-3050	580.5	579.77	579.08	578.82	25.8	150	0.81	100	1.52	0.3287	1	1.27	0.8	34.2	0.011	HDPE
CO-289	MH-551	MH-669	575.71	575.89	574.76	574.88	11.8	150	0.47	100	1.52	0.0513	0.8	0.8	0.86	13.4	0.011	HDPE
CO-290	MH-2392	MH-718	575.4	575.41	574.45	574.3	19	150	0.25	120	1.3858	0.0079	0.9	0.8	0.97	11.9	0.011	HDPE
CO-291	MH-718	MH-2600	575.41	575.7	574.46	574.6	14.4	150	0.22	100	1.52	0.0045	0.9	0.8	0.94	4.1	0.011	HDPE
CO-292	MH-718	MH-2051	575.41	575.44	574.46	574.48	16	150	0.25	723	0.5654	0.0645	0.8	0.8	0.81	19.3	0.011	HDPE
CO-293	MH-578	MH-3273	574.81	574.79	573.17	573.19	18.5	150	0.19	1,000	0.4807	0.0403	1.5	1.49	1.45	23.3	0.011	HDPE
CO-294	MH-1538	MH-880	576.42	576.82	573.52	573.55	24.9	400	0.61	1,000	6.573	3.2199	2.7	2.49	2.87	49	0.011	HDPE
CO-295	MH-880	MH-4155	576.82	576.78	573.8	573.92	25.4	150	0.6	205	1.0611	0.2885	2.8	2.87	2.7	35	0.011	HDPE
CO-296	MH-880	MH-2999	576.82	577.26	575.8	576.07	26.9	217	1.14	100	4.476	0.9816	0.9	0.8	0.97	36	0.01	HDPE
CO-297	MH-1478	MH-971	576.08	576.01	575.13	575.06	11.6	150	0.3	163	1.1915	0.0208	0.8	0.8	0.8	11	0.011	HDPE
CO-298	MH-2335	MH-2706	573.02	573.01	572.07	572.06	6.9	150	0.34	379	0.7807	0.0828	0.8	0.8	0.8	20	0.011	HDPE
CO-299	MH-4380	MH-5665	570.09	570.41	568.71	568.88	26	150	0.6	156	1.2182	0.2035	1.3	1.23	1.38	29.9	0.011	HDPE
CO-300	MH-5665	MH-5127	570.41	571.23	569.46	569.82	35.7	150	0.64	100	1.52	0.149	1	0.8	1.26	22.8	0.011	HDPE
CO-301	MH-1507	MH-3674	581.36	581.02	580.16	580	16.2	217	1.24	100	4.476	1.3204	0.9	0.98	0.8	48.1	0.01	HDPE
CO-302	MH-3674	MH-3848	581.02	580.88	580	579.87	17.2	217	1.15	127	3.9732	1.3905	0.8	0.8	0.8	44.5	0.01	HDPE
CO-307	MH-4226	MH-6719	569.05	569.26	567.77	567.71	20	150	0.6	371	0.8681	0.504	1.3	1.13	1.4	50.2	0.01	HDPE
CO-308	MH-6719	MH-4227	569.26	569.44	568.31	568.48	16.5	150	0.5	100	1.52	0.0644	0.8	0.8	0.81	15	0.011	HDPE
CO-309	MH-3131	MH-6719	569.3	569.26	567.66	567.69	12.8	175	0.6	408	1.2489	0.58	1.4	1.46	1.4	47.6	0.01	HDPE
CO-310	MH-1087	MH-6720	568.69	568.6	567.74	567.65	13.8	150	0.3	149	1.245	0.0177	0.8	0.8	0.8	10.1	0.011	HDPE
CO-311	MH-6720	MH-6721	568.6	568.5	567.65	567.55	20.8	150	0.31	207	1.0558	0.0313	0.8	0.8	0.8	12.9	0.011	HDPE
CO-314	MH-6721	MH-6722	568.5	568.47	567.55	567.38	22.7	150	0.42	133	1.3156	0.0494	0.9	0.8	0.94	16.5	0.011	HDPE
CO-315	MH-6722	MH-1560	568.47	568.09	567.38	567.14	24.1	150	0.55	100	1.52	0.0889	0.9	0.94	0.8	17.6	0.011	HDPE
CO-316	MH-1271	MH-6723	568.33	568.25	567.38	567.3	21.1	150	0.29	263	0.9379	0.0315	0.8	0.8	0.8	11.8	0.011	HDPE
CO-317	MH-6723	MH-790	568.25	567.76	567.04	566.81	23	150	0.47	100	1.52	0.0496	0.9	1.06	0.8	21.2	0.011	HDPE
CO-318	MH-1347	MH-1040	569.49	569.66	568.54	568.71	21.3	150	0.79	126	1.3516	0.4048	0.8	0.8	0.8	39.2	0.011	HDPE
CO-319	MH-2274	MH-6724	572.54	572.45	571.59	571.5	14.7	150	0.26	161	1.1993	0.013	0.8	0.8	0.8	9.5	0.011	HDPE
CO-320	MH-6724	MH-6725	572.45	572.4	571.5	571.32	21.2	150	0.39	119	1.3912	0.0349	0.9	0.8	0.93	14.4	0.011	HDPE
CO-321	MH-6725	MH-6726	572.4	572	571.32	571.05	27.1	150	0.51	100	1.52	0.0707	0.9	0.93	0.8	15.7	0.011	HDPE
CO-322	MH-6726	MH-449	572	571.25	570.52	570.3	22.2	150	0.56	100	1.52	0.091	1.1	1.33	0.8	17.8	0.011	HDPE
ONE 235-10	MH-663	MH-664	588.6	588.6	587.65	587.64	9.4	150	0.22	1,000	0.4807	0.0601	0.8	0.8	0.81	19.2	0.011	HDPE
CO-414	MH-3322	MH-6769	570.83	570.58	565.99	565.95	41.6	1,100.00	1.34	1,000	97.5709	76.727	3.6	3.74	3.53	64.1	0.011	HDPE
CO-415	MH-6769	MH-6246	570.58	570.11	565.95	565.87	77.5	1,100.00	1.34	1,000	97.5709	76.8237	3.3	3.53	3.14	63.3	0.011	HDPE
CO-417	MH-6770	MH-5960	612.71	610.73	611.48	609.78	170.4	150	1.05	100	1.52	0.8966	0.9	1.08	0.8	58.6	0.011	HDPE
CO-418	MH-6670	MH-6771	615	613.31	613.81	612.36	145.2	150	0.83	100	1.52	0.3689	0.9	1.04	0.8	36.3	0.011	HDPE
CO-419	MH-6771	MH-6770	613.31	612.71	612.28	611.76	51.2	150	0.97	100	1.52	0.6285	0.8	0.88	0.8	48.2	0.011	HDPE
CO-420	MH-4181	MH-6772	607.96	606	604.97	604.73	248.4	450	0.76	1,000	8.9986	8.6425	1.7	2.53	0.82	68.7	0.011	HDPE
CO-421	MH-6772	MH-6773	606	605.5	604.73	604.25	226.6	450	1.05	477	13.0349	9.2873	0.8	0.82	0.8	61.7	0.011	HDPE
CO-422	MH-6773	MH-6774	605.5	605.4	604.2	604.08	122.4	500	0.8	1,000	11.9177	9.5475	0.8	0.8	0.82	64.5	0.011	HDPE
CO-423	MH-6774	MH-6775	605.4	605.5	604.08	604	77.3	500	0.8	1,000	11.9177	9.5956	0.9	0.82	1	54	0.011	HDPE
CO-424	MH-6775	MH-6776	605.5	604.5	604	603	110.6	500	1.82	111	35.8489	9.5956	1	1	1	45	0.011	HDPE
CO-425	MH-6776	MH-5958	604.5	603.39	603	602.09	90.8	500	1.89	100	37.6871	9.6924	0.9	1	0.8	45.3	0.011	HDPE
CO-428	MH-2449	MH-6777	594.94	594.77	593.49	593.37	22.6	600	1.74	194	43.9667	18.2103	0.8	0.85	0.8	49.6	0.011	HDPE
CO-429	MH-6777	MH-5790	594.77	594.41	593.37	593.01	48.4	600	1.99	136	52.5298	18.3304	0.8	0.8	0.8	45	0.011	HDPE
CO-430	MH-3535	MH-903	596.29	595.92	595.18	594.97	20.5	150	0.83	100	1.52	0.3651	0.9	0.96	0.8	36.1	0.011	HDPE
CO-431	MH-4645	MH-4570	594.49	593.91	592.47	592.44	25.9	271	0.6	750	2.9569	1.4431	1.5	1.75	1.21	48.7	0.01	HDPE
CO-432	MH-4571	MH-3946	593.57	593.34	592.4	592.18	40.3	271	1.05	182	6.008	1.6684	0.9	0.9	0.89	41.7	0.01	HDPE
CO-433	MH-3946	MH-651	593.34	592.8	592.18	591.73	45.2	271	1.35	100	8.0956	1.9287	0.8	0.89	0.8	38	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-434	MH-6778	MH-2800	590.25	590.29	589.3	589.25	46.9	150	0.18	1,000	0.4807	0.0338	0.8	0.8	0.88	14.7	0.011	HDPE
CO-435	MH-5678	MH-5045	588.66	588.01	587.31	586.81	49.6	400	1.48	100	22.8644	2.9717	0.9	0.95	0.8	28.4	0.01	HDPE
CO-545	MH-6819	MH-6589	612.31	612.14	611.33	611.19	29	150	0.76	203	1.0673	0.7167	0.8	0.83	0.8	57.5	0.011	HDPE
CO-547	MH-6820	MH-6819	612.69	612.31	611.56	611.33	64.4	150	0.6	283	0.9042	0.4443	0.9	0.98	0.83	54	0.011	HDPE
CO-549	MH-6821	MH-6820	613.09	612.69	612.14	611.56	67.4	150	0.6	116	1.4111	0.1407	0.9	0.8	0.98	36.4	0.011	HDPE
CO-551	MH-6822	MH-691	613.44	613.35	612.46	612.39	28.8	150	0.6	374	0.8648	0.5101	0.8	0.83	0.82	52.1	0.01	HDPE
CO-552	MH-5953	MH-6823	613.63	613.53	612.68	612.55	32.3	150	0.6	260	0.943	0.3929	0.8	0.8	0.83	47.6	0.011	HDPE
CO-553	MH-6823	MH-6822	613.53	613.44	612.55	612.46	32.3	150	0.6	353	0.8896	0.4669	0.8	0.83	0.83	52.6	0.01	HDPE
CO-554	MH-6095	MH-6824	612.73	613.01	611.78	612.06	31.1	150	1	112	1.5808	0.6505	0.8	0.8	0.8	48.6	0.01	HDPE
CO-555	MH-6824	MH-691	613.01	613.35	612.06	612.39	39.1	150	0.95	118	1.5366	0.5733	0.8	0.8	0.82	51.4	0.01	HDPE
CO-556	MH-6616	MH-6825	609.37	609.48	607.83	607.62	97.7	175	0.6	468	1.1653	0.7174	1.5	1.37	1.69	50.8	0.01	HDPE
CO-557	MH-6825	MH-859	609.48	609.54	607.58	607.48	50.8	217	0.6	556	1.8975	0.9228	1.8	1.69	1.84	43.9	0.01	HDPE
CO-559	MH-6826	MH-6616	609.54	609.37	608.19	607.85	101	150	0.6	297	0.8818	0.48	1.3	1.2	1.37	50.2	0.011	HDPE
CO-561	MH-6827	MH-6826	609.66	609.54	608.71	608.19	71.2	150	0.6	137	1.3002	0.17	1	0.8	1.2	39.1	0.011	HDPE
CO-562	MH-800	MH-6828	609.75	609.75	608.65	608.69	26	217	0.6	639	1.7713	1.1471	0.9	0.88	0.84	50.5	0.01	HDPE
CO-563	MH-6828	MH-801	609.75	609.75	608.69	608.73	24.7	217	0.6	627	1.7878	1.1104	0.8	0.84	0.8	56.6	0.01	HDPE
CO-564	MH-6445	MH-6476	608.43	607.53	607.14	606.51	63.2	217	1.32	100	4.476	1.6436	0.9	1.07	0.8	55	0.01	HDPE
CO-565	MH-859	MH-531	609.54	608.9	607.3	607.21	94.6	400	0.68	1,000	6.573	4.9545	1.6	1.84	1.29	55.3	0.011	HDPE
CO-566	MH-6477	MH-6829	606.73	607.58	605.66	605.3	330.9	271	0.6	925	2.6622	2.051	1.4	0.8	2	54.7	0.01	HDPE
CO-567	MH-6829	MH-4181	607.58	607.96	605.17	605.02	148.5	400	0.64	1,000	7.2303	2.8313	2.3	2	2.53	60.3	0.01	HDPE
CO-568	MH-6615	MH-6829	608.6	607.58	607.65	606.63	122.1	150	0.78	119	1.3924	0.3702	0.8	0.8	0.8	37.2	0.011	HDPE
CO-569	MH-4700	MH-4050	612.93	612.73	611.98	611.51	48	150	0.61	103	1.4968	0.1276	0.9	0.8	1.06	24.7	0.011	HDPE
ONE 235-55	MH-877	MH-878	579.53	579.52	578.35	578.34	7.6	150	0.22	1,000	0.4807	0.0653	1	1.02	1.03	19.9	0.011	HDPE
ONE 235-54	MH-917	MH-918	581.54	581.53	580.25	580.25	1.2	150	0.16	1,000	0.4807	0.0192	1.1	1.14	1.13	34.4	0.011	HDPE
ONE 235-3	MH-501	MH-502	585.5	585.49	584.42	584.42	0.1	271	1.43	(N/A)	0	2.3336	0.8	0.8	0.8	45.9	0.01	HDPE
ONE 235-54	MH-1072	MH-1062	581.65	581.59	580.26	580.25	5	150	0.15	1,000	0.4807	0.0178	1.2	1.24	1.19	30.1	0.011	HDPE
ONE 235-56	MH-1222	MH-1223	578.13	578.05	577.16	577.1	5.4	150	0.57	100	1.52	0.0985	0.8	0.82	0.8	18.5	0.011	HDPE
ONE 235-8	MH-1305	MH-1306	583.81	583.69	582.81	582.74	6.3	150	0.56	100	1.52	0.0944	0.8	0.86	0.8	18.1	0.011	HDPE
ONE 235-3	MH-153	MH-154	589.14	589.14	588.19	588.19	0	150	0.1	(N/A)	0	0.005	0.8	0.8	0.8	5.1	0.011	HDPE
ONE 235-2	MH-37	MH-38	596.6	596.6	595.65	595.64	0	150	0.16	(N/A)	0	0.0022	0.8	0.8	0.8	38.5	0.011	HDPE
ONE 235-23	MH-677	MH-678	585.72	585.71	584.76	584.76	0.3	150	0.11	1,000	0.4807	0.0069	0.8	0.81	0.8	5.9	0.011	HDPE
ONE 235-6	MH-115	MH-116	591.24	591.24	590.28	590.29	0	150	0.16	(N/A)	0	0.0221	0.8	0.8	0.8	10.3	0.011	HDPE
ONE 235-35	MH-2335	MH-1368	573.02	573.3	572.07	572.2	12.6	150	0.53	100	1.52	0.0777	0.9	0.8	0.95	19.7	0.011	HDPE
ONE 235-30	MH-581	MH-582	592.3	592.3	591.35	591.35	0.2	150	0.74	111	1.4429	0.2733	0.8	0.8	0.8	34.3	0.011	HDPE
ONE 235-1	MH-675	MH-676	595.09	595.1	594.06	594.08	12.6	217	0.6	595	1.8344	1.0231	0.8	0.82	0.8	53.2	0.01	HDPE
ONE 235-11	MH-697	MH-698	590.52	590.52	589.45	589.45	0.3	271	1.17	128	7.1543	1.5773	0.8	0.8	0.8	39.4	0.01	HDPE
ONE 235-34	MH-243	MH-244	583.64	583.64	582.65	582.69	5.6	150	0.6	123	1.3717	0.1508	0.8	0.84	0.8	23.5	0.011	HDPE
ONE 235-4	MH-222	MH-711	590.03	589.76	587.66	587.65	12.9	271	0.6	973	2.5952	2.3062	2	2.1	1.84	55.7	0.01	HDPE
ONE 235-2	MH-341	MH-342	590.67	590.67	589.47	589.47	0.1	400	0.6	(N/A)	0	3.0088	0.8	0.8	0.8	33.8	0.011	HDPE
ONE 235-1	MH-439	MH-440	597.26	597.26	596.22	596.24	10.6	217	0.6	558	1.8951	0.9262	0.8	0.82	0.8	43.5	0.01	HDPE
ONE 235-55	MH-1147	MH-1148	578.91	579.02	577.42	577.41	4.6	150	0.16	1,000	0.4807	0.0222	1.4	1.34	1.46	16.6	0.011	HDPE
ONE 235-7	MH-1378	MH-1824	588.23	587.99	587.13	587.04	9.6	150	0.58	100	1.52	0.1044	0.9	0.94	0.8	19.1	0.011	HDPE
ONE 235-9	MH-63	MH-64	579.82	579.82	578.7	578.7	0	217	0.6	(N/A)	0	1.0341	0.9	0.91	0.91	43	0.01	HDPE
ONE 235-10	MH-1311	MH-1312	586.96	586.8	585.91	585.85	6.3	150	0.51	100	1.52	0.0702	0.8	0.89	0.8	15.7	0.011	HDPE
ONE 235-7	MH-146	MH-1926	586.71	586.74	585.69	585.79	10.2	150	0.6	105	1.4799	0.1265	0.8	0.87	0.8	22.9	0.011	HDPE
ONE 235-4	MH-221	MH-222	590.03	590.03	587.66	587.66	0	271	0.6	(N/A)	0	2.2233	2.1	2.1	2.1	61.1	0.01	HDPE
ONE 235-3	MH-255	MH-256	588.75	588.74	587.5	587.5	0	271	0.6	(N/A)	0	1.8689	1	0.97	0.97	43.7	0.01	HDPE
ONE 235-35	MH-295	MH-296	572.86	572.86	571.91	571.91	0	150	0.21	(N/A)	0	0.0398	0.8	0.8	0.8	14.3	0.011	HDPE
ONE 235-23	MH-305	MH-306	585.26	585.26	584.31	584.3	0	150	0.6	(N/A)	0	0.1448	0.8	0.8	0.8	23.3	0.011	HDPE
ONE 235-3	MH-309	MH-310	590.3	590.3	589.35	589.35	0	150	0.11	(N/A)	0	0.0063	0.8	0.8	0.8	5.7	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-44	MH-1644	MH-1645	583.85	583.69	582.38	582.35	8.4	400	1.02	293	12.1497	4.0654	1	1.07	0.93	48.9	0.011	HDPE
DNE 235-11	MH-1696	MH-1697	592.5	592.41	591.55	591.46	8.7	150	0.67	100	1.52	0.1696	0.8	0.81	0.8	24.3	0.011	HDPE
DNE 235-7	MH-250	MH-1444	586.5	586.59	585.55	585.64	9	150	0.47	106	1.4736	0.056	0.8	0.8	0.8	14.1	0.011	HDPE
DNE 235-55	MH-1190	MH-878	579.59	579.52	577.6	577.57	5	150	0.6	169	1.1687	0.2227	1.8	1.84	1.8	33	0.011	HDPE
DNE 235-34	MH-483	MH-484	590.99	591.05	590.04	590.1	14.9	150	0.33	233	0.9957	0.0444	0.8	0.8	0.8	13.8	0.011	HDPE
DNE 235-52	MH-1215	MH-1130	575.49	575.43	572.7	572.67	5.3	150	0.6	234	0.9933	0.3398	2.6	2.64	2.61	43	0.011	HDPE
DNE 235-35	MH-1218	MH-1219	575.07	574.96	574.07	574.01	5.4	150	0.55	100	1.52	0.0887	0.8	0.85	0.8	20.3	0.011	HDPE
DNE 235-32	MH-561	MH-562	580.1	580.1	577.94	577.94	0.2	150	0.6	181	1.1306	0.2448	2	2.01	2.01	32.8	0.011	HDPE
DNE 235-32	MH-57	MH-58	581.36	581.36	580.33	580.35	7	217	0.6	564	1.8848	0.9413	0.8	0.81	0.8	43.5	0.01	HDPE
DNE 235-29	MH-59	MH-60	603.37	603.37	601.7	601.69	0	271	0.6	(N/A)	0	1.7539	1.4	1.4	1.4	42.3	0.01	HDPE
DNE 235-51	MH-651	MH-652	592.8	592.8	590.61	590.6	17	271	0.6	988	2.5758	2.4308	1.9	1.91	1.93	56.8	0.01	HDPE
DNE 235-8	MH-1301	MH-1383	583.47	583.3	582.42	582.35	6.8	150	0.85	100	1.52	0.4047	0.9	0.9	0.8	38.2	0.011	HDPE
DNE 235-18	MH-121	MH-122	585.78	585.78	584.83	584.83	0	150	0.09	(N/A)	0	0.0026	0.8	0.8	0.8	3.7	0.011	HDPE
DNE 235-31	MH-125	MH-126	589.13	589.13	588.18	588.18	0	150	0.18	(N/A)	0	0.0335	0.8	0.8	0.8	12.6	0.011	HDPE
DNE 235-58	MH-1482	MH-1483	583.39	583.24	582.44	582.29	15.4	150	0.58	103	1.5002	0.107	0.8	0.8	0.8	19.4	0.011	HDPE
DNE 235-35	MH-1488	MH-1489	573.16	573.14	572.21	572.17	7.5	150	0.6	180	1.1317	0.2442	0.8	0.8	0.82	32.8	0.011	HDPE
DNE 235-54	MH-1493	MH-918	581.69	581.53	580.65	580.58	7.5	150	1.23	100	1.672	1.287	0.8	0.89	0.8	70.1	0.01	HDPE
DNE 235-51	MH-1064	MH-1517	571.96	571.9	571.01	570.95	7.7	150	0.38	135	1.3063	0.0373	0.8	0.8	0.8	14	0.011	HDPE
DNE 235-52	MH-816	MH-817	576.22	576.21	575.27	575.26	0.6	150	0.99	100	1.52	0.6936	0.8	0.8	0.8	52.3	0.011	HDPE
DNE 235-19	MH-648	MH-647	584.72	584.71	583.76	583.76	0.2	150	0.6	242	0.9774	0.3557	0.8	0.8	0.8	39.5	0.011	HDPE
DNE 235-11	MH-1544	MH-1545	589.87	589.9	588.76	588.76	7.8	150	0.16	1,000	0.4807	0.0211	1	0.96	0.99	16.7	0.011	HDPE
DNE 235-30	MH-857	MH-858	611.55	611.57	610.52	610.55	18.5	217	0.6	551	1.9063	0.9105	0.8	0.82	0.8	43.4	0.01	HDPE
DNE 235-9	MH-219	MH-220	590.84	590.84	589.89	589.89	0	150	0.6	(N/A)	0	0.5183	0.8	0.8	0.8	48.5	0.01	HDPE
DNE 235-6	MH-883	MH-884	592.52	592.53	590.9	590.84	13.2	150	0.6	226	1.0102	0.3252	1.5	1.47	1.53	43	0.011	HDPE
DNE 235-51	MH-30	MH-1575	567.84	567.66	566.21	566.15	16.8	600	1.46	300	36.1977	17.0788	1	1.04	0.91	48.1	0.011	HDPE
DNE 235-32	MH-382	MH-2470	580.24	580.06	578.2	578.11	13.6	150	0.6	165	1.1816	0.2166	1.8	1.9	1.8	30.6	0.011	HDPE
DNE 235-23	MH-885	MH-942	586.96	586.98	583.71	583.71	1.5	150	0.6	234	0.9946	0.3387	3.1	3.1	3.13	41.2	0.011	HDPE
DNE 235-33	MH-271	MH-272	592.72	592.72	591.77	591.77	0	150	0.22	(N/A)	0	0.0429	0.8	0.8	0.8	14.1	0.011	HDPE
DNE 235-8	MH-957	MH-958	582.15	582.1	581.17	581.15	1.7	150	0.27	100	1.52	0.0087	0.8	0.83	0.8	5.6	0.011	HDPE
DNE 235-3	MH-1839	MH-1457	585.24	584.93	583.97	583.86	11.2	271	1.44	100	8.0956	2.4006	0.9	1	0.8	42.8	0.01	HDPE
DNE 235-10	MH-283	MH-284	583.71	583.71	580.59	580.59	0	217	0.6	(N/A)	0	0.8526	2.9	2.91	2.91	45.9	0.01	HDPE
DNE 235-23	MH-996	MH-997	580.53	580.57	578.54	578.56	19.2	271	0.6	931	2.6535	2.0761	1.7	1.72	1.74	52.1	0.01	HDPE
DNE 235-24	MH-1684	MH-1685	576.28	576.1	575.24	575.15	8.6	150	0.2	100	1.52	0.0032	0.8	0.89	0.8	3.4	0.011	HDPE
DNE 235-57	MH-1046	MH-1047	576.97	576.94	576.02	575.99	3.4	150	0.31	102	1.5043	0.0143	0.8	0.8	0.8	13	0.011	HDPE
DNE 235-9	MH-353	MH-354	579.86	579.86	578.91	578.91	0.1	150	0.12	(N/A)	0	0.0024	0.8	0.8	0.8	3.5	0.011	HDPE
DNE 235-51	MH-1063	MH-1064	571.99	571.96	571.04	571.01	3.8	150	0.33	130	1.3313	0.021	0.8	0.8	0.8	10.7	0.011	HDPE
DNE 235-32	MH-367	MH-368	592.12	592.12	588.61	588.61	0.1	150	0.6	(N/A)	0	0.3464	3.4	3.36	3.36	41.1	0.011	HDPE
DNE 235-4	MH-383	MH-384	590.78	590.78	587.7	587.7	0.1	271	0.6	(N/A)	0	2.1989	2.8	2.82	2.82	65.9	0.01	HDPE
DNE 235-12	MH-397	MH-398	575.12	575.13	572.83	572.82	0.1	150	0.6	(N/A)	0	0.488	2.1	2.15	2.15	53.2	0.01	HDPE
DNE 235-54	MH-1775	MH-1776	582.48	582.68	581.53	581.52	9.2	150	0.24	1,000	0.4807	0.0798	0.9	0.8	1	28.3	0.011	HDPE
DNE 235-55	MH-1194	MH-1195	579.43	579.37	578.47	578.42	5.1	150	0.7	100	1.52	0.2051	0.8	0.8	0.8	29.4	0.011	HDPE
DNE 235-56	MH-1196	MH-1197	574.31	574.2	573.3	573.25	5.1	150	0.7	100	1.52	0.1977	0.8	0.86	0.8	26.3	0.011	HDPE
DNE 235-24	MH-475	MH-476	576.38	576.38	575.43	575.43	0.1	150	0.16	(N/A)	0	0.0133	0.8	0.8	0.8	8.9	0.011	HDPE
DNE 235-9	MH-64	MH-1817	579.82	579.9	578.6	578.59	9.5	217	0.6	613	1.8085	1.0699	1.1	1.01	1.1	47.2	0.01	HDPE
DNE 235-56	MH-1253	MH-1046	577.06	576.97	576.08	576.02	5.8	150	0.29	100	1.52	0.0109	0.8	0.83	0.8	7.1	0.011	HDPE
DNE 235-55	MH-1283	MH-1194	579.48	579.43	578.53	578.47	6.1	150	0.39	110	1.4469	0.0303	0.8	0.8	0.8	20	0.011	HDPE
DNE 235-53	MH-1878	MH-1879	578.13	577.96	574.87	574.86	10	271	0.6	871	2.743	1.8333	2.9	2.98	2.83	59.8	0.01	HDPE
DNE 235-2	MH-1081	MH-1157	598	597.88	596.99	596.93	6.5	150	0.61	100	1.52	0.1242	0.8	0.86	0.8	20.8	0.011	HDPE
DNE 235-7	MH-35	MH-36	582.25	582.25	580.85	580.86	7.6	217	0.6	555	1.9003	0.9185	1.2	1.19	1.18	43.9	0.01	HDPE
DNE 235-56	MH-1882	MH-1771	573.87	573.66	572.81	572.71	10.2	150	0.65	100	1.52	0.157	0.9	0.91	0.8	23.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-2	MH-659	MH-660	597.64	597.64	596.69	596.69	0.2	150	0.65	100	1.52	0.1523	0.8	0.8	0.8	23.7	0.011	HDPE
DNE 235-7	MH-2356	MH-2357	588.52	588.21	587.39	587.26	12.8	150	0.37	100	1.52	0.0241	0.9	0.99	0.8	9.2	0.011	HDPE
DNE 235-4	MH-711	MH-712	589.76	589.75	587.65	587.65	0.3	271	0.6	973	2.5947	2.3112	1.8	1.84	1.84	48.9	0.01	HDPE
DNE 235-4	MH-315	MH-316	586.8	586.8	585.67	585.67	0	271	0.6	(N/A)	0	2.2291	0.9	0.86	0.86	48	0.01	HDPE
DNE 235-32	MH-739	MH-740	591.74	591.75	590.3	590.3	0.4	150	0.21	1,000	0.4807	0.0493	1.3	1.29	1.3	15.2	0.011	HDPE
DNE 235-3	MH-806	MH-807	589.85	589.84	588.78	588.77	7.9	271	0.69	575	3.3775	1.6609	0.8	0.8	0.8	43.4	0.01	HDPE
DNE 235-3	MH-179	MH-180	588.79	588.79	587.84	587.84	0	150	0.09	(N/A)	0	0.0031	0.8	0.8	0.8	54	0.011	HDPE
DNE 235-34	MH-229	MH-230	590.52	590.52	589.57	589.57	0	150	0.15	(N/A)	0	0.0169	0.8	0.8	0.8	9	0.011	HDPE
DNE 235-2	MH-263	MH-264	596.15	596.15	595.2	595.2	0	150	0.12	(N/A)	0	0.0086	0.8	0.8	0.8	6.6	0.011	HDPE
DNE 235-56	MH-1032	MH-1033	577.6	577.53	576.61	576.58	3.1	150	0.59	100	1.52	0.1081	0.8	0.84	0.8	19.4	0.011	HDPE
DNE 235-12	MH-1041	MH-1042	577.25	577.21	576.29	576.26	3.2	150	0.56	100	1.52	0.0933	0.8	0.81	0.8	18	0.011	HDPE
DNE 235-24	MH-313	MH-314	580.38	580.38	579.03	579.03	0	150	0.6	(N/A)	0	0.2041	1.2	1.2	1.2	29.4	0.011	HDPE
DNE 235-8	MH-331	MH-332	583.66	583.66	582.71	582.71	0.1	150	0.13	(N/A)	0	0.0054	0.8	0.8	0.8	5.2	0.011	HDPE
DNE 235-30	MH-333	MH-334	608.16	608.16	607.21	607.21	0.1	150	0.19	(N/A)	0	0.0402	0.8	0.8	0.8	13.7	0.011	HDPE
DNE 235-54	MH-1071	MH-1072	581.7	581.65	580.26	580.26	3.8	150	0.15	1,000	0.4807	0.0162	1.3	1.29	1.24	27.2	0.011	HDPE
DNE 235-23	MH-1105	MH-1106	581.66	581.54	579.91	579.9	4.1	217	0.6	520	1.9623	0.8361	1.5	1.53	1.42	40.4	0.01	HDPE
DNE 235-32	MH-381	MH-382	580.24	580.24	579.29	579.29	0.1	150	0.31	(N/A)	0	0.0505	0.8	0.8	0.8	14.9	0.011	HDPE
DNE 235-55	MH-1148	MH-1149	579.02	578.97	577.41	577.41	9.2	150	0.18	1,000	0.4807	0.0309	1.4	1.46	1.42	18	0.011	HDPE
DNE 235-3	MH-357	MH-358	586.1	586.09	585.02	585.02	8.6	271	0.6	976	2.592	2.3238	0.8	0.8	0.81	53.5	0.01	HDPE
DNE 235-30	MH-1166	MH-1167	606.95	606.85	604.8	604.44	37.7	175	1.04	104	2.4786	0.6973	2.1	1.97	2.24	46.2	0.01	HDPE
DNE 235-7	MH-1169	MH-959	584.03	583.89	582.99	582.94	4.8	150	0.58	100	1.52	0.1033	0.8	0.89	0.8	19	0.011	HDPE
DNE 235-54	MH-1855	MH-1856	584.15	584	583.14	583.05	9.8	150	1.05	100	1.52	0.8698	0.8	0.86	0.8	57.6	0.011	HDPE
DNE 235-52	MH-1272	MH-1273	571.54	571.58	570.58	570.56	6	150	0.6	291	0.8905	0.4654	0.8	0.81	0.87	51.2	0.011	HDPE
DNE 235-56	MH-1290	MH-1196	574.44	574.31	573.42	573.36	6.1	150	0.7	100	1.52	0.1953	0.8	0.87	0.8	26.1	0.011	HDPE
DNE 235-6	MH-1891	MH-1533	597.58	597.4	596.55	596.45	10	150	0.48	100	1.52	0.0559	0.8	0.88	0.8	14	0.011	HDPE
DNE 235-12	MH-671	MH-672	575.7	575.7	574.75	574.75	0.3	150	0.7	100	1.52	0.2045	0.8	0.8	0.8	27.6	0.011	HDPE
DNE 235-50	MH-1417	MH-1418	567.49	567.35	566.47	566.4	7	150	0.69	100	1.52	0.1897	0.8	0.88	0.8	25.8	0.011	HDPE
DNE 235-11	MH-681	MH-682	590.97	590.97	589.76	589.76	0.3	271	0.6	787	2.8863	1.5575	0.9	0.94	0.94	47.3	0.01	HDPE
DNE 235-23	MH-65	MH-66	581.4	581.4	580.08	580.08	0	150	0.21	(N/A)	0	0.0531	1.2	1.17	1.17	38.9	0.011	HDPE
DNE 235-7	MH-117	MH-118	583.88	583.88	582.93	582.93	0	150	0.11	(N/A)	0	0.0057	0.8	0.8	0.8	5.4	0.011	HDPE
DNE 235-11	MH-785	MH-786	590.28	590.28	588.97	588.97	0.5	150	0.6	123	1.369	0.1516	1.2	1.16	1.16	23.8	0.011	HDPE
DNE 235-2	MH-127	MH-128	595.61	595.61	594.63	594.63	0	175	0.6	(N/A)	0	0.5643	0.8	0.8	0.8	41.4	0.01	HDPE
DNE 235-4	MH-822	MH-823	585.3	585.28	583.61	583.61	0.6	400	0.64	1,000	6.573	3.8288	1.3	1.29	1.28	47.6	0.011	HDPE
DNE 235-52	MH-1567	MH-1568	575.63	575.61	574.36	574.28	7.9	150	0.6	105	1.4848	0.1239	1.1	1.12	1.17	23	0.011	HDPE
DNE 235-7	MH-177	MH-178	583.58	583.58	582.53	582.53	0	150	0.6	(N/A)	0	0.1443	0.9	0.91	0.9	48.2	0.011	HDPE
DNE 235-34	MH-193	MH-194	582.94	582.94	581.67	581.67	0	150	0.23	(N/A)	0	0.0746	1.1	1.11	1.11	28.2	0.011	HDPE
DNE 235-34	MH-873	MH-874	576.98	576.96	575.77	575.76	0.9	400	1.57	100	20.7858	4.6175	0.8	0.81	0.8	38.8	0.011	HDPE
DNE 235-58	MH-1615	MH-1616	582.68	582.47	581.6	581.52	8.2	150	0.9	100	1.52	0.486	0.9	0.93	0.8	42	0.011	HDPE
DNE 235-23	MH-885	MH-886	586.96	586.94	585.99	585.99	1	150	0.14	1,000	0.4807	0.0142	0.8	0.82	0.8	8.8	0.011	HDPE
DNE 235-6	MH-903	MH-916	595.92	595.94	594.97	594.99	7.4	150	0.6	293	0.8873	0.4707	0.8	0.8	0.8	48	0.011	HDPE
DNE 235-31	MH-191	MH-192	590.58	590.58	589.63	589.63	0	150	0.23	(N/A)	0	0.0736	0.8	0.8	0.8	27.2	0.011	HDPE
DNE 235-34	MH-227	MH-228	584.28	584.27	583.32	583.32	0	150	0.06	(N/A)	0	0.0009	0.8	0.8	0.8	2.3	0.011	HDPE
DNE 235-35	MH-947	MH-948	578.35	578.3	577.37	577.35	1.5	150	0.73	100	1.52	0.2337	0.8	0.83	0.8	28.9	0.011	HDPE
DNE 235-3	MH-261	MH-262	590.28	590.28	589.33	589.33	0	150	0.19	(N/A)	0	0.0177	0.8	0.8	0.8	9.2	0.011	HDPE
DNE 235-1	MH-1675	MH-1676	596.62	596.75	595.67	595.76	8.6	150	0.47	100	1.52	0.053	0.8	0.8	0.85	13.6	0.011	HDPE
DNE 235-4	MH-1019	MH-1020	586.43	586.37	584.84	584.84	2.8	400	0.63	1,000	6.573	3.6601	1.2	1.19	1.13	39	0.011	HDPE
DNE 235-10	MH-227	MH-1024	584.28	584.21	583.29	583.26	2.9	150	0.58	100	1.52	0.1053	0.8	0.84	0.8	19.2	0.011	HDPE
DNE 235-24	MH-248	MH-247	575.28	575.28	574.32	574.33	9.9	150	0.25	1,000	0.4807	0.0953	0.8	0.81	0.8	29.5	0.011	HDPE
DNE 235-6	MH-2190	MH-2191	598.06	597.9	597.07	596.95	11.8	150	0.44	100	1.52	0.0422	0.8	0.84	0.8	12.1	0.011	HDPE
DNE 235-6	MH-2192	MH-2193	598.01	597.83	596.99	596.88	11.8	150	0.79	100	1.52	0.3062	0.8	0.86	0.8	33	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-10	MH-1536	MH-1502	583.74	583.48	582.65	582.53	11.8	150	0.51	100	1.52	0.0673	0.9	0.93	0.8	15.3	0.011	HDPE
DNE 235-3	MH-1722	MH-1341	590.61	590.52	589.66	589.57	8.9	150	0.44	100	1.5173	0.0419	0.8	0.8	0.8	12.1	0.011	HDPE
DNE 235-32	MH-83	MH-84	591.42	591.42	590.42	590.47	10.7	150	0.6	252	0.9569	0.3776	0.8	0.84	0.8	44	0.011	HDPE
DNE 235-5	MH-1089	MH-1090	570.15	570.1	569.19	569.15	4	150	0.55	100	1.52	0.0865	0.8	0.81	0.8	17.4	0.011	HDPE
DNE 235-12	MH-1091	MH-1092	575.23	575.25	572.76	572.75	4	175	0.6	398	1.2635	0.5601	2.3	2.29	2.33	47.6	0.01	HDPE
DNE 235-2	MH-1285	MH-2236	595.86	595.67	594.84	594.72	12	150	0.62	100	1.52	0.1324	0.8	0.87	0.8	21.5	0.011	HDPE
DNE 235-10	MH-1103	MH-1099	583.1	583	582.09	582.05	4.1	150	0.56	100	1.52	0.0914	0.8	0.86	0.8	17.8	0.011	HDPE
DNE 235-33	MH-1112	MH-1113	591.57	591.57	590.62	590.59	4.1	150	0.6	149	1.2444	0.1918	0.8	0.8	0.82	28.4	0.011	HDPE
DNE 235-52	MH-1133	MH-1134	576.61	576.66	575.66	575.71	4.4	150	0.36	100	1.52	0.022	0.8	0.8	0.8	10.1	0.011	HDPE
DNE 235-56	MH-1140	MH-1141	576.45	576.4	575.5	575.45	4.5	150	0.86	100	1.52	0.4197	0.8	0.8	0.8	38.9	0.011	HDPE
DNE 235-33	MH-686	MH-272	592.84	592.72	590.96	591.07	15.6	150	0.6	140	1.284	0.1779	1.6	1.73	1.49	29	0.011	HDPE
DNE 235-56	MH-1188	MH-1189	578.26	578.14	577.24	577.19	5	150	0.55	100	1.52	0.0879	0.8	0.87	0.8	17.5	0.011	HDPE
DNE 235-8	MH-1224	MH-1225	581.78	581.73	580.74	580.71	5.5	217	0.85	230	2.9483	1.0066	0.8	0.83	0.8	41.2	0.01	HDPE
DNE 235-10	MH-1232	MH-1233	588.29	588.22	587.32	587.27	5.5	150	0.65	100	1.52	0.1581	0.8	0.81	0.8	23.5	0.011	HDPE
DNE 235-8	MH-1183	MH-1247	580.96	580.9	580.01	579.95	5.8	150	0.51	100	1.52	0.0664	0.8	0.8	0.8	16.7	0.011	HDPE
DNE 235-64	MH-481	MH-482	573.31	573.31	572.36	572.36	0.1	150	0.09	(N/A)	0	0.0037	0.8	0.8	0.8	4.4	0.011	HDPE
DNE 235-24	MH-1260	MH-1261	576.48	576.36	575.46	575.41	5.9	150	0.29	100	1.52	0.0108	0.8	0.86	0.8	6.3	0.011	HDPE
DNE 235-54	MH-1262	MH-1263	582.82	582.71	581.82	581.76	5.9	150	0.6	100	1.52	0.117	0.8	0.85	0.8	20.2	0.011	HDPE
DNE 235-54	MH-1280	MH-1281	582.41	582.33	581.44	581.38	6.1	150	0.63	100	1.52	0.1379	0.8	0.82	0.8	21.9	0.011	HDPE
DNE 235-9	MH-1282	MH-128	595.72	595.61	594.72	594.66	6.1	150	0.47	100	1.52	0.05	0.8	0.85	0.8	13.2	0.011	HDPE
DNE 235-2	MH-1284	MH-1285	595.97	595.86	594.97	594.91	6.1	150	0.61	100	1.52	0.1277	0.8	0.85	0.8	21.2	0.011	HDPE
DNE 235-23	MH-523	MH-524	580.89	580.89	579.94	579.94	0.1	150	0.22	(N/A)	0	0.0605	0.8	0.8	0.8	16.8	0.011	HDPE
DNE 235-11	MH-525	MH-526	590.46	590.46	588.55	588.55	0.1	150	0.6	(N/A)	0	0.3874	1.8	1.76	1.76	44.7	0.011	HDPE
DNE 235-33	MH-529	MH-530	593	592.99	592.05	592.04	0.1	150	0.34	(N/A)	0	0.0329	0.8	0.8	0.8	11.5	0.011	HDPE
DNE 235-9	MH-1549	MH-1702	579.91	579.71	578.89	578.76	12.9	150	0.28	100	1.52	0.0095	0.8	0.87	0.8	6.9	0.011	HDPE
DNE 235-53	MH-1320	MH-1321	585.26	585.09	584.18	584.13	6.3	150	0.6	146	1.2593	0.1861	0.9	0.93	0.81	26.7	0.011	HDPE
DNE 235-54	MH-1326	MH-1327	581.28	581.13	578.97	579.02	6.4	150	0.6	130	1.334	0.1602	2.1	2.16	1.96	26.2	0.011	HDPE
DNE 235-4	MH-1328	MH-1329	586.29	586.23	585.34	585.28	6.4	150	0.48	113	1.4291	0.0661	0.8	0.8	0.8	15.4	0.011	HDPE
DNE 235-7	MH-1332	MH-1333	584.94	584.75	583.87	583.8	6.4	150	0.75	100	1.52	0.25	0.9	0.92	0.8	29.7	0.011	HDPE
DNE 235-52	MH-1131	MH-1334	575.42	575.5	574.47	574.54	6.4	150	0.59	100	1.52	0.1134	0.8	0.8	0.81	19.9	0.011	HDPE
DNE 235-67	MH-587	MH-588	583.89	583.89	582.18	582.18	0.2	400	0.63	1,000	7.2303	2.7229	1.3	1.31	1.31	32	0.01	HDPE
DNE 235-51	MH-2383	MH-2384	572.38	572.29	571.05	571.02	13	150	0.6	357	0.8852	0.4743	1.1	1.18	1.12	52	0.01	HDPE
DNE 235-8	MH-318	MH-1526	582.08	582.24	581.13	581.23	10.2	150	0.39	100	1.52	0.0281	0.8	0.8	0.85	10	0.011	HDPE
DNE 235-10	MH-1930	MH-1278	589.16	589.04	588.19	588.09	10.3	150	0.53	100	1.52	0.075	0.8	0.82	0.8	16.2	0.011	HDPE
DNE 235-56	MH-1601	MH-1931	578.34	578.33	577.39	577.38	10.3	150	0.17	1,000	0.4807	0.0237	0.8	0.8	0.8	14.5	0.011	HDPE
DNE 235-34	MH-629	MH-630	580	579.99	578.8	578.79	0.2	400	1.51	100	20.7858	4.0637	0.8	0.8	0.8	37	0.011	HDPE
DNE 235-32	MH-633	MH-634	582.8	582.8	581.85	581.85	0.2	150	0.15	1,000	0.4807	0.0157	0.8	0.8	0.8	8.8	0.011	HDPE
DNE 235-56	MH-1397	MH-1398	579.01	578.89	578.01	577.94	6.8	150	0.41	100	1.52	0.0329	0.8	0.85	0.8	10.8	0.011	HDPE
DNE 235-52	MH-1408	MH-1409	574.3	574.35	573.08	573.08	7	150	0.24	1,000	0.4807	0.0835	1.1	1.07	1.12	29.4	0.011	HDPE
DNE 235-12	MH-1410	MH-1411	573.16	573.2	572.06	572.05	7	150	0.26	1,000	0.4807	0.1082	1	0.95	1	31.8	0.011	HDPE
DNE 235-52	MH-1412	MH-1133	576.58	576.61	575.63	575.66	7	150	0.3	208	1.0528	0.0271	0.8	0.8	0.8	11.5	0.011	HDPE
DNE 235-12	MH-1420	MH-1421	573.29	573.33	572.04	571.97	7	150	0.6	107	1.4719	0.1278	1.2	1.1	1.21	23.1	0.011	HDPE
DNE 235-58	MH-1978	MH-1979	580.92	580.67	579.82	579.72	10.6	150	0.95	100	1.52	0.5992	0.9	0.95	0.8	47	0.011	HDPE
DNE 235-55	MH-1438	MH-978	575.45	575.32	574.44	574.37	7.2	150	0.9	100	1.52	0.4856	0.8	0.87	0.8	42	0.011	HDPE
DNE 235-8	MH-1439	MH-1440	583.87	583.92	582.92	582.91	7.2	150	0.11	1,000	0.4807	0.0053	0.8	0.8	0.86	10.7	0.011	HDPE
DNE 235-32	MH-673	MH-674	592.27	592.27	588.02	588.02	0.3	271	0.6	790	2.88	1.5636	4	3.97	3.97	52.9	0.01	HDPE
DNE 235-55	MH-1461	MH-1985	575.18	574.94	574.1	573.99	10.6	150	0.96	100	1.52	0.627	0.9	0.93	0.8	48.1	0.011	HDPE
DNE 235-4	MH-1441	MH-1442	590.63	590.66	587.88	587.85	24.6	271	0.6	874	2.7377	1.8463	2.5	2.48	2.54	61	0.01	HDPE
DNE 235-4	MH-1449	MH-1450	587.13	586.99	586.12	586.04	7.2	150	0.45	100	1.52	0.0445	0.8	0.87	0.8	12.5	0.011	HDPE
DNE 235-6	MH-43	MH-44	595.23	595.23	592.6	592.58	10.3	217	0.6	683	1.713	1.2969	2.4	2.41	2.43	63	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-5	MH-1455	MH-1456	571.25	571.19	570.3	570.24	7.2	150	0.38	113	1.4268	0.03	0.8	0.8	0.8	16.4	0.011	HDPE
DNE 235-6	MH-2003	MH-1393	595.86	595.67	594.82	594.72	10.7	150	0.63	100	1.52	0.14	0.8	0.89	0.8	22.1	0.011	HDPE
DNE 235-32	MH-705	MH-706	592.3	592.3	588.43	588.43	0.3	217	0.6	542	1.9231	0.8882	3.6	3.65	3.65	47.8	0.01	HDPE
DNE 235-2	MH-1832	MH-2020	594.98	594.82	593.98	593.87	10.8	150	0.67	100	1.52	0.1682	0.8	0.85	0.8	24.2	0.011	HDPE
DNE 235-5	MH-723	MH-724	569.97	569.97	569.02	569.02	0.3	150	0.35	227	1.0089	0.0507	0.8	0.8	0.8	14.6	0.011	HDPE
DNE 235-5	MH-1401	MH-1485	571.3	571.22	570.21	570.2	7.5	150	0.23	1,000	0.4807	0.073	0.9	0.94	0.88	26.6	0.011	HDPE
DNE 235-4	MH-1146	MH-1449	587.24	587.13	586.26	586.18	7.5	150	0.43	100	1.52	0.0397	0.8	0.83	0.8	11.8	0.011	HDPE
DNE 235-56	MH-1491	MH-1492	579.52	579.4	578.52	578.45	7.5	150	0.36	100	1.52	0.0212	0.8	0.85	0.8	8.7	0.011	HDPE
DNE 235-56	MH-1647	MH-1451	574.9	574.6	573.79	573.65	13.5	150	0.66	100	1.52	0.1652	0.9	0.96	0.8	24.1	0.011	HDPE
DNE 235-24	MH-1496	MH-1497	575.6	575.45	574.57	574.5	7.5	150	0.43	100	1.52	0.0373	0.8	0.88	0.8	17.7	0.011	HDPE
DNE 235-55	MH-1059	MH-1501	576.06	576.04	575.1	575.09	7.6	150	0.19	959	0.4909	0.0354	0.8	0.81	0.8	20.9	0.011	HDPE
DNE 235-5	MH-1504	MH-1505	570.01	569.96	569.06	569.01	7.6	150	0.48	174	1.1519	0.1106	0.8	0.8	0.8	21.9	0.011	HDPE
DNE 235-6	MH-763	MH-764	596.74	596.73	595.79	595.78	0.4	150	0.81	100	1.52	0.3372	0.8	0.8	0.8	36	0.011	HDPE
DNE 235-3	MH-765	MH-766	587.25	587.24	585.68	585.68	0.4	271	0.6	952	2.6245	2.1761	1.3	1.29	1.28	60.5	0.01	HDPE
DNE 235-55	MH-1363	MH-1522	575.17	575.14	573.97	573.94	7.7	400	1.05	259	12.9152	3.8508	0.8	0.8	0.8	37.2	0.011	HDPE
DNE 235-8	MH-1526	MH-1375	582.24	582.38	581.29	581.36	7.7	150	0.37	100	1.52	0.0229	0.8	0.8	0.87	9	0.011	HDPE
DNE 235-8	MH-1306	MH-1527	583.69	583.53	582.66	582.58	7.7	150	0.59	100	1.52	0.1126	0.8	0.88	0.8	19.8	0.011	HDPE
DNE 235-55	MH-2071	MH-2072	574.99	574.76	573.92	573.81	11.1	150	0.96	100	1.52	0.6251	0.9	0.92	0.8	48	0.011	HDPE
DNE 235-3	MH-1242	MH-1540	587.64	587.45	586.23	586.22	7.8	271	0.6	932	2.6524	2.0808	1.1	1.14	0.97	50.3	0.01	HDPE
DNE 235-51	MH-787	MH-788	564.8	564.8	563.85	563.85	0.5	150	0.16	1,000	0.4807	0.0228	0.8	0.8	0.8	10.7	0.011	HDPE
DNE 235-30	MH-99	MH-100	591.67	591.67	590.65	590.65	0	217	0.6	(N/A)	0	0.8133	0.8	0.8	0.8	37.8	0.01	HDPE
DNE 235-7	MH-109	MH-110	586.61	586.61	585.39	585.39	0	150	0.6	(N/A)	0	0.2382	1.1	1.07	1.07	31.5	0.011	HDPE
DNE 235-5	MH-1561	MH-1562	570.3	570.22	569.35	569.27	7.9	150	0.5	100	1.52	0.0621	0.8	0.81	0.8	16.4	0.011	HDPE
DNE 235-31	MH-119	MH-120	586.46	586.46	585.51	585.51	0	150	0.16	(N/A)	0	0.0213	0.8	0.8	0.8	10.2	0.011	HDPE
DNE 235-7	MH-1431	MH-1585	584.5	584.27	583.4	583.32	8	150	0.56	100	1.52	0.0948	0.9	0.95	0.8	18.2	0.011	HDPE
DNE 235-8	MH-332	MH-2103	583.66	583.53	582.43	582.4	11.3	175	0.6	424	1.2255	0.6126	1	1.05	0.95	45.7	0.01	HDPE
DNE 235-11	MH-844	MH-845	591.56	591.55	590.33	590.29	10.7	150	0.37	279	0.9096	0.0768	1.1	1.08	1.1	21.9	0.011	HDPE
DNE 235-5	MH-791	MH-790	567.75	567.76	566.73	566.81	12.1	150	0.6	150	1.2393	0.1939	0.8	0.88	0.8	29.2	0.011	HDPE
DNE 235-7	MH-139	MH-140	586.59	586.59	585.64	585.64	0	150	0.09	(N/A)	0	0.003	0.8	0.8	0.8	4	0.011	HDPE
DNE 235-12	MH-141	MH-142	584.6	584.6	583.65	583.65	0	150	0.08	(N/A)	0	0.0025	0.8	0.8	0.8	3.7	0.011	HDPE
DNE 235-3	MH-1596	MH-1597	590.73	590.63	589.76	589.68	8.1	150	0.55	100	1.52	0.0858	0.8	0.82	0.8	17.3	0.011	HDPE
DNE 235-7	MH-145	MH-146	586.71	586.71	585.69	585.69	0	150	0.6	(N/A)	0	0.1291	0.9	0.87	0.87	21.9	0.011	HDPE
DNE 235-11	MH-682	MH-1602	590.97	590.86	589.76	589.75	8.1	271	0.6	790	2.8801	1.5639	0.9	0.94	0.84	43.1	0.01	HDPE
DNE 235-24	MH-1603	MH-475	576.4	576.38	575.45	575.43	8.1	150	0.16	315	0.8564	0.005	0.8	0.8	0.8	7.3	0.011	HDPE
DNE 235-33	MH-855	MH-856	591.59	591.59	590.46	590.45	0.8	150	0.6	197	1.083	0.2705	1	0.98	0.99	34.1	0.011	HDPE
DNE 235-1	MH-862	MH-863	593.39	593.4	592.31	592.33	13.2	271	0.6	925	2.6618	2.0529	0.8	0.8	0.8	50.9	0.01	HDPE
DNE 235-4	MH-1732	MH-221	590.28	590.03	587.67	587.66	11.4	271	0.6	959	2.6147	2.221	2.2	2.34	2.1	62.3	0.01	HDPE
DNE 235-32	MH-1629	MH-1630	591.23	591.28	589.62	589.61	8.3	150	0.17	1,000	0.4807	0.0246	1.5	1.46	1.52	16.9	0.011	HDPE
DNE 235-2	MH-2133	MH-2134	597.63	597.77	596.68	596.79	11.5	150	0.31	100	1.52	0.0139	0.8	0.8	0.82	7.1	0.011	HDPE
DNE 235-3	MH-1540	MH-765	587.45	587.25	586.22	586.18	8.3	271	1.08	196	5.7805	2.0863	0.9	0.97	0.8	43.1	0.01	HDPE
DNE 235-35	MH-895	MH-896	572.79	572.78	571.84	571.83	1.1	150	0.44	139	1.2906	0.0626	0.8	0.8	0.8	16.6	0.011	HDPE
DNE 235-34	MH-1650	MH-1651	587.57	587.65	586.62	586.45	18.1	150	0.6	107	1.4702	0.1281	0.9	0.8	1.06	23.7	0.011	HDPE
DNE 235-8	MH-1527	MH-1476	583.53	583.31	582.47	582.36	11.6	150	0.61	100	1.52	0.1248	0.9	0.91	0.8	20.9	0.011	HDPE
DNE 235-33	MH-209	MH-210	592.61	592.61	591.66	591.66	0	150	0.15	(N/A)	0	0.0175	0.8	0.8	0.8	9.2	0.011	HDPE
DNE 235-4	MH-1667	MH-1452	586.71	586.61	585.75	585.66	8.5	150	0.46	100	1.52	0.0484	0.8	0.81	0.8	13	0.011	HDPE
DNE 235-31	MH-217	MH-218	591.02	591.02	590	590.07	16.7	150	0.6	223	1.0185	0.3187	0.8	0.87	0.8	37.3	0.011	HDPE
DNE 235-34	MH-950	MH-951	585.8	585.76	584.8	584.78	1.6	175	1.34	100	2.5221	1.7914	0.8	0.83	0.8	69.4	0.01	HDPE
DNE 235-10	MH-952	MH-227	584.31	584.28	583.34	583.33	1.6	150	0.29	100	1.52	0.0109	0.8	0.82	0.8	6.3	0.011	HDPE
DNE 235-33	MH-965	MH-966	591.75	591.75	590.33	590.32	1.7	150	0.6	246	0.9697	0.3643	1.3	1.27	1.29	42.3	0.011	HDPE
DNE 235-54	MH-2174	MH-2175	582.09	582.02	578.52	578.48	11.7	150	0.6	254	0.953	0.3818	3.4	3.42	3.39	44.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-6	MH-979	MH-980	597.01	596.98	596.06	595.97	23.9	150	0.6	259	0.944	0.3918	0.8	0.8	0.86	42.5	0.011	HDPE
DNE 235-7	MH-981	MH-982	589.28	589.23	588.3	588.28	2	150	0.22	100	1.52	0.0041	0.8	0.83	0.8	3.9	0.011	HDPE
DNE 235-8	MH-251	MH-252	580.72	580.72	578.82	578.86	8.1	150	0.6	171	1.1628	0.2281	1.7	1.76	1.71	30.2	0.011	HDPE
DNE 235-33	MH-987	MH-988	592.14	592.15	590.11	590.1	2.1	175	0.6	390	1.2767	0.5431	1.9	1.85	1.88	45.2	0.01	HDPE
DNE 235-23	MH-677	MH-995	585.72	585.75	584.24	584.22	2.3	150	0.6	136	1.3011	0.1698	1.4	1.33	1.38	27.9	0.011	HDPE
DNE 235-52	MH-1704	MH-1705	575.55	575.55	574.18	574.1	8.8	150	0.6	119	1.3911	0.1455	1.3	1.23	1.29	24.8	0.011	HDPE
DNE 235-33	MH-530	MH-1005	592.99	592.97	590.83	590.84	2.5	150	0.6	176	1.1454	0.2366	2	2.02	1.98	33	0.011	HDPE
DNE 235-6	MH-1716	MH-1717	595.02	595.19	594.07	594.24	24.4	150	0.51	147	1.2549	0.1057	0.8	0.8	0.8	21.7	0.011	HDPE
DNE 235-24	MH-1008	MH-1009	583.93	583.93	582.86	582.85	2.5	271	1.01	274	4.894	2.551	0.8	0.8	0.8	50.3	0.01	HDPE
DNE 235-32	MH-275	MH-276	591.62	591.62	588.81	588.81	0	150	0.6	(N/A)	0	0.1833	2.7	2.65	2.65	28.8	0.011	HDPE
DNE 235-7	MH-1721	MH-1654	587.19	586.97	586.11	586.02	8.9	150	0.45	100	1.52	0.0446	0.9	0.93	0.8	12.5	0.011	HDPE
DNE 235-54	MH-1050	MH-1731	581.05	580.95	578.16	578.14	9	175	0.6	484	1.1465	0.7583	2.7	2.71	2.64	59.6	0.01	HDPE
DNE 235-4	MH-1468	MH-1732	590.48	590.28	587.68	587.67	9	271	0.6	957	2.6164	2.216	2.4	2.53	2.34	64.1	0.01	HDPE
DNE 235-7	MH-2224	MH-1890	583.85	583.54	582.71	582.59	11.9	150	0.62	100	1.52	0.1338	0.9	0.99	0.8	21.6	0.011	HDPE
DNE 235-54	MH-1049	MH-1050	581.08	581.05	578.19	578.18	3.5	150	0.6	370	0.8691	0.502	2.7	2.74	2.71	52.8	0.01	HDPE
DNE 235-10	MH-1649	MH-1742	590	589.88	589.03	588.93	9	150	0.49	100	1.52	0.0585	0.8	0.82	0.8	14.3	0.011	HDPE
DNE 235-6	MH-1748	MH-1749	583.8	583.91	582.85	582.78	9	150	0.39	120	1.3861	0.0345	0.9	0.8	0.98	12.4	0.011	HDPE
DNE 235-55	MH-1058	MH-1059	576.07	576.06	575.1	575.1	3.7	150	0.12	1,000	0.4807	0.0072	0.8	0.82	0.81	18.5	0.011	HDPE
DNE 235-7	MH-2244	MH-2245	589.2	588.9	588.07	587.95	12.1	150	0.29	100	1.52	0.0109	0.9	0.98	0.8	6.3	0.011	HDPE
DNE 235-53	MH-1065	MH-1066	575.25	575.21	572.18	572.18	3.8	400	0.65	1,000	6.573	4	2.7	2.67	2.63	56	0.011	HDPE
DNE 235-2	MH-1069	MH-1070	598.12	598.06	597.15	597.11	3.8	150	0.52	100	1.52	0.0749	0.8	0.82	0.8	16.2	0.011	HDPE
DNE 235-3	MH-1076	MH-1077	590.42	590.35	589.44	589.4	3.9	150	0.46	100	1.52	0.0483	0.8	0.83	0.8	13	0.011	HDPE
DNE 235-57	MH-1079	MH-1080	577.12	577.13	575.96	575.95	3.9	150	0.18	1,000	0.4807	0.0312	1	1.02	1.03	39.2	0.011	HDPE
DNE 235-2	MH-1070	MH-1081	598.06	598	597.09	597.05	4	150	0.61	100	1.52	0.122	0.8	0.82	0.8	20.6	0.011	HDPE
DNE 235-8	MH-317	MH-318	582.08	582.08	580.77	580.77	0	217	0.6	(N/A)	0	0.9696	1.1	1.1	1.09	50.9	0.01	HDPE
DNE 235-24	MH-1261	MH-1520	576.36	576.17	575.31	575.22	9.1	150	0.32	100	1.52	0.015	0.8	0.89	0.8	7.4	0.011	HDPE
DNE 235-2	MH-1391	MH-1069	598.26	598.12	597.26	597.17	9.2	150	0.52	100	1.52	0.0723	0.8	0.85	0.8	15.9	0.011	HDPE
DNE 235-32	MH-243	MH-2663	583.64	583.36	581.37	581.3	13.9	150	0.6	211	1.0454	0.2961	2	2.12	1.91	36.4	0.011	HDPE
DNE 235-8	MH-1095	MH-1096	580.62	580.59	579.67	579.64	9.5	150	0.36	294	0.887	0.0744	0.8	0.8	0.8	18.4	0.011	HDPE
DNE 235-10	MH-1099	MH-1100	583	582.94	582.03	581.99	4.1	150	0.57	100	1.52	0.0997	0.8	0.82	0.8	18.7	0.011	HDPE
DNE 235-3	MH-890	MH-2269	588.88	589.06	587.68	587.71	11.5	175	0.6	434	1.2101	0.6369	1.1	1.02	1.18	50.8	0.01	HDPE
DNE 235-24	MH-1009	MH-588	583.93	583.89	582.19	582.18	12.1	400	0.63	1,000	7.2303	2.7096	1.3	1.33	1.31	35.5	0.01	HDPE
DNE 235-31	MH-1780	MH-1781	587.6	587.61	586.65	586.64	9.2	150	0.13	1,000	0.4807	0.0104	0.8	0.8	0.82	8.2	0.011	HDPE
DNE 235-57	MH-1784	MH-1785	572.14	572.02	571.04	570.95	9.2	271	1.37	100	8.0956	2.0044	0.8	0.82	0.8	39	0.01	HDPE
DNE 235-67	MH-1092	MH-1109	575.25	575.23	572.75	572.74	4.1	175	0.6	400	1.2618	0.5624	2.3	2.33	2.32	49.4	0.01	HDPE
DNE 235-14	MH-347	MH-348	591.43	591.44	590.48	590.48	0.1	150	0.13	(N/A)	0	0.0108	0.8	0.8	0.8	7.3	0.011	HDPE
DNE 235-6	MH-349	MH-350	596.4	596.4	595.45	595.45	0.1	150	0.23	(N/A)	0	0.0169	0.8	0.8	0.8	8.6	0.011	HDPE
DNE 235-10	MH-1312	MH-1794	586.8	586.56	585.7	585.61	9.4	150	0.56	100	1.52	0.0916	0.9	0.94	0.8	17.9	0.011	HDPE
DNE 235-52	MH-1130	MH-1131	575.43	575.42	572.67	572.66	4.4	150	0.6	254	0.9531	0.3817	2.6	2.61	2.62	49.8	0.011	HDPE
DNE 235-6	MH-1138	MH-1139	582.47	582.51	581.52	581.51	4.5	150	0.25	1,000	0.4807	0.0924	0.8	0.8	0.85	23	0.011	HDPE
DNE 235-56	MH-1143	MH-1144	578.48	578.37	577.46	577.42	4.6	150	0.47	100	1.52	0.0523	0.8	0.86	0.8	13.5	0.011	HDPE
DNE 235-4	MH-1145	MH-1146	587.29	587.24	586.34	586.29	4.6	150	0.42	100	1.52	0.0348	0.8	0.81	0.8	11.1	0.011	HDPE
DNE 235-11	MH-1901	MH-2298	591.86	591.65	590.82	590.7	12.3	150	0.61	100	1.52	0.127	0.8	0.89	0.8	21.1	0.011	HDPE
DNE 235-23	MH-1151	MH-475	576.47	576.38	575.47	575.43	4.7	150	0.26	100	1.52	0.0075	0.8	0.85	0.8	7.3	0.011	HDPE
DNE 235-2	MH-1157	MH-1158	597.88	597.8	596.9	596.85	4.7	150	0.61	100	1.52	0.1269	0.8	0.83	0.8	21.1	0.011	HDPE
DNE 235-2	MH-1424	MH-1832	595.17	594.98	594.13	594.03	9.6	150	0.66	100	1.52	0.1632	0.8	0.89	0.8	23.9	0.011	HDPE
DNE 235-35	MH-1191	MH-47	575.12	575.04	574.15	574.09	5.1	150	0.39	100	1.52	0.0275	0.8	0.82	0.8	9.8	0.011	HDPE
DNE 235-10	MH-1199	MH-1200	584.1	583.99	583.09	583.04	5.2	150	0.59	100	1.52	0.1107	0.8	0.86	0.8	19.6	0.011	HDPE
DNE 235-10	MH-1201	MH-1202	583.78	583.72	582.81	582.77	4.4	150	0.61	100	1.52	0.1244	0.8	0.82	0.8	20.8	0.011	HDPE
DNE 235-4	MH-1203	MH-899	584.91	584.77	582.56	582.53	15	217	0.6	521	1.9607	0.8379	2.1	2.13	2.02	41.1	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-55	MH-1204	MH-1205	579.05	578.93	578.03	577.98	5.2	150	0.73	100	1.52	0.2341	0.8	0.87	0.8	28.7	0.011	HDPE
DNE 235-3	MH-1206	MH-1207	589.44	589.44	588.49	588.44	9.5	150	0.43	200	1.0757	0.0833	0.8	0.8	0.84	28	0.011	HDPE
DNE 235-2	MH-1213	MH-1214	593.89	593.85	592.94	592.9	5.3	150	0.42	117	1.4027	0.0423	0.8	0.8	0.8	12.4	0.011	HDPE
DNE 235-35	MH-1852	MH-1853	572.44	572.64	571.45	571.44	9.8	150	0.17	1,000	0.4807	0.0269	0.9	0.84	1.05	19.1	0.011	HDPE
DNE 235-35	MH-423	MH-424	577.13	577.13	575.36	575.36	0.1	150	0.6	(N/A)	0	0.3776	1.6	1.63	1.63	43.6	0.011	HDPE
DNE 235-23	MH-429	MH-430	576.16	576.16	575.21	575.21	0.1	150	0.12	(N/A)	0	0.009	0.8	0.8	0.8	6.7	0.011	HDPE
DNE 235-51	MH-1243	MH-1244	568.84	568.83	567.59	567.57	5.7	150	0.6	372	0.8668	0.5062	1.1	1.1	1.1	50	0.01	HDPE
DNE 235-8	MH-1225	MH-1245	581.73	581.71	580.71	580.69	5.7	217	0.84	241	2.8807	1.0119	0.8	0.8	0.8	40.9	0.01	HDPE
DNE 235-4	MH-1246	MH-1145	587.37	587.29	586.4	586.34	5.8	150	0.4	100	1.52	0.0307	0.8	0.82	0.8	10.4	0.011	HDPE
DNE 235-8	MH-1610	MH-1710	589.32	589.35	588.37	588.36	9.8	150	0.21	1,000	0.4807	0.056	0.8	0.8	0.84	24.2	0.011	HDPE
DNE 235-11	MH-445	MH-446	591.74	591.74	590.79	590.79	0.1	150	0.11	(N/A)	0	0.0033	0.8	0.8	0.8	4.2	0.011	HDPE
DNE 235-66	MH-1875	MH-1638	569.17	569.36	567.56	567.54	9.9	175	0.6	443	1.1978	0.6573	1.5	1.43	1.64	52.4	0.01	HDPE
DNE 235-8	MH-1258	MH-1259	583.78	583.63	582.74	582.68	5.9	150	0.85	100	1.52	0.3981	0.8	0.89	0.8	37.8	0.011	HDPE
DNE 235-6	MH-2762	MH-2587	593.63	593.3	592.5	592.35	15.4	150	0.43	100	1.52	0.0382	0.9	0.98	0.8	11.6	0.011	HDPE
DNE 235-5	MH-1267	MH-1268	571.37	571.48	570.23	570.22	6	150	0.21	1,000	0.4807	0.0513	1	0.99	1.11	23.8	0.011	HDPE
DNE 235-9	MH-1274	MH-1275	580.32	580.19	579.23	579.17	6.1	217	1.15	100	4.476	1.0124	0.8	0.88	0.8	36.8	0.01	HDPE
DNE 235-55	MH-2194	MH-877	579.31	579.53	578.36	578.35	5.7	150	0.22	1,000	0.4807	0.0627	0.9	0.8	1.02	23.7	0.011	HDPE
DNE 235-34	MH-495	MH-496	583.12	583.12	581.65	581.65	0.1	150	0.6	(N/A)	0	0.1226	1.3	1.32	1.32	22.7	0.011	HDPE
DNE 235-53	MH-1895	MH-1896	575.18	575.32	572.91	572.84	10.1	150	0.6	136	1.3042	0.1721	2.2	2.11	2.34	26.7	0.011	HDPE
DNE 235-24	MH-1521	MH-1859	576.01	575.8	574.95	574.85	10.1	150	0.38	100	1.52	0.0265	0.9	0.91	0.8	9.7	0.011	HDPE
DNE 235-56	MH-1292	MH-1293	574.2	574.07	573.18	573.12	6.1	150	0.61	100	1.52	0.1286	0.8	0.88	0.8	21.2	0.011	HDPE
DNE 235-65	MH-1898	MH-1040	569.72	569.66	568.77	568.71	10.1	150	0.49	175	1.1492	0.1163	0.8	0.8	0.8	31.6	0.011	HDPE
DNE 235-52	MH-1302	MH-1303	573.27	573.38	572.32	572.43	20.3	150	0.65	184	1.1201	0.3355	0.8	0.8	0.8	37.3	0.011	HDPE
DNE 235-24	MH-430	MH-1309	576.16	576.26	575.21	575.27	6.3	150	0.25	100	1.52	0.0071	0.8	0.8	0.84	6.4	0.011	HDPE
DNE 235-2	MH-1313	MH-1314	595.46	595.4	594.42	594.37	6.3	150	0.6	124	1.3652	0.1529	0.9	0.89	0.88	25.1	0.011	HDPE
DNE 235-11	MH-1317	MH-1318	592.2	592.14	589.97	589.96	6.3	217	0.6	671	1.7282	1.2531	2	2.02	1.96	62.8	0.01	HDPE
DNE 235-2	MH-1319	MH-1012	596.54	596.65	595.59	595.65	6.3	150	0.49	100	1.52	0.0597	0.8	0.8	0.85	15.8	0.011	HDPE
DNE 235-5	MH-1268	MH-1400	571.48	571.38	570.22	570.21	10.2	150	0.22	1,000	0.4807	0.0626	1.1	1.11	1.01	25.1	0.011	HDPE
DNE 235-56	MH-1342	MH-1188	578.41	578.26	577.37	577.31	6.5	150	0.54	100	1.52	0.0844	0.8	0.89	0.8	17.2	0.011	HDPE
DNE 235-55	MH-1348	MH-1058	576.06	576.07	575.11	575.1	6.5	150	0.1	1,000	0.4807	0.0041	0.8	0.8	0.82	15.2	0.011	HDPE
DNE 235-56	MH-1349	MH-1350	579.16	579.05	578.17	578.1	6.6	150	0.41	100	1.52	0.0326	0.8	0.84	0.8	10.7	0.011	HDPE
DNE 235-35	MH-1351	MH-1352	573.41	573.45	572.46	572.42	6.6	150	0.41	141	1.2794	0.0491	0.8	0.8	0.88	15.2	0.011	HDPE
DNE 235-6	MH-1938	MH-763	596.96	596.74	595.89	595.79	10.3	150	0.59	100	1.52	0.1128	0.9	0.91	0.8	28.4	0.011	HDPE
DNE 235-51	MH-1355	MH-1356	570.75	570.76	569.45	569.45	6.6	500	0.8	1,000	11.9177	9.8	0.8	0.8	0.82	67.7	0.011	HDPE
DNE 235-56	MH-1359	MH-1360	575.23	575.09	574.2	574.14	6.6	150	0.64	100	1.52	0.1442	0.8	0.88	0.8	22.4	0.011	HDPE
DNE 235-55	MH-1362	MH-1363	575.22	575.17	574.02	573.97	6.6	400	1.31	141	17.5028	3.8433	0.8	0.8	0.8	37.3	0.011	HDPE
DNE 235-9	MH-354	MH-1949	579.86	579.7	578.85	578.75	10.4	150	0.7	100	1.52	0.1976	0.8	0.85	0.8	26.3	0.011	HDPE
DNE 235-8	MH-1375	MH-1376	582.38	582.51	581.43	581.49	6.7	150	0.33	100	1.52	0.017	0.8	0.8	0.87	7.8	0.011	HDPE
DNE 235-10	MH-1202	MH-244	583.72	583.64	582.74	582.69	5.2	150	0.61	100	1.52	0.1279	0.8	0.83	0.8	23.9	0.011	HDPE
DNE 235-2	MH-595	MH-596	595.92	595.92	594.97	594.91	10.7	150	0.78	182	1.2399	0.4864	0.8	0.8	0.86	47.3	0.01	HDPE
DNE 235-19	MH-1964	MH-1965	578.92	579.18	577.97	578.08	10.5	150	0.93	100	1.52	0.5459	0.9	0.8	0.95	44.7	0.011	HDPE
DNE 235-56	MH-1922	MH-1966	575.25	575.02	574.18	574.07	10.5	150	0.54	100	1.52	0.0836	0.9	0.93	0.8	17.1	0.011	HDPE
DNE 235-57	MH-1386	MH-1387	574.7	574.58	573.69	573.63	6.8	150	0.56	100	1.52	0.0934	0.8	0.86	0.8	18	0.011	HDPE
DNE 235-2	MH-1390	MH-1391	598.38	598.26	597.37	597.31	6.8	150	0.52	100	1.52	0.0693	0.8	0.86	0.8	15.5	0.011	HDPE
DNE 235-18	MH-840	MH-1392	585.39	585.47	584.44	584.5	6.7	150	0.44	100	1.52	0.0431	0.8	0.8	0.82	23.9	0.011	HDPE
DNE 235-6	MH-1393	MH-1394	595.67	595.58	594.69	594.63	6.8	150	0.64	100	1.52	0.147	0.8	0.82	0.8	22.7	0.011	HDPE
DNE 235-9	MH-1971	MH-1582	590.01	590.1	588.84	588.83	10.6	150	0.23	1,000	0.4807	0.0761	1.1	1.02	1.12	26.1	0.011	HDPE
DNE 235-8	MH-1399	MH-1305	583.92	583.81	582.9	582.86	6.9	150	0.41	183	1.1252	0.0684	0.8	0.87	0.8	16.6	0.011	HDPE
DNE 235-5	MH-1400	MH-1401	571.38	571.3	570.21	570.21	6.9	150	0.23	1,000	0.4807	0.0678	1	1.01	0.94	26	0.011	HDPE
DNE 235-10	MH-617	MH-618	588.43	588.43	587.48	587.45	4.7	150	0.49	129	1.3378	0.0788	0.8	0.8	0.83	21.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-23	MH-1982	MH-66	581.04	581.4	580.09	580.08	10.6	150	0.2	1,000	0.4807	0.0453	1	0.8	1.17	35.6	0.011	HDPE
DNE 235-52	MH-1413	MH-1414	576.1	575.96	575.01	574.94	7	217	1.49	100	4.476	2.7086	0.8	0.87	0.8	62.8	0.01	HDPE
DNE 235-53	MH-1983	MH-1984	578.69	578.55	576.22	576.21	10.6	271	0.6	812	2.8416	1.6294	2.1	2.19	2.07	51.7	0.01	HDPE
DNE 235-61	MH-1986	MH-1748	584.05	583.8	582.96	582.85	10.6	150	0.38	100	1.52	0.0251	0.9	0.94	0.8	10.9	0.011	HDPE
DNE 235-53	MH-1987	MH-1065	575.36	575.25	573.43	573.42	10.7	400	0.62	1,000	6.573	3.4358	1.5	1.52	1.43	39.6	0.011	HDPE
DNE 235-71	MH-1430	MH-1431	584.71	584.5	583.62	583.55	7.1	150	0.56	100	1.52	0.0908	0.9	0.93	0.8	17.8	0.011	HDPE
DNE 235-31	MH-1432	MH-1433	585.92	585.83	584.95	584.88	7.1	150	0.73	100	1.52	0.2341	0.8	0.83	0.8	28.7	0.011	HDPE
DNE 235-7	MH-1467	MH-1377	588.66	588.39	587.55	587.44	10.7	150	0.57	100	1.52	0.0983	0.9	0.96	0.8	18.5	0.011	HDPE
DNE 235-32	MH-2864	MH-739	591.54	591.74	589.58	589.57	16	150	0.21	1,000	0.4807	0.0496	1.9	1.8	2.02	27.6	0.011	HDPE
DNE 235-67	MH-2004	MH-2005	573.76	573.54	572.11	572.1	10.7	400	0.67	1,000	6.573	4.6492	1.1	1.24	1.03	46.2	0.011	HDPE
DNE 235-35	MH-661	MH-662	569.38	569.37	567.75	567.75	0.2	175	0.6	415	1.2384	0.5939	1.4	1.45	1.44	48.9	0.01	HDPE
DNE 235-52	MH-1273	MH-1454	571.58	571.63	570.56	570.54	7.2	150	0.6	358	0.8834	0.4755	0.9	0.87	0.94	52.1	0.01	HDPE
DNE 235-51	MH-1459	MH-1460	568.41	568.32	567.44	567.37	7.2	150	0.72	100	1.52	0.2184	0.8	0.82	0.8	27.7	0.011	HDPE
DNE 235-55	MH-978	MH-1461	575.32	575.18	574.3	574.23	7.3	150	0.95	100	1.52	0.6035	0.8	0.87	0.8	47.1	0.011	HDPE
DNE 235-71	MH-1466	MH-1467	588.83	588.66	587.78	587.71	7.3	150	0.56	100	1.52	0.0952	0.8	0.9	0.8	18.2	0.011	HDPE
DNE 235-11	MH-1469	MH-1470	595.68	595.81	594.73	594.8	7.3	150	0.66	100	1.52	0.1671	0.8	0.8	0.85	24.2	0.011	HDPE
DNE 235-33	MH-685	MH-686	592.84	592.84	591.89	591.89	0.3	150	0.4	100	1.52	0.0308	0.8	0.8	0.8	10.5	0.011	HDPE
DNE 235-53	MH-1477	MH-1478	576.12	576.08	575.17	575.13	7.4	150	0.27	175	1.15	0.0154	0.8	0.8	0.8	8.5	0.011	HDPE
DNE 235-57	MH-2485	MH-2486	576.86	576.68	575.87	575.73	13.6	150	0.27	100	1.52	0.0082	0.8	0.84	0.8	5.5	0.011	HDPE
DNE 235-51	MH-2040	MH-1752	594.28	594.09	593.25	593.14	10.9	150	0.6	100	1.52	0.1165	0.8	0.88	0.8	20.1	0.011	HDPE
DNE 235-55	MH-1501	MH-1761	576.04	576.04	575.09	575.08	10.9	150	0.2	1,000	0.4807	0.046	0.8	0.8	0.81	24	0.011	HDPE
DNE 235-55	MH-1494	MH-1495	577.56	577.38	576.51	576.43	7.5	150	0.81	100	1.52	0.3353	0.9	0.91	0.8	34.6	0.011	HDPE
DNE 235-24	MH-281	MH-282	579.91	579.91	578.96	578.96	0	150	0.23	(N/A)	0	0.0454	0.8	0.8	0.8	14.5	0.011	HDPE
DNE 235-54	MH-2775	MH-1262	583.05	582.82	582.03	581.87	16.3	150	0.58	100	1.52	0.1041	0.8	0.86	0.8	19.1	0.011	HDPE
DNE 235-10	MH-1502	MH-1503	583.48	583.3	582.43	582.35	7.6	150	0.52	100	1.52	0.0746	0.9	0.9	0.8	16.1	0.011	HDPE
DNE 235-10	MH-2055	MH-2056	584.28	584.05	583.21	583.1	11	150	0.8	100	1.52	0.3132	0.9	0.92	0.8	36.6	0.011	HDPE
DNE 235-54	MH-918	MH-1507	581.53	581.36	580.18	580.16	7.6	217	0.7	458	2.0908	1.3104	1.1	1.13	0.98	51.2	0.01	HDPE
DNE 235-8	MH-1508	MH-1509	589.56	589.61	588.32	588.31	7.6	150	0.24	1,000	0.4807	0.0875	1.1	1.1	1.16	35.3	0.011	HDPE
DNE 235-51	MH-2065	MH-2066	568	567.82	566.98	566.87	11	150	0.6	100	1.52	0.1153	0.8	0.88	0.8	20	0.011	HDPE
DNE 235-31	MH-1821	MH-2070	591.52	591.37	590.53	590.42	11.1	150	0.44	100	1.52	0.0432	0.8	0.84	0.8	12.3	0.011	HDPE
DNE 235-23	MH-745	MH-746	584.97	584.98	581.11	581.07	21.5	175	0.6	477	1.1547	0.7399	3.7	3.69	3.73	58	0.01	HDPE
DNE 235-21	MH-1530	MH-1213	593.98	593.89	593.02	592.94	7.8	150	0.43	100	1.52	0.0382	0.8	0.82	0.8	12.6	0.011	HDPE
DNE 235-6	MH-1533	MH-1534	597.4	597.27	596.4	596.32	7.8	150	0.5	100	1.52	0.064	0.8	0.85	0.8	14.9	0.011	HDPE
DNE 235-10	MH-1535	MH-1536	583.85	583.74	582.86	582.79	7.8	150	0.44	100	1.52	0.0423	0.8	0.84	0.8	12.2	0.011	HDPE
DNE 235-53	MH-1537	MH-1538	576.44	576.42	575.49	575.47	7.8	150	0.25	281	0.9065	0.0222	0.8	0.8	0.8	10.1	0.011	HDPE
DNE 235-71	MH-1539	MH-1466	589.02	588.83	587.96	587.88	7.8	150	0.56	100	1.52	0.0925	0.9	0.91	0.8	17.9	0.011	HDPE
DNE 235-33	MH-2521	MH-987	592.29	592.14	591.33	591.19	13.9	150	0.53	100	1.52	0.0792	0.8	0.81	0.8	16.6	0.011	HDPE
DNE 235-54	MH-1856	MH-1486	584	583.87	583.03	582.92	11.2	150	1.05	100	1.52	0.879	0.8	0.82	0.8	58	0.011	HDPE
DNE 235-21	MH-1758	MH-2096	592.84	592.68	591.84	591.73	11.2	150	0.74	100	1.52	0.2409	0.8	0.85	0.8	29.1	0.011	HDPE
DNE 235-7	MH-2098	MH-117	584.18	583.88	583.04	582.93	11.2	150	0.76	100	1.52	0.269	0.9	0.99	0.8	30.8	0.011	HDPE
DNE 235-57	MH-1556	MH-1557	575.26	575.15	574.28	574.2	7.9	150	0.39	100	1.52	0.0282	0.8	0.83	0.8	10	0.011	HDPE
DNE 235-52	MH-1563	MH-1564	575.71	575.81	574.76	574.84	7.9	150	0.56	100	1.52	0.0955	0.8	0.8	0.82	18.2	0.011	HDPE
DNE 235-9	MH-2105	MH-2106	589.4	589.11	588.21	588.09	11.3	217	1.16	100	4.476	1.0451	0.9	0.98	0.8	47.9	0.01	HDPE
DNE 235-31	MH-192	MH-2537	590.58	590.68	589.63	589.73	14	150	0.45	147	1.253	0.0697	0.8	0.8	0.8	22	0.011	HDPE
DNE 235-11	MH-802	MH-803	591.94	591.93	590.99	590.98	0.5	150	0.44	100	1.52	0.0417	0.8	0.8	0.8	12.1	0.011	HDPE
DNE 235-9	MH-1582	MH-222	590.1	590.03	588.83	588.82	8	150	0.24	1,000	0.4807	0.0789	1.1	1.12	1.06	21.8	0.011	HDPE
DNE 235-66	MH-2008	MH-1875	569.19	569.17	567.59	567.56	11.4	175	0.6	421	1.2297	0.6061	1.4	1.43	1.43	50.8	0.01	HDPE
DNE 235-3	MH-808	MH-809	589.26	589.27	588.22	588.23	0.6	175	0.6	403	1.256	0.5705	0.9	0.86	0.87	42	0.01	HDPE
DNE 235-10	MH-1275	MH-1588	580.19	580	579.06	578.98	8.1	217	1.15	100	4.476	1.0152	0.9	0.91	0.8	36.7	0.01	HDPE
DNE 235-8	MH-1593	MH-1594	584.15	583.96	583.09	583.01	8.1	150	0.94	100	1.52	0.58	0.9	0.91	0.8	46.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-2	MH-1934	MH-1319	596.39	596.54	595.44	595.59	16.5	150	0.49	111	1.445	0.0647	0.8	0.8	0.8	15.2	0.011	HDPE
DNE 235-30	MH-693	MH-694	604.86	604.85	603.84	603.8	20.7	217	0.6	552	1.9045	0.9127	0.8	0.8	0.83	43.6	0.01	HDPE
DNE 235-2	MH-832	MH-833	590.95	590.96	589.88	589.89	7.3	271	0.71	709	3.04	2.9489	0.8	0.8	0.8	59.6	0.01	HDPE
DNE 235-8	MH-1609	MH-1610	589.34	589.32	588.39	588.37	8.2	150	0.28	438	0.7265	0.051	0.8	0.8	0.8	20.7	0.011	HDPE
DNE 235-55	MH-1612	MH-1204	579.24	579.05	578.18	578.1	8.2	150	0.73	100	1.52	0.2298	0.9	0.91	0.8	28.4	0.011	HDPE
DNE 235-33	MH-852	MH-853	591.92	591.93	590.22	590.22	0.8	150	0.6	284	0.9013	0.4486	1.6	1.55	1.56	49.8	0.011	HDPE
DNE 235-35	MH-296	MH-895	572.86	572.79	571.91	571.84	8.2	150	0.42	122	1.3748	0.0465	0.8	0.8	0.8	14.8	0.011	HDPE
DNE 235-56	MH-1620	MH-1621	576.96	576.96	576.01	575.96	8.2	150	0.6	158	1.2078	0.2045	0.8	0.8	0.84	34.2	0.011	HDPE
DNE 235-12	MH-2142	MH-1410	573.1	573.16	572.07	572.06	11.5	150	0.25	1,000	0.4807	0.0936	0.9	0.88	0.95	31.1	0.011	HDPE
DNE 235-10	MH-1626	MH-1535	583.95	583.85	582.98	582.9	8.3	150	0.41	100	1.52	0.032	0.8	0.82	0.8	10.6	0.011	HDPE
DNE 235-7	MH-1627	MH-1628	586.32	586.11	585.25	585.16	8.3	150	0.74	100	1.52	0.2458	0.9	0.93	0.8	29.4	0.011	HDPE
DNE 235-2	MH-2145	MH-2146	593.07	592.92	592.08	591.97	11.6	150	0.54	100	1.52	0.0826	0.8	0.84	0.8	17	0.011	HDPE
DNE 235-52	MH-1631	MH-1632	575.93	575.8	574.93	574.85	8.3	150	0.45	100	1.52	0.0462	0.8	0.85	0.8	12.7	0.011	HDPE
DNE 235-66	MH-1638	MH-1639	569.36	569.52	567.54	567.52	8.4	175	0.6	445	1.1951	0.6619	1.7	1.64	1.82	52.9	0.01	HDPE
DNE 235-2	MH-869	MH-870	597.09	597.07	596.14	596.05	16.4	150	0.6	192	1.0956	0.2635	0.8	0.8	0.87	33.1	0.011	HDPE
DNE 235-3	MH-889	MH-890	588.89	588.88	587.68	587.68	2	175	0.6	436	1.2074	0.6412	1	1.04	1.02	50.7	0.01	HDPE
DNE 235-60	MH-1662	MH-1663	574.88	574.77	573.78	573.69	8.5	271	1.38	100	8.0956	2.0702	0.8	0.83	0.8	39.7	0.01	HDPE
DNE 235-7	MH-1585	MH-1169	584.27	584.03	583.16	583.08	8.6	150	0.57	100	1.52	0.0994	0.9	0.96	0.8	18.6	0.011	HDPE
DNE 235-7	MH-1672	MH-1673	588.53	588.31	587.45	587.36	8.6	150	0.5	100	1.52	0.0637	0.9	0.93	0.8	14.9	0.011	HDPE
DNE 235-7	MH-1674	MH-1254	589.4	589.19	588.33	588.24	8.6	150	0.46	100	1.52	0.0495	0.9	0.93	0.8	13.2	0.011	HDPE
DNE 235-7	MH-2417	MH-1868	587.99	587.52	586.75	586.57	18.7	150	0.54	100	1.52	0.0845	0.9	1.08	0.8	17.2	0.011	HDPE
DNE 235-35	MH-1489	MH-3341	573.14	573.46	572.19	572.38	18.9	150	0.32	100	1.52	0.0145	0.9	0.8	0.93	14.5	0.011	HDPE
DNE 235-24	MH-3015	MH-669	576	575.89	575.05	574.88	16.3	150	0.28	100	1.5177	0.0097	0.8	0.8	0.86	10.3	0.011	HDPE
DNE 235-7	MH-959	MH-960	583.89	583.84	582.39	582.39	1.7	150	0.6	289	0.8935	0.4606	1.3	1.35	1.3	46.7	0.011	HDPE
DNE 235-10	MH-2204	MH-2205	591.01	590.87	590.04	589.92	11.9	150	0.3	100	1.52	0.0117	0.8	0.81	0.8	6.5	0.011	HDPE
DNE 235-2	MH-1158	MH-659	597.8	597.64	596.78	596.69	8.8	150	0.65	100	1.52	0.1506	0.8	0.87	0.8	22.9	0.011	HDPE
DNE 235-9	MH-1702	MH-1703	579.71	579.65	578.76	578.7	8.8	150	0.29	137	1.2998	0.0145	0.8	0.8	0.8	11.2	0.011	HDPE
DNE 235-58	MH-977	MH-978	575.27	575.32	574.32	574.32	1.9	150	0.11	1,000	0.4807	0.0067	0.8	0.8	0.84	36.6	0.011	HDPE
DNE 235-11	MH-985	MH-986	590.31	590.3	589.24	589.23	2.1	271	1.19	133	7.022	1.7437	0.8	0.8	0.8	41.1	0.01	HDPE
DNE 235-5	MH-1562	MH-1089	570.22	570.15	569.27	569.19	8.9	150	0.49	119	1.395	0.0716	0.8	0.8	0.81	17.9	0.011	HDPE
DNE 235-10	MH-2223	MH-1825	589.56	589.41	588.58	588.46	11.9	150	0.48	100	1.52	0.0555	0.8	0.83	0.8	13.9	0.011	HDPE
DNE 235-8	MH-1002	MH-1003	581.79	581.73	580.81	580.78	2.4	150	0.35	100	1.52	0.018	0.8	0.83	0.8	8	0.011	HDPE
DNE 235-32	MH-1630	MH-1727	591.28	591.41	589.61	589.6	8.9	150	0.18	1,000	0.4807	0.0331	1.6	1.52	1.65	18.5	0.011	HDPE
DNE 235-2	MH-1012	MH-1013	596.65	596.69	595.7	595.73	2.7	150	0.27	100	1.52	0.0079	0.8	0.8	0.82	5.4	0.011	HDPE
DNE 235-32	MH-1014	MH-1015	579.28	579.31	577.18	577.18	2.7	400	0.62	1,000	7.2303	2.5764	1.7	1.7	1.73	39.9	0.01	HDPE
DNE 235-4	MH-1023	MH-1019	586.5	586.43	585.26	585.23	2.9	400	1.46	100	20.7858	3.6065	0.8	0.84	0.8	33.1	0.011	HDPE
DNE 235-4	MH-1020	MH-1755	586.37	586.16	584.84	584.8	9.1	400	1.06	245	13.2856	3.6703	1	1.13	0.96	36.5	0.011	HDPE
DNE 235-24	MH-1048	MH-247	575.32	575.28	574.37	574.33	7	150	0.27	175	1.1505	0.0146	0.8	0.8	0.8	18.7	0.011	HDPE
DNE 235-31	MH-1053	MH-1054	583.02	583.08	582.07	582.1	3.6	150	0.41	100	1.52	0.0333	0.8	0.8	0.83	10.8	0.011	HDPE
DNE 235-32	MH-740	MH-1765	591.75	591.84	590.3	590.31	9.1	150	0.2	1,000	0.4807	0.0467	1.3	1.3	1.39	18.3	0.011	HDPE
DNE 235-53	MH-971	MH-1766	576.01	575.99	575.06	575.04	9.1	150	0.22	464	0.7058	0.026	0.8	0.8	0.8	11.6	0.011	HDPE
DNE 235-8	MH-1768	MH-1769	589.48	589.36	588.5	588.41	9.2	150	0.43	100	1.52	0.0384	0.8	0.83	0.8	15.1	0.011	HDPE
DNE 235-56	MH-1770	MH-1292	574.41	574.2	573.35	573.25	9.2	150	0.61	100	1.52	0.1219	0.9	0.91	0.8	20.6	0.011	HDPE
DNE 235-51	MH-1073	MH-1063	572.02	571.99	571.07	571.04	3.9	150	0.21	128	1.3446	0.0048	0.8	0.8	0.8	6.7	0.011	HDPE
DNE 235-10	MH-1074	MH-1075	583.89	583.84	582.93	582.89	3.9	150	0.6	100	1.52	0.1191	0.8	0.81	0.8	20.4	0.011	HDPE
DNE 235-7	MH-1779	MH-553	583.27	583.04	582.18	582.09	8.7	150	0.63	100	1.52	0.1425	0.9	0.95	0.8	22.3	0.011	HDPE
DNE 235-5	MH-1506	MH-876	571.44	571.59	569.9	569.81	12.3	150	0.6	133	1.3182	0.1655	1.5	1.39	1.63	28.5	0.011	HDPE
DNE 235-56	MH-2229	MH-1032	577.88	577.6	576.77	576.65	12.3	150	0.58	100	1.52	0.1017	0.9	0.95	0.8	18.8	0.011	HDPE
DNE 235-57	MH-1788	MH-1682	576.44	576.45	575.49	575.48	9.2	150	0.13	1,000	0.4807	0.0092	0.8	0.8	0.82	17.8	0.011	HDPE
DNE 235-11	MH-2171	MH-681	591.11	590.97	590.14	590.02	12.3	150	0.74	100	1.52	0.2417	0.8	0.82	0.8	29.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-55	MH-1107	MH-1108	575.78	575.71	574.56	574.51	4.1	400	1.47	100	20.7858	3.7162	0.8	0.82	0.8	33.2	0.011	HDPE
DNE 235-5	MH-1456	MH-1267	571.19	571.37	570.24	570.23	9.4	150	0.21	1,000	0.4807	0.0488	0.9	0.8	0.99	22.5	0.011	HDPE
DNE 235-56	MH-1121	MH-1122	578.27	578.27	577.32	577.31	4.3	150	0.21	1,000	0.4807	0.0497	0.8	0.8	0.81	23.6	0.011	HDPE
DNE 235-71	MH-1123	MH-1124	588.87	588.77	587.87	587.82	4.3	150	0.47	100	1.52	0.0516	0.8	0.86	0.8	13.4	0.011	HDPE
DNE 235-59	MH-1126	MH-1127	569.22	569.12	566.84	566.81	4.3	150	0.6	139	1.2874	0.1769	2.2	2.23	2.16	34.7	0.011	HDPE
DNE 235-54	MH-1128	MH-1129	580.97	580.86	579.14	579.18	4.4	150	0.6	108	1.4648	0.129	1.6	1.68	1.53	23.5	0.011	HDPE
DNE 235-32	MH-1100	MH-1132	582.94	582.85	581.94	581.9	4	150	0.58	100	1.52	0.1053	0.8	0.85	0.8	19.2	0.011	HDPE
DNE 235-51	MH-1812	MH-1813	572.28	572.35	571.2	571.16	9.5	150	0.6	266	0.9327	0.4058	1	0.93	1.03	46	0.011	HDPE
DNE 235-10	MH-2205	MH-2091	590.87	590.71	589.91	589.76	15.2	150	0.35	100	1.52	0.0192	0.8	0.81	0.8	8.3	0.011	HDPE
DNE 235-56	MH-1820	MH-1701	577.4	577.37	576.45	576.37	9.5	150	0.46	133	1.3185	0.0685	0.8	0.8	0.85	17.2	0.011	HDPE
DNE 235-31	MH-1555	MH-1821	591.64	591.52	590.66	590.57	9.6	150	0.42	100	1.52	0.0366	0.8	0.83	0.8	11.3	0.011	HDPE
DNE 235-56	MH-1822	MH-1823	573.14	573.03	572.17	572.08	9.6	150	0.9	100	1.52	0.4811	0.8	0.82	0.8	45.9	0.011	HDPE
DNE 235-52	MH-1827	MH-1655	573.14	572.98	571.26	571.25	9.6	400	0.64	1,000	6.573	3.7602	1.4	1.48	1.33	46.5	0.011	HDPE
DNE 235-31	MH-1836	MH-806	590.09	589.85	588.88	588.78	9.7	271	1.29	100	8.0956	1.6023	0.9	0.94	0.8	43.1	0.01	HDPE
DNE 235-55	MH-1172	MH-1173	578.39	578.51	577.44	577.44	4.9	150	0.12	1,000	0.4807	0.008	0.9	0.8	0.92	10.6	0.011	HDPE
DNE 235-55	MH-2334	MH-1664	578.94	578.88	577.39	577.38	12.6	150	0.2	1,000	0.4807	0.0445	1.4	1.39	1.35	21.4	0.011	HDPE
DNE 235-91	MH-1703	MH-1876	579.65	579.72	578.7	578.69	12.6	150	0.16	1,000	0.4807	0.0193	0.8	0.8	0.88	17.5	0.011	HDPE
DNE 235-31	MH-1845	MH-1596	590.86	590.73	589.87	589.78	9.7	150	0.54	100	1.52	0.0803	0.8	0.84	0.8	16.7	0.011	HDPE
DNE 235-81	MH-1182	MH-1183	581.01	580.96	580.06	580.01	5	150	0.5	103	1.4952	0.0634	0.8	0.8	0.8	16.2	0.011	HDPE
DNE 235-81	MH-1851	MH-317	581.96	582.08	580.79	580.77	9.7	217	0.6	563	1.8864	0.9387	1	0.96	1.1	50.4	0.01	HDPE
DNE 235-21	MH-2096	MH-2339	592.68	592.5	591.68	591.55	12.7	150	0.74	100	1.52	0.246	0.8	0.85	0.8	29.4	0.011	HDPE
DNE 235-21	MH-2146	MH-2763	592.92	592.71	591.91	591.76	15.4	150	0.56	100	1.52	0.0911	0.8	0.86	0.8	17.8	0.011	HDPE
DNE 235-21	MH-128	MH-1857	595.61	595.45	594.57	594.47	9.8	175	1.02	100	2.5221	0.617	0.8	0.86	0.8	37.7	0.01	HDPE
DNE 235-11	MH-803	MH-445	591.93	591.74	590.35	590.31	12.7	150	0.6	273	0.9197	0.4235	1.4	1.43	1.28	48.4	0.011	HDPE
DNE 235-21	MH-1864	MH-1313	595.45	595.46	594.5	594.42	9.8	150	0.6	122	1.3789	0.1486	0.8	0.8	0.89	24.8	0.011	HDPE
DNE 235-56	MH-1221	MH-1865	579.39	579.19	578.34	578.24	9.8	150	0.48	100	1.52	0.0549	0.9	0.91	0.8	13.9	0.011	HDPE
DNE 235-12	MH-3138	MH-3139	573.93	573.59	572.82	572.64	17.6	150	0.21	100	1.52	0.0039	0.9	0.96	0.8	3.8	0.011	HDPE
DNE 235-56	MH-1220	MH-1221	579.49	579.39	578.5	578.44	5.4	150	0.46	100	1.52	0.0488	0.8	0.84	0.8	13.1	0.011	HDPE
DNE 235-71	MH-1868	MH-1869	587.52	587.27	586.42	586.32	9.9	150	0.56	100	1.52	0.0935	0.9	0.95	0.8	18	0.011	HDPE
DNE 235-71	MH-1870	MH-1871	584.28	584.04	582.55	582.5	9.9	150	0.6	215	1.0371	0.3029	1.5	1.58	1.39	36.7	0.011	HDPE
DNE 235-10	MH-1024	MH-1199	584.21	584.1	583.2	583.15	5.5	150	0.58	100	1.52	0.1078	0.8	0.86	0.8	19.4	0.011	HDPE
DNE 235-10	MH-1075	MH-1201	583.84	583.78	582.87	582.83	4.3	150	0.61	100	1.52	0.1215	0.8	0.82	0.8	20.6	0.011	HDPE
DNE 235-91	MH-1876	MH-1698	579.72	579.79	578.69	578.68	9.9	150	0.17	1,000	0.4807	0.0273	0.9	0.88	0.96	22.8	0.011	HDPE
DNE 235-31	MH-1241	MH-1242	587.77	587.64	586.63	586.57	5.6	271	1.36	100	8.0956	1.9622	0.8	0.87	0.8	38.9	0.01	HDPE
DNE 235-4	MH-1248	MH-1246	587.5	587.37	586.48	586.42	5.8	150	0.38	100	1.52	0.0262	0.8	0.87	0.8	9.6	0.011	HDPE
DNE 235-52	MH-1249	MH-1250	573.49	573.39	571.28	571.27	5.8	400	0.63	1,000	6.573	3.7117	1.8	1.82	1.72	49.8	0.011	HDPE
DNE 235-61	MH-1534	MH-1884	597.27	597.09	596.24	596.14	10	150	0.52	100	1.52	0.0723	0.8	0.88	0.8	15.9	0.011	HDPE
DNE 235-52	MH-1885	MH-1642	576.31	576.45	575.36	575.46	10	150	0.48	100	1.52	0.0541	0.8	0.8	0.84	13.7	0.011	HDPE
DNE 235-71	MH-1254	MH-1255	589.19	589.05	588.15	588.1	5.8	150	0.47	100	1.52	0.0529	0.8	0.89	0.8	13.6	0.011	HDPE
DNE 235-10	MH-1265	MH-1266	587.22	587.19	586.27	586.24	6	150	0.22	212	1.0438	0.0104	0.8	0.8	0.8	6.7	0.011	HDPE
DNE 235-10	MH-1278	MH-1279	589.04	588.97	588.08	588.02	6.1	150	0.54	100	1.52	0.0803	0.8	0.81	0.8	16.7	0.011	HDPE
DNE 235-52	MH-1409	MH-1902	574.35	574.48	573.08	573.07	10.1	150	0.25	1,000	0.4807	0.0924	1.2	1.12	1.27	30.3	0.011	HDPE
DNE 235-11	MH-2808	MH-2809	587.95	587.79	586.87	586.72	15.7	271	1.38	100	8.0956	2.092	0.8	0.81	0.8	45.4	0.01	HDPE
DNE 235-57	MH-1286	MH-1287	571.23	571.12	570.11	570.05	6.1	271	1.48	100	8.0956	2.6593	0.8	0.85	0.8	45.8	0.01	HDPE
DNE 235-41	MH-384	MH-1291	590.78	590.64	587.7	587.69	6.1	271	0.6	957	2.617	2.2014	2.8	2.82	2.69	65.6	0.01	HDPE
DNE 235-55	MH-2196	MH-2071	575.26	574.99	574.2	574.04	15.8	150	0.96	100	1.52	0.6066	0.9	0.92	0.8	47.2	0.011	HDPE
DNE 235-10	MH-1200	MH-1074	583.99	583.89	583	582.94	6.2	150	0.6	100	1.52	0.117	0.8	0.84	0.8	20.2	0.011	HDPE
DNE 235-55	MH-878	MH-1294	579.52	579.44	577.57	577.48	20.2	150	0.6	207	1.0553	0.2927	1.8	1.8	1.81	36.5	0.011	HDPE
DNE 235-52	MH-1705	MH-1916	575.55	575.48	574.1	574.02	10.2	150	0.6	125	1.3622	0.1539	1.3	1.29	1.31	23.8	0.011	HDPE
DNE 235-81	MH-1259	MH-1301	583.63	583.47	582.59	582.52	6.3	150	0.85	100	1.52	0.4016	0.8	0.89	0.8	38	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-8	MH-1440	MH-1399	583.92	583.92	582.91	582.9	10.2	150	0.14	1,000	0.4807	0.014	0.9	0.86	0.87	14.6	0.011	HDPE
DNE 235-56	MH-1921	MH-1922	575.47	575.25	574.4	574.3	10.2	150	0.53	100	1.52	0.0767	0.9	0.92	0.8	16.4	0.011	HDPE
DNE 235-19	MH-1307	MH-1308	579.1	578.97	576.23	576.28	6.3	150	0.6	121	1.3822	0.1477	2.6	2.72	2.54	25.3	0.011	HDPE
DNE 235-71	MH-1673	MH-2417	588.31	587.99	587.17	587.04	13.2	150	0.52	100	1.52	0.0718	0.9	1	0.8	15.8	0.011	HDPE
DNE 235-56	MH-1322	MH-1323	577.22	577.1	576.22	576.15	6.4	150	0.7	100	1.52	0.1946	0.8	0.86	0.8	26.1	0.011	HDPE
DNE 235-66	MH-1932	MH-1933	570.12	570.31	567.44	567.42	10.3	175	0.6	468	1.166	0.7161	2.6	2.51	2.71	50.3	0.01	HDPE
DNE 235-41	MH-667	MH-2427	584.1	583.77	581.11	581.09	12.9	217	0.6	586	1.8487	0.9957	2.6	2.78	2.46	51.3	0.01	HDPE
DNE 235-54	MH-1335	MH-1336	581.23	581.37	580.28	580.28	6.4	150	0.09	1,000	0.4807	0.0027	0.9	0.8	0.94	13.6	0.011	HDPE
DNE 235-34	MH-1341	MH-1076	590.52	590.42	589.53	589.47	6.5	150	0.45	100	1.52	0.0453	0.8	0.83	0.8	12.6	0.011	HDPE
DNE 235-7	MH-1255	MH-1343	589.05	588.89	588	587.94	6.5	150	0.48	100	1.52	0.0557	0.8	0.9	0.8	14	0.011	HDPE
DNE 235-52	MH-1134	MH-1344	576.66	576.72	575.71	575.77	6.5	150	0.34	104	1.4902	0.0176	0.8	0.8	0.8	8.9	0.011	HDPE
DNE 235-51	MH-1850	MH-2437	571.74	571.63	570.79	570.66	13.3	150	0.6	111	1.4444	0.133	0.8	0.8	0.82	26.6	0.011	HDPE
DNE 235-8	MH-2849	MH-2718	589.88	589.67	588.88	588.72	16	150	0.36	100	1.52	0.0207	0.8	0.85	0.8	8.6	0.011	HDPE
DNE 235-10	MH-1959	MH-1960	579.85	579.75	578.83	578.73	10.5	217	1.12	108	4.3096	1.027	0.8	0.8	0.8	46.9	0.01	HDPE
DNE 235-8	MH-1357	MH-1358	581.47	581.31	580.43	580.36	6.6	150	0.47	100	1.52	0.0525	0.8	0.89	0.8	13.5	0.011	HDPE
DNE 235-71	MH-2853	MH-1430	585.16	584.71	583.92	583.76	16	150	0.54	100	1.52	0.0849	0.9	1.09	0.8	17.2	0.011	HDPE
DNE 235-24	MH-1685	MH-2446	576.1	575.83	575.02	574.88	13.4	150	0.24	100	1.52	0.0063	0.9	0.94	0.8	6.9	0.011	HDPE
DNE 235-10	MH-1588	MH-1959	580	579.85	578.94	578.83	10.5	217	1.15	100	4.476	1.0199	0.8	0.85	0.8	41.5	0.01	HDPE
DNE 235-35	MH-1352	MH-1368	573.45	573.3	572.42	572.35	6.7	150	0.51	100	1.52	0.0666	0.8	0.88	0.8	15.2	0.011	HDPE
DNE 235-44	MH-1371	MH-1372	591.75	591.65	590.76	590.7	6.7	150	0.58	100	1.52	0.1072	0.8	0.84	0.8	19.3	0.011	HDPE
DNE 235-71	MH-1377	MH-1378	588.39	588.23	587.34	587.28	6.7	150	0.57	100	1.52	0.1015	0.8	0.9	0.8	18.8	0.011	HDPE
DNE 235-51	MH-2453	MH-2454	572.9	572.82	571.95	571.87	13.4	150	0.85	159	1.205	0.7793	0.8	0.8	0.8	58.9	0.011	HDPE
DNE 235-9	MH-1381	MH-1382	580.46	580.34	579.39	579.32	6.7	217	1.15	100	4.476	1.0043	0.8	0.85	0.8	44.9	0.01	HDPE
DNE 235-52	MH-2460	MH-2461	575.53	575.35	574.53	574.4	13.5	150	0.52	100	1.52	0.0712	0.8	0.84	0.8	23.5	0.011	HDPE
DNE 235-56	MH-2463	MH-1820	577.49	577.4	576.54	576.45	13.5	150	0.44	138	1.293	0.059	0.8	0.8	0.8	16	0.011	HDPE
DNE 235-55	MH-1767	MH-2334	578.97	578.94	577.41	577.39	13.5	150	0.19	1,000	0.4807	0.0359	1.4	1.42	1.39	19.6	0.011	HDPE
DNE 235-8	MH-1844	MH-1571	584.59	584.27	583.45	583.32	13.5	150	0.84	100	1.52	0.3801	0.9	0.98	0.8	36.9	0.011	HDPE
DNE 235-9	MH-1991	MH-38	596.76	596.6	595.75	595.65	10.7	150	0.32	100	1.52	0.0151	0.8	0.85	0.8	22.8	0.011	HDPE
DNE 235-55	MH-1406	MH-1407	577.24	577.21	576.29	576.26	7	150	0.39	253	0.9556	0.0847	0.8	0.8	0.8	19.9	0.011	HDPE
DNE 235-51	MH-2001	MH-2002	569.24	569.28	568.29	568.28	10.7	150	0.18	1,000	0.4807	0.0331	0.8	0.8	0.85	30.1	0.011	HDPE
DNE 235-31	MH-2472	MH-2473	592.21	592.04	591.23	591.09	13.6	150	0.29	100	1.52	0.01	0.8	0.83	0.8	6	0.011	HDPE
DNE 235-32	MH-2474	MH-2475	580.25	580.26	578.78	578.76	13.6	150	0.22	1,000	0.4807	0.0599	1.3	1.32	1.35	23.4	0.011	HDPE
DNE 235-2	MH-1423	MH-1424	595.28	595.17	594.29	594.22	7.1	150	0.66	100	1.52	0.1595	0.8	0.84	0.8	23.6	0.011	HDPE
DNE 235-66	MH-2007	MH-2008	569.21	569.19	567.61	567.59	10.7	175	0.6	418	1.2341	0.5999	1.4	1.42	1.43	49	0.01	HDPE
DNE 235-57	MH-1557	MH-2012	575.15	574.99	574.14	574.04	10.7	150	0.45	100	1.52	0.046	0.8	0.86	0.8	12.7	0.011	HDPE
DNE 235-32	MH-2481	MH-381	580.56	580.24	579.43	579.29	13.6	150	0.45	100	1.52	0.0462	0.9	0.98	0.8	14.6	0.011	HDPE
DNE 235-71	MH-2014	MH-2015	587.99	587.72	586.88	586.77	10.8	150	0.43	100	1.52	0.0371	0.9	0.96	0.8	11.4	0.011	HDPE
DNE 235-55	MH-1436	MH-1437	576.83	576.77	575.78	575.72	7.1	150	0.6	125	1.3602	0.1546	0.9	0.9	0.9	25.5	0.011	HDPE
DNE 235-24	MH-2487	MH-281	579.77	579.91	578.82	578.8	13.6	150	0.12	1,000	0.4807	0.0078	0.9	0.8	0.96	12.6	0.011	HDPE
DNE 235-71	MH-1443	MH-1444	586.76	586.59	585.71	585.64	7.2	150	0.47	100	1.52	0.052	0.8	0.9	0.8	14.7	0.011	HDPE
DNE 235-56	MH-1451	MH-1290	574.6	574.44	573.57	573.49	7.2	150	0.68	100	1.52	0.1816	0.8	0.89	0.8	25.2	0.011	HDPE
DNE 235-41	MH-1452	MH-1453	586.61	586.45	585.57	585.5	7.2	150	0.48	100	1.52	0.0552	0.8	0.89	0.8	13.9	0.011	HDPE
DNE 235-4	MH-1457	MH-1458	584.93	584.77	583.77	583.7	7.2	271	1.44	100	8.0956	2.4086	0.8	0.89	0.8	43.2	0.01	HDPE
DNE 235-31	MH-2496	MH-125	589.46	589.13	588.32	588.18	13.7	150	0.4	100	1.52	0.0301	0.9	0.99	0.8	12.3	0.011	HDPE
DNE 235-8	MH-2497	MH-2498	595.36	595.23	594.41	594.28	13.7	150	0.35	112	1.435	0.0222	0.8	0.8	0.8	10.3	0.011	HDPE
DNE 235-41	MH-1291	MH-1468	590.64	590.48	587.69	587.68	7.3	271	0.6	956	2.6189	2.2073	2.6	2.69	2.53	65	0.01	HDPE
DNE 235-41	MH-1450	MH-315	586.99	586.8	585.92	585.85	7.4	150	0.46	100	1.52	0.0474	0.9	0.92	0.8	12.9	0.011	HDPE
DNE 235-55	MH-1474	MH-1475	577.49	577.42	576.54	576.47	7.4	150	0.68	102	1.507	0.1874	0.8	0.8	0.8	25.7	0.011	HDPE
DNE 235-19	MH-2049	MH-2050	581.41	581.71	580.46	580.57	10.9	150	0.55	100	1.52	0.0874	0.9	0.8	0.99	17.4	0.011	HDPE
DNE 235-56	MH-1479	MH-1140	576.52	576.45	575.57	575.5	7.4	150	0.86	102	1.5082	0.4158	0.8	0.8	0.8	38.8	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-2	MH-1480	MH-1481	596.21	596.1	595.22	595.15	7.4	150	0.6	100	1.52	0.1199	0.8	0.84	0.8	20.5	0.011	HDPE
DNE 235-2	MH-1314	MH-1423	595.4	595.28	594.37	594.31	7.5	150	0.6	126	1.3565	0.1559	0.9	0.88	0.82	24	0.011	HDPE
DNE 235-5	MH-2054	MH-1833	571.76	571.67	570.81	570.72	18.8	150	0.34	205	1.0622	0.0419	0.8	0.8	0.8	15	0.011	HDPE
DNE 235-54	MH-1486	MH-1487	583.87	583.77	582.9	582.82	7.5	150	1.05	100	1.52	0.8963	0.8	0.82	0.8	58.6	0.011	HDPE
DNE 235-54	MH-1475	MH-2059	577.42	577.27	576.18	576.07	11	400	1.44	100	20.7858	3.4852	0.8	0.84	0.8	31.5	0.011	HDPE
DNE 235-11	MH-2060	MH-2061	596.54	596.72	595.53	595.64	11	217	1.13	100	4.476	0.9477	0.8	0.8	0.87	35.4	0.01	HDPE
DNE 235-55	MH-2062	MH-2063	576.06	576.08	575.04	575.03	11	150	0.24	1,000	0.4807	0.0871	0.9	0.87	0.9	45.7	0.011	HDPE
DNE 235-5	MH-1485	MH-2064	571.22	571.16	570.2	570.19	11	150	0.24	1,000	0.4807	0.0821	0.9	0.88	0.83	24.5	0.011	HDPE
DNE 235-11	MH-2515	MH-2133	597.44	597.63	596.49	596.63	13.9	150	0.36	100	1.52	0.0217	0.8	0.8	0.85	8.8	0.011	HDPE
DNE 235-3	MH-2067	MH-153	589.42	589.14	588.18	588.07	11	271	1.3	100	8.0956	1.6748	0.9	0.97	0.8	35.3	0.01	HDPE
DNE 235-56	MH-1499	MH-1500	578.53	578.47	577.3	577.29	7.6	150	0.23	1,000	0.4807	0.0705	1.1	1.08	1.03	26.8	0.011	HDPE
DNE 235-8	MH-254	MH-2930	580.32	579.98	578.72	578.69	16.7	217	0.6	578	1.8619	0.9771	1.2	1.39	1.08	45.4	0.01	HDPE
DNE 235-60	MH-2081	MH-2082	576.06	575.81	574.85	574.74	11.1	271	1.33	100	8.0956	1.7994	0.9	0.94	0.8	36.7	0.01	HDPE
DNE 235-54	MH-1327	MH-1128	581.13	580.97	579.02	579.14	14	150	0.6	116	1.4117	0.1405	1.8	1.96	1.68	24.8	0.011	HDPE
DNE 235-4	MH-2084	MH-1644	584.08	583.85	582.4	582.38	11.2	400	0.65	1,000	6.573	4.051	1.2	1.28	1.07	47.5	0.011	HDPE
DNE 235-2	MH-1518	MH-832	590.95	590.95	590	589.99	7.8	150	0.19	1,000	0.4807	0.0392	0.8	0.8	0.81	15.5	0.011	HDPE
DNE 235-24	MH-1520	MH-1521	576.17	576.01	575.13	575.06	7.7	150	0.36	100	1.52	0.0209	0.8	0.88	0.8	8.6	0.011	HDPE
DNE 235-2	MH-2089	MH-2090	593.6	593.46	592.62	592.51	11.2	150	0.71	100	1.52	0.2151	0.8	0.83	0.8	27.5	0.011	HDPE
DNE 235-10	MH-2091	MH-2092	590.71	590.59	589.75	589.64	11.2	150	0.38	100	1.52	0.027	0.8	0.81	0.8	9.8	0.011	HDPE
DNE 235-5	MH-1090	MH-1504	570.1	570.01	569.13	569.06	7.7	150	0.57	100	1.52	0.0997	0.8	0.82	0.8	20.7	0.011	HDPE
DNE 235-52	MH-1525	MH-1412	576.58	576.58	575.59	575.63	7.7	150	0.33	194	1.0915	0.0342	0.8	0.84	0.8	12.7	0.011	HDPE
DNE 235-53	MH-1531	MH-1532	574.34	574.33	573.39	573.38	7.8	150	0.22	1,000	0.4807	0.06	0.8	0.8	0.8	29.8	0.011	HDPE
DNE 235-10	MH-1279	MH-180	588.97	588.79	587.95	587.84	11.2	150	0.54	100	1.52	0.084	0.8	0.87	0.8	36.1	0.011	HDPE
DNE 235-61	MH-2099	MH-1957	580.04	579.82	578.98	578.87	11.2	150	0.37	100	1.52	0.0228	0.9	0.91	0.8	8.9	0.011	HDPE
DNE 235-55	MH-1173	MH-1543	578.51	578.7	577.44	577.43	7.8	150	0.14	1,000	0.4807	0.0127	1	0.92	1.12	12.5	0.011	HDPE
DNE 235-10	MH-2549	MH-1626	584.13	583.95	583.14	583	14.1	150	0.36	100	1.52	0.0208	0.8	0.84	0.8	8.6	0.011	HDPE
DNE 235-6	MH-2107	MH-1123	589.15	588.87	588.03	587.92	11.3	150	0.46	100	1.52	0.0474	0.9	0.96	0.8	12.9	0.011	HDPE
DNE 235-9	MH-1548	MH-1549	580.04	579.91	579.04	578.96	7.9	150	0.22	100	1.52	0.004	0.8	0.86	0.8	3.9	0.011	HDPE
DNE 235-34	MH-1552	MH-1553	583.42	583.33	582.1	582.09	7.9	150	0.17	1,000	0.4807	0.028	1.1	1.18	1.09	13.9	0.011	HDPE
DNE 235-3	MH-1554	MH-1555	591.75	591.64	590.77	590.69	7.9	150	0.4	100	1.52	0.0315	0.8	0.83	0.8	10.5	0.011	HDPE
DNE 235-53	MH-2069	MH-2113	575.8	575.76	574.85	574.81	11.3	150	0.26	310	0.8634	0.0264	0.8	0.8	0.8	11.1	0.011	HDPE
DNE 235-5	MH-1565	MH-1566	570.05	570.1	569.1	569.15	7.9	150	0.36	157	1.2116	0.0374	0.8	0.8	0.8	13	0.011	HDPE
DNE 235-8	MH-1571	MH-1572	584.27	584.1	583.23	583.15	8	150	0.85	100	1.52	0.3855	0.8	0.89	0.8	37.1	0.011	HDPE
DNE 235-57	MH-1573	MH-1574	573.18	573.11	572.23	572.16	8	150	0.71	117	1.4073	0.2479	0.8	0.8	0.8	30.1	0.011	HDPE
DNE 235-33	MH-2564	MH-2565	593	592.63	590.38	590.35	14.2	217	0.6	533	1.9393	0.8663	2.2	2.41	2.07	47.1	0.01	HDPE
DNE 235-53	MH-1579	MH-1580	577.87	577.74	576.39	576.38	8	150	0.23	1,000	0.4807	0.0766	1.3	1.33	1.21	28.8	0.011	HDPE
DNE 235-2	MH-1581	MH-1480	596.32	596.21	595.34	595.26	8	150	0.6	100	1.52	0.1155	0.8	0.83	0.8	20	0.011	HDPE
DNE 235-9	MH-2429	MH-1158	598.1	597.8	596.99	596.85	14.2	150	0.36	100	1.52	0.0211	0.9	0.96	0.8	8.6	0.011	HDPE
DNE 235-7	MH-1586	MH-1587	586.98	586.78	585.91	585.83	8	150	0.49	100	1.52	0.0593	0.9	0.92	0.8	16.2	0.011	HDPE
DNE 235-35	MH-1595	MH-295	572.93	572.86	571.98	571.91	8.1	150	0.39	123	1.3679	0.0365	0.8	0.8	0.8	13.5	0.011	HDPE
DNE 235-4	MH-2136	MH-822	585.56	585.3	584.21	584.1	11.5	400	1.48	100	20.7858	3.7779	0.9	0.94	0.8	32.8	0.011	HDPE
DNE 235-56	MH-1600	MH-1601	578.36	578.34	577.41	577.39	8.1	150	0.18	544	0.6519	0.0153	0.8	0.8	0.8	12.7	0.011	HDPE
DNE 235-51	MH-1517	MH-1849	571.9	571.81	570.95	570.86	11.5	150	0.45	135	1.307	0.0628	0.8	0.8	0.8	17.7	0.011	HDPE
DNE 235-33	MH-2138	MH-2139	592.24	592.4	590.44	590.49	11.5	150	0.6	245	0.971	0.3628	1.7	1.65	1.76	42.5	0.011	HDPE
DNE 235-53	MH-1604	MH-1130	575.35	575.43	573.9	573.89	8.1	150	0.19	1,000	0.4807	0.0408	1.3	1.31	1.39	15.9	0.011	HDPE
DNE 235-10	MH-2263	MH-2055	584.52	584.28	583.48	583.33	14.3	150	0.78	100	1.52	0.2978	0.8	0.89	0.8	32.5	0.011	HDPE
DNE 235-8	MH-1608	MH-1593	584.32	584.15	583.28	583.2	8.2	150	0.94	100	1.52	0.5748	0.8	0.89	0.8	45.9	0.011	HDPE
DNE 235-10	MH-1826	MH-1930	589.29	589.16	588.33	588.21	11.6	150	0.51	100	1.52	0.0682	0.8	0.81	0.8	15.4	0.011	HDPE
DNE 235-52	MH-2586	MH-1789	576.33	576.09	575.29	575.14	14.3	150	0.37	100	1.52	0.024	0.8	0.89	0.8	9.2	0.011	HDPE
DNE 235-6	MH-2587	MH-2198	593.3	593.01	592.21	592.06	14.4	150	0.47	100	1.52	0.0512	0.9	0.94	0.8	13.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-9	MH-1382	MH-1274	580.34	580.32	579.32	579.31	8.2	217	0.63	517	1.9693	1.0076	0.8	0.8	0.8	44.9	0.01	HDPE
DNE 235-6	MH-2589	MH-2590	597.68	597.49	596.68	596.54	14.4	150	0.68	100	1.52	0.1787	0.8	0.85	0.8	25	0.011	HDPE
DNE 235-32	MH-1624	MH-354	579.98	579.86	578.99	578.91	8.3	150	0.69	100	1.52	0.1915	0.8	0.84	0.8	25.9	0.011	HDPE
DNE 235-35	MH-1625	MH-1351	573.6	573.41	572.55	572.46	8.3	150	0.45	100	1.52	0.0463	0.8	0.9	0.8	13.8	0.011	HDPE
DNE 235-7	MH-2495	MH-3006	582.38	581.97	581.18	581.02	16.8	150	0.81	100	1.52	0.338	0.9	1.05	0.8	39	0.011	HDPE
DNE 235-52	MH-2598	MH-2599	574.96	574.66	573.85	573.71	14.4	150	1.04	100	1.52	0.8522	0.9	0.96	0.8	57	0.011	HDPE
DNE 235-3	MH-2445	MH-695	589.84	590.02	588.89	589.04	14.5	150	0.63	100	1.52	0.1374	0.8	0.8	0.83	21.9	0.011	HDPE
DNE 235-3	MH-2160	MH-2161	590.47	590.34	589.52	589.35	26.2	150	0.6	153	1.2295	0.1981	0.8	0.8	0.84	29.1	0.011	HDPE
DNE 235-8	MH-1635	MH-1182	581.11	581.01	580.14	580.06	8.4	150	0.49	100	1.52	0.0604	0.8	0.82	0.8	15.8	0.011	HDPE
DNE 235-16	MH-2164	MH-2165	590.2	590.47	589.25	589.37	11.7	150	0.44	100	1.52	0.0402	0.9	0.8	0.96	11.9	0.011	HDPE
DNE 235-58	MH-1640	MH-1641	581.85	581.67	580.81	580.72	8.4	150	0.92	100	1.52	0.526	0.8	0.89	0.8	43.8	0.011	HDPE
DNE 235-52	MH-1642	MH-1525	576.45	576.58	575.5	575.59	8.4	150	0.45	100	1.52	0.045	0.8	0.8	0.84	12.6	0.011	HDPE
DNE 235-11	MH-2170	MH-2171	591.28	591.11	590.28	590.16	11.7	150	0.73	100	1.52	0.2355	0.8	0.85	0.8	28.8	0.011	HDPE
DNE 235-56	MH-1360	MH-1647	575.09	574.9	574.04	573.95	8.4	150	0.65	100	1.52	0.1511	0.9	0.9	0.8	23	0.011	HDPE
DNE 235-10	MH-1648	MH-1649	590.13	590	589.13	589.05	8.4	150	0.48	100	1.52	0.0536	0.8	0.84	0.8	13.7	0.011	HDPE
DNE 235-7	MH-982	MH-1539	589.23	589.02	588.16	588.07	8.4	150	0.55	100	1.52	0.0895	0.9	0.93	0.8	17.6	0.011	HDPE
DNE 235-7	MH-1652	MH-1653	584.44	584.21	583.34	583.26	8.5	150	0.78	100	1.52	0.2883	0.9	0.95	0.8	31.9	0.011	HDPE
DNE 235-7	MH-1654	MH-1443	586.97	586.76	585.9	585.81	8.5	150	0.46	100	1.52	0.0482	0.9	0.93	0.8	13	0.011	HDPE
DNE 235-52	MH-1655	MH-1656	572.98	572.86	571.25	571.24	8.5	400	0.64	1,000	6.573	3.7777	1.3	1.33	1.22	41.2	0.011	HDPE
DNE 235-51	MH-2183	MH-1812	572.19	572.28	571.24	571.2	11.8	150	0.6	255	0.9518	0.383	0.9	0.8	0.93	44.5	0.011	HDPE
DNE 235-10	MH-1794	MH-2185	586.56	586.27	585.44	585.32	11.8	150	0.59	100	1.52	0.1126	0.9	0.97	0.8	19.8	0.011	HDPE
DNE 235-61	MH-2186	MH-2187	588.31	588.04	587.21	587.09	11.8	150	0.6	100	1.52	0.1156	0.9	0.95	0.8	20.1	0.011	HDPE
DNE 235-56	MH-1664	MH-1665	578.88	578.84	577.38	577.37	8.5	150	0.21	1,000	0.4807	0.0514	1.3	1.35	1.32	22.6	0.011	HDPE
DNE 235-55	MH-2195	MH-2196	575.47	575.26	574.43	574.31	11.8	150	0.95	100	1.52	0.5913	0.8	0.89	0.8	46.6	0.011	HDPE
DNE 235-2	MH-1214	MH-1671	593.85	593.73	592.86	592.78	8.6	150	0.45	100	1.52	0.0459	0.8	0.83	0.8	12.7	0.011	HDPE
DNE 235-6	MH-2198	MH-651	593.01	592.8	591.95	591.85	10.3	150	0.49	100	1.52	0.0605	0.9	0.91	0.8	14.6	0.011	HDPE
DNE 235-1	MH-2504	MH-2627	601.35	601.16	600.36	600.21	14.5	150	0.44	100	1.52	0.0411	0.8	0.84	0.8	14.2	0.011	HDPE
DNE 235-7	MH-110	MH-1627	586.61	586.32	585.39	585.32	11.9	150	0.6	178	1.1379	0.2407	1	1.07	0.85	31.2	0.011	HDPE
DNE 235-7	MH-2199	MH-2200	588.59	588.3	587.47	587.35	11.9	150	0.36	100	1.52	0.0212	0.9	0.97	0.8	8.7	0.011	HDPE
DNE 235-2	MH-2201	MH-2202	591.18	591.02	590.19	590.07	11.9	150	0.79	100	1.52	0.3057	0.8	0.83	0.8	33	0.011	HDPE
DNE 235-57	MH-1682	MH-1683	576.45	576.43	575.48	575.47	8.6	150	0.15	1,000	0.4807	0.0163	0.8	0.82	0.81	23.2	0.011	HDPE
DNE 235-52	MH-1131	MH-2206	575.42	575.31	572.66	572.62	11.9	150	0.6	368	0.872	0.4967	2.6	2.62	2.53	53.9	0.01	HDPE
DNE 235-3	MH-1688	MH-1689	591.34	591.23	590.36	590.28	8.6	150	0.27	100	1.52	0.0086	0.8	0.83	0.8	5.6	0.011	HDPE
DNE 235-11	MH-2208	MH-1696	592.62	592.5	591.67	591.55	11.9	150	0.65	103	1.4982	0.1611	0.8	0.8	0.8	23.8	0.011	HDPE
DNE 235-2	MH-1671	MH-1692	593.73	593.62	592.76	592.67	8.7	150	0.47	100	1.52	0.0507	0.8	0.82	0.8	13.3	0.011	HDPE
DNE 235-4	MH-1329	MH-357	586.23	586.1	585.23	585.15	8.7	150	0.52	100	1.52	0.0713	0.8	0.85	0.8	21.8	0.011	HDPE
DNE 235-51	MH-2211	MH-2212	572.02	571.93	570.06	570.05	11.9	400	0.7	1,000	6.573	5.7826	1.5	1.55	1.47	69.2	0.011	HDPE
DNE 235-55	MH-1694	MH-1695	579.48	579.42	578.53	578.47	8.7	150	0.4	145	1.2618	0.0459	0.8	0.8	0.8	14	0.011	HDPE
DNE 235-53	MH-1896	MH-1916	575.32	575.48	572.84	572.75	11.9	150	0.6	138	1.2933	0.1751	2.5	2.34	2.58	33.1	0.011	HDPE
DNE 235-9	MH-1698	MH-64	579.79	579.82	578.68	578.67	8.8	150	0.18	1,000	0.4807	0.0322	1	0.96	1.01	27.9	0.011	HDPE
DNE 235-53	MH-2219	MH-1878	578.33	578.13	574.89	574.87	11.9	271	0.6	866	2.7503	1.816	3.1	3.17	2.98	59.5	0.01	HDPE
DNE 235-54	MH-2220	MH-2221	581.21	581.07	580.24	580.12	11.9	150	0.46	100	1.52	0.0491	0.8	0.83	0.8	16.2	0.011	HDPE
DNE 235-56	MH-1701	MH-1406	577.37	577.24	576.37	576.29	8.8	150	0.53	100	1.52	0.0778	0.8	0.85	0.8	18.8	0.011	HDPE
DNE 235-52	MH-1902	MH-2651	574.48	574.7	573.07	573.05	14.7	150	0.26	1,000	0.4807	0.1057	1.4	1.27	1.5	26.8	0.011	HDPE
DNE 235-52	MH-1568	MH-1704	575.61	575.55	574.28	574.18	11.9	150	0.6	112	1.4333	0.1355	1.2	1.17	1.23	23.9	0.011	HDPE
DNE 235-10	MH-2654	MH-2204	591.2	591.01	590.2	590.06	14.7	150	0.22	100	1.52	0.0041	0.8	0.85	0.8	3.9	0.011	HDPE
DNE 235-8	MH-1358	MH-1635	581.31	581.11	580.25	580.16	8.8	150	0.48	100	1.52	0.0561	0.9	0.91	0.8	14	0.011	HDPE
DNE 235-19	MH-3053	MH-3054	581.91	581.8	580.96	580.79	18.1	150	0.6	105	1.4817	0.1262	0.8	0.8	0.86	23.9	0.011	HDPE
DNE 235-8	MH-1710	MH-1711	589.35	589.37	588.36	588.35	8.8	150	0.22	1,000	0.4807	0.0636	0.9	0.84	0.87	25.4	0.011	HDPE
DNE 235-58	MH-1714	MH-1715	579.38	579.18	575.77	575.76	8.8	271	0.6	764	2.9287	1.4839	3.2	3.34	3.15	50.1	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-35	MH-3060	MH-1488	573.53	573.16	572.38	572.21	17.1	150	0.72	100	1.52	0.2194	0.9	1	0.8	31	0.011	HDPE
ONE 235-3	MH-2070	MH-3061	591.37	591.14	590.36	590.19	17.1	150	0.48	100	1.52	0.0535	0.8	0.86	0.8	13.7	0.011	HDPE
ONE 235-53	MH-1724	MH-1537	576.5	576.44	575.55	575.49	8.9	150	0.3	144	1.2656	0.0171	0.8	0.8	0.8	9.4	0.011	HDPE
ONE 235-67	MH-1109	MH-1522	575.23	575.14	572.74	572.72	8.9	175	0.6	436	1.2076	0.6407	2.3	2.32	2.25	46.8	0.01	HDPE
ONE 235-7	MH-1587	MH-145	586.78	586.71	585.83	585.76	9	150	0.47	134	1.3107	0.0708	0.8	0.8	0.8	16.3	0.011	HDPE
ONE 235-10	MH-1503	MH-1103	583.3	583.1	582.24	582.15	9	150	0.54	100	1.52	0.0842	0.9	0.91	0.8	17.1	0.011	HDPE
ONE 235-61	MH-1738	MH-1739	579.36	579.6	578.29	578.21	9	271	1.38	105	7.9096	2.1782	1	0.8	1.12	47.1	0.01	HDPE
ONE 235-4	MH-1740	MH-1741	591.38	591.19	590.33	590.24	9	150	0.61	100	1.52	0.128	0.8	0.89	0.8	21.2	0.011	HDPE
ONE 235-54	MH-724	MH-1565	569.97	570.05	569.02	569.1	12.1	150	0.39	157	1.2125	0.0467	0.8	0.8	0.8	14.3	0.011	HDPE
ONE 235-12	MH-1745	MH-1746	573.71	573.53	572.67	572.58	9	150	0.21	100	1.52	0.0032	0.8	0.89	0.8	4.3	0.011	HDPE
ONE 235-5	MH-1752	MH-1753	594.09	593.97	593.11	593.02	9.1	150	0.62	100	1.52	0.1351	0.8	0.83	0.8	21.7	0.011	HDPE
ONE 235-55	MH-1543	MH-1147	578.7	578.91	577.43	577.42	9.1	150	0.15	1,000	0.4807	0.0179	1.2	1.12	1.34	14.7	0.011	HDPE
ONE 235-56	MH-1756	MH-1694	579.54	579.48	578.59	578.53	9.1	150	0.37	156	1.2155	0.0383	0.8	0.8	0.8	13	0.011	HDPE
ONE 235-2	MH-1757	MH-1758	592.97	592.84	591.98	591.89	9.1	150	0.73	100	1.52	0.2357	0.8	0.84	0.8	28.8	0.011	HDPE
ONE 235-2	MH-2202	MH-2282	591.02	590.87	590.04	589.92	12.2	150	0.8	100	1.52	0.3124	0.8	0.84	0.8	36.4	0.011	HDPE
ONE 235-2	MH-1481	MH-1284	596.1	595.97	595.11	595.02	9.1	150	0.61	100	1.52	0.1239	0.8	0.84	0.8	20.8	0.011	HDPE
ONE 235-55	MH-1761	MH-1762	576.04	576.04	575.08	575.07	9.1	150	0.22	1,000	0.4807	0.0578	0.8	0.81	0.82	27.3	0.011	HDPE
ONE 235-54	MH-1763	MH-1764	582.93	582.85	581.98	581.9	9.1	150	0.54	114	1.4214	0.0987	0.8	0.8	0.8	21.4	0.011	HDPE
ONE 235-7	MH-2717	MH-960	583.59	583.84	582.45	582.39	15.1	150	0.6	289	0.8949	0.4584	1.1	0.99	1.3	49.5	0.011	HDPE
ONE 235-56	MH-1771	MH-1772	573.66	573.55	572.69	572.6	9.2	150	0.69	100	1.52	0.1855	0.8	0.81	0.8	30.6	0.011	HDPE
ONE 235-60	MH-2082	MH-2296	575.81	575.54	574.59	574.47	12.3	271	1.33	100	8.0956	1.8179	0.9	0.95	0.8	36.9	0.01	HDPE
ONE 235-9	MH-2297	MH-1991	596.9	596.76	595.93	595.81	12.3	150	0.29	100	1.52	0.011	0.8	0.82	0.8	6.3	0.011	HDPE
ONE 235-57	MH-1786	MH-1556	575.36	575.26	574.4	574.31	9.2	150	0.32	100	1.52	0.0155	0.8	0.81	0.8	7.4	0.011	HDPE
ONE 235-52	MH-1789	MH-1631	576.09	575.93	575.07	574.98	9.3	150	0.43	100	1.52	0.0377	0.8	0.87	0.8	11.5	0.011	HDPE
ONE 235-8	MH-1790	MH-1791	598.89	598.69	597.83	597.74	9.3	150	0.42	100	1.52	0.0344	0.9	0.9	0.8	11	0.011	HDPE
ONE 235-2	MH-1692	MH-1792	593.62	593.5	592.64	592.55	9.3	150	0.48	100	1.52	0.0562	0.8	0.83	0.8	14	0.011	HDPE
ONE 235-3	MH-1951	MH-1722	590.77	590.61	589.78	589.66	12.4	150	0.43	100	1.52	0.0377	0.8	0.84	0.8	12.6	0.011	HDPE
ONE 235-10	MH-1266	MH-1311	587.19	586.96	586.1	586.01	9.4	150	0.47	100	1.52	0.0516	0.9	0.94	0.8	13.4	0.011	HDPE
ONE 235-56	MH-1795	MH-1796	576.1	576.07	575.15	575.12	9.4	150	0.38	248	0.9643	0.0745	0.8	0.8	0.8	22.3	0.011	HDPE
ONE 235-55	MH-1108	MH-1797	575.71	575.55	574.44	574.35	9.4	400	1.47	100	20.7858	3.7194	0.8	0.87	0.8	32.7	0.011	HDPE
ONE 235-8	MH-1769	MH-1609	589.36	589.34	588.41	588.39	9.4	150	0.25	527	0.6624	0.0468	0.8	0.8	0.8	17.8	0.011	HDPE
ONE 235-5	MH-2319	MH-2001	569.31	569.24	568.36	568.29	12.5	150	0.29	199	1.0781	0.024	0.8	0.8	0.8	18.5	0.011	HDPE
ONE 235-3	MH-2320	MH-2321	589.97	589.79	588.96	588.84	12.5	150	0.5	100	1.52	0.0634	0.8	0.86	0.8	14.9	0.011	HDPE
ONE 235-24	MH-2322	MH-551	575.77	575.71	574.82	574.76	13.2	150	0.26	251	0.9586	0.0221	0.8	0.8	0.8	9.9	0.011	HDPE
ONE 235-6	MH-1806	MH-1807	596.43	596.57	595.48	595.57	9.5	150	0.87	100	1.52	0.43	0.8	0.8	0.85	39.3	0.011	HDPE
ONE 235-54	MH-1129	MH-2329	580.86	580.54	579.18	579.3	12.6	150	0.6	103	1.496	0.1213	1.3	1.53	1.09	22.6	0.011	HDPE
ONE 235-55	MH-1437	MH-1816	576.77	576.71	575.72	575.65	9.5	150	0.6	131	1.3298	0.162	0.9	0.9	0.91	26.1	0.011	HDPE
ONE 235-2	MH-2102	MH-2331	594.21	594.02	593.2	593.07	12.6	150	0.7	100	1.52	0.1939	0.8	0.87	0.8	26	0.011	HDPE
ONE 235-4	MH-1755	MH-2332	586.16	585.88	584.8	584.68	12.6	400	1.47	100	20.7858	3.6901	0.9	0.96	0.8	32.4	0.011	HDPE
ONE 235-34	MH-483	MH-2333	590.99	591.16	588.83	588.75	17.5	150	0.6	204	1.0652	0.2857	2.1	2	2.27	35.3	0.011	HDPE
ONE 235-10	MH-1825	MH-1826	589.41	589.29	588.43	588.34	9.6	150	0.49	100	1.52	0.0609	0.8	0.83	0.8	14.6	0.011	HDPE
ONE 235-1	MH-3470	MH-2033	595.47	595.8	594.45	594.66	20.7	217	1.15	100	4.476	1.0036	0.9	0.8	0.92	36.5	0.01	HDPE
ONE 235-56	MH-1828	MH-1829	579.61	579.54	578.66	578.59	9.6	150	0.3	154	1.2253	0.0185	0.8	0.8	0.8	9.4	0.011	HDPE
ONE 235-55	MH-1837	MH-1838	576.97	576.92	575.96	575.87	9.7	150	0.6	112	1.4345	0.1352	0.9	0.86	0.89	24	0.011	HDPE
ONE 235-3	MH-502	MH-1839	585.49	585.24	584.27	584.17	9.7	271	1.44	100	8.0956	2.3939	0.9	0.95	0.8	42.9	0.01	HDPE
ONE 235-10	MH-2141	MH-2723	590.61	590.44	589.64	589.49	15.5	150	0.31	100	1.52	0.0129	0.8	0.82	0.8	6.8	0.011	HDPE
ONE 235-8	MH-1843	MH-1844	584.79	584.59	583.73	583.64	9.7	150	0.84	100	1.52	0.3748	0.9	0.91	0.8	36.6	0.011	HDPE
ONE 235-54	MH-2774	MH-2775	583.2	583.05	582.25	582.1	15.5	150	0.54	102	1.5057	0.0851	0.8	0.8	0.8	17.3	0.011	HDPE
ONE 235-52	MH-1303	MH-1846	573.38	573.56	572.43	572.61	18.9	150	0.78	108	1.4599	0.3253	0.8	0.8	0.8	37.3	0.011	HDPE
ONE 235-51	MH-1849	MH-1850	571.81	571.74	570.86	570.79	9.7	150	0.52	125	1.3572	0.0949	0.8	0.8	0.8	21.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-2	MH-833	MH-2354	590.96	591.17	589.89	589.96	7.1	271	1.52	100	8.0956	2.9421	0.9	0.8	0.93	59.6	0.01	HDPE
DNE 235-55	MH-1858	MH-1362	575.3	575.22	574.07	574.02	9.8	400	1.13	212	14.2717	3.8361	0.8	0.83	0.8	37.3	0.011	HDPE
DNE 235-24	MH-1859	MH-1496	575.8	575.6	574.75	574.65	9.8	150	0.41	100	1.52	0.0325	0.9	0.9	0.8	10.7	0.011	HDPE
DNE 235-74	MH-1910	MH-2087	587.74	587.42	586.6	586.47	12.9	150	0.59	100	1.52	0.1127	0.9	0.99	0.8	19.8	0.011	HDPE
DNE 235-8	MH-958	MH-2371	582.1	581.8	580.98	580.85	12.9	150	0.38	100	1.52	0.0259	0.9	0.97	0.8	9.6	0.011	HDPE
DNE 235-44	MH-1372	MH-1740	591.65	591.38	590.55	590.43	12.9	150	0.61	100	1.52	0.1213	0.9	0.94	0.8	20.6	0.011	HDPE
DNE 235-56	MH-2373	MH-2374	572.47	572.52	571.49	571.47	12.9	175	0.6	439	1.2032	0.6479	0.8	0.8	0.88	47.4	0.01	HDPE
DNE 235-56	MH-1122	MH-1499	578.27	578.53	577.31	577.3	12.9	150	0.22	1,000	0.4807	0.059	0.9	0.81	1.08	25.2	0.011	HDPE
DNE 235-34	MH-1874	MH-889	588.74	588.89	587.66	587.68	7.5	175	0.6	439	1.2042	0.6468	1	0.9	1.04	47.1	0.01	HDPE
DNE 235-34	MH-2269	MH-808	589.06	589.26	587.71	587.74	12.9	175	0.6	430	1.2165	0.6261	1.3	1.18	1.35	50.5	0.01	HDPE
DNE 235-71	MH-1124	MH-1672	588.77	588.53	587.68	587.58	10	150	0.48	100	1.52	0.0572	0.9	0.95	0.8	14.1	0.011	HDPE
DNE 235-55	MH-1816	MH-2530	576.71	576.58	575.65	575.53	15.8	150	0.6	136	1.3034	0.1692	0.9	0.91	0.9	25.2	0.011	HDPE
DNE 235-71	MH-1869	MH-1881	587.27	587.02	586.17	586.07	10	150	0.57	100	1.52	0.0996	0.9	0.95	0.8	18.7	0.011	HDPE
DNE 235-56	MH-1293	MH-1882	574.07	573.87	573.02	572.92	10	150	0.62	100	1.52	0.1318	0.8	0.9	0.8	21.4	0.011	HDPE
DNE 235-14	MH-590	MH-2385	594	594.19	592.98	593.11	13	217	1.33	100	4.476	1.7193	0.8	0.8	0.86	48.4	0.01	HDPE
DNE 235-34	MH-2386	MH-1688	591.51	591.34	590.52	590.39	13	150	0.21	100	1.52	0.0035	0.8	0.84	0.8	3.6	0.011	HDPE
DNE 235-61	MH-1889	MH-1716	594.81	595.02	593.86	594.07	21.1	150	0.61	102	1.5054	0.1251	0.8	0.8	0.8	20.9	0.011	HDPE
DNE 235-71	MH-1890	MH-1779	583.54	583.27	582.42	582.32	10	150	0.63	100	1.52	0.1383	0.9	0.97	0.8	22	0.011	HDPE
DNE 235-71	MH-1894	MH-1652	584.69	584.44	583.59	583.49	10.1	150	0.77	100	1.52	0.2803	0.9	0.95	0.8	31.5	0.011	HDPE
DNE 235-55	MH-1897	MH-1438	575.64	575.45	574.6	574.5	10.1	150	0.89	100	1.52	0.4727	0.8	0.88	0.8	41.4	0.011	HDPE
DNE 235-81	MH-1791	MH-2399	598.69	598.42	597.6	597.47	13	150	0.44	100	1.52	0.0404	0.9	0.94	0.8	11.9	0.011	HDPE
DNE 235-56	MH-1621	MH-2400	576.96	576.81	575.96	575.86	13.1	150	0.75	132	1.3222	0.3675	0.8	0.84	0.8	40	0.011	HDPE
DNE 235-11	MH-1900	MH-1901	592.03	591.86	591.01	590.91	10.1	150	0.61	100	1.52	0.1223	0.8	0.87	0.8	20.7	0.011	HDPE
DNE 235-56	MH-1904	MH-1905	577.64	577.56	576.69	576.61	10.1	150	0.33	122	1.3783	0.0199	0.8	0.8	0.8	13.6	0.011	HDPE
DNE 235-30	MH-1907	MH-1908	590.14	590.21	588.65	588.64	10.1	150	0.25	1,000	0.4807	0.0993	1.4	1.34	1.43	31.2	0.011	HDPE
DNE 235-74	MH-1824	MH-1910	587.99	587.74	586.89	586.79	10.1	150	0.59	100	1.52	0.1085	0.9	0.95	0.8	19.4	0.011	HDPE
DNE 235-2	MH-3212	MH-2929	596.81	596.57	595.8	595.62	18	150	0.57	100	1.52	0.1003	0.8	0.86	0.8	18.7	0.011	HDPE
DNE 235-18	MH-1392	MH-2840	585.47	585.89	584.52	584.68	15.9	150	0.4	100	1.52	0.0313	0.9	0.8	1.06	10.5	0.011	HDPE
DNE 235-24	MH-1792	MH-2827	593.5	593.28	592.49	592.33	15.9	150	0.5	100	1.52	0.0638	0.8	0.86	0.8	14.9	0.011	HDPE
DNE 235-56	MH-1772	MH-1915	573.55	573.44	572.59	572.49	10.2	150	0.86	100	1.52	0.4223	0.8	0.81	0.8	39	0.011	HDPE
DNE 235-53	MH-2420	MH-1604	575.16	575.35	573.91	573.9	13.2	150	0.19	1,000	0.4807	0.0383	1.2	1.1	1.31	18.9	0.011	HDPE
DNE 235-11	MH-1919	MH-1920	590.31	590.18	589.33	589.23	10.2	150	0.61	100	1.52	0.1241	0.8	0.83	0.8	23.4	0.011	HDPE
DNE 235-64	MH-3219	MH-3220	570.03	569.73	568.96	568.78	18	150	0.65	100	1.52	0.1547	0.9	0.93	0.8	23.2	0.011	HDPE
DNE 235-61	MH-1923	MH-1924	582.95	582.72	581.85	581.75	10.2	175	1.33	100	2.5221	1.7314	0.9	0.93	0.8	66.1	0.01	HDPE
DNE 235-56	MH-2438	MH-1222	578.36	578.13	577.31	577.18	13.3	150	0.54	100	1.52	0.085	0.8	0.9	0.8	17.2	0.011	HDPE
DNE 235-21	MH-264	MH-1934	596.15	596.39	595.2	595.31	10.3	150	0.51	100	1.52	0.0705	0.9	0.8	0.93	15.7	0.011	HDPE
DNE 235-61	MH-1939	MH-1940	598.44	598.28	597.44	597.33	10.3	150	0.77	100	1.52	0.2727	0.8	0.86	0.8	31	0.011	HDPE
DNE 235-34	MH-1643	MH-1241	588.04	587.77	586.81	586.7	10.3	271	1.36	100	8.0956	1.9581	0.9	0.96	0.8	38.4	0.01	HDPE
DNE 235-55	MH-1495	MH-1080	577.38	577.13	576.28	576.18	10.3	150	0.82	100	1.52	0.3415	0.9	0.95	0.8	34.8	0.011	HDPE
DNE 235-55	MH-2063	MH-2870	576.08	575.82	575.03	574.87	16.1	150	0.93	101	1.5124	0.5551	0.8	0.9	0.8	45.1	0.011	HDPE
DNE 235-12	MH-2111	MH-1420	573.56	573.29	572.47	572.34	13.4	150	0.29	100	1.52	0.0101	0.9	0.94	0.8	6	0.011	HDPE
DNE 235-34	MH-1950	MH-1951	590.93	590.77	589.92	589.82	10.4	150	0.41	100	1.52	0.0333	0.8	0.86	0.8	10.8	0.011	HDPE
DNE 235-52	MH-1954	MH-1955	575.73	575.91	573.66	573.65	10.5	150	0.25	1,000	0.4807	0.1032	2	1.92	2.11	31.8	0.011	HDPE
DNE 235-61	MH-1956	MH-1957	580.07	579.82	578.98	578.87	10.5	150	0.69	100	1.52	0.1848	0.9	0.94	0.8	25.4	0.011	HDPE
DNE 235-59	MH-1962	MH-1963	588.78	588.52	586.46	586.41	10.5	150	0.6	205	1.0629	0.2872	2.1	2.17	1.96	35.6	0.011	HDPE
DNE 235-54	MH-1976	MH-1977	569.54	569.69	568.57	568.64	10.6	150	0.6	155	1.2223	0.2015	0.9	0.82	0.9	28	0.011	HDPE
DNE 235-10	MH-2324	MH-2262	585.01	584.73	583.91	583.78	13.5	150	0.76	100	1.52	0.2683	0.9	0.94	0.8	30.8	0.011	HDPE
DNE 235-61	MH-2814	MH-2318	582.75	582.41	581.62	581.46	16.3	150	0.55	100	1.52	0.0894	0.9	0.98	0.8	17.6	0.011	HDPE
DNE 235-56	MH-2895	MH-2884	572.9	572.78	571.95	571.83	16.3	150	0.81	143	1.2708	0.5377	0.8	0.8	0.8	48.8	0.011	HDPE
DNE 235-65	MH-2896	MH-1898	569.94	569.72	568.93	568.77	16.3	150	0.59	100	1.52	0.1085	0.8	0.86	0.8	21.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-23	MH-742	MH-1992	583.44	583.32	581.1	581.06	10.7	150	0.6	255	0.9527	0.382	2.2	2.19	2.11	44.4	0.011	HDPE
DNE 235-55	MH-1995	MH-1996	577.98	577.88	577	576.91	10.7	150	0.6	117	1.4059	0.1419	0.8	0.82	0.81	24.9	0.011	HDPE
DNE 235-52	MH-1997	MH-1954	575.52	575.73	573.67	573.66	10.7	150	0.25	1,000	0.4807	0.0938	1.8	1.7	1.92	30.9	0.011	HDPE
DNE 235-56	MH-1323	MH-1620	577.1	576.96	576.12	576.01	10.7	150	0.7	100	1.52	0.2003	0.8	0.83	0.8	28.9	0.011	HDPE
DNE 235-56	MH-2484	MH-1770	574.71	574.41	573.6	573.46	13.6	150	0.59	100	1.52	0.1083	0.9	0.97	0.8	19.4	0.011	HDPE
DNE 235-11	MH-2006	MH-1544	589.72	589.87	588.77	588.76	10.7	150	0.13	1,000	0.4807	0.011	0.9	0.8	0.96	13.2	0.011	HDPE
DNE 235-71	MH-2494	MH-2495	582.78	582.38	581.57	581.43	13.7	150	0.81	100	1.52	0.333	0.9	1.06	0.8	34.4	0.011	HDPE
DNE 235-57	MH-2012	MH-1386	574.99	574.7	573.92	573.75	16.4	150	0.52	100	1.52	0.0744	0.9	0.92	0.8	16.1	0.011	HDPE
DNE 235-34	MH-2915	MH-2916	590.94	590.9	589.46	589.44	16.4	150	0.24	1,000	0.4807	0.0826	1.3	1.34	1.31	29.6	0.011	HDPE
DNE 235-21	MH-2918	MH-2201	591.42	591.18	590.39	590.23	16.4	150	0.79	100	1.52	0.2991	0.8	0.88	0.8	32.6	0.011	HDPE
DNE 235-51	MH-1977	MH-2027	569.69	569.84	568.64	568.71	10.8	150	0.6	149	1.2466	0.1909	0.9	0.9	0.98	28.4	0.011	HDPE
DNE 235-11	MH-2033	MH-2034	595.8	595.99	594.78	594.89	10.9	217	1.14	100	4.476	0.9884	0.8	0.8	0.88	36.2	0.01	HDPE
DNE 235-91	MH-2035	MH-2036	579.54	579.55	578.59	578.52	10.9	150	0.6	162	1.1953	0.2122	0.8	0.8	0.88	30.2	0.011	HDPE
DNE 235-56	MH-1665	MH-2512	578.84	578.74	577.37	577.36	13.6	150	0.22	1,000	0.4807	0.0581	1.3	1.32	1.23	19.6	0.011	HDPE
DNE 235-81	MH-1584	MH-36	582.55	582.25	581.43	581.3	12.5	150	0.94	100	1.52	0.5651	0.9	0.97	0.8	45.5	0.011	HDPE
DNE 235-24	MH-2938	MH-2939	579.97	580.05	579.02	579.1	16.5	150	0.2	216	1.0341	0.0077	0.8	0.8	0.8	7.5	0.011	HDPE
DNE 235-24	MH-1497	MH-2051	575.45	575.44	574.5	574.48	11	150	0.22	1,000	0.4807	0.0585	0.8	0.8	0.81	22.9	0.011	HDPE
DNE 235-10	MH-1742	MH-2052	589.88	589.77	588.93	588.82	11	150	0.5	100	1.52	0.064	0.8	0.81	0.8	14.9	0.011	HDPE
DNE 235-66	MH-2053	MH-1932	569.98	570.12	567.46	567.44	11	175	0.6	462	1.1733	0.7013	2.4	2.34	2.51	54.9	0.01	HDPE
DNE 235-55	MH-2520	MH-1837	577.05	576.97	576.1	575.96	13.9	150	0.6	105	1.4865	0.124	0.8	0.8	0.86	23	0.011	HDPE
DNE 235-31	MH-2342	MH-1643	588.41	588.04	587.11	586.97	14	271	1.35	100	8.0956	1.8852	0.9	1.03	0.8	37.6	0.01	HDPE
DNE 235-30	MH-2522	MH-2523	593	592.76	591.95	591.81	14	150	0.63	100	1.52	0.1368	0.8	0.9	0.8	21.8	0.011	HDPE
DNE 235-53	MH-2068	MH-2069	575.81	575.8	574.86	574.85	11	150	0.16	1,000	0.4807	0.021	0.8	0.8	0.8	13	0.011	HDPE
DNE 235-31	MH-2528	MH-1874	588.53	588.74	587.55	587.66	14	175	0.94	130	2.2095	0.6575	0.9	0.8	0.9	40.3	0.01	HDPE
DNE 235-61	MH-1139	MH-2433	582.51	582.19	581.38	581.24	14	150	0.57	100	1.52	0.1007	0.9	0.98	0.8	18.7	0.011	HDPE
DNE 235-52	MH-2437	MH-1272	571.63	571.54	570.66	570.58	14	150	0.6	165	1.1843	0.2155	0.8	0.82	0.81	40.3	0.011	HDPE
DNE 235-24	MH-2075	MH-2076	575.59	575.37	574.53	574.42	11.1	150	0.22	100	1.52	0.0045	0.9	0.9	0.8	5.7	0.011	HDPE
DNE 235-53	MH-2077	MH-2078	574.81	574.94	573.14	573.05	11.1	150	0.6	124	1.3664	0.1525	1.6	1.52	1.74	25.5	0.011	HDPE
DNE 235-61	MH-115	MH-2079	591.24	591.31	590.29	590.36	18.9	150	0.35	246	0.9697	0.054	0.8	0.8	0.8	15.3	0.011	HDPE
DNE 235-51	MH-2066	MH-2536	567.82	567.61	566.8	566.66	14	150	0.62	100	1.52	0.1304	0.8	0.87	0.8	21.3	0.011	HDPE
DNE 235-52	MH-1250	MH-1827	573.39	573.14	571.27	571.26	14	400	0.64	1,000	6.573	3.7354	1.6	1.72	1.48	48.7	0.011	HDPE
DNE 235-71	MH-2087	MH-2088	587.42	587.15	586.31	586.2	11.2	150	0.6	100	1.52	0.1175	0.9	0.96	0.8	20.3	0.011	HDPE
DNE 235-81	MH-1003	MH-1357	581.73	581.47	580.63	580.52	11.2	150	0.46	100	1.52	0.0471	0.9	0.95	0.8	12.8	0.011	HDPE
DNE 235-55	MH-2548	MH-1756	579.62	579.54	578.67	578.59	14.1	150	0.33	164	1.1854	0.0281	0.8	0.8	0.8	11.5	0.011	HDPE
DNE 235-52	MH-2969	MH-2561	573.79	573.93	572.1	572	16.6	150	0.6	167	1.1756	0.219	1.7	1.53	1.77	30.6	0.011	HDPE
DNE 235-55	MH-2970	MH-2602	578.71	578.52	577.27	577.2	16.6	150	0.6	241	0.9781	0.355	1.2	1.29	1.16	41.8	0.011	HDPE
DNE 235-10	MH-2553	MH-2223	589.74	589.56	588.75	588.61	14.2	150	0.46	100	1.52	0.0493	0.8	0.84	0.8	13.1	0.011	HDPE
DNE 235-11	MH-2555	MH-2556	590.65	590.56	589.7	589.61	14.2	150	0.5	143	1.2721	0.0978	0.8	0.8	0.8	19.2	0.011	HDPE
DNE 235-21	MH-2101	MH-2102	594.4	594.21	593.38	593.26	11.3	150	0.69	100	1.52	0.1886	0.8	0.87	0.8	25.7	0.011	HDPE
DNE 235-10	MH-618	MH-1232	588.43	588.29	587.45	587.34	11.3	150	0.64	100	1.52	0.1492	0.8	0.83	0.8	22.8	0.011	HDPE
DNE 235-71	MH-2104	MH-1586	587.26	586.98	586.14	586.03	11.3	150	0.48	100	1.52	0.0535	0.9	0.97	0.8	13.7	0.011	HDPE
DNE 235-65	MH-2991	MH-2992	572.33	572.7	571.38	571.55	16.7	150	0.72	100	1.52	0.2252	0.9	0.8	1	28.1	0.011	HDPE
DNE 235-12	MH-1746	MH-2111	573.53	573.56	572.58	572.47	11.3	150	0.25	106	1.4792	0.0064	0.9	0.8	0.94	5.7	0.011	HDPE
DNE 235-61	MH-2996	MH-2762	593.98	593.63	592.85	592.68	16.8	150	0.38	100	1.52	0.0251	0.9	0.98	0.8	9.4	0.011	HDPE
DNE 235-11	MH-2570	MH-2571	600.75	600.67	599.8	599.72	14.3	150	0.31	174	1.1519	0.0258	0.8	0.8	0.8	11.2	0.011	HDPE
DNE 235-56	MH-2114	MH-1359	575.49	575.23	574.4	574.28	11.4	150	0.62	100	1.52	0.1352	0.9	0.94	0.8	21.7	0.011	HDPE
DNE 235-11	MH-2115	MH-675	594.97	595.09	593.95	594.06	11.5	217	1.28	109	4.2825	1.6581	0.8	0.8	0.82	48	0.01	HDPE
DNE 235-34	MH-2116	MH-2117	586.45	586.25	585.41	585.3	11.4	150	0.92	100	1.52	0.5229	0.8	0.89	0.8	43.6	0.011	HDPE
DNE 235-61	MH-2120	MH-2121	600.2	600.04	599.2	599.09	11.4	150	0.53	100	1.52	0.0781	0.8	0.85	0.8	16.5	0.011	HDPE
DNE 235-91	MH-2577	MH-2578	598.25	597.97	597.17	597.02	14.3	150	0.35	100	1.52	0.0192	0.9	0.93	0.8	8.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-44	MH-1458	MH-141	584.77	584.6	583.64	583.53	11.5	271	1.44	100	8.0956	2.4163	0.8	0.86	0.8	42.9	0.01	HDPE
DNE 235-6	MH-2125	MH-115	591.51	591.24	590.28	590.16	11.4	271	1.45	100	8.0956	2.4896	0.9	0.96	0.8	43.6	0.01	HDPE
DNE 235-9	MH-1949	MH-2035	579.7	579.54	578.7	578.59	11.5	150	0.7	100	1.52	0.2051	0.8	0.85	0.8	29.4	0.011	HDPE
DNE 235-34	MH-2137	MH-132	579.72	579.75	578.48	578.59	12.2	150	0.6	104	1.4918	0.1246	1.1	1.09	1.01	25.5	0.011	HDPE
DNE 235-10	MH-2140	MH-2141	590.74	590.61	589.77	589.66	11.5	150	0.24	100	1.52	0.0063	0.8	0.81	0.8	4.8	0.011	HDPE
DNE 235-35	MH-2601	MH-895	572.83	572.79	571.88	571.84	14.4	150	0.18	440	0.725	0.0116	0.8	0.8	0.8	12.3	0.011	HDPE
DNE 235-55	MH-2602	MH-2603	578.52	578.39	577.2	577.15	14.4	150	0.6	249	0.9637	0.3706	1.1	1.16	1.09	43.2	0.011	HDPE
DNE 235-53	MH-2150	MH-2151	577.71	577.46	576.6	576.48	11.6	175	1.4	100	2.5221	2.2442	0.9	0.94	0.8	76.9	0.01	HDPE
DNE 235-55	MH-1838	MH-1436	576.92	576.83	575.87	575.78	11.6	150	0.6	120	1.3892	0.1459	0.9	0.89	0.9	24.8	0.011	HDPE
DNE 235-7	MH-1871	MH-2154	584.04	583.78	582.5	582.45	11.6	150	0.6	217	1.0323	0.3071	1.3	1.39	1.18	37.2	0.011	HDPE
DNE 235-3	MH-2155	MH-1845	590.91	590.86	589.96	589.87	11.6	150	0.47	133	1.3199	0.0734	0.8	0.8	0.84	17.6	0.011	HDPE
DNE 235-54	MH-2278	MH-1049	581.28	581.08	578.23	578.19	14.5	150	0.6	367	0.8725	0.4958	2.8	2.9	2.74	53.2	0.01	HDPE
DNE 235-55	MH-1829	MH-1283	579.54	579.48	578.59	578.53	11.7	150	0.31	179	1.135	0.0249	0.8	0.8	0.8	10.6	0.011	HDPE
DNE 235-8	MH-2613	MH-2614	594.48	594.4	593.53	593.45	14.5	150	0.31	183	1.1241	0.025	0.8	0.8	0.8	11	0.011	HDPE
DNE 235-61	MH-3034	MH-1138	582.83	582.47	581.69	581.52	17	150	0.54	100	1.52	0.0823	0.9	1	0.8	22.5	0.011	HDPE
DNE 235-3	MH-695	MH-2617	590.02	590.16	589.07	589.21	14.7	150	0.3	105	1.4831	0.0132	0.8	0.8	0.8	6.9	0.011	HDPE
DNE 235-57	MH-2618	MH-2619	571.73	571.6	570.66	570.53	14.5	271	1.35	111	7.6814	2.2011	0.8	0.8	0.8	41.3	0.01	HDPE
DNE 235-35	MH-2620	MH-296	572.89	572.86	571.94	571.91	14.5	150	0.12	437	0.7268	0.003	0.8	0.8	0.8	9.1	0.011	HDPE
DNE 235-54	MH-2176	MH-2177	578.1	577.95	576.77	576.75	11.7	400	0.77	545	8.9067	3.2684	0.9	0.93	0.8	37.3	0.011	HDPE
DNE 235-6	MH-2178	MH-1891	597.8	597.58	596.75	596.63	11.7	150	0.44	100	1.52	0.0428	0.9	0.9	0.8	12.3	0.011	HDPE
DNE 235-12	MH-2179	MH-2180	574.21	574.08	572.85	572.83	11.7	150	0.26	1,000	0.4807	0.1062	1.2	1.22	1.09	25.6	0.011	HDPE
DNE 235-33	MH-2629	MH-2630	594.52	594.66	593.57	593.71	14.6	150	0.5	110	1.4516	0.072	0.8	0.8	0.8	18.8	0.011	HDPE
DNE 235-55	MH-1695	MH-2194	579.42	579.31	578.47	578.36	11.8	150	0.46	106	1.475	0.0524	0.8	0.8	0.8	19.2	0.011	HDPE
DNE 235-55	MH-2947	MH-3052	571.04	570.74	569.93	569.76	17.1	175	1.3	100	2.5221	1.5493	0.9	0.94	0.8	62	0.01	HDPE
DNE 235-5	MH-2203	MH-2065	568.23	568	567.17	567.05	11.9	150	0.57	100	1.52	0.0982	0.9	0.91	0.8	18.5	0.011	HDPE
DNE 235-12	MH-2207	MH-2142	573.03	573.1	572.08	572.07	11.9	150	0.23	1,000	0.4807	0.0734	0.8	0.8	0.88	28.9	0.011	HDPE
DNE 235-57	MH-2657	MH-2658	574.79	574.66	573.84	573.71	14.7	150	0.78	115	1.417	0.3418	0.8	0.8	0.8	47.1	0.011	HDPE
DNE 235-51	MH-2659	MH-1460	568.43	568.32	567.26	567.23	14.7	217	0.6	519	1.9644	0.8335	0.9	0.96	0.87	43.7	0.01	HDPE
DNE 235-5	MH-2225	MH-2203	568.45	568.23	567.4	567.28	12	150	0.53	100	1.52	0.0789	0.9	0.91	0.8	16.6	0.011	HDPE
DNE 235-10	MH-2056	MH-2226	584.05	583.96	583.1	583.01	12	150	0.72	136	1.3034	0.3244	0.8	0.8	0.8	35.3	0.011	HDPE
DNE 235-56	MH-1189	MH-2229	578.14	577.88	577.05	576.93	12	150	0.56	100	1.52	0.0935	0.9	0.95	0.8	18	0.011	HDPE
DNE 235-32	MH-2674	MH-2675	591.94	591.72	590.92	590.77	14.8	150	0.3	100	1.52	0.0118	0.8	0.87	0.8	8.8	0.011	HDPE
DNE 235-4	MH-2235	MH-2084	584.35	584.08	582.99	582.88	12	400	1.5	100	20.7858	3.931	0.9	0.96	0.8	33.5	0.011	HDPE
DNE 235-16	MH-3082	MH-3083	589.93	589.76	588.98	588.81	17.2	150	1	103	1.6443	0.571	0.8	0.8	0.8	50.3	0.01	HDPE
DNE 235-54	MH-2237	MH-1475	577.58	577.42	576.34	576.22	12	400	1.42	100	20.7858	3.2929	0.8	0.84	0.8	30.5	0.011	HDPE
DNE 235-66	MH-1639	MH-2238	569.52	569.73	567.52	567.49	12	175	0.6	449	1.1897	0.6711	1.9	1.82	2.06	53.6	0.01	HDPE
DNE 235-4	MH-2243	MH-667	584.4	584.1	581.76	581.73	12.4	217	0.6	561	1.89	0.9335	2.3	2.42	2.15	43.8	0.01	HDPE
DNE 235-52	MH-1564	MH-2252	575.81	575.97	574.86	574.98	12.1	150	0.54	100	1.52	0.0826	0.8	0.8	0.84	17	0.011	HDPE
DNE 235-3	MH-2255	MH-1950	591.08	590.93	590.1	589.98	12.1	150	0.39	100	1.52	0.0285	0.8	0.83	0.8	10	0.011	HDPE
DNE 235-10	MH-2262	MH-2263	584.73	584.52	583.69	583.57	12.1	150	0.78	100	1.52	0.2824	0.8	0.89	0.8	31.6	0.011	HDPE
DNE 235-56	MH-1931	MH-2264	578.33	578.3	577.38	577.35	12.1	150	0.26	380	0.7802	0.034	0.8	0.8	0.8	15.1	0.011	HDPE
DNE 235-4	MH-2265	MH-2266	584.96	584.68	583.59	583.48	12.1	400	1.44	110	19.8363	3.8661	0.9	0.97	0.8	33.5	0.011	HDPE
DNE 235-32	MH-3106	MH-2358	580.38	580.2	579.43	579.25	17.4	150	0.28	100	1.52	0.0095	0.8	0.8	0.8	7.8	0.011	HDPE
DNE 235-4	MH-2267	MH-1667	586.94	586.71	585.88	585.76	12.1	150	0.44	100	1.52	0.0419	0.9	0.91	0.8	12.1	0.011	HDPE
DNE 235-55	MH-2268	MH-1109	575.34	575.23	574.39	574.28	12.1	150	0.52	107	1.4719	0.0762	0.8	0.8	0.8	16.4	0.011	HDPE
DNE 235-32	MH-2675	MH-276	591.72	591.62	590.77	590.67	15.1	150	0.35	149	1.2463	0.0299	0.8	0.8	0.8	10.7	0.011	HDPE
DNE 235-59	MH-2271	MH-2272	584.81	584.52	583.69	583.57	12.1	150	0.88	100	1.52	0.4502	0.9	0.97	0.8	46.1	0.011	HDPE
DNE 235-53	MH-2273	MH-1724	576.6	576.5	575.65	575.55	12.2	150	0.26	131	1.3299	0.0106	0.8	0.8	0.8	7.3	0.011	HDPE
DNE 235-51	MH-2275	MH-2276	572.33	572.23	570.1	570.09	12.2	400	0.7	1,000	6.573	5.741	1.8	1.83	1.74	70	0.011	HDPE
DNE 235-54	MH-2277	MH-2278	581.44	581.28	578.26	578.23	12.2	150	0.6	361	0.8802	0.4826	3	3.02	2.9	52.7	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-31	MH-2279	MH-1962	588.86	588.78	586.52	586.46	12.2	150	0.6	203	1.0671	0.2803	2.2	2.19	2.17	34.8	0.011	HDPE
ONE 235-8	MH-2718	MH-1768	589.67	589.48	588.68	588.53	15.1	150	0.41	100	1.52	0.0327	0.8	0.84	0.8	10.7	0.011	HDPE
ONE 235-32	MH-2286	MH-2287	591.69	591.57	590.32	590.33	12.2	150	0.18	1,000	0.4807	0.029	1.2	1.22	1.09	17.7	0.011	HDPE
ONE 235-10	MH-2288	MH-2289	585.91	585.64	584.81	584.69	12.3	150	0.68	100	1.52	0.1783	0.9	0.95	0.8	25	0.011	HDPE
ONE 235-10	MH-2723	MH-2724	590.44	590.27	589.47	589.32	15.2	150	0.36	100	1.52	0.0205	0.8	0.81	0.8	8.5	0.011	HDPE
ONE 235-59	MH-3121	MH-3122	581.2	580.77	579.16	579	17.5	150	0.6	105	1.485	0.123	1.8	1.89	1.63	23.4	0.011	HDPE
ONE 235-8	MH-2293	MH-2294	595.15	595	594.17	594.05	12.3	150	0.5	100	1.52	0.0641	0.8	0.83	0.8	14.9	0.011	HDPE
ONE 235-7	MH-2295	MH-139	586.57	586.59	585.62	585.51	12.3	150	0.6	111	1.4425	0.1334	0.9	0.8	0.93	23.5	0.011	HDPE
ONE 235-18	MH-2730	MH-2306	586.36	586.51	585.41	585.28	15.2	150	0.6	111	1.4441	0.133	0.9	0.8	1.08	21.8	0.011	HDPE
ONE 235-6	MH-2407	MH-2731	595.32	595.6	594.37	594.52	15.2	150	0.61	100	1.52	0.1256	0.9	0.8	0.93	20.9	0.011	HDPE
ONE 235-34	MH-496	MH-2733	583.12	583.32	581.65	581.51	15.2	150	0.6	109	1.457	0.1304	1.5	1.32	1.66	23.5	0.011	HDPE
ONE 235-19	MH-1714	MH-1307	579.38	579.1	576.14	576.23	12.3	150	0.6	132	1.3244	0.1641	2.9	3.1	2.72	24.7	0.011	HDPE
ONE 235-8	MH-2299	MH-254	580.53	580.32	579.49	579.37	12.2	150	0.39	100	1.52	0.0281	0.8	0.88	0.8	10	0.011	HDPE
ONE 235-56	MH-1796	MH-2301	576.07	576.05	575.12	575.1	12.3	150	0.28	660	0.5915	0.0895	0.8	0.8	0.8	23.4	0.011	HDPE
ONE 235-4	MH-1453	MH-1328	586.45	586.29	585.47	585.34	12.4	150	0.49	100	1.52	0.0607	0.8	0.83	0.8	16	0.011	HDPE
ONE 235-5	MH-2027	MH-723	569.84	569.97	568.71	568.8	12.4	150	0.6	145	1.262	0.1851	1	0.98	1.02	27.8	0.011	HDPE
ONE 235-18	MH-2305	MH-2306	586.63	586.51	585.68	585.56	12.4	150	0.4	100	1.5184	0.031	0.8	0.8	0.8	10.5	0.011	HDPE
ONE 235-59	MH-2311	MH-2312	580.19	580.49	579.24	579.23	12.4	150	0.14	1,000	0.4807	0.0126	1	0.8	1.11	14.1	0.011	HDPE
ONE 235-56	MH-1905	MH-2313	577.56	577.57	576.61	576.6	12.4	150	0.19	1,000	0.4807	0.0362	0.8	0.8	0.82	16.5	0.011	HDPE
ONE 235-2	MH-2020	MH-2757	594.82	594.63	593.84	593.68	15.4	150	0.67	100	1.52	0.1745	0.8	0.84	0.8	24.7	0.011	HDPE
ONE 235-52	MH-1454	MH-2316	571.63	571.7	570.54	570.5	12.5	150	0.6	363	0.8777	0.4868	1	0.94	1.05	49	0.01	HDPE
ONE 235-10	MH-2323	MH-2324	585.26	585.01	584.18	584.06	12.5	150	0.74	100	1.52	0.2454	0.9	0.93	0.8	29.4	0.011	HDPE
ONE 235-5	MH-2325	MH-1235	571.05	571.24	570.1	570	12.5	150	0.6	121	1.3823	0.1477	0.9	0.8	1.09	25.1	0.011	HDPE
ONE 235-24	MH-282	MH-2938	579.91	579.97	578.96	579.02	17.7	150	0.22	293	0.8873	0.0151	0.8	0.8	0.8	12.3	0.011	HDPE
ONE 235-7	MH-1343	MH-3153	588.89	588.45	587.68	587.5	17.7	150	0.49	100	1.52	0.0611	0.9	1.06	0.8	14.6	0.011	HDPE
ONE 235-7	MH-2245	MH-2199	588.9	588.59	587.77	587.64	12.6	150	0.33	100	1.52	0.0159	0.9	0.99	0.8	7.5	0.011	HDPE
ONE 235-1	MH-2034	MH-3158	595.99	596.24	594.97	595.15	17.7	217	1.14	100	4.476	0.9778	0.8	0.8	0.87	36	0.01	HDPE
ONE 235-56	MH-1865	MH-3159	579.19	578.84	578.06	577.89	17.7	150	0.5	100	1.52	0.0637	0.9	0.97	0.8	14.9	0.011	HDPE
ONE 235-54	MH-2773	MH-1855	584.38	584.15	583.36	583.2	15.5	150	1.02	100	1.52	0.7957	0.8	0.87	0.8	54.8	0.011	HDPE
ONE 235-7	MH-2200	MH-2014	588.3	587.99	587.16	587.04	12.6	150	0.39	100	1.52	0.0284	0.9	0.99	0.8	10	0.011	HDPE
ONE 235-3	MH-256	MH-2342	588.74	588.41	587.46	587.34	12.7	271	1.34	100	8.0956	1.8737	0.9	1.01	0.8	37.5	0.01	HDPE
ONE 235-56	MH-2301	MH-2347	576.05	575.98	575.1	575.03	12.7	150	0.46	196	1.0852	0.1057	0.8	0.8	0.8	20.8	0.011	HDPE
ONE 235-11	MH-2349	MH-643	591.22	591.04	590.26	590.09	17.2	150	0.58	100	1.52	0.1054	0.8	0.81	0.8	19.2	0.011	HDPE
ONE 235-34	MH-2350	MH-2351	583.81	583.66	582.84	582.71	12.8	150	0.34	100	1.52	0.0178	0.8	0.83	0.8	8	0.011	HDPE
ONE 235-56	MH-2352	MH-2353	572.73	572.54	571.72	571.59	12.8	150	0.95	100	1.52	0.5858	0.8	0.86	0.8	53.4	0.011	HDPE
ONE 235-2	MH-2282	MH-2355	590.87	590.74	589.92	589.79	12.8	150	0.8	100	1.5177	0.3196	0.8	0.8	0.8	37.6	0.011	HDPE
ONE 235-57	MH-2801	MH-2802	575.36	575.26	574.41	574.31	15.7	150	0.6	161	1.1975	0.2102	0.8	0.8	0.8	30.1	0.011	HDPE
ONE 235-32	MH-2358	MH-562	580.2	580.1	579.25	579.15	12.8	150	0.34	124	1.3673	0.0229	0.8	0.8	0.8	9.2	0.011	HDPE
ONE 235-56	MH-2366	MH-1479	576.61	576.52	575.66	575.57	12.8	150	0.76	141	1.2812	0.4087	0.8	0.8	0.8	41.9	0.011	HDPE
ONE 235-5	MH-2722	MH-2418	571.49	571.59	569.64	569.56	15.7	150	0.6	193	1.0939	0.2644	1.8	1.7	1.88	33.7	0.011	HDPE
ONE 235-61	MH-2813	MH-2814	583.05	582.75	581.95	581.8	15.8	150	0.53	100	1.52	0.078	0.9	0.94	0.8	16.5	0.011	HDPE
ONE 235-54	MH-2175	MH-2815	582.02	581.97	578.48	578.42	15.8	150	0.6	263	0.9378	0.3993	3.4	3.39	3.41	46.2	0.011	HDPE
ONE 235-12	MH-2377	MH-2179	574.16	574.21	572.86	572.85	12.9	150	0.17	1,000	0.4807	0.0243	1.2	1.15	1.22	26.6	0.011	HDPE
ONE 235-55	MH-2378	MH-2176	578.22	578.1	577.07	577.02	12.9	150	0.6	263	0.9375	0.3995	1	1	0.93	43.1	0.011	HDPE
ONE 235-8	MH-1572	MH-1258	584.1	583.78	582.96	582.83	12.9	150	0.85	100	1.52	0.3921	0.9	0.99	0.8	37.5	0.011	HDPE
ONE 235-55	MH-2820	MH-2821	579.78	580.04	577.93	577.91	15.8	150	0.25	1,000	0.4807	0.0948	1.8	1.71	1.98	31.6	0.011	HDPE
ONE 235-56	MH-2379	MH-1253	577.34	577.06	576.24	576.11	13	150	0.23	100	1.52	0.0048	0.9	0.95	0.8	4.2	0.011	HDPE
ONE 235-54	MH-2823	MH-2824	580.37	580.05	579.19	579.04	15.8	217	1.27	100	4.476	1.4325	0.9	0.95	0.8	43.9	0.01	HDPE
ONE 235-8	MH-2387	MH-1851	581.83	581.96	580.81	580.79	13	217	0.6	561	1.8901	0.9329	0.9	0.8	0.96	49.6	0.01	HDPE
ONE 235-56	MH-2264	MH-1121	578.3	578.27	577.35	577.32	13	150	0.27	412	0.7487	0.0438	0.8	0.8	0.8	19.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-61	MH-2395	MH-2396	581.4	581.06	580.25	580.11	13	150	0.63	100	1.52	0.1423	0.9	1	0.8	22.3	0.011	HDPE
ONE 235-6	MH-1884	MH-2403	597.09	596.85	596.03	595.9	13.1	150	0.54	100	1.52	0.0818	0.9	0.91	0.8	16.9	0.011	HDPE
ONE 235-6	MH-2406	MH-2407	595.07	595.32	594.12	594.25	13.1	150	0.64	100	1.52	0.146	0.9	0.8	0.92	22.6	0.011	HDPE
ONE 235-61	MH-2826	MH-2848	581.86	581.44	580.65	580.49	16	150	0.72	100	1.52	0.2158	0.9	1.05	0.8	27.5	0.011	HDPE
ONE 235-5	MH-2418	MH-2419	571.59	571.63	569.56	569.49	13.2	150	0.6	201	1.0722	0.2771	1.9	1.88	1.98	36.5	0.011	HDPE
ONE 235-4	MH-141	MH-2425	584.6	584.21	583.27	583.14	13.2	271	1.46	100	8.0956	2.5221	0.9	1.06	0.8	43.8	0.01	HDPE
ONE 235-9	MH-2428	MH-2429	598.37	598.1	597.28	597.15	13.2	150	0.34	100	1.52	0.0178	0.9	0.94	0.8	8	0.011	HDPE
ONE 235-8	MH-1594	MH-332	583.96	583.66	582.84	582.71	13.3	150	0.95	100	1.52	0.5873	0.9	0.97	0.8	46.5	0.011	HDPE
ONE 235-52	MH-1656	MH-2432	572.86	572.67	571.24	571.11	13.3	400	1.46	104	20.3341	3.7943	1.2	1.22	1.16	37.7	0.011	HDPE
ONE 235-61	MH-2433	MH-2434	582.19	581.82	581	580.87	13.3	150	0.59	100	1.52	0.1127	0.9	1.04	0.8	19.8	0.011	HDPE
ONE 235-53	MH-1066	MH-2440	575.21	575.07	572.18	572.17	13.4	400	0.65	1,000	6.573	4.0134	2.6	2.63	2.51	56.1	0.011	HDPE
ONE 235-52	MH-1916	MH-1215	575.48	575.49	572.75	572.7	13.4	150	0.6	232	0.9976	0.336	2.6	2.58	2.64	39.6	0.011	HDPE
ONE 235-2	MH-2090	MH-2441	593.46	593.26	592.45	592.31	13.4	150	0.72	100	1.52	0.2201	0.8	0.86	0.8	27.8	0.011	HDPE
ONE 235-51	MH-2442	MH-2443	561.11	560.75	559.29	559.24	13.4	600	1.49	300	36.1977	18.4068	1.1	1.23	0.91	50.1	0.011	HDPE
ONE 235-3	MH-2444	MH-2445	589.67	589.84	588.72	588.86	13.4	150	0.65	100	1.52	0.1535	0.8	0.8	0.83	23.2	0.011	HDPE
ONE 235-4	MH-2880	MH-1023	586.86	586.5	585.46	585.3	16.2	400	1.46	100	20.7858	3.5901	0.9	1	0.8	31.9	0.011	HDPE
ONE 235-10	MH-2092	MH-2447	590.59	590.44	589.62	589.49	13.4	150	0.41	100	1.52	0.034	0.8	0.82	0.8	10.9	0.011	HDPE
ONE 235-57	MH-1574	MH-1886	573.11	572.84	572.02	571.89	13.1	150	0.76	100	1.52	0.2585	0.9	0.94	0.8	33.7	0.011	HDPE
ONE 235-32	MH-2883	MH-2611	580.89	580.55	579.76	579.6	16.2	150	0.66	100	1.52	0.159	0.9	0.98	0.8	25.8	0.011	HDPE
ONE 235-30	MH-2448	MH-2449	595.01	594.94	593.5	593.49	13.4	600	0.92	1,000	19.3795	18.17	0.9	0.91	0.85	54.6	0.011	HDPE
ONE 235-5	MH-2450	MH-2319	569.36	569.31	568.41	568.36	13.4	150	0.22	262	0.9398	0.0131	0.8	0.8	0.8	9.2	0.011	HDPE
ONE 235-51	MH-2452	MH-2383	572.5	572.38	571.1	571.05	13.4	150	0.6	292	0.8901	0.4661	1.2	1.25	1.18	51	0.011	HDPE
ONE 235-54	MH-1281	MH-2887	582.33	582.03	578.6	578.71	16.2	150	0.6	155	1.2226	0.2013	3.4	3.58	3.17	35.7	0.011	HDPE
ONE 235-3	MH-1597	MH-2456	590.63	590.44	589.62	589.49	13.5	150	0.56	100	1.52	0.0925	0.8	0.85	0.8	17.9	0.011	HDPE
ONE 235-56	MH-2457	MH-2458	577.75	577.47	576.65	576.52	13.5	150	0.52	100	1.52	0.0727	0.9	0.94	0.8	15.9	0.011	HDPE
ONE 235-56	MH-1398	MH-2835	578.89	578.61	577.82	577.66	16.3	150	0.45	100	1.52	0.0457	0.9	0.92	0.8	12.7	0.011	HDPE
ONE 235-5	MH-2468	MH-2225	568.71	568.45	567.64	567.5	13.5	150	0.47	100	1.52	0.0509	0.9	0.92	0.8	13.3	0.011	HDPE
ONE 235-5	MH-876	MH-2469	571.59	571.53	569.81	569.73	13.6	150	0.6	172	1.1574	0.2306	1.6	1.63	1.65	31.3	0.011	HDPE
ONE 235-30	MH-3288	MH-3289	588.46	588.54	587.51	587.5	18.4	150	0.22	1,000	0.4807	0.0568	0.8	0.8	0.9	26.4	0.011	HDPE
ONE 235-5	MH-2908	MH-2909	595.04	594.77	593.98	593.82	16.3	150	0.49	100	1.52	0.0582	0.9	0.9	0.8	14.3	0.011	HDPE
ONE 235-7	MH-2478	MH-2479	585.67	585.32	584.51	584.37	13.6	150	0.73	100	1.52	0.2309	0.9	1.01	0.8	28.5	0.011	HDPE
ONE 235-7	MH-109	MH-139	586.61	586.59	585.39	585.51	13.6	150	0.6	114	1.4206	0.1384	1	1.07	0.93	27.6	0.011	HDPE
ONE 235-16	MH-3294	MH-3295	591.25	591.43	590.01	589.94	18.4	150	0.6	283	0.9031	0.4458	1.2	1.09	1.33	49.8	0.011	HDPE
ONE 235-56	MH-2458	MH-1322	577.47	577.22	576.41	576.27	13.6	150	0.53	100	1.52	0.0792	0.9	0.91	0.8	16.6	0.011	HDPE
ONE 235-12	MH-2488	MH-141	584.92	584.6	583.79	583.65	13.6	150	0.57	100	1.52	0.1011	0.9	0.98	0.8	18.8	0.011	HDPE
ONE 235-3	MH-2489	MH-2255	591.25	591.08	590.27	590.13	13.6	150	0.37	100	1.52	0.0234	0.8	0.83	0.8	9.1	0.011	HDPE
ONE 235-9	MH-2920	MH-2921	589.97	589.85	589.02	588.9	16.4	150	0.44	129	1.3401	0.0564	0.8	0.8	0.8	14.4	0.011	HDPE
ONE 235-53	MH-2440	MH-3307	575.07	574.89	572.17	572.15	18.5	400	0.65	1,000	6.573	4.0368	2.4	2.51	2.35	56.2	0.011	HDPE
ONE 235-66	MH-2238	MH-2053	569.73	569.98	567.49	567.46	13.7	175	0.6	455	1.1819	0.6853	2.2	2.06	2.34	54.5	0.01	HDPE
ONE 235-1	MH-2503	MH-2504	601.42	601.35	600.47	600.36	13.8	150	0.26	126	1.3528	0.0098	0.8	0.8	0.84	9.5	0.011	HDPE
ONE 235-3	MH-2321	MH-2505	589.79	589.62	588.81	588.67	13.8	150	0.51	100	1.52	0.0705	0.8	0.82	0.8	15.7	0.011	HDPE
ONE 235-51	MH-2506	MH-2507	571.92	572.04	570.36	570.34	13.8	217	0.6	604	1.8214	1.0461	1.4	1.35	1.49	54	0.01	HDPE
ONE 235-1	MH-2510	MH-2511	601	600.96	600.05	600.01	13.8	150	0.14	335	0.8306	0.0038	0.8	0.8	0.8	6.3	0.011	HDPE
ONE 235-56	MH-2937	MH-1772	573.89	573.55	572.77	572.6	16.5	150	0.73	100	1.52	0.2255	0.9	0.97	0.8	32.1	0.011	HDPE
ONE 235-56	MH-2313	MH-2463	577.57	577.49	576.6	576.54	13.9	150	0.33	244	0.9738	0.0469	0.8	0.82	0.8	15.1	0.011	HDPE
ONE 235-12	MH-1411	MH-1420	573.2	573.29	572.05	572.04	13.9	150	0.26	1,000	0.4807	0.1136	1	1	1.1	27.3	0.011	HDPE
ONE 235-34	MH-2514	MH-2116	586.7	586.45	585.64	585.5	13.9	150	0.56	100	1.52	0.0936	0.9	0.9	0.8	18	0.011	HDPE
ONE 235-57	MH-1287	MH-3322	571.12	570.83	569.95	569.76	18.6	271	1.49	100	8.0956	2.7171	0.9	0.9	0.8	45.6	0.01	HDPE
ONE 235-61	MH-1749	MH-2518	583.91	583.59	582.78	582.64	13.9	150	0.44	100	1.52	0.0429	0.9	0.98	0.8	12.3	0.011	HDPE
ONE 235-56	MH-1966	MH-2484	575.02	574.71	573.9	573.76	13.9	150	0.56	100	1.52	0.0942	0.9	0.97	0.8	18.1	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-44	MH-2332	MH-2136	585.88	585.56	584.26	584.21	14	400	1	293	12.1358	3.7533	1.1	1.21	0.94	37.3	0.011	HDPE
DNE 235-54	MH-3332	MH-3333	580.07	579.78	579.01	578.83	18.7	150	0.84	100	1.52	0.3695	0.9	0.9	0.8	36.3	0.011	HDPE
DNE 235-8	MH-2955	MH-2956	595.77	595.59	594.8	594.64	16.6	150	0.42	100	1.52	0.0357	0.8	0.81	0.8	11.2	0.011	HDPE
DNE 235-24	MH-2526	MH-2527	592.26	592.06	591.25	591.11	14	150	0.76	100	1.52	0.2594	0.8	0.85	0.8	30.2	0.011	HDPE
DNE 235-57	MH-2486	MH-2960	576.68	576.46	575.67	575.51	16.6	150	0.33	100	1.52	0.0158	0.8	0.86	0.8	7.5	0.011	HDPE
DNE 235-64	MH-2961	MH-2962	595.7	596.04	594.75	594.91	16.6	150	0.49	100	1.52	0.0578	0.9	0.8	0.97	14.2	0.011	HDPE
DNE 235-54	MH-2529	MH-2530	576.8	576.58	575.52	575.38	14	400	1.45	100	20.7858	3.5193	0.8	0.88	0.8	31.6	0.011	HDPE
DNE 235-55	MH-2533	MH-2534	576.49	576.29	575.48	575.34	14	150	0.86	100	1.52	0.4185	0.8	0.86	0.8	38.8	0.011	HDPE
DNE 235-32	MH-2540	MH-2541	591.46	591.31	590.35	590.36	14.1	150	0.11	1,000	0.4807	0.0063	0.9	0.96	0.8	11.9	0.011	HDPE
DNE 235-4	MH-2546	MH-2547	589.24	588.93	587.49	587.45	14.1	400	0.97	296	12.079	3.439	1.2	1.34	1.08	35.7	0.011	HDPE
DNE 235-19	MH-2987	MH-2988	578.62	578.73	576.67	576.65	16.7	150	0.26	1,000	0.4807	0.1157	1.9	1.8	1.93	31.2	0.011	HDPE
DNE 235-56	MH-2552	MH-1143	578.74	578.48	577.67	577.53	14.2	150	0.46	100	1.52	0.0468	0.9	0.93	0.8	12.8	0.011	HDPE
DNE 235-34	MH-2994	MH-2995	588.17	588.56	587.22	587.06	16.7	150	0.6	105	1.4818	0.1262	1.1	0.8	1.34	28.1	0.011	HDPE
DNE 235-71	MH-250	MH-2554	586.5	586.15	585.34	585.2	14.2	150	0.49	100	1.52	0.0594	0.9	1.01	0.8	14.4	0.011	HDPE
DNE 235-54	MH-2998	MH-2999	577.71	577.26	576.41	576.24	16.8	217	1.13	100	4.476	0.9627	0.9	1.08	0.8	35.7	0.01	HDPE
DNE 235-44	MH-899	MH-2243	584.77	584.4	581.78	581.76	14.2	217	0.6	550	1.908	0.908	2.6	2.77	2.42	48	0.01	HDPE
DNE 235-52	MH-2561	MH-2562	573.93	574.16	572	571.92	14.2	150	0.6	174	1.1537	0.2324	1.9	1.77	2.09	30.6	0.011	HDPE
DNE 235-6	MH-2563	MH-1806	596.22	596.43	595.27	595.41	14.2	150	0.88	100	1.52	0.445	0.8	0.8	0.86	40.1	0.011	HDPE
DNE 235-8	MH-3003	MH-2272	584.66	584.52	583.71	583.57	16.8	150	0.5	124	1.3666	0.0832	0.8	0.8	0.8	33.4	0.011	HDPE
DNE 235-21	MH-2568	MH-2569	594.72	594.51	593.71	593.56	14.2	150	0.28	100	1.52	0.0095	0.8	0.86	0.8	5.9	0.011	HDPE
DNE 235-9	MH-2578	MH-660	597.97	597.64	596.86	596.69	16.8	150	0.37	100	1.52	0.0229	0.9	0.97	0.8	9	0.011	HDPE
DNE 235-56	MH-1492	MH-1349	579.4	579.16	578.35	578.21	14.3	150	0.38	100	1.52	0.0271	0.8	0.89	0.8	9.8	0.011	HDPE
DNE 235-56	MH-2608	MH-1822	573.28	573.14	572.33	572.17	16.9	150	0.86	109	1.4554	0.4588	0.8	0.8	0.82	44.8	0.011	HDPE
DNE 235-9	MH-2579	MH-869	597.41	597.09	596.26	596.14	12.8	150	0.46	100	1.52	0.0468	0.9	0.99	0.8	23.4	0.011	HDPE
DNE 235-34	MH-2580	MH-2581	584.58	584.44	583.63	583.49	14.3	150	0.3	100	1.5193	0.0116	0.8	0.8	0.8	6.4	0.011	HDPE
DNE 235-35	MH-3379	MH-1625	573.56	573.6	572.61	572.55	19	150	0.21	320	0.8502	0.0144	0.8	0.8	0.9	11.3	0.011	HDPE
DNE 235-41	MH-823	MH-2265	585.28	584.96	583.61	583.59	14.3	400	0.64	1,000	6.573	3.8434	1.1	1.28	0.97	42.5	0.011	HDPE
DNE 235-24	MH-2446	MH-3022	575.83	575.8	574.88	574.85	16.9	150	0.16	536	0.6567	0.0105	0.8	0.8	0.8	10.1	0.011	HDPE
DNE 235-58	MH-3385	MH-3291	585.43	585.06	584.31	584.11	19.1	150	0.55	100	1.52	0.0877	0.9	0.97	0.8	17.5	0.011	HDPE
DNE 235-52	MH-3023	MH-2901	575.04	574.71	573.86	573.69	16.9	217	1.52	100	4.476	2.9705	0.9	0.96	0.8	65.5	0.01	HDPE
DNE 235-53	MH-3386	MH-2150	578.15	577.71	576.93	576.74	19.1	175	1.38	100	2.5221	2.105	0.9	1.04	0.8	74	0.01	HDPE
DNE 235-2	MH-38	MH-3024	596.6	596.42	595.64	595.47	17	150	0.83	100	1.52	0.3666	0.8	0.8	0.8	39.8	0.011	HDPE
DNE 235-8	MH-2399	MH-1070	598.42	598.06	597.28	597.11	17	150	0.45	100	1.52	0.0453	0.9	0.99	0.8	12.6	0.011	HDPE
DNE 235-55	MH-2594	MH-1897	575.95	575.64	574.83	574.69	14.4	150	0.89	100	1.52	0.4558	0.9	0.97	0.8	40.6	0.011	HDPE
DNE 235-8	MH-2294	MH-2597	595	594.81	594.01	593.86	14.4	150	0.51	100	1.52	0.071	0.8	0.84	0.8	15.8	0.011	HDPE
DNE 235-54	MH-3026	MH-2998	578.15	577.71	576.86	576.69	17	217	1.13	100	4.476	0.9365	0.9	1.08	0.8	35.2	0.01	HDPE
DNE 235-24	MH-2076	MH-1048	575.37	575.32	574.42	574.37	11.8	150	0.21	244	0.973	0.0103	0.8	0.8	0.8	7.5	0.011	HDPE
DNE 235-3	MH-180	MH-3028	588.79	588.92	587.84	587.82	17	150	0.25	1,000	0.4807	0.0931	0.9	0.8	0.95	59.4	0.011	HDPE
DNE 235-35	MH-3029	MH-3030	572.57	572.92	571.62	571.79	17	150	0.26	100	1.52	0.007	0.9	0.8	0.98	7.9	0.011	HDPE
DNE 235-4	MH-2266	MH-2235	584.68	584.35	583.03	582.99	14.4	400	0.89	414	10.2123	3.9124	1.1	1.25	0.96	40	0.011	HDPE
DNE 235-54	MH-3032	MH-3033	578.49	578.38	577.29	577.18	17	400	1.26	150	18.6919	2.8233	0.8	0.8	0.8	31.9	0.01	HDPE
DNE 235-3	MH-2505	MH-1206	589.62	589.44	588.63	588.49	14.4	150	0.53	100	1.52	0.0776	0.8	0.84	0.8	18.2	0.011	HDPE
DNE 235-56	MH-1915	MH-2608	573.44	573.28	572.47	572.33	14.5	150	0.88	100	1.52	0.4372	0.8	0.82	0.8	43.7	0.011	HDPE
DNE 235-55	MH-1500	MH-3037	578.47	578.35	577.29	577.27	17	150	0.24	1,000	0.4807	0.0783	1	1.03	0.93	28.3	0.011	HDPE
DNE 235-61	MH-3038	MH-2813	583.28	583.05	582.27	582.1	17	150	0.5	100	1.52	0.0659	0.8	0.87	0.8	15.2	0.011	HDPE
DNE 235-32	MH-2611	MH-2612	580.55	580.7	579.6	579.49	14.5	150	0.6	133	1.3193	0.1652	0.9	0.8	1.06	24.9	0.011	HDPE
DNE 235-23	MH-3406	MH-3407	583.82	583.75	582.79	582.8	19.2	150	0.14	1,000	0.4807	0.0135	0.8	0.89	0.8	15.9	0.011	HDPE
DNE 235-7	MH-2479	MH-1332	585.32	584.94	584.13	583.99	14.5	150	0.74	100	1.52	0.2422	0.9	1.04	0.8	29.2	0.011	HDPE
DNE 235-55	MH-3382	MH-2374	572.9	572.52	571.76	571.57	19.3	150	1.02	100	1.52	0.7709	0.9	0.98	0.8	53.9	0.011	HDPE
DNE 235-19	MH-3050	MH-1714	579.77	579.38	575.91	575.87	17.1	175	0.6	441	1.2013	0.6515	3.5	3.69	3.34	47.6	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-60	MH-2623	MH-2624	577.4	577.07	575.6	575.58	14.5	271	0.6	810	2.8451	1.6245	1.4	1.53	1.22	45.3	0.01	HDPE
DNE 235-55	MH-2821	MH-3871	580.04	580.38	577.91	577.89	23.1	150	0.26	1,000	0.4807	0.1155	2.2	1.98	2.34	30.7	0.011	HDPE
DNE 235-57	MH-1387	MH-3059	574.58	574.28	573.5	573.33	17.1	150	0.62	100	1.52	0.1336	0.9	0.93	0.8	21.6	0.011	HDPE
DNE 235-54	MH-1566	MH-2794	570.1	570.39	569.15	569.32	17.1	150	0.38	100	1.52	0.0262	0.9	0.8	0.92	11.2	0.011	HDPE
DNE 235-52	MH-2638	MH-1302	573.02	573.27	571.89	571.76	17.1	150	0.6	133	1.3197	0.1651	1.2	0.98	1.36	40.3	0.011	HDPE
DNE 235-55	MH-3563	MH-3381	573.74	573.3	572.55	572.35	20.5	150	1.01	100	1.52	0.7455	0.9	1.04	0.8	52.9	0.011	HDPE
DNE 235-61	MH-2652	MH-2653	580.8	580.45	579.65	579.5	14.7	150	0.34	100	1.52	0.0178	0.9	1	0.8	8	0.011	HDPE
DNE 235-30	MH-3077	MH-3078	595.5	595.22	594.44	594.27	17.2	150	0.67	100	1.52	0.1735	0.9	0.91	0.8	24.6	0.011	HDPE
DNE 235-24	MH-3484	MH-3325	587.72	587.55	586.77	586.6	23.2	150	0.43	139	1.2875	0.055	0.8	0.8	0.8	15.9	0.011	HDPE
DNE 235-31	MH-3080	MH-3010	589.49	589.9	588.54	588.71	17.2	150	0.73	100	1.52	0.2331	0.9	0.8	1.04	31.7	0.011	HDPE
DNE 235-55	MH-2662	MH-2062	576.06	576.06	575.05	575.04	14.7	150	0.24	1,000	0.4807	0.0805	0.9	0.85	0.87	38.9	0.011	HDPE
DNE 235-33	MH-1005	MH-686	592.97	592.84	590.84	590.96	20.6	150	0.6	173	1.1567	0.231	1.9	1.98	1.73	31.2	0.011	HDPE
DNE 235-12	MH-398	MH-1091	575.13	575.23	572.82	572.78	14.8	150	0.6	367	0.8727	0.4955	2.2	2.15	2.29	49.6	0.01	HDPE
DNE 235-61	MH-2670	MH-2671	593.81	593.5	592.69	592.55	14.8	150	0.5	100	1.52	0.0653	0.9	0.96	0.8	15.1	0.011	HDPE
DNE 235-11	MH-2672	MH-1675	596.4	596.62	595.45	595.6	14.8	150	0.49	100	1.52	0.0603	0.8	0.8	0.87	14.5	0.011	HDPE
DNE 235-33	MH-272	MH-3583	592.72	592.6	591.07	591.09	20.9	150	0.26	1,000	0.4807	0.1152	1.4	1.49	1.36	29.8	0.011	HDPE
DNE 235-56	MH-2676	MH-2457	578.06	577.75	576.95	576.8	14.8	150	0.5	100	1.52	0.0653	0.9	0.96	0.8	15.1	0.011	HDPE
DNE 235-56	MH-3097	MH-3098	576.55	576.18	575.41	575.23	17.3	150	0.38	100	1.52	0.0254	0.9	0.99	0.8	9.4	0.011	HDPE
DNE 235-24	MH-429	MH-669	576.16	575.89	575.07	574.94	13.2	150	0.43	100	1.52	0.0373	0.9	0.93	0.8	11.4	0.011	HDPE
DNE 235-61	MH-2434	MH-2395	581.82	581.4	580.6	580.45	14.9	150	0.61	100	1.52	0.1282	0.9	1.07	0.8	21.2	0.011	HDPE
DNE 235-24	MH-2678	MH-252	580.57	580.72	578.9	578.86	6.8	150	0.6	169	1.169	0.2253	1.6	1.52	1.71	30.7	0.011	HDPE
DNE 235-51	MH-2679	MH-2680	571.3	571.23	569.11	569.1	14.9	600	0.9	1,000	19.3795	15.4239	1.6	1.59	1.53	53.2	0.011	HDPE
DNE 235-7	MH-2681	MH-2682	587.97	587.6	586.8	586.65	14.9	150	0.53	100	1.52	0.0785	0.9	1.02	0.8	16.5	0.011	HDPE
DNE 235-64	MH-2687	MH-2003	596.13	595.86	595.06	594.91	14.9	150	0.61	100	1.52	0.1278	0.9	0.92	0.8	21.2	0.011	HDPE
DNE 235-54	MH-3108	MH-3001	582.54	582.38	581.59	581.43	17.4	150	0.66	111	1.4449	0.1797	0.8	0.8	0.8	27.8	0.011	HDPE
DNE 235-55	MH-1407	MH-2694	577.21	577.13	576.26	576.18	15	150	0.44	203	1.0658	0.0941	0.8	0.8	0.8	20.5	0.011	HDPE
DNE 235-11	MH-2700	MH-2115	594.8	594.97	593.79	593.94	15	217	1.32	100	4.476	1.6648	0.8	0.8	0.82	47.6	0.01	HDPE
DNE 235-7	MH-2704	MH-2224	584.22	583.85	583.05	582.9	15	150	0.61	100	1.52	0.1282	0.9	1.02	0.8	21.2	0.011	HDPE
DNE 235-10	MH-2185	MH-2288	586.27	585.91	585.11	584.96	15.1	150	0.64	100	1.52	0.1496	0.9	1.02	0.8	22.9	0.011	HDPE
DNE 235-35	MH-2705	MH-2706	572.69	573.01	571.42	571.4	15.1	150	0.23	1,000	0.4807	0.0692	1.3	1.12	1.45	25.7	0.011	HDPE
DNE 235-61	MH-2712	MH-1986	584.41	584.05	583.25	583.1	15.1	150	0.33	100	1.52	0.0164	0.9	1	0.8	7.7	0.011	HDPE
DNE 235-3	MH-2713	MH-2714	590.17	589.98	589.18	589.03	15.1	150	0.49	100	1.52	0.0591	0.8	0.84	0.8	14.4	0.011	HDPE
DNE 235-33	MH-3126	MH-2721	592.66	592.48	591.7	591.53	17.5	150	0.5	100	1.52	0.0624	0.8	0.81	0.8	14.8	0.011	HDPE
DNE 235-32	MH-1727	MH-2864	591.41	591.54	589.6	589.58	17.5	150	0.19	1,000	0.4807	0.0363	1.7	1.65	1.8	21.6	0.011	HDPE
DNE 235-7	MH-1881	MH-2295	587.02	586.57	585.8	585.62	17.5	150	0.59	100	1.52	0.1081	0.9	1.07	0.8	22.1	0.011	HDPE
DNE 235-33	MH-2721	MH-2521	592.48	592.29	591.49	591.34	15.1	150	0.51	100	1.52	0.0711	0.8	0.83	0.8	15.8	0.011	HDPE
DNE 235-32	MH-1765	MH-2286	591.84	591.69	590.31	590.32	15.2	150	0.19	1,000	0.4807	0.0371	1.3	1.39	1.22	19.5	0.011	HDPE
DNE 235-5	MH-2469	MH-2722	571.53	571.49	569.73	569.64	15.2	150	0.6	179	1.1349	0.2424	1.7	1.65	1.7	32.4	0.011	HDPE
DNE 235-61	MH-3129	MH-3130	598.62	598.35	597.58	597.4	17.6	150	0.78	100	1.52	0.2906	0.8	0.89	0.8	32.1	0.011	HDPE
DNE 235-33	MH-2725	MH-2726	596.19	596.02	595.22	595.07	15.2	150	0.37	100	1.52	0.0231	0.8	0.82	0.8	9	0.011	HDPE
DNE 235-61	MH-2727	MH-2728	584.61	584.33	580.79	580.86	15.2	150	0.6	253	0.9563	0.3782	3.5	3.67	3.32	48.6	0.011	HDPE
DNE 235-55	MH-1797	MH-1858	575.55	575.3	574.25	574.1	15.2	400	1.47	100	20.7858	3.7246	0.9	0.9	0.8	32.5	0.011	HDPE
DNE 235-2	MH-2331	MH-2734	594.02	593.82	593.03	592.87	15.3	150	0.7	100	1.52	0.2018	0.8	0.85	0.8	26.6	0.011	HDPE
DNE 235-34	MH-1689	MH-2737	591.23	591.05	590.26	590.1	15.3	150	0.32	100	1.52	0.0149	0.8	0.82	0.8	7.3	0.011	HDPE
DNE 235-33	MH-2742	MH-530	593.12	592.99	590.75	590.83	15.3	150	0.6	202	1.0704	0.2822	2.1	2.22	2.02	35.7	0.011	HDPE
DNE 235-32	MH-3148	MH-275	591.48	591.62	588.94	588.81	17.6	150	0.6	139	1.2886	0.1765	2.5	2.39	2.65	27.2	0.011	HDPE
DNE 235-35	MH-2748	MH-423	576.81	577.13	575.45	575.36	15.3	150	0.6	170	1.1663	0.2265	1.4	1.21	1.63	37.1	0.011	HDPE
DNE 235-33	MH-2755	MH-2756	593.97	594.1	593.02	593.14	15.4	150	0.64	124	1.367	0.1889	0.8	0.8	0.81	29	0.011	HDPE
DNE 235-8	MH-3068	MH-2293	595.37	595.15	594.38	594.2	17.7	150	0.48	100	1.52	0.0538	0.8	0.84	0.8	13.7	0.011	HDPE
DNE 235-55	MH-1762	MH-2662	576.04	576.06	575.07	575.05	15.4	150	0.23	1,000	0.4807	0.0699	0.8	0.82	0.85	32	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-9	MH-2768	MH-2769	598.36	598.07	597.28	597.12	15.4	150	0.32	100	1.52	0.015	0.9	0.93	0.8	7.4	0.011	HDPE
DNE 235-8	MH-2770	MH-2613	594.59	594.48	593.64	593.53	15.4	150	0.3	137	1.3004	0.0172	0.8	0.8	0.8	9.2	0.011	HDPE
DNE 235-35	MH-3150	MH-1595	572.96	572.93	572.01	571.98	17.8	150	0.22	509	0.674	0.0275	0.8	0.8	0.8	12.9	0.011	HDPE
DNE 235-2	MH-660	MH-2782	597.64	597.38	596.59	596.43	15.5	150	0.68	100	1.52	0.1782	0.9	0.9	0.8	25	0.011	HDPE
DNE 235-52	MH-2783	MH-2784	574.68	574.81	573.73	573.72	15.6	150	0.19	1,000	0.4807	0.0394	0.9	0.8	0.94	21.5	0.011	HDPE
DNE 235-59	MH-2787	MH-2704	584.6	584.22	583.43	583.27	15.6	150	0.61	100	1.52	0.1217	0.9	1.02	0.8	20.6	0.011	HDPE
DNE 235-11	MH-2792	MH-2793	590.12	589.92	589.01	588.85	15.6	271	1.32	100	8.0956	1.7698	0.8	0.84	0.8	36.4	0.01	HDPE
DNE 235-5	MH-2794	MH-2795	570.39	570.58	569.44	569.59	15.6	150	0.26	100	1.52	0.0075	0.8	0.8	0.84	5.2	0.011	HDPE
DNE 235-30	MH-1908	MH-2800	590.21	590.29	588.64	588.62	15.6	150	0.26	1,000	0.4807	0.1106	1.5	1.43	1.52	26.4	0.011	HDPE
DNE 235-9	MH-2769	MH-2803	598.07	597.76	596.97	596.81	15.7	150	0.35	100	1.52	0.0195	0.9	0.95	0.8	8.3	0.011	HDPE
DNE 235-6	MH-3211	MH-903	595.63	595.92	592.65	592.68	18	217	0.6	625	1.791	1.1051	2.9	2.76	3.03	57.5	0.01	HDPE
DNE 235-52	MH-2817	MH-2818	574.38	574.07	573.21	573.05	15.8	217	1.54	100	4.476	3.0843	0.9	0.95	0.8	66.9	0.01	HDPE
DNE 235-52	MH-1955	MH-2819	575.91	576.2	573.65	573.63	15.8	150	0.26	1,000	0.4807	0.1146	2.3	2.11	2.42	26.9	0.011	HDPE
DNE 235-3	MH-2822	MH-1836	590.49	590.09	589.11	589.02	15.8	271	1.04	177	6.0799	1.5936	1	1.11	0.8	36.8	0.01	HDPE
DNE 235-61	MH-2825	MH-2826	582.21	581.86	581.07	580.91	15.8	150	0.7	100	1.52	0.2015	0.9	0.99	0.8	26.6	0.011	HDPE
DNE 235-2	MH-2827	MH-2145	593.28	593.07	592.28	592.12	15.8	150	0.52	100	1.52	0.0731	0.8	0.85	0.8	16	0.011	HDPE
DNE 235-55	MH-1205	MH-3225	578.93	578.49	577.72	577.54	18.1	150	0.74	100	1.52	0.2404	0.9	1.06	0.8	29.1	0.011	HDPE
DNE 235-54	MH-1336	MH-1071	581.37	581.7	580.28	580.26	15.8	150	0.12	1,000	0.4807	0.0075	1.1	0.94	1.29	20.8	0.011	HDPE
DNE 235-11	MH-1676	MH-3229	596.75	597.03	595.8	595.98	18.1	150	0.45	100	1.52	0.0458	0.8	0.8	0.89	12.7	0.011	HDPE
DNE 235-56	MH-2835	MH-2438	578.61	578.36	577.57	577.41	15.9	150	0.51	100	1.52	0.068	0.8	0.89	0.8	15.4	0.011	HDPE
DNE 235-3	MH-2737	MH-2838	591.05	590.87	590.08	589.92	15.9	150	0.37	100	1.52	0.0224	0.8	0.83	0.8	8.9	0.011	HDPE
DNE 235-4	MH-2839	MH-383	591.13	590.78	587.71	587.7	15.9	271	0.6	921	2.668	2.0332	3	3.15	2.82	65.7	0.01	HDPE
DNE 235-31	MH-2841	MH-2842	589.03	588.64	587.85	587.69	15.9	150	0.43	100	1.52	0.0398	0.9	1.03	0.8	11.8	0.011	HDPE
DNE 235-23	MH-65	MH-1105	581.4	581.66	580.08	579.98	24.2	150	0.6	230	1.003	0.3312	1.4	1.17	1.53	38.2	0.011	HDPE
DNE 235-61	MH-2844	MH-2845	581.01	580.58	579.67	579.51	15.9	271	1.39	100	8.0956	2.1046	0.9	1.07	0.8	39.8	0.01	HDPE
DNE 235-3	MH-2838	MH-2846	590.87	590.67	589.88	589.72	16	150	0.4	100	1.52	0.0305	0.8	0.84	0.8	10.4	0.011	HDPE
DNE 235-8	MH-3243	MH-3244	594.29	594.13	593.34	593.17	18.1	150	0.32	107	1.4696	0.0156	0.8	0.8	0.81	9.1	0.011	HDPE
DNE 235-57	MH-3245	MH-3246	574.16	574.14	571.83	571.78	18.1	150	0.6	376	0.8623	0.5146	2.2	2.18	2.21	50.9	0.01	HDPE
DNE 235-55	MH-2854	MH-1494	577.95	577.56	576.77	576.61	15.9	150	0.81	100	1.52	0.3275	0.9	1.03	0.8	34.1	0.011	HDPE
DNE 235-60	MH-2296	MH-2855	575.54	575.3	574.38	574.22	16	271	1.36	100	8.0956	1.9489	0.8	0.89	0.8	38.2	0.01	HDPE
DNE 235-3	MH-2865	MH-357	586.27	586.1	585.19	585.02	16.1	271	1.41	100	8.0956	2.2489	0.8	0.82	0.8	53.1	0.01	HDPE
DNE 235-2	MH-2757	MH-2101	594.63	594.4	593.61	593.45	16	150	0.68	100	1.52	0.1822	0.8	0.87	0.8	25.2	0.011	HDPE
DNE 235-54	MH-2059	MH-2868	577.27	577.05	576.01	575.85	16.1	400	1.45	100	20.7858	3.4921	0.8	0.86	0.8	31.5	0.011	HDPE
DNE 235-56	MH-2875	MH-1921	575.82	575.47	574.69	574.52	16.1	150	0.51	100	1.52	0.0705	0.9	0.99	0.8	15.7	0.011	HDPE
DNE 235-3	MH-1077	MH-2713	590.35	590.17	589.38	589.22	16.1	150	0.47	100	1.52	0.0518	0.8	0.82	0.8	13.4	0.011	HDPE
DNE 235-19	MH-2877	MH-2099	580.38	580.04	579.25	579.09	16.1	150	0.29	100	1.52	0.0111	0.9	0.97	0.8	6.4	0.011	HDPE
DNE 235-8	MH-3271	MH-1790	599.28	598.89	598.12	597.94	18.3	150	0.38	100	1.52	0.0245	0.9	1.01	0.8	9.3	0.011	HDPE
DNE 235-53	MH-2113	MH-2881	575.76	575.59	573.47	573.46	16.2	400	0.62	1,000	6.573	3.3773	1.8	1.89	1.74	47.9	0.011	HDPE
DNE 235-57	MH-2802	MH-3275	575.26	575.18	574.31	574.2	18.3	150	0.6	169	1.1675	0.226	0.8	0.8	0.83	31.9	0.011	HDPE
DNE 235-61	MH-2396	MH-3276	581.06	580.61	579.84	579.66	18.4	150	0.66	100	1.52	0.1593	0.9	1.07	0.8	23.6	0.011	HDPE
DNE 235-56	MH-2884	MH-2352	572.78	572.73	571.83	571.72	16.2	150	0.83	142	1.2758	0.5688	0.8	0.8	0.86	49.9	0.011	HDPE
DNE 235-6	MH-2885	MH-2886	594.88	595.21	593.93	594.1	16.2	150	0.55	100	1.52	0.0873	0.9	0.8	0.97	24.1	0.011	HDPE
DNE 235-56	MH-1144	MH-2676	578.37	578.06	577.27	577.11	16.2	150	0.48	100	1.52	0.057	0.9	0.95	0.8	14.1	0.011	HDPE
DNE 235-59	MH-2890	MH-2891	587.73	587.33	586.54	586.38	16.2	150	0.8	100	1.52	0.3203	0.9	1.04	0.8	33.8	0.011	HDPE
DNE 235-55	MH-2892	MH-2533	576.74	576.49	575.71	575.54	16.2	150	0.86	100	1.52	0.4096	0.8	0.89	0.8	38.4	0.011	HDPE
DNE 235-58	MH-3291	MH-3292	585.06	584.63	583.9	583.68	21.8	150	0.56	100	1.52	0.0938	0.9	1.01	0.8	18.1	0.011	HDPE
DNE 235-54	MH-1764	MH-2897	582.85	582.7	581.9	581.75	16.3	150	0.6	105	1.483	0.126	0.8	0.8	0.81	24	0.011	HDPE
DNE 235-52	MH-2901	MH-2817	574.71	574.38	573.53	573.37	16.3	217	1.53	100	4.476	3.0315	0.9	0.96	0.8	66.2	0.01	HDPE
DNE 235-11	MH-1697	MH-1317	592.41	592.2	590.05	590.01	16.3	175	0.6	473	1.1597	0.7292	2.1	2.19	2.02	55.1	0.01	HDPE
DNE 235-7	MH-2154	MH-2902	583.78	583.38	582.45	582.37	16.3	150	0.6	219	1.0262	0.3128	1	1.18	0.85	36.8	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-24	MH-4122	MH-313	580.2	580.38	579.25	579.03	24.5	150	0.6	112	1.4358	0.1349	1	0.8	1.2	26.2	0.011	HDPE
DNE 235-2	MH-342	MH-832	590.67	590.95	589.6	589.77	17.5	271	1.53	100	8.0956	2.9979	0.9	0.8	0.91	48	0.01	HDPE
DNE 235-34	MH-2910	MH-2911	579.45	579.39	578.5	578.35	16.3	150	0.6	112	1.4392	0.1341	0.8	0.8	0.88	24.6	0.011	HDPE
DNE 235-10	MH-2289	MH-2323	585.64	585.26	584.47	584.31	16.3	150	0.72	100	1.52	0.2219	0.9	1.02	0.8	27.9	0.011	HDPE
DNE 235-9	MH-4024	MH-38	597.11	596.6	595.89	595.65	24.5	150	0.52	100	1.52	0.0744	0.9	1.07	0.8	27.5	0.011	HDPE
DNE 235-74	MH-2088	MH-1926	587.15	586.74	585.95	585.79	16.4	150	0.61	100	1.52	0.1225	0.9	1.04	0.8	22.6	0.011	HDPE
DNE 235-53	MH-1984	MH-2219	578.55	578.33	576.21	576.19	18.5	271	0.6	818	2.8304	1.6506	2	2.07	1.87	45.6	0.01	HDPE
DNE 235-7	MH-2554	MH-2917	586.15	585.73	584.95	584.78	16.4	150	0.51	100	1.52	0.0661	0.9	1.06	0.8	15.2	0.011	HDPE
DNE 235-55	MH-2870	MH-2195	575.82	575.47	574.69	574.52	16.4	150	0.94	100	1.52	0.5667	0.9	0.98	0.8	45.6	0.011	HDPE
DNE 235-58	MH-3091	MH-4135	584.44	583.9	583.2	582.95	24.6	150	0.49	100	1.52	0.06	0.9	1.09	0.8	14.5	0.011	HDPE
DNE 235-11	MH-2924	MH-2555	590.87	590.65	589.78	589.7	16.4	150	0.42	206	1.0582	0.086	0.9	0.93	0.8	19.5	0.011	HDPE
DNE 235-2	MH-2929	MH-1581	596.57	596.32	595.53	595.37	16.4	150	0.59	100	1.52	0.1081	0.8	0.88	0.8	19.4	0.011	HDPE
DNE 235-7	MH-3316	MH-2933	589.39	588.93	588.17	587.98	18.6	150	0.3	100	1.52	0.0117	0.9	1.07	0.8	6.5	0.011	HDPE
DNE 235-74	MH-2933	MH-2356	588.93	588.52	587.74	587.57	16.5	150	0.35	100	1.52	0.0184	0.9	1.04	0.8	8.1	0.011	HDPE
DNE 235-34	MH-2934	MH-2935	579.28	579.28	578.12	578.01	16.5	150	0.6	149	1.2466	0.1909	1.1	1.01	1.12	27.1	0.011	HDPE
DNE 235-12	MH-2936	MH-643	591.06	591.04	589.96	589.95	15.5	150	0.16	1,000	0.4807	0.0232	0.9	0.95	0.94	19.8	0.011	HDPE
DNE 235-56	MH-1197	MH-2937	574.2	573.89	573.1	572.94	16.5	150	0.72	100	1.52	0.2176	0.9	0.95	0.8	27.6	0.011	HDPE
DNE 235-1	MH-676	MH-3470	595.1	595.47	594.08	594.15	7.1	217	1.15	100	4.476	1.014	1	0.8	1.1	47.1	0.01	HDPE
DNE 235-3	MH-807	MH-2067	589.84	589.42	588.44	588.35	9.1	271	1.3	100	8.0956	1.6671	1	1.12	0.8	35.4	0.01	HDPE
DNE 235-9	MH-3472	MH-3473	598.21	597.86	597.11	596.91	19.8	150	0.38	100	1.52	0.0254	0.9	0.95	0.8	9.4	0.011	HDPE
DNE 235-2	MH-2734	MH-2089	593.82	593.6	592.82	592.65	16.5	150	0.71	100	1.52	0.2093	0.8	0.86	0.8	27.1	0.011	HDPE
DNE 235-12	MH-3338	MH-1041	577.51	577.25	576.49	576.3	18.7	150	0.48	100	1.52	0.0552	0.8	0.88	0.8	13.9	0.011	HDPE
DNE 235-55	MH-2946	MH-2947	571.37	571.04	570.23	570.07	16.5	175	1.29	100	2.5221	1.5011	0.9	0.96	0.8	61	0.01	HDPE
DNE 235-56	MH-2353	MH-2373	572.54	572.47	571.59	571.52	16.5	150	0.71	228	1.0063	0.6303	0.8	0.8	0.8	54.4	0.011	HDPE
DNE 235-61	MH-2950	MH-2951	580.89	580.51	579.72	579.56	16.5	150	0.76	100	1.52	0.2617	0.9	1.02	0.8	30.4	0.011	HDPE
DNE 235-54	MH-3033	MH-2176	578.38	578.1	577.18	576.9	33.2	400	1.37	121	20.8237	2.8555	0.8	0.8	0.8	28.4	0.01	HDPE
DNE 235-2	MH-3250	MH-1530	594.26	593.98	593.22	593.03	18.8	150	0.4	100	1.52	0.0295	0.8	0.89	0.8	10.2	0.011	HDPE
DNE 235-67	MH-3344	MH-3345	583.11	582.89	581.45	581.29	18.8	800	2.59	116	122.7978	40.93	0.8	0.86	0.8	46.5	0.011	HDPE
DNE 235-8	MH-2965	MH-2966	593.53	593.28	592.5	592.33	16.6	150	0.46	100	1.52	0.0477	0.8	0.88	0.8	12.9	0.011	HDPE
DNE 235-2	MH-2972	MH-2973	598.91	598.66	597.88	597.71	16.6	150	0.47	100	1.52	0.0502	0.8	0.88	0.8	13.3	0.011	HDPE
DNE 235-3	MH-2981	MH-2982	590.43	590.2	589.42	589.25	16.7	150	0.46	100	1.52	0.0473	0.8	0.86	0.8	12.9	0.011	HDPE
DNE 235-12	MH-2993	MH-2004	573.87	573.76	572.51	572.36	16.7	150	0.6	114	1.426	0.1372	1.2	1.21	1.24	22.2	0.011	HDPE
DNE 235-31	MH-3366	MH-3367	585.1	584.99	584.08	583.97	19	217	1.16	171	3.4204	2.23	0.8	0.8	0.8	60.2	0.01	HDPE
DNE 235-56	MH-3368	MH-2875	575.72	575.82	574.77	574.69	19	150	0.37	222	1.0208	0.0588	0.9	0.8	0.99	16.5	0.011	HDPE
DNE 235-2	MH-2236	MH-1864	595.67	595.45	594.69	594.5	19	150	0.63	100	1.52	0.1416	0.8	0.83	0.8	24.4	0.011	HDPE
DNE 235-3	MH-766	MH-315	587.24	586.8	585.68	585.67	16.8	271	0.6	952	2.6233	2.1794	1.1	1.28	0.86	54.8	0.01	HDPE
DNE 235-54	MH-2887	MH-2997	582.03	581.69	578.71	578.82	16.8	150	0.6	149	1.2444	0.1918	2.9	3.17	2.72	28.5	0.011	HDPE
DNE 235-6	MH-1807	MH-3373	596.57	596.86	595.62	595.81	19	150	0.86	100	1.52	0.4106	0.9	0.8	0.9	38.4	0.011	HDPE
DNE 235-58	MH-3000	MH-1978	581.26	580.92	580.14	579.97	16.8	150	0.95	100	1.52	0.5834	0.9	0.97	0.8	46.3	0.011	HDPE
DNE 235-54	MH-3001	MH-3002	582.38	582.22	581.43	581.27	16.8	150	0.69	102	1.5029	0.1959	0.8	0.8	0.8	29.4	0.011	HDPE
DNE 235-6	MH-3004	MH-3005	595.48	595.8	594.53	594.7	16.8	150	0.52	100	1.52	0.0726	0.9	0.8	0.95	15.9	0.011	HDPE
DNE 235-51	MH-1813	MH-2452	572.35	572.5	571.16	571.1	16.8	150	0.6	271	0.9238	0.4176	1.1	1.03	1.25	48.6	0.011	HDPE
DNE 235-33	MH-3008	MH-3009	592.94	592.74	591.96	591.79	16.8	150	0.42	100	1.52	0.0354	0.8	0.83	0.8	11.2	0.011	HDPE
DNE 235-31	MH-3010	MH-3011	589.9	590.05	588.95	589.1	16.8	150	0.33	114	1.4244	0.019	0.8	0.8	0.8	8.3	0.011	HDPE
DNE 235-5	MH-2002	MH-1976	569.28	569.54	568.33	568.53	20.3	150	0.72	100	1.52	0.2168	0.8	0.8	0.86	27.6	0.011	HDPE
DNE 235-6	MH-3016	MH-2687	596.47	596.13	595.35	595.18	16.9	150	0.59	100	1.52	0.114	0.9	0.97	0.8	20	0.011	HDPE
DNE 235-2	MH-3021	MH-1725	591.87	591.63	590.92	590.68	25.8	150	0.62	110	1.4499	0.1494	0.8	0.8	0.8	23.1	0.011	HDPE
DNE 235-34	MH-3394	MH-1552	583.83	583.42	582.67	582.47	19.1	150	0.29	100	1.52	0.0102	0.9	1.01	0.8	6.1	0.011	HDPE
DNE 235-52	MH-1344	MH-2559	576.72	576.98	575.77	575.94	16.9	150	0.28	100	1.52	0.0095	0.8	0.8	0.89	7.3	0.011	HDPE
DNE 235-52	MH-3356	MH-3283	573.6	573.67	572.36	572.22	19.1	150	0.6	137	1.298	0.1738	1.2	1.08	1.29	27.7	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-32	MH-2287	MH-2540	591.57	591.46	590.33	590.35	16.9	150	0.17	1,000	0.4807	0.0249	1	1.09	0.96	16	0.011	HDPE
DNE 235-54	MH-3169	MH-3397	579.13	579.29	578.18	578.13	19.1	150	0.6	372	0.8668	0.5063	0.9	0.8	1.02	50.4	0.01	HDPE
DNE 235-23	MH-3398	MH-429	576.26	576.16	575.31	575.21	19.2	150	0.31	184	1.1196	0.0263	0.8	0.8	0.8	10.4	0.011	HDPE
DNE 235-54	MH-1731	MH-3383	580.95	580.53	578.14	578.1	19.2	175	0.6	492	1.137	0.7804	2.5	2.64	2.26	60.2	0.01	HDPE
DNE 235-7	MH-3153	MH-2681	588.45	587.97	587.21	587.02	19.2	150	0.52	100	1.52	0.0698	0.9	1.08	0.8	15.6	0.011	HDPE
DNE 235-54	MH-3031	MH-2277	581.68	581.44	578.32	578.26	17	150	0.6	290	0.8931	0.4612	3.1	3.21	3.02	51.2	0.011	HDPE
DNE 235-24	MH-959	MH-3410	583.89	583.38	582.36	582.31	19.2	175	0.6	401	1.2597	0.5653	1.1	1.35	0.89	43.3	0.01	HDPE
DNE 235-7	MH-3411	MH-109	587.09	586.61	585.85	585.66	19.2	150	0.57	100	1.52	0.0966	0.9	1.09	0.8	18.3	0.011	HDPE
DNE 235-55	MH-3716	MH-3563	574.47	573.74	573.13	572.79	34	150	1	100	1.52	0.712	1	1.19	0.8	51.6	0.011	HDPE
DNE 235-52	MH-1334	MH-1563	575.5	575.71	574.55	574.72	17	150	0.58	100	1.52	0.1078	0.8	0.8	0.84	19.4	0.011	HDPE
DNE 235-55	MH-2694	MH-2520	577.13	577.05	576.18	576.1	17	150	0.47	191	1.1013	0.1098	0.8	0.8	0.8	21.8	0.011	HDPE
DNE 235-57	MH-481	MH-3039	573.31	573.16	571.16	571.14	17.1	271	0.6	889	2.7156	1.8993	1.8	1.89	1.75	59.4	0.01	HDPE
DNE 235-31	MH-57	MH-3419	581.36	580.93	580.1	579.91	19.4	217	1.14	100	4.476	0.9832	0.9	1.04	0.8	36.1	0.01	HDPE
DNE 235-58	MH-1641	MH-3000	581.67	581.26	580.52	580.31	20.6	150	0.93	100	1.52	0.5521	0.9	1.01	0.8	44.9	0.011	HDPE
DNE 235-10	MH-2052	MH-3046	589.77	589.58	588.8	588.63	17.1	150	0.52	100	1.52	0.0723	0.8	0.82	0.8	15.9	0.011	HDPE
DNE 235-55	MH-3049	MH-2268	575.6	575.34	574.56	574.39	17.1	150	0.52	100	1.52	0.0721	0.8	0.89	0.8	17.3	0.011	HDPE
DNE 235-9	MH-3055	MH-2428	598.71	598.37	597.59	597.42	17.1	150	0.31	100	1.52	0.014	0.9	0.97	0.8	7.1	0.011	HDPE
DNE 235-30	MH-5085	MH-4832	602.07	601.17	599.87	599.75	34.3	500	1.28	300	22.2603	9.9924	1.3	1.7	0.91	46.4	0.011	HDPE
DNE 235-11	MH-3931	MH-445	591.62	591.74	590.5	590.31	23.2	150	0.35	120	1.3852	0.0248	1.1	0.97	1.28	29.8	0.011	HDPE
DNE 235-6	MH-1940	MH-2192	598.28	598.01	597.23	597.06	17.1	150	0.78	100	1.52	0.2906	0.9	0.91	0.8	32.1	0.011	HDPE
DNE 235-9	MH-3227	MH-3822	598.27	597.84	597.12	596.89	23.2	150	0.39	100	1.52	0.0278	0.9	1.01	0.8	9.9	0.011	HDPE
DNE 235-24	MH-314	MH-2678	580.38	580.57	579.03	578.9	20.8	150	0.6	163	1.1892	0.2137	1.4	1.2	1.52	30.2	0.011	HDPE
DNE 235-8	MH-2956	MH-3068	595.59	595.37	594.59	594.42	17.2	150	0.45	100	1.52	0.0442	0.8	0.85	0.8	12.5	0.011	HDPE
DNE 235-51	MH-3069	MH-2908	595.31	595.04	594.26	594.09	17.2	150	0.4	100	1.52	0.0295	0.8	0.9	0.8	10.2	0.011	HDPE
DNE 235-11	MH-3070	MH-3071	590.95	591.09	590	590.14	15	150	0.42	105	1.4819	0.0378	0.8	0.8	0.8	11.6	0.011	HDPE
DNE 235-9	MH-3075	MH-3076	596.61	596.33	595.55	595.38	17.2	150	0.37	100	1.52	0.0242	0.9	0.9	0.8	9.2	0.011	HDPE
DNE 235-6	MH-3946	MH-3207	593.34	593.81	592.39	592.63	23.3	150	0.72	100	1.52	0.2228	0.9	0.8	1.04	28	0.011	HDPE
DNE 235-2	MH-2973	MH-1390	598.66	598.38	597.61	597.43	17.3	150	0.5	100	1.52	0.0629	0.9	0.91	0.8	14.8	0.011	HDPE
DNE 235-58	MH-3090	MH-3091	584.83	584.44	583.66	583.49	17.3	150	0.4	100	1.52	0.0311	0.9	1.02	0.8	10.5	0.011	HDPE
DNE 235-6	MH-3092	MH-3093	594.58	594.91	593.63	593.8	17.3	150	0.95	100	1.52	0.6031	0.9	0.8	0.96	47.1	0.011	HDPE
DNE 235-58	MH-3099	MH-1714	579.79	579.38	578.61	578.43	17.3	150	0.98	100	1.52	0.6639	0.9	1.03	0.8	49.7	0.011	HDPE
DNE 235-2	MH-2339	MH-2526	592.5	592.26	591.48	591.31	17.3	150	0.75	100	1.52	0.253	0.8	0.87	0.8	29.9	0.011	HDPE
DNE 235-51	MH-2454	MH-3102	572.82	572.68	571.87	571.73	17.3	150	0.94	128	1.3457	0.8052	0.8	0.8	0.8	59.9	0.011	HDPE
DNE 235-12	MH-3104	MH-2377	573.83	574.16	572.88	572.86	17.4	150	0.11	1,000	0.4807	0.0056	1	0.8	1.15	17.2	0.011	HDPE
DNE 235-59	MH-3135	MH-3964	587.47	586.89	586.17	585.94	23.4	150	0.8	100	1.52	0.3159	1	1.14	0.8	33.5	0.011	HDPE
DNE 235-35	MH-718	MH-1218	575.41	575.07	574.3	574.12	17.4	150	0.54	100	1.52	0.0828	0.9	0.97	0.8	17	0.011	HDPE
DNE 235-54	MH-3848	MH-2823	580.88	580.37	579.47	579.35	12.6	217	1.26	100	4.476	1.4094	1	1.19	0.8	43.6	0.01	HDPE
DNE 235-6	MH-3123	MH-3092	594.33	594.58	593.38	593.55	17.5	150	0.97	100	1.52	0.6363	0.8	0.8	0.87	53.4	0.011	HDPE
DNE 235-7	MH-3124	MH-1721	587.63	587.19	586.42	586.24	17.5	150	0.43	100	1.52	0.0391	0.9	1.06	0.8	11.7	0.011	HDPE
DNE 235-53	MH-3982	MH-3983	577.27	576.92	575.57	575.55	23.6	150	0.21	1,000	0.4807	0.0542	1.4	1.55	1.22	25	0.011	HDPE
DNE 235-10	MH-2226	MH-283	583.96	583.71	582.94	582.76	17.6	150	0.82	100	1.52	0.3395	0.8	0.87	0.8	34.7	0.011	HDPE
DNE 235-55	MH-2534	MH-2594	576.29	575.95	575.21	575	21.2	150	0.88	100	1.52	0.444	0.9	0.93	0.8	40	0.011	HDPE
DNE 235-65	MH-3131	MH-2007	569.3	569.21	567.66	567.61	17.6	175	0.6	412	1.242	0.589	1.4	1.46	1.42	48.2	0.01	HDPE
DNE 235-9	MH-3132	MH-3133	596.93	596.67	595.89	595.72	17.6	150	0.41	100	1.52	0.0325	0.8	0.89	0.8	10.7	0.011	HDPE
DNE 235-54	MH-2868	MH-2529	577.05	576.8	575.78	575.6	17.6	400	1.45	100	20.7858	3.506	0.8	0.87	0.8	31.5	0.011	HDPE
DNE 235-7	MH-2024	MH-117	583.75	583.88	582.8	582.78	17.6	150	0.1	1,000	0.4807	0.0042	0.9	0.8	0.95	28.8	0.011	HDPE
DNE 235-59	MH-3134	MH-3135	587.9	587.47	586.29	586.17	17.6	150	0.68	156	1.2171	0.307	1.3	1.46	1.14	36.2	0.011	HDPE
DNE 235-35	MH-3999	MH-3712	572.59	572.39	571.64	571.44	23.7	150	0.77	118	1.4006	0.3424	0.8	0.8	0.8	35.6	0.011	HDPE
DNE 235-55	MH-3037	MH-3140	578.35	578.21	577.27	577.26	17.6	150	0.26	935	0.4972	0.0964	0.9	0.93	0.8	25.8	0.011	HDPE
DNE 235-2	MH-3141	MH-3142	597.24	597.05	596.28	596.1	17.6	150	0.54	100	1.52	0.0818	0.8	0.82	0.8	16.9	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-53	MH-3144	MH-3145	580.22	579.87	579.07	578.9	17.6	175	1.36	100	2.5221	1.9507	0.9	0.98	0.8	70.8	0.01	HDPE
DNE 235-2	MH-3146	MH-2918	591.65	591.42	590.65	590.47	17.6	150	0.78	100	1.52	0.2898	0.8	0.86	0.8	32	0.011	HDPE
DNE 235-35	MH-1853	MH-3029	572.64	572.57	571.6	571.62	17.6	150	0.13	1,000	0.4807	0.0116	0.8	0.89	0.8	8.7	0.011	HDPE
DNE 235-54	MH-3147	MH-3026	578.6	578.15	577.31	577.14	17.6	217	1.11	100	4.476	0.9014	0.9	1.07	0.8	34.5	0.01	HDPE
DNE 235-35	MH-3149	MH-3150	572.98	572.96	572.03	572.01	17.7	150	0.16	1,000	0.4807	0.0205	0.8	0.8	0.8	13.8	0.011	HDPE
DNE 235-56	MH-1350	MH-2552	579.05	578.74	577.97	577.79	17.7	150	0.43	100	1.52	0.0387	0.9	0.93	0.8	11.6	0.011	HDPE
DNE 235-9	MH-3151	MH-3152	596.48	596.16	595.39	595.21	17.7	150	0.51	100	1.52	0.0692	0.9	0.93	0.8	15.5	0.011	HDPE
DNE 235-9	MH-3154	MH-1282	596.01	595.72	594.94	594.77	17.7	150	0.45	100	1.52	0.0442	0.9	0.92	0.8	12.5	0.011	HDPE
DNE 235-54	MH-3156	MH-3157	578.85	578.66	577.46	577.44	17.7	400	0.63	1,000	7.2303	2.7732	0.9	0.99	0.82	35.6	0.01	HDPE
DNE 235-54	MH-2824	MH-4012	580.05	579.46	578.68	578.44	23.8	217	1.28	100	4.476	1.4601	1	1.15	0.8	44.4	0.01	HDPE
DNE 235-53	MH-1532	MH-3163	574.33	574.53	573.38	573.36	17.7	150	0.26	1,000	0.4807	0.109	0.9	0.8	1.02	27.4	0.011	HDPE
DNE 235-52	MH-3166	MH-3167	573.49	573.53	572.54	572.52	17.7	150	0.26	1,000	0.4807	0.1131	0.8	0.8	0.86	28.1	0.011	HDPE
DNE 235-54	MH-3168	MH-3169	579.35	579.13	578.36	578.18	17.8	150	0.9	100	1.52	0.4836	0.8	0.84	0.8	49.8	0.011	HDPE
DNE 235-59	MH-3170	MH-3003	585.07	584.66	583.88	583.71	17.8	150	0.52	100	1.52	0.0724	0.9	1.04	0.8	17.7	0.011	HDPE
DNE 235-32	MH-3171	MH-3172	579.28	579.38	578.33	578.31	17.8	150	0.15	1,000	0.4807	0.0168	0.9	0.8	0.92	10.4	0.011	HDPE
DNE 235-35	MH-1219	MH-578	574.96	574.81	574.01	573.86	18	150	0.57	114	1.4213	0.1145	0.8	0.8	0.8	20.3	0.011	HDPE
DNE 235-9	MH-3174	MH-2577	598.59	598.25	597.48	597.3	17.8	150	0.32	100	1.52	0.0153	0.9	0.96	0.8	7.4	0.011	HDPE
DNE 235-24	MH-3178	MH-132	579.56	579.75	578.61	578.59	15	150	0.18	1,000	0.4807	0.0285	0.9	0.8	1.01	19.9	0.011	HDPE
DNE 235-52	MH-2461	MH-3185	575.35	575.67	574.4	574.38	17.9	150	0.25	1,000	0.4807	0.0942	1	0.8	1.14	30.8	0.011	HDPE
DNE 235-59	MH-3187	MH-3188	586.72	586.28	585.51	585.33	17.9	150	0.82	100	1.52	0.3445	0.9	1.06	0.8	35	0.011	HDPE
DNE 235-2	MH-3189	MH-3190	592.43	592.2	591.48	591.19	29	150	0.6	100	1.52	0.1167	0.8	0.8	0.86	20.2	0.011	HDPE
DNE 235-6	MH-1394	MH-43	595.58	595.23	594.46	594.28	17.9	150	0.65	100	1.52	0.1581	0.9	0.97	0.8	23.5	0.011	HDPE
DNE 235-3	MH-2473	MH-1554	592.04	591.75	591.04	590.8	24	150	0.36	100	1.52	0.0219	0.8	0.85	0.8	8.8	0.011	HDPE
DNE 235-7	MH-3197	MH-2478	586.12	585.67	584.9	584.72	18	150	0.71	100	1.52	0.2151	0.9	1.07	0.8	27.5	0.011	HDPE
DNE 235-10	MH-3046	MH-3198	589.58	589.35	588.58	588.4	18	150	0.54	100	1.52	0.0819	0.8	0.85	0.8	18.7	0.011	HDPE
DNE 235-32	MH-3201	MH-3202	581.47	581.07	580.3	580.12	18	150	0.64	100	1.52	0.1436	0.9	1.02	0.8	22.4	0.011	HDPE
DNE 235-30	MH-4050	MH-3427	612.73	612.22	611.51	611.27	24	150	0.67	100	1.52	0.1709	0.9	1.06	0.8	24.4	0.011	HDPE
DNE 235-6	MH-3207	MH-3208	593.81	594.2	592.86	593.04	18	150	0.7	100	1.52	0.2039	0.9	0.8	1.01	26.8	0.011	HDPE
DNE 235-53	MH-2078	MH-1895	574.94	575.18	573.05	572.91	18	150	0.6	132	1.3209	0.1648	1.9	1.74	2.11	26.3	0.011	HDPE
DNE 235-3	MH-3028	MH-3216	588.92	589.18	587.97	588.15	18	150	0.88	100	1.52	0.4387	0.8	0.8	0.88	39.7	0.011	HDPE
DNE 235-12	MH-3269	MH-2142	573.55	573.1	572.39	572.15	24.1	150	0.27	100	1.52	0.0087	0.9	1.01	0.8	5.6	0.011	HDPE
DNE 235-9	MH-4065	MH-3075	596.98	596.61	595.9	595.66	24.1	150	0.31	100	1.52	0.0135	0.9	0.94	0.8	7	0.011	HDPE
DNE 235-30	MH-3221	MH-535	603.79	603.5	602.67	602.49	18.1	217	1.21	100	4.476	1.2176	0.9	0.91	0.8	48.7	0.01	HDPE
DNE 235-65	MH-3222	MH-2991	571.99	572.33	571.04	571.22	18	150	0.74	100	1.52	0.2383	0.9	0.8	0.96	29	0.011	HDPE
DNE 235-23	MH-4069	MH-4070	582.57	582.45	581.5	581.32	24.1	150	0.6	140	1.2835	0.178	0.9	0.92	0.97	29.3	0.011	HDPE
DNE 235-54	MH-2897	MH-3108	582.7	582.54	581.75	581.59	18.1	150	0.62	116	1.4126	0.156	0.8	0.81	0.8	26.2	0.011	HDPE
DNE 235-9	MH-3226	MH-3227	598.62	598.27	597.5	597.32	18.1	150	0.33	100	1.52	0.0166	0.9	0.97	0.8	7.7	0.011	HDPE
DNE 235-57	MH-4073	MH-2658	574.85	574.66	573.84	573.71	24.2	150	0.63	189	1.1045	0.303	0.8	0.87	0.8	45.9	0.011	HDPE
DNE 235-6	MH-3898	MH-4074	599.7	599.41	598.7	598.46	24.2	150	0.66	100	1.52	0.1587	0.8	0.85	0.8	23.5	0.011	HDPE
DNE 235-8	MH-318	MH-1224	582.08	581.78	580.77	580.74	18.1	217	0.6	586	1.8486	0.9995	1	1.09	0.83	46.1	0.01	HDPE
DNE 235-54	MH-3157	MH-3032	578.66	578.49	577.44	577.29	18.1	400	1.36	120	20.8986	2.7985	0.8	0.82	0.8	31.7	0.01	HDPE
DNE 235-56	MH-1223	MH-3232	578.05	577.7	576.93	576.75	18.1	150	0.58	100	1.52	0.1065	0.9	0.97	0.8	19.3	0.011	HDPE
DNE 235-57	MH-1785	MH-2618	572.02	571.73	570.91	570.66	24.2	271	1.4	100	8.0956	2.1595	0.8	0.84	0.8	46.1	0.01	HDPE
DNE 235-3	MH-3061	MH-2155	591.14	590.91	590.14	589.96	18.1	150	0.5	100	1.52	0.0653	0.8	0.85	0.8	16.7	0.011	HDPE
DNE 235-30	MH-3427	MH-3428	612.22	611.87	611.11	610.92	19.4	150	0.7	100	1.52	0.1946	0.9	0.96	0.8	37.1	0.011	HDPE
DNE 235-12	MH-3545	MH-47	574.51	575.04	573.06	573.04	24.6	150	0.2	1,000	0.4807	0.0475	1.6	1.3	1.86	25.2	0.011	HDPE
DNE 235-2	MH-2569	MH-3250	594.51	594.26	593.5	593.31	18.2	150	0.35	100	1.52	0.0194	0.8	0.87	0.8	8.3	0.011	HDPE
DNE 235-12	MH-1421	MH-4089	573.33	573.55	571.97	571.75	24.3	150	0.6	111	1.4408	0.1338	1.4	1.21	1.64	23.8	0.011	HDPE
DNE 235-24	MH-4092	MH-3527	587.21	587.06	586.26	586.11	24.3	150	0.33	162	1.1937	0.0295	0.8	0.8	0.8	12.3	0.011	HDPE
DNE 235-8	MH-2597	MH-3256	594.81	594.6	593.83	593.65	18.2	150	0.54	100	1.52	0.0807	0.8	0.83	0.8	16.8	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-34	MH-3257	MH-3258	582.98	582.64	581.88	581.69	18.2	150	0.27	100	1.52	0.0085	0.9	0.96	0.8	12.6	0.011	HDPE
DNE 235-54	MH-2419	MH-3259	571.63	571.84	569.49	569.41	18.2	150	0.6	228	1.0062	0.3285	2.1	1.98	2.28	40	0.011	HDPE
DNE 235-64	MH-3261	MH-3262	570.81	570.43	569.66	569.48	18.2	150	0.54	100	1.52	0.0847	0.9	1	0.8	17.2	0.011	HDPE
DNE 235-10	MH-664	MH-617	588.6	588.43	587.54	587.48	5.2	150	0.52	100	1.52	0.0725	0.9	0.91	0.8	17.5	0.011	HDPE
DNE 235-12	MH-3268	MH-3269	573.87	573.55	572.78	572.6	18.3	150	0.21	100	1.52	0.0035	0.9	0.94	0.8	3.6	0.011	HDPE
DNE 235-35	MH-2748	MH-3270	576.81	576.42	575.45	575.47	18.3	150	0.22	1,000	0.4807	0.0657	1	1.21	0.8	28.2	0.011	HDPE
DNE 235-54	MH-3277	MH-1281	582.43	582.33	581.48	581.38	18.4	150	0.31	180	1.1327	0.027	0.8	0.8	0.8	10.5	0.011	HDPE
DNE 235-31	MH-3010	MH-3278	589.9	590.36	588.95	589.14	18.4	150	0.7	100	1.52	0.2026	0.9	0.8	1.07	26.7	0.011	HDPE
DNE 235-11	MH-3282	MH-2672	596.17	596.4	595.22	595.4	18.4	150	0.52	100	1.52	0.0693	0.8	0.8	0.85	15.5	0.011	HDPE
DNE 235-52	MH-3283	MH-2969	573.67	573.79	572.22	572.1	18.4	150	0.6	154	1.2263	0.1996	1.4	1.29	1.53	29.4	0.011	HDPE
DNE 235-10	MH-4123	MH-4124	588.85	588.53	587.83	587.58	24.5	150	0.45	100	1.52	0.046	0.8	0.88	0.8	12.7	0.011	HDPE
DNE 235-11	MH-4125	MH-2936	590.94	591.06	589.99	589.96	24.5	150	0.13	1,000	0.4807	0.0112	0.9	0.8	0.95	13.4	0.011	HDPE
DNE 235-24	MH-3293	MH-1242	587.42	587.64	586.37	586.35	18.4	150	0.26	1,000	0.4807	0.1148	1	0.91	1.14	27	0.011	HDPE
DNE 235-11	MH-4127	MH-4128	599.76	599.23	598.53	598.28	24.5	150	0.87	100	1.52	0.4346	0.9	1.08	0.8	39.5	0.011	HDPE
DNE 235-9	MH-2803	MH-2782	597.76	597.38	596.61	596.43	18.4	150	0.38	100	1.52	0.0246	0.9	1	0.8	9.3	0.011	HDPE
DNE 235-11	MH-3071	MH-3299	591.09	591.2	590.14	590.25	18.5	150	0.31	173	1.1547	0.0254	0.8	0.8	0.8	11.2	0.011	HDPE
DNE 235-35	MH-896	MH-3300	572.78	572.62	571.83	571.67	18.5	150	0.51	111	1.445	0.0744	0.8	0.8	0.8	23.2	0.011	HDPE
DNE 235-31	MH-3303	MH-2841	589.5	589.03	588.27	588.08	18.5	150	0.38	100	1.52	0.0262	0.9	1.08	0.8	9.6	0.011	HDPE
DNE 235-11	MH-3299	MH-3308	591.2	591.35	590.25	590.4	18.5	150	0.25	121	1.3831	0.0084	0.8	0.8	0.8	8	0.011	HDPE
DNE 235-34	MH-2733	MH-243	583.32	583.64	581.51	581.37	16.4	150	0.6	117	1.4079	0.1414	1.9	1.66	2.12	30	0.011	HDPE
DNE 235-54	MH-3311	MH-3312	581.18	580.88	580.12	579.93	18.5	150	0.62	100	1.52	0.1334	0.9	0.91	0.8	21.6	0.011	HDPE
DNE 235-56	MH-3313	MH-1397	579.33	579.01	578.24	578.06	18.6	150	0.36	100	1.52	0.0219	0.9	0.94	0.8	8.8	0.011	HDPE
DNE 235-54	MH-3314	MH-3315	580.12	579.69	578.02	577.98	18.6	217	0.6	511	1.9808	0.8143	1.7	1.88	1.49	40.8	0.011	HDPE
DNE 235-21	MH-2355	MH-341	590.74	590.67	589.79	589.71	18.6	150	0.6	227	1.0086	0.3264	0.8	0.8	0.81	37.8	0.011	HDPE
DNE 235-2	MH-3318	MH-3319	593.85	593.59	592.82	592.64	18.6	150	0.22	100	1.52	0.0043	0.8	0.87	0.8	4	0.011	HDPE
DNE 235-12	MH-2180	MH-2993	574.08	573.87	572.69	572.51	18.6	150	0.6	104	1.4919	0.1246	1.2	1.23	1.21	23.1	0.011	HDPE
DNE 235-30	MH-3488	MH-1907	589.98	590.14	588.67	588.65	19.9	150	0.24	1,000	0.4807	0.0829	1.3	1.16	1.34	29.5	0.011	HDPE
DNE 235-51	MH-2384	MH-3323	572.29	572.14	571.02	570.97	18.6	150	0.6	364	0.8769	0.4883	1.1	1.12	1.02	53.3	0.011	HDPE
DNE 235-24	MH-3325	MH-3326	587.55	587.42	586.6	586.47	18.7	150	0.46	143	1.2713	0.0712	0.8	0.8	0.8	18.8	0.011	HDPE
DNE 235-11	MH-3158	MH-2060	596.24	596.54	595.22	595.4	18.6	217	1.13	100	4.476	0.9609	0.9	0.8	0.92	35.6	0.011	HDPE
DNE 235-52	MH-1632	MH-2460	575.8	575.53	574.76	574.58	18.7	150	0.49	100	1.52	0.0584	0.8	0.89	0.8	14.3	0.011	HDPE
DNE 235-32	MH-3339	MH-1624	580.16	579.98	579.21	579.03	18.7	150	0.67	104	1.4897	0.1827	0.8	0.8	0.8	25.4	0.011	HDPE
DNE 235-3	MH-358	MH-501	586.09	585.5	584.53	584.42	10.2	271	1.43	100	8.0956	2.3258	1	1.3	0.8	47.7	0.011	HDPE
DNE 235-71	MH-2015	MH-2104	587.72	587.26	586.49	586.31	18.7	150	0.45	100	1.52	0.0453	0.9	1.08	0.8	12.6	0.011	HDPE
DNE 235-54	MH-3510	MH-3487	582.48	582.07	581.32	581.12	20.1	150	1.09	100	1.52	1.0153	0.9	1.01	0.8	62.9	0.011	HDPE
DNE 235-52	MH-2252	MH-1885	575.97	576.31	575.02	575.21	18.8	150	0.51	100	1.52	0.0688	0.9	0.8	0.95	15.5	0.011	HDPE
DNE 235-18	MH-3346	MH-2305	587.04	586.63	585.87	585.68	18.8	150	0.36	100	1.52	0.0211	0.9	1.02	0.8	10.1	0.011	HDPE
DNE 235-12	MH-3347	MH-3348	573.93	574.06	572.98	572.96	18.8	150	0.11	1,000	0.4807	0.006	0.9	0.8	0.95	7.6	0.011	HDPE
DNE 235-2	MH-2782	MH-869	597.38	597.09	596.3	596.14	16.4	150	0.71	100	1.52	0.2102	0.9	0.93	0.8	31.3	0.011	HDPE
DNE 235-34	MH-1552	MH-3522	583.42	583.07	582.1	582.12	20.2	150	0.13	1,000	0.4807	0.0114	1	1.18	0.8	13.2	0.011	HDPE
DNE 235-52	MH-3167	MH-3356	573.53	573.6	572.52	572.36	18.9	150	0.6	118	1.4	0.1432	1	0.86	1.08	25.5	0.011	HDPE
DNE 235-55	MH-3357	MH-1474	577.68	577.49	576.73	576.54	18.9	150	0.68	102	1.5044	0.1818	0.8	0.8	0.8	27.6	0.011	HDPE
DNE 235-2	MH-3142	MH-3212	597.05	596.81	596.06	595.86	20.2	150	0.56	100	1.52	0.0912	0.8	0.84	0.8	17.8	0.011	HDPE
DNE 235-24	MH-3527	MH-3528	587.06	586.92	586.11	585.97	20.2	150	0.4	147	1.252	0.0467	0.8	0.8	0.8	14.8	0.011	HDPE
DNE 235-61	MH-2962	MH-3363	596.04	596.39	595.09	595.28	19	150	0.45	100	1.52	0.046	0.9	0.8	0.97	12.7	0.011	HDPE
DNE 235-18	MH-5047	MH-4323	587.29	586.61	586	585.66	33.7	150	0.48	100	1.52	0.0556	1	1.14	0.8	13.9	0.011	HDPE
DNE 235-67	MH-3376	MH-3377	579.96	579.93	578.36	578.21	19	800	2.5	134	114.2056	44.0948	0.9	0.8	0.91	54	0.011	HDPE
DNE 235-55	MH-3381	MH-3382	573.3	572.9	572.14	571.95	19	150	1.01	100	1.52	0.7612	0.9	1.01	0.8	53.5	0.011	HDPE
DNE 235-33	MH-272	MH-5056	592.72	592.28	591.07	591.33	33.8	150	0.28	130	1.3334	0.0132	1.1	1.49	0.8	17.1	0.011	HDPE
DNE 235-54	MH-3383	MH-3314	580.53	580.12	578.1	578.06	19	175	0.6	498	1.1304	0.7952	2.1	2.26	1.88	54.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-33	MH-530	MH-3384	592.99	592.74	591.77	591.79	19.1	150	0.13	1,000	0.4807	0.0108	0.9	1.07	0.8	8.4	0.011	HDPE
ONE 235-30	MH-5058	MH-5059	608.61	608.41	607.66	607.41	33.8	150	0.6	137	1.2995	0.1702	0.8	0.8	0.84	25.3	0.011	HDPE
ONE 235-3	MH-2846	MH-2981	590.67	590.43	589.67	589.48	19.1	150	0.43	100	1.52	0.0392	0.8	0.85	0.8	11.7	0.011	HDPE
ONE 235-31	MH-3387	MH-3388	592.1	592.35	591.15	591.35	19.1	150	0.56	100	1.52	0.0934	0.8	0.8	0.85	18	0.011	HDPE
ONE 235-8	MH-35	MH-2387	582.25	581.83	580.85	580.81	12.4	217	0.74	313	2.5296	0.9185	1	1.19	0.8	45.2	0.01	HDPE
ONE 235-19	MH-3534	MH-5003	583.08	582.33	580.72	580.69	33.9	150	0.23	1,000	0.4807	0.0737	1.8	2.21	1.49	26.7	0.011	HDPE
ONE 235-11	MH-2556	MH-1919	590.56	590.31	589.55	589.36	19.1	150	0.59	100	1.52	0.1081	0.8	0.86	0.8	19.4	0.011	HDPE
ONE 235-2	MH-2763	MH-3189	592.71	592.43	591.68	591.48	20.5	150	0.58	100	1.52	0.1019	0.8	0.88	0.8	21.1	0.011	HDPE
ONE 235-24	MH-3567	MH-3568	578.38	578.26	576.99	576.94	20.5	175	0.6	435	1.2098	0.6371	1.2	1.21	1.14	46.9	0.01	HDPE
ONE 235-24	MH-3571	MH-765	586.84	587.25	585.83	585.81	20.6	150	0.24	1,000	0.4807	0.0873	1.1	0.86	1.29	28.6	0.011	HDPE
ONE 235-6	MH-3575	MH-1939	598.79	598.44	597.7	597.49	20.7	150	0.75	100	1.52	0.251	0.9	0.94	0.8	29.8	0.011	HDPE
ONE 235-10	MH-1960	MH-63	579.75	579.82	578.73	578.7	19.3	217	0.6	599	1.8287	1.0327	0.9	0.8	0.91	48.2	0.01	HDPE
ONE 235-8	MH-3413	MH-2955	595.97	595.77	595.01	594.82	19.3	150	0.38	100	1.52	0.0257	0.8	0.81	0.8	9.5	0.011	HDPE
ONE 235-24	MH-248	MH-1858	575.28	575.3	574.32	574.32	7.8	150	0.25	1,000	0.4807	0.1035	0.8	0.81	0.83	24.9	0.011	HDPE
ONE 235-51	MH-3323	MH-2506	572.14	571.92	570.97	570.87	34.3	150	0.6	371	0.8675	0.5048	1	1.02	0.9	50.3	0.01	HDPE
ONE 235-31	MH-3924	MH-3925	588.47	587.92	587.2	586.97	23.1	150	0.52	100	1.52	0.0723	1	1.11	0.8	19.8	0.011	HDPE
ONE 235-54	MH-3594	MH-3147	579.1	578.6	577.79	577.58	20.8	217	1.1	100	4.476	0.8664	0.9	1.09	0.8	33.8	0.01	HDPE
ONE 235-33	MH-3928	MH-3695	593.54	593.75	592.59	592.8	23.2	150	0.73	110	1.4501	0.2584	0.8	0.8	0.8	34.6	0.011	HDPE
ONE 235-33	MH-3912	MH-1112	591.84	591.57	590.85	590.62	23.2	150	0.52	100	1.52	0.073	0.8	0.84	0.8	22.6	0.011	HDPE
ONE 235-24	MH-3528	MH-3593	586.92	586.8	585.97	585.85	23.2	150	0.4	184	1.122	0.0631	0.8	0.8	0.8	21.3	0.011	HDPE
ONE 235-9	MH-3936	MH-3132	597.36	596.93	596.21	595.98	23.2	150	0.36	100	1.52	0.0218	0.9	1	0.8	8.8	0.011	HDPE
ONE 235-61	MH-3940	MH-3941	583.69	583.19	582.48	582.24	23.2	150	0.65	100	1.52	0.1513	0.9	1.07	0.8	23	0.011	HDPE
ONE 235-53	MH-4504	MH-2819	576.91	576.2	575.6	575.25	34.6	150	0.68	100	1.52	0.1781	1	1.16	0.8	25	0.011	HDPE
ONE 235-34	MH-2916	MH-5107	590.9	590.37	589.44	589.41	34.6	150	0.25	1,000	0.4807	0.1013	1.1	1.31	0.81	29.3	0.011	HDPE
ONE 235-11	MH-3949	MH-220	591.14	590.84	590.13	589.89	23.3	150	0.98	100	1.672	0.5098	0.8	0.87	0.8	48.3	0.01	HDPE
ONE 235-54	MH-3951	MH-3952	586.49	585.99	585.28	585.04	23.3	150	0.81	100	1.52	0.3281	0.9	1.06	0.8	34.2	0.011	HDPE
ONE 235-11	MH-845	MH-2349	591.55	591.22	590.29	590.26	15.3	150	0.34	420	0.7415	0.0989	1	1.1	0.81	22.6	0.011	HDPE
ONE 235-18	MH-3953	MH-2730	586.88	586.36	585.65	585.41	23.4	150	0.59	100	1.52	0.1138	0.9	1.08	0.8	22.4	0.011	HDPE
ONE 235-1	MH-2511	MH-2570	600.96	600.75	600.01	599.8	23.4	150	0.31	110	1.4506	0.0151	0.8	0.8	0.8	9	0.011	HDPE
ONE 235-24	MH-551	MH-247	575.71	575.28	574.56	574.33	22.3	150	0.53	100	1.52	0.0789	0.9	1.01	0.8	23.8	0.011	HDPE
ONE 235-61	MH-3961	MH-2317	583.4	582.74	582.02	581.79	23.4	150	0.53	100	1.52	0.0783	1	1.23	0.8	23.5	0.011	HDPE
ONE 235-55	MH-1195	MH-1612	579.37	579.24	578.42	578.28	23.4	150	0.6	163	1.1889	0.2138	0.8	0.8	0.81	29.1	0.011	HDPE
ONE 235-8	MH-2272	MH-1608	584.52	584.32	583.57	583.37	23.4	150	0.88	115	1.4154	0.5447	0.8	0.8	0.8	45.4	0.011	HDPE
ONE 235-67	MH-3634	MH-3635	579.75	579.7	576.7	576.64	21.1	900	1.76	359	95.3664	46.7755	2.1	2.14	2.16	64.5	0.011	HDPE
ONE 235-7	MH-2357	MH-3124	588.21	587.63	586.91	586.68	23.5	150	0.4	100	1.52	0.0311	1	1.15	0.8	10.5	0.011	HDPE
ONE 235-8	MH-3910	MH-3973	594.64	594.44	593.69	593.49	23.5	150	0.5	115	1.4171	0.0737	0.8	0.8	0.8	18.5	0.011	HDPE
ONE 235-33	MH-966	MH-852	591.75	591.92	590.32	590.22	23.5	150	0.6	249	0.9625	0.372	1.4	1.29	1.55	46.1	0.011	HDPE
ONE 235-11	MH-986	MH-2792	590.3	590.12	589.23	589.01	23.5	271	1.28	107	7.8148	1.7487	0.8	0.8	0.84	41.2	0.01	HDPE
ONE 235-11	MH-3977	MH-3931	591.47	591.62	590.52	590.5	23.5	150	0.12	1,000	0.4807	0.0079	0.9	0.8	0.97	9.4	0.011	HDPE
ONE 235-10	MH-5135	MH-4123	589.3	588.85	588.25	587.9	35	150	0.41	100	1.52	0.034	0.8	0.9	0.8	10.9	0.011	HDPE
ONE 235-67	MH-1476	MH-3344	583.31	583.11	581.48	581.45	23.6	800	1.12	1,000	41.7362	40.9069	0.9	1.03	0.86	57.5	0.011	HDPE
ONE 235-11	MH-2298	MH-2170	591.65	591.28	590.57	590.33	23.6	150	0.67	100	1.52	0.1765	0.9	0.93	0.8	24.9	0.011	HDPE
ONE 235-57	MH-3039	MH-3986	573.16	572.9	571.14	571.11	23.6	271	0.6	894	2.7075	1.9201	1.6	1.75	1.51	57.7	0.01	HDPE
ONE 235-12	MH-3987	MH-3894	586.02	585.69	584.98	584.74	23.6	150	0.46	100	1.52	0.0467	0.8	0.89	0.8	14.4	0.011	HDPE
ONE 235-32	MH-3997	MH-3998	580.9	580.46	579.75	579.51	23.7	150	0.39	100	1.52	0.0287	0.9	1.01	0.8	10.1	0.011	HDPE
ONE 235-33	MH-4001	MH-3911	592.39	592.12	591.41	591.17	23.7	150	0.42	100	1.52	0.0346	0.8	0.83	0.8	11	0.011	HDPE
ONE 235-8	MH-3244	MH-3761	594.13	593.88	593.17	592.93	23.7	150	0.38	100	1.52	0.0265	0.8	0.81	0.8	9.7	0.011	HDPE
ONE 235-52	MH-4003	MH-3023	575.49	575.04	574.26	574.03	23.7	217	1.51	100	4.476	2.8498	0.9	1.01	0.8	63.9	0.01	HDPE
ONE 235-54	MH-4004	MH-3277	582.67	582.43	581.72	581.48	23.7	150	0.28	102	1.5023	0.0103	0.8	0.8	0.8	8.5	0.011	HDPE
ONE 235-53	MH-3735	MH-3889	572.64	572.32	570.3	570.27	35.2	400	0.68	1,000	6.573	5.0326	1.8	1.94	1.65	62.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-1	MH-4005	MH-4006	599.3	598.92	598.2	597.97	23.7	150	0.56	100	1.52	0.0917	0.9	0.95	0.8	20.3	0.011	HDPE
DNE 235-2	MH-3190	MH-3021	592.2	591.87	591.13	590.92	21.7	150	0.62	100	1.52	0.1349	0.9	0.92	0.8	24.1	0.011	HDPE
DNE 235-33	MH-4007	MH-4008	593.52	593.15	591.42	591.38	23.7	217	0.6	528	1.9478	0.8548	1.7	1.88	1.56	45.2	0.01	HDPE
DNE 235-52	MH-1414	MH-4003	575.96	575.49	574.71	574.47	23.8	217	1.5	100	4.476	2.7819	0.9	1.03	0.8	63.1	0.01	HDPE
DNE 235-10	MH-4013	MH-4014	590.41	590.14	589.43	589.19	23.8	150	0.29	100	1.52	0.0102	0.8	0.83	0.8	6.1	0.011	HDPE
DNE 235-11	MH-2385	MH-3902	594.19	594.51	593.18	593.41	23.9	217	1.33	100	4.476	1.7044	0.8	0.8	0.88	48.2	0.01	HDPE
DNE 235-12	MH-5168	MH-5169	593.58	592.71	592.11	591.76	35.4	150	0.57	100	1.52	0.0998	1.1	1.31	0.8	18.6	0.011	HDPE
DNE 235-9	MH-4023	MH-4024	597.44	597.11	596.4	596.16	23.9	150	0.5	100	1.52	0.0648	0.8	0.89	0.8	15	0.011	HDPE
DNE 235-23	MH-4025	MH-4026	581.56	581.97	579.1	579.13	23.9	271	0.6	885	2.721	1.8853	2.4	2.18	2.57	49.7	0.01	HDPE
DNE 235-33	MH-4029	MH-4030	593.95	593.62	590.53	590.47	24	175	0.6	405	1.2531	0.5732	3.1	3.25	2.97	47.9	0.01	HDPE
DNE 235-33	MH-4030	MH-2564	593.62	593	590.47	590.42	24	175	0.6	421	1.2286	0.6079	2.7	2.97	2.41	45.5	0.01	HDPE
DNE 235-3	MH-2714	MH-2444	589.98	589.67	588.96	588.72	24	150	0.51	100	1.52	0.068	0.8	0.87	0.8	15.4	0.011	HDPE
DNE 235-52	MH-4037	MH-4038	573.46	573.14	571.61	571.59	24	400	0.61	1,000	6.573	3.1814	1.3	1.44	1.15	41.3	0.011	HDPE
DNE 235-53	MH-4039	MH-1579	578.23	577.87	576.41	576.39	24	150	0.22	1,000	0.4807	0.063	1.5	1.66	1.33	26.2	0.011	HDPE
DNE 235-54	MH-3906	MH-3487	582.36	582.07	581.33	581.12	24	150	0.72	112	1.437	0.2476	0.8	0.87	0.8	29.9	0.011	HDPE
DNE 235-11	MH-4044	MH-4045	593.29	592.85	592.16	591.9	25.4	150	0.85	100	1.52	0.3918	0.9	0.98	0.8	37.5	0.011	HDPE
DNE 235-12	MH-3856	MH-2179	574.51	574.21	573.22	573.2	24	150	0.23	1,000	0.4807	0.0703	1	1.14	0.87	21.2	0.011	HDPE
DNE 235-9	MH-4054	MH-1971	589.82	590.01	588.87	588.84	24.1	150	0.22	1,000	0.4807	0.0597	0.9	0.8	1.02	25	0.011	HDPE
DNE 235-61	MH-4055	MH-4056	584.26	583.76	583.05	582.81	24.1	150	0.39	100	1.52	0.0274	0.9	1.06	0.8	9.8	0.011	HDPE
DNE 235-61	MH-764	MH-3535	596.73	596.29	595.58	595.34	24.1	150	0.82	100	1.52	0.3452	0.9	1	0.8	35.1	0.011	HDPE
DNE 235-11	MH-1318	MH-5210	592.14	591.73	589.96	589.91	35.9	217	0.6	675	1.723	1.2673	1.8	1.96	1.61	63.3	0.01	HDPE
DNE 235-30	MH-5211	MH-5212	597.91	597.34	596.75	596.39	35.9	150	0.42	100	1.52	0.0358	0.9	1.01	0.8	11.2	0.011	HDPE
DNE 235-32	MH-2612	MH-3339	580.7	580.16	579.45	579.21	24.1	150	0.67	100	1.52	0.1753	1	1.1	0.8	27.1	0.011	HDPE
DNE 235-11	MH-3803	MH-4044	593.72	593.29	592.58	592.34	24.2	150	0.76	100	1.52	0.2615	0.9	0.99	0.8	30.4	0.011	HDPE
DNE 235-52	MH-1846	MH-4079	573.56	573.95	572.61	572.88	27.4	150	0.78	100	1.52	0.2978	0.9	0.8	0.92	36.2	0.011	HDPE
DNE 235-51	MH-2064	MH-2325	571.16	571.05	570.19	570.1	24.3	150	0.39	288	0.8956	0.0993	0.8	0.83	0.8	23.4	0.011	HDPE
DNE 235-53	MH-4080	MH-4081	583.78	583.31	582.6	582.36	24.3	150	0.51	100	1.52	0.0663	0.9	1.03	0.8	15.2	0.011	HDPE
DNE 235-31	MH-4082	MH-310	590.02	590.3	589.07	589.31	24.3	150	0.67	100	1.52	0.1768	0.8	0.8	0.84	27.9	0.011	HDPE
DNE 235-35	MH-4083	MH-3060	574.07	573.53	572.83	572.58	24.3	150	0.7	100	1.52	0.1974	0.9	1.09	0.8	26.3	0.011	HDPE
DNE 235-11	MH-4086	MH-4087	593.22	592.93	592.22	591.98	24.3	150	0.3	100	1.52	0.0125	0.8	0.85	0.8	6.7	0.011	HDPE
DNE 235-32	MH-3437	MH-57	581.79	581.36	580.61	580.41	19.5	150	0.42	100	1.52	0.0349	0.9	1.03	0.8	11.1	0.011	HDPE
DNE 235-81	MH-3658	MH-2965	593.78	593.53	592.82	592.58	24.3	150	0.42	100	1.52	0.035	0.8	0.81	0.8	11.1	0.011	HDPE
DNE 235-61	MH-4056	MH-3038	583.76	583.28	582.58	582.33	24.4	150	0.47	100	1.52	0.0497	0.9	1.03	0.8	13.2	0.011	HDPE
DNE 235-19	MH-4102	MH-647	585.2	584.71	584.01	583.76	24.4	150	0.82	100	1.52	0.3452	0.9	1.05	0.8	39.2	0.011	HDPE
DNE 235-91	MH-4103	MH-3174	599.07	598.59	597.89	597.64	24.4	150	0.28	100	1.52	0.0097	0.9	1.03	0.8	5.9	0.011	HDPE
DNE 235-34	MH-4106	MH-4107	579.33	579.45	578.13	578.27	24.4	150	0.6	178	1.1384	0.2404	1	1.04	1.03	35.9	0.011	HDPE
DNE 235-54	MH-4012	MH-3455	579.46	579.02	578.25	578.01	24.4	217	1.28	100	4.476	1.4957	0.9	0.99	0.8	45	0.01	HDPE
DNE 235-4	MH-712	MH-2546	589.75	589.24	587.52	587.49	24.5	400	0.62	1,000	6.573	3.4091	1.6	1.84	1.34	41.2	0.011	HDPE
DNE 235-52	MH-3540	MH-3486	575.31	575.58	574.36	574.61	24.5	150	0.47	100	1.52	0.0511	0.8	0.8	0.82	13.3	0.011	HDPE
DNE 235-7	MH-145	MH-3197	586.71	586.12	585.41	585.17	24.5	150	0.7	100	1.52	0.2022	1	1.15	0.8	26.6	0.011	HDPE
DNE 235-19	MH-1965	MH-4121	579.18	579.78	578.23	578.48	24.5	150	0.79	100	1.52	0.3037	1	0.8	1.16	32.8	0.011	HDPE
DNE 235-61	MH-3941	MH-3541	583.19	582.65	581.95	581.7	24.5	150	0.67	100	1.52	0.1684	0.9	1.1	0.8	24.2	0.011	HDPE
DNE 235-56	MH-1033	MH-1322	577.53	577.22	576.52	576.27	24.6	150	0.59	100	1.52	0.1112	0.8	0.86	0.8	19.7	0.011	HDPE
DNE 235-54	MH-4140	MH-4141	583.39	583.02	582.31	582.07	24.6	150	1.08	100	1.52	0.9936	0.9	0.93	0.8	62.2	0.011	HDPE
DNE 235-52	MH-3486	MH-3334	575.58	575.8	574.63	574.83	19.9	150	0.33	100	1.52	0.0161	0.8	0.8	0.82	7.6	0.011	HDPE
DNE 235-34	MH-4145	MH-3718	588.85	588.18	587.47	587.23	24.6	150	0.56	100	1.52	0.0932	1	1.22	0.8	18	0.011	HDPE
DNE 235-32	MH-4150	MH-2474	579.75	580.25	578.8	578.78	24.6	150	0.2	1,000	0.4807	0.0478	1.1	0.8	1.32	22.3	0.011	HDPE
DNE 235-31	MH-3615	MH-58	581.67	581.36	580.38	580.35	17.8	217	0.61	541	1.9247	0.9362	0.9	1.08	0.8	47.8	0.01	HDPE
DNE 235-18	MH-4159	MH-4160	587.92	587.47	586.76	586.52	24.7	150	0.63	100	1.52	0.141	0.9	1.01	0.8	25.6	0.011	HDPE
DNE 235-53	MH-4561	MH-4590	572.35	572.49	571.32	571.29	33.2	150	0.26	1,000	0.4807	0.107	1	0.88	1.05	29.3	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-8	MH-3512	MH-3513	595.04	594.84	594.09	593.89	20.1	150	0.44	103	1.5003	0.0422	0.8	0.8	0.8	14.4	0.011	HDPE
DNE 235-23	MH-3514	MH-3515	584.9	584.47	583.72	583.52	20.1	150	0.42	100	1.52	0.0343	0.9	1.02	0.8	19.6	0.011	HDPE
DNE 235-9	MH-3516	MH-596	596.24	595.92	595.17	594.97	20.1	150	0.48	100	1.52	0.0554	0.9	0.92	0.8	13.9	0.011	HDPE
DNE 235-32	MH-3517	MH-3518	592.07	591.93	591.12	590.98	20.1	150	0.72	142	1.2772	0.3317	0.8	0.8	0.8	35.8	0.011	HDPE
DNE 235-56	MH-3523	MH-1491	579.87	579.52	578.77	578.57	20.2	150	0.32	100	1.52	0.0147	0.9	0.95	0.8	7.3	0.011	HDPE
DNE 235-14	MH-3524	MH-590	593.72	594	592.7	592.9	20.2	217	1.38	100	4.476	1.9631	0.8	0.8	0.88	52	0.01	HDPE
DNE 235-8	MH-3436	MH-1508	589.46	589.56	588.34	588.32	20.2	150	0.24	1,000	0.4807	0.0798	1	0.97	1.1	31.1	0.011	HDPE
DNE 235-5	MH-3072	MH-791	567.52	567.75	566.57	566.73	25	150	0.61	163	1.192	0.2202	0.8	0.8	0.88	31.2	0.011	HDPE
DNE 235-34	MH-5039	MH-227	584.74	584.28	583.59	583.29	33.5	150	0.54	110	1.4481	0.0927	0.9	1	0.84	20	0.011	HDPE
DNE 235-53	MH-5040	MH-5041	580.63	579.7	579.09	578.75	33.5	150	1.12	100	1.52	1.2018	1.1	1.39	0.8	69.4	0.011	HDPE
DNE 235-59	MH-3530	MH-3531	568.47	568.2	566.36	566.32	20.3	217	0.6	512	1.9786	0.8166	1.8	1.89	1.66	40.5	0.01	HDPE
DNE 235-16	MH-5044	MH-5045	587.19	588.01	585.99	586.33	33.5	400	1.5	100	22.8644	3.1415	1	0.8	1.28	29.2	0.01	HDPE
DNE 235-19	MH-3533	MH-3534	582.72	583.08	580.74	580.72	20.3	150	0.2	1,000	0.4807	0.0457	2	1.83	2.21	23.6	0.011	HDPE
DNE 235-52	MH-4038	MH-4659	573.14	572.76	571.59	571.5	33.6	400	0.87	389	10.5324	3.2499	1	1.15	0.85	36.1	0.011	HDPE
DNE 235-7	MH-2682	MH-3411	587.6	587.09	586.35	586.14	20.3	150	0.55	100	1.52	0.0873	1	1.1	0.8	17.4	0.011	HDPE
DNE 235-35	MH-1853	MH-2705	572.64	572.69	571.44	571.42	20.6	150	0.2	1,000	0.4807	0.045	1.1	1.05	1.12	23.1	0.011	HDPE
DNE 235-52	MH-3539	MH-3540	575.09	575.31	574.14	574.34	20.3	150	0.55	100	1.52	0.0874	0.8	0.8	0.82	17.4	0.011	HDPE
DNE 235-5	MH-4839	MH-449	570.61	571.25	569.66	570.01	35.1	150	0.72	100	1.52	0.2228	0.9	0.8	1.09	28	0.011	HDPE
DNE 235-8	MH-5050	MH-2299	580.87	580.53	579.92	579.58	33.7	150	0.34	100	1.52	0.0176	0.8	0.81	0.8	8	0.011	HDPE
DNE 235-35	MH-4867	MH-5052	569.98	570.61	569.03	569.37	33.7	150	0.69	100	1.52	0.1928	0.9	0.8	1.09	26	0.011	HDPE
DNE 235-59	MH-3701	MH-1194	580.25	579.43	578.81	578.48	33.7	150	0.67	100	1.52	0.1713	1	1.28	0.8	27.4	0.011	HDPE
DNE 235-65	MH-5053	MH-449	571.68	571.25	570.64	570.3	34	150	0.59	100	1.52	0.1096	0.8	0.89	0.8	19.5	0.011	HDPE
DNE 235-58	MH-557	MH-5055	577.89	578.71	576.94	577.07	13.3	150	0.28	100	1.52	0.009	1.1	0.8	1.48	5.7	0.011	HDPE
DNE 235-32	MH-276	MH-367	591.62	592.12	588.81	588.61	33.8	150	0.6	167	1.1767	0.2186	3	2.65	3.36	35.6	0.011	HDPE
DNE 235-51	MH-1418	MH-3642	567.35	566.88	565.54	565.68	33.8	150	0.44	233	0.9966	0.1112	1.4	1.66	1.05	30	0.011	HDPE
DNE 235-51	MH-4738	MH-4847	570.45	570.16	569.5	569.21	33.8	150	0.48	117	1.4075	0.069	0.8	0.8	0.8	19.7	0.011	HDPE
DNE 235-11	MH-3569	MH-3570	592.28	592.03	591.28	591.08	20.6	150	0.4	100	1.52	0.0291	0.8	0.85	0.8	10.1	0.011	HDPE
DNE 235-61	MH-5062	MH-4238	584.94	584.26	583.64	583.31	33.9	150	0.58	100	1.52	0.1034	1	1.15	0.8	19	0.011	HDPE
DNE 235-30	MH-5064	MH-5065	594.49	594.08	593.46	593.13	33.9	150	0.79	100	1.52	0.311	0.8	0.87	0.8	33.2	0.011	HDPE
DNE 235-11	MH-5066	MH-5067	591.62	591.25	590.64	590.3	33.9	150	0.37	100	1.52	0.0232	0.8	0.83	0.8	9	0.011	HDPE
DNE 235-33	MH-5068	MH-5069	592.89	592.51	591.9	591.56	33.9	150	0.46	100	1.52	0.0496	0.8	0.84	0.8	13.2	0.011	HDPE
DNE 235-35	MH-424	MH-874	577.13	576.96	575.36	575.22	33.9	150	0.6	256	0.9505	0.3844	1.6	1.63	1.59	42	0.011	HDPE
DNE 235-32	MH-3578	MH-3579	590.18	590.48	589.23	589.2	20.7	150	0.21	1,000	0.4807	0.0512	1	0.8	1.13	25.1	0.011	HDPE
DNE 235-57	MH-1047	MH-1079	576.94	577.12	575.99	575.96	34	150	0.17	1,000	0.4807	0.026	0.9	0.8	1.02	28.1	0.011	HDPE
DNE 235-35	MH-578	MH-4083	574.81	574.07	573.17	572.92	34.2	150	0.6	134	1.3108	0.1673	1.2	1.49	1	25	0.011	HDPE
DNE 235-54	MH-2997	MH-1326	581.69	581.28	578.82	578.97	20.8	150	0.6	137	1.2997	0.1733	2.4	2.72	2.16	27.4	0.011	HDPE
DNE 235-57	MH-3591	MH-3592	576.41	576.16	575.41	575.21	20.8	150	0.31	100	1.52	0.0137	0.8	0.84	0.8	10.8	0.011	HDPE
DNE 235-24	MH-3593	MH-3571	586.8	586.84	585.85	585.83	20.8	150	0.23	1,000	0.4807	0.0753	0.8	0.8	0.86	27.6	0.011	HDPE
DNE 235-57	MH-5083	MH-4338	573.33	573.64	572.38	572.14	34.3	150	0.6	141	1.2798	0.1792	1.1	0.8	1.35	29.1	0.011	HDPE
DNE 235-58	MH-1979	MH-3099	580.67	579.79	579.18	578.84	34.4	150	0.97	100	1.52	0.6332	1.1	1.34	0.8	48.4	0.011	HDPE
DNE 235-32	MH-5090	MH-673	592.55	592.27	588.37	588.08	34.4	217	1.06	120	4.082	0.9717	4	3.97	3.97	40.8	0.01	HDPE
DNE 235-33	MH-5100	MH-4029	593.84	593.95	590.66	590.56	34.5	150	0.6	357	0.8845	0.4754	3.1	3.03	3.25	48.3	0.01	HDPE
DNE 235-52	MH-2151	MH-4922	577.46	576.71	576.08	575.74	34.5	175	1.41	100	2.5221	2.3474	1	1.2	0.8	79.1	0.01	HDPE
DNE 235-35	MH-1489	MH-4872	573.14	572.78	572.17	571.83	34.7	150	0.76	102	1.5078	0.272	0.8	0.82	0.8	34.5	0.011	HDPE
DNE 235-8	MH-2614	MH-3637	594.4	594.2	593.45	593.25	21.1	150	0.41	105	1.4837	0.0345	0.8	0.8	0.8	11.1	0.011	HDPE
DNE 235-31	MH-3419	MH-1381	580.93	580.46	579.65	579.44	21.1	217	1.14	100	4.476	0.9964	0.9	1.05	0.8	36.3	0.01	HDPE
DNE 235-51	MH-4552	MH-5119	571.51	571.22	569.99	569.95	34.7	400	0.7	1,000	6.573	5.9892	1	1.12	0.87	56.1	0.011	HDPE
DNE 235-32	MH-3641	MH-3437	582.24	581.79	581.05	580.84	21.2	150	0.36	100	1.52	0.0208	0.9	1.05	0.8	8.6	0.011	HDPE
DNE 235-51	MH-3642	MH-3643	566.88	566.65	565.68	565.7	21.2	150	0.22	1,000	0.4807	0.0656	0.9	1.05	0.8	23.5	0.011	HDPE
DNE 235-19	MH-4976	MH-4102	585.95	585.2	584.6	584.25	34.8	150	0.8	100	1.52	0.3207	1	1.19	0.8	33.8	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ONE 235-57	MH-3246	MH-3460	574.14	574.09	571.76	571.67	34.9	175	0.6	388	1.2796	0.5395	2.2	2.21	2.24	46.1	0.01	HDPE
ONE 235-59	MH-5138	MH-5139	586.38	585.52	584.92	584.57	35	150	0.52	100	1.52	0.0715	1.1	1.3	0.8	15.8	0.011	HDPE
ONE 235-67	MH-5144	MH-563	573.9	573.67	571.24	571.21	35.1	900	1.21	1,000	57.1373	56.4111	1.7	1.76	1.57	61.2	0.011	HDPE
ONE 235-65	MH-5145	MH-5146	570.89	570.43	569.84	569.48	35.1	150	0.31	100	1.52	0.0134	0.9	0.9	0.8	6.9	0.011	HDPE
ONE 235-60	MH-4746	MH-2081	576.59	576.06	575.34	574.99	35.1	271	1.32	100	8.0956	1.7577	0.9	0.98	0.8	36.2	0.01	HDPE
ONE 235-53	MH-3983	MH-4528	576.92	576.47	575.55	575.51	35.1	150	0.24	1,000	0.4807	0.0796	1	1.22	0.81	29.6	0.011	HDPE
ONE 235-61	MH-5153	MH-3129	599.17	598.62	598.02	597.67	35.2	150	0.74	100	1.52	0.2485	0.9	1	0.8	29.6	0.011	HDPE
ONE 235-34	MH-5156	MH-5039	585.52	584.74	583.63	583.59	35.2	150	0.23	1,000	0.4807	0.0714	1.4	1.75	1	22.6	0.011	HDPE
ONE 235-53	MH-3145	MH-4739	579.87	578.94	578.32	577.97	35.2	175	1.37	100	2.5221	1.9692	1.1	1.37	0.8	71.2	0.01	HDPE
ONE 235-24	MH-5162	MH-3738	582.1	581.2	580.57	580.22	35.3	175	1.02	100	2.5221	0.6161	1.1	1.36	0.8	37.7	0.01	HDPE
ONE 235-11	MH-5163	MH-845	591.28	591.55	590.33	590.29	35.3	150	0.15	1,000	0.4807	0.0152	1	0.8	1.1	18.2	0.011	HDPE
ONE 235-33	MH-4008	MH-209	593.15	592.61	591.38	591.3	35	217	0.65	442	2.1295	0.8941	1.3	1.56	1.09	42.1	0.01	HDPE
ONE 235-32	MH-4899	MH-5166	582.39	581.65	581.05	580.7	35.4	150	0.58	100	1.52	0.1046	1	1.19	0.8	19.1	0.011	HDPE
ONE 235-61	MH-1957	MH-1965	579.82	579.18	578.59	578.23	35.5	150	0.73	100	1.52	0.2283	0.9	1.09	0.8	28.4	0.011	HDPE
ONE 235-18	MH-5173	MH-4260	585.46	585.06	583.51	583.67	35.5	150	0.6	224	1.0166	0.3201	1.5	1.79	1.24	39.3	0.011	HDPE
ONE 235-18	MH-491	MH-3824	586.76	585.91	585.31	584.96	35.4	150	0.7	100	1.52	0.2021	1	1.3	0.8	26.6	0.011	HDPE
ONE 235-11	MH-5067	MH-4694	591.25	590.86	590.27	589.91	35.6	150	0.45	100	1.52	0.0456	0.8	0.84	0.8	12.7	0.011	HDPE
ONE 235-30	MH-5186	MH-5187	594.59	594.16	593.57	593.21	35.7	150	0.32	100	1.52	0.0145	0.8	0.88	0.8	7.2	0.011	HDPE
ONE 235-52	MH-5188	MH-2598	575.64	574.96	574.37	574.01	35.7	150	1.03	100	1.52	0.802	1	1.12	0.8	55.1	0.011	HDPE
ONE 235-8	MH-5189	MH-332	583.44	583.66	582.49	582.45	35.7	150	0.15	1,000	0.4807	0.0173	0.9	0.8	1.05	29.6	0.011	HDPE
ONE 235-30	MH-5199	MH-5200	594.33	593.79	593.19	592.84	35.7	150	0.4	100	1.52	0.0316	0.9	0.98	0.8	10.5	0.011	HDPE
ONE 235-19	MH-5201	MH-5202	584.51	585.31	583.56	583.91	35.7	150	0.94	100	1.52	0.5632	1	0.8	1.25	45.4	0.011	HDPE
ONE 235-54	MH-5205	MH-4171	587.89	587.03	586.44	586.08	35.8	150	0.62	100	1.52	0.1323	1	1.3	0.8	21.5	0.011	HDPE
ONE 235-31	MH-1433	MH-5207	585.83	585.34	584.75	584.39	35.8	150	0.75	100	1.52	0.2543	0.9	0.93	0.8	38.7	0.011	HDPE
ONE 235-11	MH-5209	MH-4597	592.46	591.98	591.39	591.03	35.9	150	0.36	100	1.52	0.0206	0.9	0.92	0.8	8.5	0.011	HDPE
ONE 235-59	MH-4964	MH-4228	586.56	585.68	585.09	584.73	35.9	150	0.45	100	1.52	0.0438	1.1	1.31	0.8	12.4	0.011	HDPE
ONE 235-19	MH-648	MH-5213	584.72	583.92	583.33	582.97	36	150	0.92	100	1.52	0.5213	1	1.24	0.8	43.6	0.011	HDPE
ONE 235-31	MH-3423	MH-2496	589.94	589.46	588.71	588.51	19.4	150	0.33	100	1.52	0.0167	0.9	1.09	0.8	7.7	0.011	HDPE
ONE 235-55	MH-3431	MH-1828	579.65	579.61	578.7	578.66	19.5	150	0.16	465	0.7052	0.0082	0.8	0.8	0.8	8.1	0.011	HDPE
ONE 235-8	MH-1247	MH-251	580.9	580.72	579.95	579.77	19.5	150	0.5	109	1.4554	0.0726	0.8	0.8	0.8	16.1	0.011	HDPE
ONE 235-3	MH-3432	MH-2528	588.23	588.53	587.26	587.45	19.5	175	1.06	102	2.4915	0.7432	0.9	0.8	0.9	41.8	0.01	HDPE
ONE 235-51	MH-3435	MH-2275	572.5	572.33	571.55	571.38	19.5	150	0.99	114	1.4207	0.8505	0.8	0.8	0.8	58	0.011	HDPE
ONE 235-8	MH-1711	MH-3436	589.37	589.46	588.35	588.34	19.5	150	0.23	1,000	0.4807	0.0711	0.9	0.87	0.97	27.2	0.011	HDPE
ONE 235-56	MH-1823	MH-2895	573.03	572.9	572.08	571.95	19.5	150	0.79	147	1.2536	0.5045	0.8	0.8	0.8	47.3	0.011	HDPE
ONE 235-54	MH-2329	MH-3440	580.54	580.27	579.3	579.32	19.6	150	0.24	1,000	0.4807	0.0854	0.9	1.09	0.8	25.1	0.011	HDPE
ONE 235-30	MH-264	MH-1470	596.15	595.81	595.05	594.86	19.6	150	0.54	100	1.52	0.0823	0.9	0.95	0.8	16.9	0.011	HDPE
ONE 235-55	MH-2603	MH-2378	578.39	578.22	577.15	577.07	19.6	150	0.6	257	0.9477	0.3875	1	1.09	1	44.5	0.011	HDPE
ONE 235-6	MH-3446	MH-2670	594.2	593.81	593.06	592.86	19.7	150	0.47	100	1.52	0.0503	0.9	0.99	0.8	13.2	0.011	HDPE
ONE 235-32	MH-3447	MH-3172	579.65	579.38	577.36	577.34	19.7	271	0.6	991	2.5711	2.4779	1.9	2.02	1.77	69.4	0.01	HDPE
ONE 235-7	MH-1333	MH-2098	584.75	584.18	583.43	583.23	19.7	150	0.76	100	1.52	0.2595	1	1.17	0.8	30.2	0.011	HDPE
ONE 235-51	MH-3452	MH-2453	573.05	572.9	572.1	571.95	19.7	150	0.92	128	1.3446	0.7497	0.8	0.8	0.8	57.8	0.011	HDPE
ONE 235-51	MH-3454	MH-3452	573.25	573.05	572.3	572.1	19.7	150	0.98	104	1.4929	0.7028	0.8	0.8	0.8	56.2	0.011	HDPE
ONE 235-54	MH-3455	MH-1983	579.02	578.69	577.87	577.67	19.7	217	1.29	100	4.476	1.5189	0.9	0.94	0.8	45.4	0.01	HDPE
ONE 235-61	MH-3276	MH-1956	580.61	580.07	579.31	579.12	19.8	150	0.67	100	1.52	0.1758	1	1.15	0.8	24.8	0.011	HDPE
ONE 235-34	MH-194	MH-495	582.94	583.12	581.67	581.65	19.8	150	0.24	1,000	0.4807	0.0866	1.2	1.11	1.32	25.3	0.011	HDPE
ONE 235-11	MH-440	MH-3458	597.26	597.6	596.31	596.5	18.9	150	0.64	100	1.52	0.1455	0.9	0.8	0.96	22.5	0.011	HDPE
ONE 235-52	MH-3185	MH-1567	575.67	575.63	574.38	574.36	19.8	150	0.26	1,000	0.4807	0.1084	1.1	1.14	1.12	27.1	0.011	HDPE
ONE 235-12	MH-3459	MH-2207	573.39	573.03	572.28	572.08	19.8	150	0.36	100	1.52	0.0216	0.9	0.96	0.8	18.4	0.011	HDPE
ONE 235-34	MH-1553	MH-193	583.33	582.94	582.09	581.99	19.8	150	0.33	192	1.0966	0.0342	0.9	1.09	0.8	11.8	0.011	HDPE
ONE 235-57	MH-3460	MH-3461	574.09	574.05	571.67	571.62	19.8	175	0.6	410	1.2459	0.5838	2.2	2.24	2.26	50	0.01	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-57	MH-2619	MH-1286	571.6	571.23	570.36	570.16	19.8	271	1.41	100	8.0956	2.226	0.9	0.97	0.8	41	0.01	HDPE
DNE 235-3	MH-316	MH-2865	586.8	586.27	585.4	585.2	19.8	271	1.41	100	8.0956	2.2339	1	1.12	0.8	41.1	0.01	HDPE
DNE 235-54	MH-3469	MH-3311	581.49	581.18	580.43	580.23	19.8	150	0.54	100	1.52	0.0833	0.9	0.91	0.8	17	0.011	HDPE
DNE 235-4	MH-3475	MH-2267	587.16	586.94	586.19	585.99	19.8	150	0.37	100	1.52	0.0225	0.8	0.83	0.8	8.9	0.011	HDPE
DNE 235-1	MH-3476	MH-1469	595.36	595.68	594.41	594.61	19.8	150	0.67	100	1.52	0.1731	0.9	0.8	0.92	24.6	0.011	HDPE
DNE 235-12	MH-3477	MH-2180	573.66	574.08	572.71	572.69	19.9	150	0.11	1,000	0.4807	0.0062	1	0.8	1.23	16.5	0.011	HDPE
DNE 235-11	MH-3479	MH-3476	595.01	595.36	594.06	594.25	19.9	150	0.69	100	1.52	0.1883	0.9	0.8	0.96	25.6	0.011	HDPE
DNE 235-35	MH-3480	MH-1852	572.42	572.44	571.47	571.45	19.9	150	0.12	1,000	0.4807	0.0069	0.8	0.8	0.84	12.9	0.011	HDPE
DNE 235-24	MH-3483	MH-3484	587.85	587.72	586.9	586.77	19.9	150	0.37	149	1.244	0.0358	0.8	0.8	0.8	13.4	0.011	HDPE
DNE 235-6	MH-1717	MH-3004	595.19	595.48	594.24	594.43	19.9	150	0.55	100	1.52	0.0854	0.8	0.8	0.9	19.7	0.011	HDPE
DNE 235-54	MH-3487	MH-1493	582.07	581.69	580.94	580.74	19.9	150	1.14	100	1.52	1.2787	0.9	0.98	0.8	72.1	0.011	HDPE
DNE 235-57	MH-3491	MH-481	573.47	573.31	572.52	572.36	20	150	0.98	127	1.3472	1.0035	0.8	0.8	0.8	64.9	0.011	HDPE
DNE 235-11	MH-3497	MH-844	591.85	591.56	590.34	590.33	10	150	0.23	1,000	0.4807	0.0693	1.2	1.36	1.08	22	0.011	HDPE
DNE 235-31	MH-3498	MH-3499	582.48	582.11	580.45	580.42	20	217	0.6	548	1.9123	0.9024	1.6	1.82	1.47	48	0.01	HDPE
DNE 235-56	MH-3159	MH-1342	578.84	578.41	577.66	577.46	20	150	0.53	100	1.52	0.0756	0.9	1.03	0.8	16.2	0.011	HDPE
DNE 235-10	MH-2724	MH-3502	590.27	590.02	589.27	589.07	20	150	0.4	100	1.52	0.0297	0.8	0.85	0.8	10.2	0.011	HDPE
DNE 235-54	MH-1281	MH-2174	582.33	582.09	578.6	578.52	20	150	0.6	249	0.9638	0.3707	3.5	3.58	3.42	43	0.011	HDPE
DNE 235-52	MH-3503	MH-3504	575.32	575.37	572.53	572.48	20.1	175	0.6	388	1.281	0.5378	2.7	2.62	2.72	45.2	0.01	HDPE
DNE 235-35	MH-3505	MH-850	571.13	571.54	570.15	570.36	20.1	175	1.17	100	2.5221	1.0191	0.9	0.8	1.01	55.2	0.01	HDPE
DNE 235-6	MH-3363	MH-3506	596.39	596.75	595.44	595.65	20.1	150	0.41	100	1.52	0.0318	0.9	0.8	0.95	10.6	0.011	HDPE
DNE 235-11	MH-526	MH-261	590.46	590.28	588.55	588.47	20.1	150	0.6	262	0.9399	0.3967	1.7	1.76	1.66	46.3	0.011	HDPE
DNE 235-61	MH-3541	MH-2825	582.65	582.21	581.46	581.26	20.4	150	0.69	100	1.52	0.1881	0.9	1.04	0.8	25.6	0.011	HDPE
DNE 235-12	MH-3544	MH-3545	574.03	574.51	573.08	573.06	20.4	150	0.18	1,000	0.4807	0.0317	1	0.8	1.3	19.4	0.011	HDPE
DNE 235-21	MH-3546	MH-2972	599.17	598.91	598.16	597.96	20.4	150	0.41	100	1.52	0.033	0.8	0.86	0.8	10.8	0.011	HDPE
DNE 235-21	MH-3549	MH-3141	597.29	597.24	596.34	596.28	20.5	150	0.35	296	0.8836	0.0719	0.8	0.8	0.82	18.6	0.011	HDPE
DNE 235-32	MH-3551	MH-3552	592.55	592.69	591.6	591.58	20.5	150	0.2	1,000	0.4807	0.0462	0.9	0.8	0.95	23.2	0.011	HDPE
DNE 235-11	MH-3553	MH-3554	588.79	589.06	587.84	587.82	20.5	150	0.16	1,000	0.4807	0.0197	0.9	0.8	1.09	15.7	0.011	HDPE
DNE 235-11	MH-3555	MH-3556	591.36	591.48	590.41	590.39	20.5	150	0.15	1,000	0.4807	0.0182	0.9	0.8	0.94	15.4	0.011	HDPE
DNE 235-59	MH-3557	MH-3558	587.85	587.34	586.6	586.39	20.5	150	0.36	100	1.52	0.0218	0.9	1.1	0.8	8.8	0.011	HDPE
DNE 235-30	MH-3559	MH-3560	595.12	594.78	594.04	593.83	20.5	150	0.69	100	1.52	0.1921	0.9	0.93	0.8	29.4	0.011	HDPE
DNE 235-91	MH-3076	MH-3154	596.33	596.01	595.27	595.06	20.7	150	0.41	100	1.52	0.0339	0.9	0.91	0.8	10.9	0.011	HDPE
DNE 235-31	MH-3585	MH-3586	591.77	591.5	590.76	590.55	20.8	150	0.26	100	1.52	0.0077	0.8	0.86	0.8	5.3	0.011	HDPE
DNE 235-71	MH-3006	MH-36	581.96	582.25	581.02	580.93	20.4	150	0.6	237	0.9868	0.3461	1	0.8	1.18	39.3	0.011	HDPE
DNE 235-53	MH-1879	MH-3588	577.96	577.63	574.86	574.84	20.8	271	0.6	878	2.7329	1.8573	2.7	2.83	2.52	60	0.01	HDPE
DNE 235-56	MH-3596	MH-1621	577.27	576.96	576.21	576.01	20.9	150	0.65	100	1.52	0.1529	0.9	0.91	0.8	23.1	0.011	HDPE
DNE 235-32	MH-3599	MH-2481	581.02	580.56	579.82	579.61	20.9	150	0.41	100	1.52	0.033	0.9	1.05	0.8	10.8	0.011	HDPE
DNE 235-32	MH-3600	MH-83	591.59	591.42	590.64	590.47	20.8	150	0.49	122	1.3741	0.0733	0.8	0.8	0.8	16.4	0.011	HDPE
DNE 235-60	MH-3601	MH-3602	578.25	578.15	575.67	575.65	20.9	271	0.6	792	2.8774	1.5688	2.3	2.31	2.23	52.1	0.01	HDPE
DNE 235-81	MH-3603	MH-3604	594.9	594.81	593.95	593.86	20.9	150	0.35	225	1.0123	0.0504	0.8	0.8	0.8	15.3	0.011	HDPE
DNE 235-31	MH-3612	MH-3613	592.93	592.98	591.98	591.8	20.9	150	0.6	115	1.4196	0.1386	0.9	0.8	1.03	22.3	0.011	HDPE
DNE 235-31	MH-3499	MH-3615	582.11	581.67	580.42	580.38	20.9	217	0.6	554	1.9013	0.9171	1.3	1.47	1.08	48.4	0.01	HDPE
DNE 235-33	MH-3616	MH-3617	592.79	592.55	591.81	591.6	20.9	150	0.43	100	1.52	0.0393	0.8	0.82	0.8	11.7	0.011	HDPE
DNE 235-11	MH-1470	MH-3282	595.81	596.17	594.86	595.07	20.9	150	0.53	100	1.52	0.079	0.9	0.8	0.95	16.6	0.011	HDPE
DNE 235-52	MH-2784	MH-3619	574.81	575.02	573.72	573.7	21	150	0.22	1,000	0.4807	0.057	1.1	0.94	1.17	25.2	0.011	HDPE
DNE 235-81	MH-1383	MH-553	583.3	583.04	582.3	582.09	21.3	150	0.86	100	1.52	0.4103	0.8	0.85	0.8	38.4	0.011	HDPE
DNE 235-12	MH-3620	MH-3459	573.72	573.39	572.65	572.44	21	150	0.29	100	1.52	0.0101	0.9	0.92	0.8	6.1	0.011	HDPE
DNE 235-41	MH-2365	MH-1245	582.05	581.71	580.22	580.16	21	217	0.78	326	2.4777	1.1836	1.5	1.61	1.33	46.4	0.01	HDPE
DNE 235-24	MH-3627	MH-3293	587.34	587.42	586.39	586.37	21.1	150	0.25	1,000	0.4807	0.1037	0.9	0.8	0.91	31.9	0.011	HDPE
DNE 235-44	MH-1741	MH-383	591.19	590.78	590.04	589.83	21.1	150	0.66	100	1.52	0.1604	0.9	1	0.8	23.7	0.011	HDPE
DNE 235-55	MH-3655	MH-1107	576.13	575.78	574.79	574.58	21.3	400	1.47	100	20.7858	3.7115	0.9	0.94	0.8	32.5	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
DNE 235-44	MH-441	MH-777	588.06	587.47	585.68	585.6	22.4	150	0.6	291	0.8917	0.4635	2	2.23	1.72	47.5	0.011	HDPE
DNE 235-5	MH-3656	MH-2054	571.97	571.76	570.99	570.81	17.5	150	0.39	100	1.52	0.0285	0.8	0.84	0.8	12	0.011	HDPE
DNE 235-8	MH-3657	MH-3658	594.02	593.78	593.04	592.83	21.3	150	0.35	100	1.52	0.0189	0.8	0.82	0.8	8.2	0.011	HDPE
DNE 235-31	MH-982	MH-3661	589.23	589.76	588.28	588.49	21.3	150	0.54	100	1.52	0.0834	1	0.8	1.12	17.1	0.011	HDPE
DNE 235-8	MH-2498	MH-3512	595.23	595.04	594.28	594.09	21.3	150	0.39	109	1.4573	0.0315	0.8	0.8	0.8	12.1	0.011	HDPE
DNE 235-54	MH-3664	MH-3469	581.83	581.49	580.75	580.54	21.3	150	0.44	100	1.52	0.0412	0.9	0.92	0.8	12	0.011	HDPE
DNE 235-31	MH-2842	MH-3665	588.64	588.1	587.36	587.15	21.3	150	0.48	100	1.52	0.054	1	1.12	0.8	13.7	0.011	HDPE
CO-13	MH-1483	MH-2744	583.24	582.83	582.13	581.88	24	150	0.6	100	1.52	0.1163	0.9	0.96	0.8	20.1	0.011	HDPE
CO-14	MH-3292	MH-4461	584.63	583.99	583.34	583.04	30	150	0.76	100	1.52	0.2658	1	1.14	0.8	30.6	0.011	HDPE
CO-15	MH-2744	MH-1615	582.83	582.68	581.8	581.73	7.1	150	0.9	100	1.52	0.4819	0.8	0.88	0.8	41.8	0.011	HDPE
CO-16	MH-3834	MH-1366	580.95	579.96	579.19	579.01	19	150	0.73	100	1.52	0.2347	1.2	1.61	0.8	32	0.011	HDPE
CO-17	MH-2	MH-3834	583.51	580.95	581.47	580	146.5	150	0.37	100	1.52	0.0224	1.3	1.89	0.8	8.9	0.011	HDPE
CO-19	MH-4786	MH-5627	573.82	573.6	572.82	572.65	16.5	150	0.63	100	1.52	0.1368	0.8	0.85	0.8	21.8	0.011	HDPE
CO-20	MH-3712	MH-3	572.39	572.07	570.36	570.27	18.5	1,000.00	2.37	199	169.5316	65.1654	0.9	1.03	0.8	46.5	0.011	HDPE
CO-21	MH-3	MH-6698	572.07	571.99	570.12	570.06	42.5	1,000.00	1.49	700	92.5313	67.8298	0.9	0.95	0.93	55.1	0.011	HDPE
CO-22	MH-3671	MH-3	572.12	572.07	570.76	570.72	34.5	400	0.63	1,000	7.2303	2.6644	1	0.97	0.95	35.5	0.01	HDPE
CO-23	MH-4027	MH-6556	567.78	567.42	566.73	566.47	26.6	150	1.05	100	1.52	0.8769	0.8	0.9	0.8	57.9	0.011	HDPE
CO-24	MH-6556	MH-5825	567.42	566.84	566.18	565.89	29.4	150	1.07	100	1.52	0.941	0.9	1.08	0.8	60.2	0.011	HDPE
CO-25	MH-5825	MH-3430	566.84	565.76	565.52	564.81	71.5	150	1.1	100	1.52	1.0867	1	1.17	0.8	65.5	0.011	HDPE
CO-26	MH-6114	MH-6528	567.3	565.45	563.83	563.44	119.5	1,100.00	2.14	300	182.2458	78.6401	1.6	2.37	0.91	47	0.011	HDPE
CO-27	MH-3461	MH-6355	574.05	573.61	571.62	571.48	63.3	175	0.6	446	1.1941	0.6634	2.1	2.26	1.96	48.2	0.01	HDPE
CO-28	MH-6381	MH-4	567.61	568.8	566.66	567.3	63.4	150	0.76	100	1.52	0.2589	1.1	0.8	1.35	30.2	0.011	HDPE
CO-30	MH-6380	MH-5549	566.08	565.12	564.67	564.17	50	150	0.91	100	1.52	0.4936	1	1.26	0.8	42.3	0.011	HDPE
CO-31	MH-6698	MH-5	571.99	571.73	568.4	568.36	41.2	1,000.00	1.29	1,000	75.6728	68.2768	2.5	2.6	2.37	66.4	0.011	HDPE
CO-33	MH-5	MH-6	571.73	571.44	568.36	568.31	43.8	1,000.00	1.29	1,000	75.6728	68.2768	2.2	2.37	2.13	63.9	0.011	HDPE
CO-34	MH-6	MH-3052	571.44	570.74	568.31	568.16	107.9	1,000.00	1.49	700	92.5313	68.2768	1.9	2.13	1.58	56.5	0.011	HDPE
CO-35	MH-1933	MH-7	570.31	569.72	566.59	566.53	58.1	1,000.00	1.29	1,000	75.6728	70.9759	2.5	2.71	2.19	76.1	0.011	HDPE
CO-36	MH-7	MH-5585	569.72	569.57	566.53	566.52	15.3	1,000.00	1.29	1,000	75.6728	70.9759	2.1	2.19	2.05	76.2	0.011	HDPE
CO-37	MH-5585	MH-8	569.57	570.01	566.52	566.37	148.7	1,000.00	1.3	1,000	75.6728	73.8491	2.3	2.05	2.64	75.4	0.011	HDPE
CO-39	MH-8	MH-9	570.01	570.41	566.37	566.24	134.9	1,000.00	1.3	1,000	75.6728	73.8491	2.9	2.64	3.17	73.2	0.011	HDPE
CO-41	MH-9	MH-10	570.41	570.7	566.24	566.14	100.5	1,000.00	1.3	1,000	75.6728	73.8491	3.4	3.17	3.57	69.1	0.011	HDPE
CO-42	MH-10	MH-3322	570.7	570.83	566.14	566.09	44	1,000.00	1.3	1,000	75.6728	73.8491	3.7	3.57	3.74	63.7	0.011	HDPE
CO-43	MH-3804	MH-11	569.29	569.07	565.81	565.76	44	1,100.00	1.34	1,000	97.5709	77.231	2.3	2.38	2.21	59.6	0.011	HDPE
CO-44	MH-11	MH-4885	569.07	568.83	565.76	565.72	48.5	1,100.00	1.34	1,000	97.5709	77.231	2.1	2.21	2.01	53.5	0.011	HDPE
CO-45	MH-2536	MH-5093	567.61	567.32	566.56	566.37	19.7	150	0.63	100	1.52	0.1384	0.8	0.89	0.8	33.8	0.011	HDPE
CO-46	MH-3072	MH-5093	567.52	567.32	566.57	566.37	28	150	0.67	134	1.313	0.2488	0.8	0.8	0.8	38	0.011	HDPE
CO-47	MH-6187	MH-3397	579.45	579.29	577.63	577.61	17.9	271	0.6	961	2.6121	2.2331	1.5	1.55	1.41	54.1	0.01	HDPE
CO-48	MH-1302	MH-12	573.27	573.5	571.76	571.66	38.6	150	0.6	374	0.8641	0.5114	1.5	1.36	1.69	54.6	0.01	HDPE
CO-49	MH-2818	MH-13	574.07	573.83	572.95	572.81	13.8	217	1.55	100	4.476	3.1528	0.9	0.91	0.8	67.7	0.01	HDPE
CO-50	MH-13	MH-1249	573.83	573.49	571.29	571.28	18.7	400	0.63	1,000	6.573	3.6642	2	2.13	1.82	50.5	0.011	HDPE
CO-51	MH-12	MH-13	573.5	573.83	571.66	571.54	44	150	0.6	374	0.8641	0.5114	1.9	1.69	2.13	50.7	0.01	HDPE
CO-52	MH-5274	MH-4320	586.71	586.58	585.76	585.63	20	150	0.95	162	1.3119	0.949	0.8	0.8	0.8	63.4	0.01	HDPE
CO-53	MH-5430	MH-5827	589.09	588.68	588.14	587.73	46.6	150	0.51	115	1.4159	0.0796	0.8	0.8	0.8	21.5	0.011	HDPE
CO-54	MH-6833	MH-14	592.12	590.68	589.53	589.16	111.3	600	1.51	300	36.1977	19.5624	1.5	1.99	0.91	51.9	0.011	HDPE
CO-55	MH-14	MH-5013	590.68	589.87	588.28	588.22	61.5	700	0.99	1,000	29.2326	23.3449	1.3	1.7	0.96	53.4	0.011	HDPE
CO-56	MH-2148	MH-14	589.89	590.68	588.62	588.58	40.1	400	0.64	1,000	6.573	3.7825	1.3	0.88	1.7	43.9	0.011	HDPE
CO-57	MH-3028	MH-5988	588.92	588.69	587.82	587.74	42.1	150	0.52	552	0.7119	0.5465	0.9	0.95	0.8	56.6	0.01	HDPE
CO-58	MH-973	MH-6484	587.6	587.36	586.43	586.29	13.9	271	1.53	100	8.0956	2.9707	0.8	0.9	0.8	54.4	0.01	HDPE
CO-59	MH-5302	MH-2665	571.33	570.99	570.22	570.04	18.3	150	0.79	100	1.52	0.3065	0.9	0.96	0.8	33	0.011	Concrete
CO-60	MH-2666	MH-4965	570.72	570.18	569.52	569.23	29.4	150	0.87	100	1.52	0.4238	0.9	1.04	0.8	39	0.011	Concrete

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-6672	546.55	543.84	(N/A)	(N/A)	543.84	275.81	1
MH-6743	548.7	545.99	(N/A)	(N/A)	544.1	274.86	0.88
MH-6763	552	549.29	(N/A)	(N/A)	546.43	274.86	0.88
MH-6762	554.64	551.92	(N/A)	(N/A)	549.79	274.86	0.88
MH-6761	555.25	552.54	(N/A)	(N/A)	552.54	274.86	0.88
MH-6745	555.86	553.14	(N/A)	(N/A)	553.14	274.86	0.88
MH-6760	555.87	553.15	(N/A)	(N/A)	553.15	274.86	0.88
MH-6759	556.59	553.54	(N/A)	(N/A)	553.54	274.86	0.97
MH-6758	557.11	553.69	(N/A)	(N/A)	553.69	274.86	1.09
MH-6757	557.72	553.88	(N/A)	(N/A)	553.88	274.86	1.13
MH-4091	558	555.69	557.05	(N/A)	555.59	195.57	1.06
MH-6728	558.2	554.03	(N/A)	(N/A)	554.03	274.86	1.14
MH-4090	558.32	557.37	556.01	556.81	555.77	194.95	0.87
MH-6746	558.49	555.54	(N/A)	(N/A)	555.54	195.67	1.06
MH-6416	558.92	557.97	(N/A)	(N/A)	557.97	1.37	0.12
MH-5751	558.93	557.92	(N/A)	(N/A)	557.92	1.07	0.12
MH-6756	559.02	554.27	(N/A)	(N/A)	554.27	274.86	1.15
MH-6747	559.03	555.5	(N/A)	(N/A)	555.5	195.83	1.06
MH-4778	559.4	558.45	(N/A)	(N/A)	557.59	0.57	0.07
MH-6748	559.42	555.47	(N/A)	(N/A)	555.47	195.98	1.05
MH-5342	559.43	557.92	(N/A)	(N/A)	556.94	18.49	0.3
MH-5752	559.67	557.84	(N/A)	(N/A)	557.84	1.17	0.13
MH-5801	559.68	558.66	(N/A)	(N/A)	558.38	0.98	0.09
MH-6755	559.68	554.47	(N/A)	(N/A)	554.47	274.86	1.15
MH-6457	559.87	557.71	555.43	(N/A)	555.43	197.34	1.05
MH-6749	559.93	555.39	(N/A)	(N/A)	555.39	197.54	1.05
MH-6750	560.01	555.34	(N/A)	(N/A)	555.34	197.72	1.04
MH-6751	560.12	555.27	(N/A)	(N/A)	555.27	198.2	1.03
MH-4777	560.2	559.25	(N/A)	(N/A)	558.76	0.52	0.07
MH-6560	560.26	559.07	554.65	(N/A)	554.65	274.86	1.15
MH-6752	560.3	555.16	(N/A)	(N/A)	555.16	198.83	1
MH-6753	560.36	554.91	(N/A)	(N/A)	554.71	269.94	1.15
MH-1061	560.46	559.51	559.33	(N/A)	559.26	0.86	0.1
MH-6559	560.46	555.06	(N/A)	(N/A)	554.96	249.62	1.04
MH-4948	560.46	559.2	(N/A)	(N/A)	559.2	0.92	0.09
MH-1060	560.47	559.52	(N/A)	(N/A)	559.52	0.18	0.04
MH-2097	560.52	559.57	(N/A)	(N/A)	559.57	0.65	0.08
MH-6754	560.6	559.39	(N/A)	(N/A)	559.39	4.39	0.2
MH-2443	560.75	559.24	(N/A)	(N/A)	558.07	18.45	0.3
MH-4490	560.83	559.88	(N/A)	(N/A)	559.88	0.34	0.06
MH-6564	560.89	559.82	(N/A)	(N/A)	559.82	4.18	0.18
MH-3255	560.92	559.97	(N/A)	(N/A)	559.65	0.45	0.07
MH-6121	560.93	(N/A)	(N/A)	(N/A)	559.87	0.13	0.03
MH-2442	561.11	559.6	(N/A)	(N/A)	559.29	18.41	0.3
MH-4491	561.21	559.76	558.89	(N/A)	556.31	175.03	0.75
MH-3254	561.28	560.33	(N/A)	(N/A)	560.15	0.38	0.06
MH-6550	561.33	560.26	(N/A)	(N/A)	560.26	3.74	0.17
MH-6261	561.33	560.23	(N/A)	(N/A)	560.23	0.55	0.07
MH-6260	561.56	(N/A)	(N/A)	(N/A)	560.61	0.23	0.05
MH-6500	561.69	560.74	(N/A)	(N/A)	560.74	0.48	0.08
MH-6472	561.73	560.71	(N/A)	(N/A)	560.65	3.16	0.16

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5024	561.76	560.81	(N/A)	(N/A)	560.21	0.29	0.05
MH-5063	561.79	560.84	(N/A)	(N/A)	560.67	0.3	0.05
MH-4602	561.81	560.3	(N/A)	(N/A)	559.69	18.34	0.3
MH-5185	562.49	561.48	561.48	(N/A)	561.48	2.87	0.15
MH-4758	562.56	561.04	(N/A)	(N/A)	560.4	18.28	0.3
MH-6426	562.57	561.62	(N/A)	(N/A)	559.85	0.91	0.1
MH-5184	562.74	561.73	(N/A)	(N/A)	561.73	1.54	0.11
MH-6207	562.78	561.83	(N/A)	(N/A)	561.47	0.16	0.04
MH-4878	562.94	561.99	(N/A)	(N/A)	561.25	0.24	0.05
MH-6425	563.19	562.24	(N/A)	(N/A)	562.24	0.54	0.07
MH-5474	563.2	(N/A)	(N/A)	(N/A)	561.72	0.22	0.05
MH-6508	563.25	561.98	(N/A)	(N/A)	561.98	1.25	0.1
MH-4131	563.27	561.62	(N/A)	(N/A)	561.62	1.86	0.17
MH-4130	563.31	561.7	561.75	562.36	561.65	1.83	0.16
MH-4704	563.32	561.81	(N/A)	(N/A)	561.14	18.22	0.3
MH-3457	563.37	561.85	(N/A)	(N/A)	561.81	0.85	0.1
MH-3456	563.4	561.92	562.45	(N/A)	561.89	0.79	0.1
MH-6012	563.42	562.47	562.24	(N/A)	562.21	0.7	0.08
MH-6254	563.44	562.49	(N/A)	(N/A)	562.49	0.38	0.06
MH-1217	563.45	(N/A)	(N/A)	(N/A)	562.16	0.06	0.02
MH-1216	563.49	562.54	(N/A)	(N/A)	562.47	1	0.11
MH-5051	563.53	562.41	(N/A)	(N/A)	562.41	1.11	0.09
MH-4440	563.59	561.59	(N/A)	(N/A)	561.59	1.93	0.17
MH-5865	563.67	562.72	(N/A)	(N/A)	562.72	0.25	0.05
MH-6289	563.69	562.1	(N/A)	(N/A)	562.1	0.52	0.08
MH-3963	563.74	562.79	(N/A)	(N/A)	562.31	0.18	0.04
MH-5172	563.79	562.84	(N/A)	(N/A)	562.71	0.24	0.05
MH-1736	563.81	562.46	(N/A)	(N/A)	562.46	0.3	0.05
MH-5203	563.88	561.37	562.3	(N/A)	561.37	92.55	0.62
MH-5643	563.88	561.54	(N/A)	(N/A)	561.54	2.09	0.18
MH-2112	563.93	562.98	(N/A)	(N/A)	562.65	0.97	0.1
MH-1447	563.94	562.42	(N/A)	(N/A)	562.42	0.31	0.06
MH-5022	563.98	562.42	563	(N/A)	562.33	2.47	0.19
MH-1448	563.98	562.39	(N/A)	(N/A)	562.39	0.35	0.06
MH-597	564	563.05	562.66	(N/A)	562.66	1.49	0.13
MH-6370	564	562.19	562.87	(N/A)	562.09	87.8	0.72
MH-4064	564	562.29	562.62	561.97	561.46	91.84	0.74
MH-1304	564	562.64	(N/A)	(N/A)	562.64	1.51	0.13
MH-5983	564.01	563.06	(N/A)	(N/A)	562.99	1.4	0.14
MH-4703	564.05	562.54	(N/A)	(N/A)	561.91	18.18	0.3
MH-5910	564.07	562.57	(N/A)	(N/A)	562.55	0.57	0.08
MH-6517	564.09	560.06	560.4	(N/A)	559.15	174.57	0.75
MH-2573	564.13	562.73	(N/A)	(N/A)	562.68	1.45	0.13
MH-4408	564.16	563.2	(N/A)	(N/A)	563.11	0.23	0.05
MH-1927	564.16	562.89	(N/A)	(N/A)	562.89	0.19	0.04
MH-5021	564.21	563.24	(N/A)	(N/A)	563.24	1.86	0.13
MH-1928	564.22	562.81	(N/A)	(N/A)	562.81	0.35	0.06
MH-2899	564.23	(N/A)	(N/A)	(N/A)	563.28	0	0.02
MH-6137	564.3	563.29	563.02	(N/A)	562.31	1.45	0.11
MH-2900	564.32	563.27	(N/A)	(N/A)	563.27	0.03	0.03
MH-327	564.33	562.55	563.38	(N/A)	562.52	0.59	0.07

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3962	564.33	563.38	(N/A)	(N/A)	563.03	0.13	0.03
MH-4407	564.34	563.39	(N/A)	(N/A)	563.39	0.18	0.04
MH-5007	564.36	563.41	(N/A)	(N/A)	563.38	0.8	0.11
MH-3051	564.41	563.25	563.46	(N/A)	563.25	0.17	0.04
MH-4115	564.53	563.57	(N/A)	(N/A)	563.57	1.24	0.11
MH-5735	564.55	563.57	(N/A)	(N/A)	563.57	1.72	0.13
MH-366	564.68	563.73	(N/A)	(N/A)	563.73	0.09	0.03
MH-3742	564.7	561.47	(N/A)	(N/A)	561.47	2.18	0.17
MH-3881	564.72	563.77	(N/A)	(N/A)	563.77	1.09	0.1
MH-5741	564.75	563.8	(N/A)	(N/A)	563.8	0.18	0.04
MH-6414	564.77	(N/A)	(N/A)	(N/A)	563.54	0.08	0.03
MH-5614	564.8	562.67	(N/A)	(N/A)	562.67	0.48	0.08
MH-788	564.8	(N/A)	(N/A)	(N/A)	563.85	0.02	0.02
MH-787	564.8	563.29	563.02	563.85	562.64	18.15	0.3
MH-3879	564.81	(N/A)	(N/A)	(N/A)	563.86	0.06	0.03
MH-3290	564.83	563.88	(N/A)	(N/A)	563.88	0.07	0.03
MH-6263	564.88	(N/A)	(N/A)	(N/A)	563.93	0.12	0.03
MH-4126	564.9	(N/A)	(N/A)	(N/A)	563.95	0.05	0.03
MH-6160	564.91	563.96	(N/A)	(N/A)	563.94	1.4	0.11
MH-3880	564.93	563.98	(N/A)	(N/A)	563.98	1.02	0.1
MH-6290	564.94	(N/A)	(N/A)	(N/A)	563.73	0.03	0.02
MH-6806	565.03	564.08	560.17	(N/A)	560.17	173.93	0.88
MH-5380	565.07	(N/A)	(N/A)	(N/A)	564.12	0.03	0.03
MH-6166	565.09	564.14	(N/A)	(N/A)	563.52	0.17	0.04
MH-3743	565.1	561.44	560.61	(N/A)	560.61	94.79	0.76
MH-5549	565.12	564.17	562.83	(N/A)	562.83	1.37	0.15
MH-4914	565.15	(N/A)	(N/A)	(N/A)	563.7	0.08	0.03
MH-3646	565.17	564.22	(N/A)	(N/A)	563.68	0.93	0.1
MH-5008	565.18	563.32	(N/A)	(N/A)	563.28	0.84	0.08
MH-149	565.24	564.29	563.49	563.84	563.49	0.27	0.05
MH-4975	565.27	563.47	(N/A)	(N/A)	562.79	86.31	0.62
MH-3844	565.28	564.33	(N/A)	(N/A)	564.2	0.73	0.08
MH-3449	565.35	(N/A)	(N/A)	(N/A)	564.4	0.02	0.01
MH-6313	565.36	564.41	(N/A)	(N/A)	564.41	1.12	0.11
MH-4850	565.42	(N/A)	(N/A)	(N/A)	564.47	0.07	0.03
MH-432	565.43	562.75	(N/A)	(N/A)	562.75	0.42	0.07
MH-431	565.44	562.85	564.08	(N/A)	562.85	0.4	0.07
MH-6528	565.45	563.44	560.51	(N/A)	560.21	173.58	0.91
MH-3645	565.48	564.53	(N/A)	(N/A)	564.43	0.87	0.09
MH-1946	565.49	(N/A)	(N/A)	(N/A)	564.54	0.05	0.04
MH-5517	565.49	564.54	(N/A)	(N/A)	564.54	0.88	0.09
MH-189	565.5	564.52	(N/A)	(N/A)	563.72	0.09	0.03
MH-190	565.5	564.55	564.55	(N/A)	564.55	0.08	0.04
MH-4779	565.57	564.06	(N/A)	(N/A)	563.39	17.27	0.29
MH-6623	565.59	(N/A)	(N/A)	(N/A)	564.02	0.15	0.04
MH-6006	565.59	564.64	(N/A)	(N/A)	563.92	0.1	0.03
MH-377	565.62	564.67	564.53	(N/A)	564.53	0.09	0.04
MH-1256	565.65	564.7	(N/A)	(N/A)	564.68	0.04	0.02
MH-4648	565.67	564.64	(N/A)	(N/A)	564.34	0.25	0.05
MH-3429	565.68	564.73	(N/A)	(N/A)	564.73	0.16	0.04
MH-3843	565.71	564.76	564.76	(N/A)	564.55	0.58	0.08

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4445	565.72	563.35	(N/A)	(N/A)	563.35	0.3	0.05
MH-4851	565.72	564.33	564.77	(N/A)	564.33	0.13	0.03
MH-2872	565.74	562.92	(N/A)	(N/A)	562.92	0.36	0.06
MH-1257	565.76	564.81	564.81	(N/A)	564.75	0.03	0.02
MH-3430	565.76	564.57	564.81	564.81	564.5	1.31	0.1
MH-6365	565.85	564.9	(N/A)	(N/A)	564.9	0.79	0.09
MH-5033	565.85	562.88	(N/A)	(N/A)	562.88	0.84	0.11
MH-2471	565.89	564.94	(N/A)	(N/A)	564.94	0.02	0.01
MH-5516	565.89	564.94	(N/A)	(N/A)	564.94	0.72	0.08
MH-3919	565.92	564.51	(N/A)	(N/A)	564.51	0.11	0.05
MH-6036	565.92	564.97	(N/A)	(N/A)	563.84	0.2	0.04
MH-6106	565.94	(N/A)	(N/A)	(N/A)	564.99	0.04	0.02
MH-2258	565.95	(N/A)	(N/A)	(N/A)	565	0.03	0.02
MH-3175	566.04	565.09	(N/A)	(N/A)	564.88	0.8	0.09
MH-4647	566.06	564.83	(N/A)	(N/A)	564.83	0.2	0.04
MH-4889	566.08	(N/A)	(N/A)	(N/A)	564.83	0.03	0.02
MH-6380	566.08	565.13	(N/A)	(N/A)	564.67	0.49	0.07
MH-2259	566.09	564.91	(N/A)	(N/A)	564.91	0.04	0.02
MH-3285	566.09	(N/A)	(N/A)	(N/A)	564.99	0.01	0.01
MH-5604	566.1	(N/A)	(N/A)	(N/A)	565.15	0.07	0.04
MH-5309	566.14	(N/A)	(N/A)	(N/A)	565.14	0.03	0.02
MH-5924	566.17	(N/A)	(N/A)	(N/A)	565.22	0.04	0.02
MH-5018	566.25	565.11	(N/A)	(N/A)	565.11	0.14	0.04
MH-1831	566.28	565.33	(N/A)	(N/A)	565.27	0.73	0.08
MH-5019	566.29	564.47	(N/A)	(N/A)	564.47	0.15	0.04
MH-3821	566.31	(N/A)	(N/A)	(N/A)	565.17	0.01	0.01
MH-6227	566.31	565.22	(N/A)	(N/A)	565.22	0.51	0.08
MH-4701	566.32	564.8	(N/A)	(N/A)	564.16	17.23	0.29
MH-6165	566.32	(N/A)	(N/A)	(N/A)	564.75	0.05	0.02
MH-3770	566.35	(N/A)	(N/A)	(N/A)	565.4	0.02	0.02
MH-4998	566.37	563.05	(N/A)	(N/A)	563.05	0.33	0.06
MH-6262	566.4	565.42	565.42	(N/A)	565.36	0.96	0.11
MH-1830	566.41	565.46	(N/A)	(N/A)	565.42	0.7	0.08
MH-5032	566.48	562.99	(N/A)	(N/A)	562.95	0.81	0.1
MH-3358	566.5	(N/A)	(N/A)	(N/A)	565.55	0.04	0.02
MH-3643	566.65	(N/A)	(N/A)	(N/A)	565.7	0.07	0.04
MH-4795	566.66	564.19	(N/A)	(N/A)	564.19	0.18	0.04
MH-6071	566.7	(N/A)	(N/A)	(N/A)	565.2	0.04	0.02
MH-5601	566.7	565.75	(N/A)	(N/A)	565.37	0.65	0.08
MH-6718	566.7	(N/A)	(N/A)	(N/A)	565.75	0.09	0.03
MH-3702	566.72	(N/A)	(N/A)	(N/A)	565.77	0.03	0.03
MH-3359	566.74	565.38	565.38	(N/A)	565.38	0.07	0.04
MH-5584	566.76	565.5	(N/A)	(N/A)	565.5	0.32	0.06
MH-3587	566.79	(N/A)	(N/A)	(N/A)	565.84	0.02	0.02
MH-5825	566.84	565.89	565.85	(N/A)	565.52	1.09	0.1
MH-3642	566.88	565.68	(N/A)	(N/A)	565.68	0.11	0.03
MH-5319	566.91	565.96	(N/A)	(N/A)	565.83	0.64	0.08
MH-3442	566.95	(N/A)	(N/A)	(N/A)	566	0.03	0.02
MH-90	566.98	563.36	(N/A)	(N/A)	563.36	0.57	0.08
MH-89	566.98	563.44	565.75	(N/A)	563.42	0.55	0.08
MH-4134	566.98	563.98	(N/A)	(N/A)	563.98	0.21	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-6654	567.02	(N/A)	(N/A)	(N/A)	564.23	0.08	0.03
MH-4564	567.02	565.51	(N/A)	(N/A)	564.9	17.17	0.29
MH-5583	567.03	565.75	(N/A)	(N/A)	565.75	0.22	0.05
MH-6035	567.04	(N/A)	(N/A)	(N/A)	565.51	0.04	0.02
MH-963	567.06	565.1	(N/A)	(N/A)	563.74	1.25	0.1
MH-962	567.07	566.12	565.21	(N/A)	565.21	1.15	0.13
MH-4905	567.12	565.35	(N/A)	(N/A)	565.35	0.11	0.05
MH-5094	567.15	566.2	(N/A)	(N/A)	566.2	0.53	0.07
MH-6283	567.18	(N/A)	(N/A)	(N/A)	566.23	0.16	0.04
MH-583	567.18	565.82	565.82	(N/A)	565.82	0.06	0.04
MH-584	567.19	565.8	(N/A)	(N/A)	565.8	0.07	0.04
MH-6183	567.25	566.28	(N/A)	(N/A)	566.28	0.14	0.04
MH-6248	567.29	(N/A)	(N/A)	(N/A)	566.34	0.06	0.03
MH-6114	567.3	566.03	565.28	(N/A)	563.83	78.64	0.53
MH-5093	567.32	566.37	566.37	(N/A)	566.37	0.43	0.07
MH-5826	567.34	566.39	(N/A)	(N/A)	566.39	0.12	0.03
MH-1418	567.35	566.4	565.54	(N/A)	565.54	0.34	0.06
MH-5680	567.39	(N/A)	(N/A)	(N/A)	566.44	0.07	0.03
MH-6556	567.42	566.47	(N/A)	(N/A)	566.18	0.94	0.1
MH-363	567.43	563.88	(N/A)	(N/A)	563.88	0.22	0.05
MH-364	567.43	564.92	563.79	(N/A)	563.79	0.42	0.07
MH-4577	567.47	566.52	(N/A)	(N/A)	566.4	0.54	0.07
MH-1417	567.49	566.54	(N/A)	(N/A)	566.47	0.19	0.04
MH-4527	567.51	565.31	(N/A)	(N/A)	565.31	0.13	0.04
MH-3072	567.52	566.57	(N/A)	(N/A)	566.57	0.25	0.05
MH-391	567.56	565.79	563.11	(N/A)	563.11	0.78	0.1
MH-1004	567.6	563.14	(N/A)	(N/A)	563.14	0.7	0.1
MH-2536	567.61	566.66	(N/A)	(N/A)	566.56	0.14	0.04
MH-6070	567.61	(N/A)	(N/A)	(N/A)	566.66	0.1	0.04
MH-6381	567.61	566.66	(N/A)	(N/A)	565.91	0.49	0.07
MH-1575	567.66	566.15	(N/A)	(N/A)	565.6	17.11	0.29
MH-6594	567.72	(N/A)	(N/A)	(N/A)	566.1	0.06	0.02
MH-791	567.75	566.73	(N/A)	(N/A)	566.73	0.22	0.05
MH-790	567.76	566.81	566.81	(N/A)	566.81	0.19	0.04
MH-4027	567.78	566.83	566.83	(N/A)	566.73	0.88	0.09
MH-4576	567.8	566.85	(N/A)	(N/A)	566.8	0.43	0.06
MH-2066	567.82	566.87	(N/A)	(N/A)	566.8	0.13	0.03
MH-30	567.84	566.33	566.59	(N/A)	566.21	17.08	0.29
MH-4360	567.85	565.07	(N/A)	(N/A)	565.07	0.18	0.04
MH-3361	567.88	563.22	(N/A)	(N/A)	563.22	0.61	0.09
MH-5615	567.89	566.94	(N/A)	(N/A)	566.94	0.15	0.04
MH-4784	567.92	566.36	(N/A)	(N/A)	566.36	0.23	0.05
MH-5152	567.93	566.98	(N/A)	(N/A)	566.92	0.08	0.03
MH-6048	567.96	563.59	(N/A)	(N/A)	563.59	0.49	0.08
MH-2065	568	567.05	(N/A)	(N/A)	566.98	0.12	0.03
MH-4783	568.04	566.6	(N/A)	(N/A)	566.6	0.16	0.04
MH-1560	568.09	567.14	(N/A)	(N/A)	567.03	0.12	0.03
MH-6319	568.09	567.14	565.67	(N/A)	565.67	0.72	0.11
MH-3362	568.12	563.18	(N/A)	(N/A)	563.18	0.68	0.09
MH-3531	568.2	566.32	565.43	(N/A)	565.43	78.33	0.56
MH-6405	568.23	(N/A)	(N/A)	(N/A)	567.28	0.05	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2203	568.23	567.28	(N/A)	(N/A)	567.17	0.1	0.03
MH-6723	568.25	567.3	(N/A)	(N/A)	567.04	0.05	0.02
MH-4549	568.25	567.3	(N/A)	(N/A)	567.3	0.13	0.03
MH-5528	568.28	567.33	(N/A)	(N/A)	567.26	0.33	0.06
MH-1460	568.32	567.23	567.37	(N/A)	567.23	1.08	0.09
MH-1271	568.33	(N/A)	(N/A)	(N/A)	567.38	0.03	0.02
MH-6084	568.33	(N/A)	(N/A)	(N/A)	567.38	0.12	0.03
MH-1459	568.41	567.46	(N/A)	(N/A)	567.44	0.22	0.05
MH-3490	568.43	567.48	(N/A)	(N/A)	567.33	0.03	0.02
MH-2659	568.43	567.3	(N/A)	(N/A)	567.26	0.83	0.1
MH-2225	568.45	567.5	(N/A)	(N/A)	567.4	0.08	0.03
MH-4548	568.46	567.51	(N/A)	(N/A)	567.51	0.08	0.03
MH-3530	568.47	566.4	(N/A)	(N/A)	566.36	0.82	0.1
MH-6722	568.47	567.38	(N/A)	(N/A)	567.38	0.09	0.03
MH-6721	568.5	567.55	(N/A)	(N/A)	567.55	0.05	0.02
MH-6720	568.6	567.65	(N/A)	(N/A)	567.65	0.03	0.02
MH-1087	568.69	(N/A)	(N/A)	(N/A)	567.74	0.02	0.01
MH-5780	568.7	567.75	(N/A)	(N/A)	567.39	0.71	0.08
MH-2468	568.71	(N/A)	(N/A)	(N/A)	567.64	0.05	0.02
MH-4315	568.71	567.76	(N/A)	(N/A)	567.76	0.04	0.02
MH-5803	568.73	567.43	567.78	(N/A)	567.43	0.76	0.1
MH-2607	568.77	567.82	(N/A)	(N/A)	567.68	0.01	0.01
MH-4585	568.8	567.85	(N/A)	(N/A)	567.85	0.48	0.08
MH-4	568.8	(N/A)	(N/A)	(N/A)	567.3	0.26	0.05
MH-4912	568.8	567.68	(N/A)	(N/A)	567.68	0.76	0.1
MH-1244	568.83	567.57	(N/A)	(N/A)	567.55	0.53	0.08
MH-4885	568.83	565.72	567.88	(N/A)	565.72	77.46	0.53
MH-1243	568.84	567.59	567.89	(N/A)	567.59	0.51	0.08
MH-5844	568.85	567.33	(N/A)	(N/A)	566.46	15.96	0.28
MH-4314	568.9	(N/A)	(N/A)	(N/A)	567.95	0.01	0.01
MH-5456	568.9	(N/A)	(N/A)	(N/A)	567.95	0.34	0.06
MH-4999	568.93	566.47	(N/A)	(N/A)	566.47	0.77	0.1
MH-6153	568.99	(N/A)	(N/A)	(N/A)	567.93	0.18	0.04
MH-1425	569.01	(N/A)	(N/A)	(N/A)	567.97	0	0.01
MH-4369	569.05	568.1	(N/A)	(N/A)	568.1	0.46	0.07
MH-4226	569.05	567.77	(N/A)	(N/A)	567.77	0.5	0.08
MH-6169	569.05	(N/A)	(N/A)	(N/A)	568.1	0.14	0.04
MH-11	569.07	565.76	(N/A)	(N/A)	565.76	77.23	0.64
MH-1127	569.12	566.81	568.17	(N/A)	566.81	0.37	0.06
MH-4414	569.13	(N/A)	(N/A)	(N/A)	568.18	0.04	0.03
MH-1875	569.17	567.56	568.15	(N/A)	567.56	0.66	0.09
MH-4649	569.19	568.24	(N/A)	(N/A)	568.18	0.33	0.06
MH-2008	569.19	567.59	(N/A)	(N/A)	567.59	0.61	0.09
MH-2007	569.21	567.61	(N/A)	(N/A)	567.61	0.6	0.09
MH-1126	569.22	566.84	(N/A)	(N/A)	566.84	0.18	0.04
MH-2001	569.24	568.29	(N/A)	(N/A)	568.29	0.03	0.04
MH-6719	569.26	567.71	568.31	(N/A)	567.69	0.58	0.08
MH-2002	569.28	568.28	568.33	(N/A)	568.28	0.27	0.05
MH-3804	569.29	568.34	565.81	(N/A)	565.81	77.23	0.67
MH-3131	569.3	567.66	(N/A)	(N/A)	567.66	0.59	0.08
MH-2319	569.31	568.36	(N/A)	(N/A)	568.36	0.02	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5436	569.36	566.58	568.41	(N/A)	566.55	0.71	0.1
MH-2450	569.36	(N/A)	(N/A)	(N/A)	568.41	0.01	0.01
MH-1638	569.36	567.54	(N/A)	(N/A)	567.54	0.66	0.09
MH-662	569.37	568.42	568.42	567.78	567.75	0.59	0.09
MH-661	569.38	567.75	(N/A)	(N/A)	567.75	0.61	0.09
MH-4227	569.44	568.49	(N/A)	(N/A)	568.48	0.06	0.02
MH-4884	569.49	568.54	(N/A)	(N/A)	568.19	0.16	0.04
MH-1347	569.49	568.54	(N/A)	(N/A)	568.31	0.42	0.06
MH-1639	569.52	567.52	(N/A)	(N/A)	567.52	0.67	0.09
MH-5779	569.53	568.58	(N/A)	(N/A)	568.21	0.67	0.08
MH-1976	569.54	568.57	(N/A)	(N/A)	568.53	0.22	0.05
MH-6102	569.56	567.56	(N/A)	(N/A)	567.52	0.85	0.1
MH-5585	569.57	566.52	567.12	(N/A)	566.52	73.85	0.76
MH-3799	569.61	568.66	(N/A)	(N/A)	568.61	0.28	0.05
MH-1040	569.66	568.71	568.71	(N/A)	568.71	0.4	0.06
MH-1977	569.69	568.64	(N/A)	(N/A)	568.64	0.2	0.04
MH-5727	569.7	568.05	(N/A)	(N/A)	568.05	0.32	0.06
MH-1898	569.72	568.77	(N/A)	(N/A)	568.77	0.12	0.03
MH-7	569.72	566.53	(N/A)	(N/A)	566.53	70.98	0.76
MH-3220	569.73	568.78	(N/A)	(N/A)	568.56	0.19	0.04
MH-2238	569.73	567.49	(N/A)	(N/A)	567.49	0.69	0.09
MH-2027	569.84	568.71	(N/A)	(N/A)	568.71	0.19	0.04
MH-3798	569.88	568.92	(N/A)	(N/A)	568.89	0.2	0.04
MH-5666	569.88	(N/A)	(N/A)	(N/A)	568.93	0.02	0.02
MH-5608	569.94	(N/A)	(N/A)	(N/A)	568.85	0.02	0.01
MH-2896	569.94	568.99	(N/A)	(N/A)	568.93	0.11	0.03
MH-4887	569.95	(N/A)	(N/A)	(N/A)	568.87	0.04	0.02
MH-1505	569.96	569.01	(N/A)	(N/A)	569.01	0.12	0.03
MH-723	569.97	568.8	569.02	(N/A)	568.8	0.19	0.04
MH-724	569.97	569.02	(N/A)	(N/A)	569.02	0.05	0.02
MH-2053	569.98	567.46	(N/A)	(N/A)	567.46	0.7	0.1
MH-4867	569.98	569.03	(N/A)	(N/A)	568.74	0.22	0.05
MH-6599	570.01	(N/A)	(N/A)	(N/A)	568.52	0.18	0.04
MH-8	570.01	566.37	(N/A)	(N/A)	566.37	73.85	0.75
MH-1504	570.01	569.06	(N/A)	(N/A)	569.06	0.11	0.03
MH-3219	570.03	569.08	(N/A)	(N/A)	568.96	0.15	0.04
MH-1565	570.05	569.1	(N/A)	(N/A)	569.1	0.05	0.02
MH-4426	570.08	569.13	(N/A)	(N/A)	568.98	0.28	0.05
MH-4380	570.09	568.71	(N/A)	(N/A)	568.71	0.23	0.05
MH-1566	570.1	569.15	(N/A)	(N/A)	569.15	0.04	0.02
MH-1090	570.1	569.15	(N/A)	(N/A)	569.13	0.1	0.03
MH-6246	570.11	565.87	(N/A)	(N/A)	565.87	76.97	0.69
MH-1932	570.12	567.44	(N/A)	(N/A)	567.44	0.72	0.1
MH-1089	570.15	569.19	(N/A)	(N/A)	569.19	0.09	0.03
MH-4847	570.16	569.21	(N/A)	(N/A)	569.21	0.13	0.03
MH-4965	570.18	569.23	569.23	(N/A)	569.02	0.62	0.08
MH-1562	570.22	569.27	(N/A)	(N/A)	569.27	0.07	0.03
MH-5962	570.24	569.29	(N/A)	(N/A)	569.05	0.14	0.04
MH-1561	570.3	(N/A)	(N/A)	(N/A)	569.35	0.06	0.02
MH-1933	570.31	566.59	567.42	(N/A)	566.59	70.98	0.76
MH-6083	570.31	569.36	(N/A)	(N/A)	568.59	0.15	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4906	570.36	568.17	569.38	567.39	567.21	2.79	0.14
MH-2794	570.39	569.44	(N/A)	(N/A)	569.32	0.03	0.02
MH-9	570.41	566.24	(N/A)	(N/A)	566.24	73.85	0.72
MH-5665	570.41	569.46	568.88	(N/A)	568.88	0.2	0.04
MH-3262	570.43	569.48	(N/A)	(N/A)	569.3	0.12	0.03
MH-5146	570.43	569.48	(N/A)	(N/A)	569.36	0.07	0.03
MH-4738	570.45	569.5	(N/A)	(N/A)	569.5	0.07	0.03
MH-5966	570.49	568.97	(N/A)	(N/A)	567.61	15.84	0.28
MH-2337	570.57	569.62	(N/A)	(N/A)	569.55	0.15	0.04
MH-6769	570.58	565.95	(N/A)	(N/A)	565.95	76.82	0.7
MH-2795	570.58	(N/A)	(N/A)	(N/A)	569.59	0.01	0.01
MH-6314	570.61	569.66	(N/A)	(N/A)	569.1	0.27	0.05
MH-4839	570.61	569.66	(N/A)	(N/A)	569.44	0.25	0.05
MH-5052	570.61	(N/A)	(N/A)	(N/A)	569.37	0.19	0.04
MH-10	570.7	566.14	(N/A)	(N/A)	566.14	73.85	0.67
MH-2666	570.72	569.77	(N/A)	(N/A)	569.52	0.42	0.06
MH-4737	570.72	(N/A)	(N/A)	(N/A)	569.77	0.02	0.01
MH-2336	570.72	569.77	(N/A)	(N/A)	569.75	0.14	0.04
MH-6269	570.72	569.75	(N/A)	(N/A)	569.75	1.08	0.1
MH-5496	570.73	566.85	(N/A)	(N/A)	566.85	70.24	0.51
MH-3052	570.74	567.77	568.16	569.76	566.92	70.21	0.65
MH-1355	570.75	569.55	569.55	(N/A)	569.45	9.8	0.34
MH-1356	570.76	569.45	(N/A)	(N/A)	569.45	9.83	0.34
MH-5961	570.77	(N/A)	(N/A)	(N/A)	569.8	0.04	0.02
MH-6090	570.78	569.39	(N/A)	(N/A)	569.39	9.9	0.34
MH-3261	570.81	569.86	(N/A)	(N/A)	569.66	0.08	0.03
MH-3322	570.83	569.76	566.09	(N/A)	565.99	76.73	0.71
MH-5145	570.89	(N/A)	(N/A)	(N/A)	569.84	0.01	0.01
MH-6019	570.92	569.33	(N/A)	(N/A)	569.33	10	0.33
MH-4202	570.95	570	570	568.3	568.23	0.81	0.1
MH-6327	570.96	(N/A)	(N/A)	(N/A)	569.25	0.07	0.02
MH-6082	570.97	(N/A)	(N/A)	(N/A)	569.92	0.04	0.02
MH-4432	570.97	569.77	(N/A)	(N/A)	569.77	3.58	0.14
MH-2665	570.99	570.04	570.04	(N/A)	569.91	0.41	0.06
MH-1819	571	570.05	(N/A)	(N/A)	570.03	0.13	0.03
MH-2947	571.04	570.07	(N/A)	(N/A)	569.93	1.55	0.12
MH-2325	571.05	570.1	(N/A)	(N/A)	570.1	0.15	0.04
MH-6020	571.09	569.28	(N/A)	(N/A)	569.28	10.08	0.32
MH-1818	571.12	570.17	(N/A)	(N/A)	570.14	0.12	0.03
MH-1287	571.12	570.05	(N/A)	(N/A)	569.95	2.72	0.14
MH-3505	571.13	570.15	(N/A)	(N/A)	570.15	1.04	0.1
MH-2064	571.16	570.19	(N/A)	(N/A)	570.19	0.1	0.03
MH-1456	571.19	570.24	(N/A)	(N/A)	570.24	0.05	0.03
MH-3217	571.21	570.26	(N/A)	(N/A)	570.22	0.1	0.03
MH-5119	571.22	569.95	(N/A)	(N/A)	569.95	6.15	0.19
MH-1485	571.22	570.2	(N/A)	(N/A)	570.2	0.08	0.04
MH-5127	571.23	(N/A)	(N/A)	(N/A)	569.82	0.15	0.04
MH-2680	571.23	569.1	570.28	(N/A)	569.1	15.72	0.3
MH-1286	571.23	570.23	570.16	(N/A)	570.11	2.66	0.14
MH-1235	571.24	570	(N/A)	(N/A)	570	0.16	0.04
MH-449	571.25	570.3	570.3	(N/A)	570.01	0.22	0.05

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1455	571.25	570.3	(N/A)	(N/A)	570.3	0.03	0.02
MH-2095	571.26	570.31	(N/A)	(N/A)	570.3	0.11	0.03
MH-6456	571.28	(N/A)	(N/A)	(N/A)	569.06	0.15	0.04
MH-1401	571.3	570.21	(N/A)	(N/A)	570.21	0.07	0.04
MH-2679	571.3	570.1	569.21	(N/A)	569.11	15.42	0.33
MH-5302	571.33	570.38	(N/A)	(N/A)	570.22	0.31	0.05
MH-6235	571.35	(N/A)	(N/A)	(N/A)	570.4	0.05	0.02
MH-2946	571.37	570.39	(N/A)	(N/A)	570.23	1.5	0.12
MH-1267	571.37	570.23	(N/A)	(N/A)	570.23	0.05	0.03
MH-5364	571.37	570.42	(N/A)	(N/A)	570.42	0.15	0.04
MH-1400	571.38	570.21	(N/A)	(N/A)	570.21	0.07	0.04
MH-4201	571.38	570.43	(N/A)	(N/A)	570.25	0.49	0.07
MH-1506	571.44	569.9	(N/A)	(N/A)	569.9	0.17	0.04
MH-6	571.44	568.31	(N/A)	(N/A)	568.31	68.28	0.62
MH-5362	571.45	570.25	(N/A)	(N/A)	570.16	3.53	0.14
MH-5218	571.45	(N/A)	(N/A)	(N/A)	570.5	0.02	0.02
MH-1268	571.48	570.22	(N/A)	(N/A)	570.22	0.06	0.04
MH-2242	571.49	570.5	(N/A)	(N/A)	570.5	0.08	0.03
MH-2722	571.49	569.64	(N/A)	(N/A)	569.64	0.26	0.05
MH-4552	571.51	569.99	(N/A)	(N/A)	569.99	5.99	0.26
MH-2469	571.53	569.73	(N/A)	(N/A)	569.73	0.24	0.05
MH-4210	571.53	(N/A)	(N/A)	(N/A)	570.55	0.02	0.01
MH-1272	571.54	570.58	(N/A)	(N/A)	570.58	0.47	0.08
MH-850	571.54	570.38	570.36	(N/A)	570.36	1.02	0.1
MH-1273	571.58	570.56	(N/A)	(N/A)	570.56	0.48	0.08
MH-876	571.59	569.81	570.64	(N/A)	569.81	0.23	0.05
MH-2418	571.59	569.56	(N/A)	(N/A)	569.56	0.28	0.05
MH-2619	571.6	570.53	(N/A)	(N/A)	570.36	2.23	0.13
MH-2241	571.63	(N/A)	(N/A)	(N/A)	570.68	0.06	0.02
MH-2419	571.63	569.49	(N/A)	(N/A)	569.49	0.33	0.06
MH-1454	571.63	570.54	(N/A)	(N/A)	570.54	0.49	0.08
MH-3501	571.63	570.68	(N/A)	(N/A)	570.49	0.11	0.03
MH-2437	571.63	570.66	(N/A)	(N/A)	570.66	0.22	0.04
MH-1833	571.67	570.72	(N/A)	(N/A)	570.72	0.06	0.02
MH-5053	571.68	570.73	(N/A)	(N/A)	570.64	0.11	0.03
MH-4551	571.69	570.01	(N/A)	(N/A)	570.01	5.9	0.27
MH-2316	571.7	570.5	(N/A)	(N/A)	570.48	0.53	0.08
MH-5	571.73	568.36	(N/A)	(N/A)	568.36	68.28	0.66
MH-5409	571.73	570.2	(N/A)	(N/A)	570.2	5.3	0.2
MH-2618	571.73	570.66	(N/A)	(N/A)	570.66	2.2	0.13
MH-1850	571.74	570.79	(N/A)	(N/A)	570.79	0.13	0.03
MH-5363	571.74	570.79	(N/A)	(N/A)	570.79	0.09	0.03
MH-2054	571.76	570.81	(N/A)	(N/A)	570.81	0.04	0.02
MH-5985	571.78	(N/A)	(N/A)	(N/A)	570.83	0.03	0.03
MH-5670	571.78	(N/A)	(N/A)	(N/A)	570.29	0.03	0.02
MH-1849	571.81	570.86	(N/A)	(N/A)	570.86	0.09	0.03
MH-3259	571.84	569.41	(N/A)	(N/A)	569.41	0.36	0.06
MH-1517	571.9	570.95	(N/A)	(N/A)	570.95	0.06	0.02
MH-2506	571.92	570.4	570.87	(N/A)	570.36	1.05	0.12
MH-2212	571.93	570.05	(N/A)	(N/A)	570.05	5.82	0.28
MH-4794	571.94	570.96	(N/A)	(N/A)	570.7	1.46	0.12

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1064	571.96	571.01	(N/A)	(N/A)	571.01	0.04	0.02
MH-3656	571.97	571.02	(N/A)	(N/A)	570.99	0.03	0.02
MH-5539	571.98	(N/A)	(N/A)	(N/A)	571.03	0.02	0.01
MH-1063	571.99	571.04	(N/A)	(N/A)	571.04	0.02	0.01
MH-4859	571.99	570.79	(N/A)	(N/A)	570.65	3.44	0.14
MH-3222	571.99	571.04	(N/A)	(N/A)	570.76	0.28	0.05
MH-6698	571.99	570.06	569.25	(N/A)	568.4	68.28	0.67
MH-6726	572	571.05	(N/A)	(N/A)	570.52	0.09	0.03
MH-2211	572.02	570.06	(N/A)	(N/A)	570.06	5.78	0.28
MH-1073	572.02	(N/A)	(N/A)	(N/A)	571.07	0	0.01
MH-3191	572.02	570.95	(N/A)	(N/A)	570.95	2.53	0.18
MH-1785	572.02	570.95	(N/A)	(N/A)	570.91	2.16	0.12
MH-3192	572.02	570.93	(N/A)	(N/A)	570.8	2.59	0.16
MH-2507	572.04	570.34	(N/A)	(N/A)	570.34	1.06	0.12
MH-3670	572.04	570.78	(N/A)	(N/A)	570.78	2.64	0.16
MH-3	572.07	570.27	570.72	(N/A)	570.12	67.83	0.6
MH-3890	572.11	570.24	(N/A)	(N/A)	570.24	5.2	0.24
MH-3671	572.12	570.76	(N/A)	(N/A)	570.76	2.66	0.16
MH-3323	572.14	570.97	(N/A)	(N/A)	570.97	0.5	0.08
MH-1784	572.14	571.04	(N/A)	(N/A)	571.04	2	0.12
MH-3281	572.14	571.07	(N/A)	(N/A)	571.07	2.49	0.13
MH-2183	572.19	(N/A)	(N/A)	(N/A)	571.24	0.38	0.07
MH-3280	572.21	571.14	(N/A)	(N/A)	571.14	2.44	0.13
MH-3704	572.23	(N/A)	(N/A)	(N/A)	571.2	0.02	0.01
MH-2276	572.23	570.09	(N/A)	(N/A)	570.09	5.76	0.28
MH-6673	572.23	571.28	(N/A)	(N/A)	570.93	0.03	0.02
MH-5879	572.27	571.32	(N/A)	(N/A)	570.91	0.44	0.06
MH-1812	572.28	571.2	(N/A)	(N/A)	571.2	0.41	0.07
MH-2384	572.29	571.02	(N/A)	(N/A)	571.02	0.49	0.08
MH-4734	572.3	(N/A)	(N/A)	(N/A)	571.21	0.04	0.02
MH-4560	572.3	(N/A)	(N/A)	(N/A)	571.35	0.04	0.03
MH-3889	572.32	570.27	(N/A)	(N/A)	570.27	5.11	0.25
MH-3764	572.33	571.16	(N/A)	(N/A)	571.16	2.41	0.18
MH-2275	572.33	571.02	571.38	570.28	570.1	5.74	0.28
MH-2991	572.33	571.38	(N/A)	(N/A)	571.22	0.24	0.05
MH-1813	572.35	571.16	(N/A)	(N/A)	571.16	0.42	0.07
MH-4561	572.35	571.32	(N/A)	(N/A)	571.32	0.11	0.05
MH-2383	572.38	571.05	(N/A)	(N/A)	571.05	0.47	0.08
MH-3712	572.39	571.44	570.36	(N/A)	570.36	65.17	0.49
MH-6725	572.4	571.32	(N/A)	(N/A)	571.32	0.07	0.03
MH-4660	572.41	571.21	(N/A)	(N/A)	571.11	3.37	0.14
MH-3480	572.42	(N/A)	(N/A)	(N/A)	571.47	0.01	0.01
MH-1852	572.44	571.45	(N/A)	(N/A)	571.45	0.03	0.03
MH-6724	572.45	571.5	(N/A)	(N/A)	571.5	0.03	0.02
MH-3711	572.46	570.98	570.38	(N/A)	570.38	64.79	0.58
MH-2373	572.47	571.52	(N/A)	(N/A)	571.49	0.65	0.09
MH-4590	572.49	571.29	(N/A)	(N/A)	571.29	0.18	0.04
MH-2452	572.5	571.1	(N/A)	(N/A)	571.1	0.47	0.08
MH-4801	572.5	570.78	(N/A)	(N/A)	570.78	0.41	0.06
MH-3435	572.5	571.55	(N/A)	(N/A)	571.55	0.85	0.09
MH-4591	572.51	571.08	(N/A)	(N/A)	571.08	0.26	0.05

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2374	572.52	571.47	571.57	(N/A)	571.28	1.43	0.11
MH-2274	572.54	(N/A)	(N/A)	(N/A)	571.59	0.01	0.01
MH-2353	572.54	571.59	(N/A)	(N/A)	571.59	0.63	0.08
MH-6056	572.55	(N/A)	(N/A)	(N/A)	571.6	0.16	0.04
MH-5271	572.57	570.89	(N/A)	(N/A)	570.89	0.38	0.06
MH-3029	572.57	571.62	(N/A)	(N/A)	571.62	0.01	0.02
MH-5907	572.58	570.7	(N/A)	(N/A)	570.7	0.49	0.08
MH-3608	572.59	571.64	(N/A)	(N/A)	571.47	0.02	0.01
MH-3999	572.59	571.64	(N/A)	(N/A)	571.64	0.34	0.06
MH-3300	572.62	571.67	(N/A)	(N/A)	571.67	0.2	0.04
MH-4800	572.62	570.91	(N/A)	(N/A)	570.91	0.36	0.06
MH-6057	572.62	571.18	(N/A)	(N/A)	571.18	0.29	0.05
MH-3735	572.64	570.55	571.44	(N/A)	570.3	5.03	0.25
MH-1853	572.64	571.44	571.6	(N/A)	571.44	0.05	0.03
MH-2432	572.67	571.11	(N/A)	(N/A)	571.11	3.82	0.15
MH-3102	572.68	571.73	(N/A)	(N/A)	571.73	0.83	0.09
MH-6118	572.68	571.04	571.29	(N/A)	571.04	5.09	0.25
MH-2705	572.69	571.42	(N/A)	(N/A)	571.42	0.07	0.04
MH-2992	572.7	571.75	(N/A)	(N/A)	571.55	0.23	0.05
MH-2352	572.73	571.72	(N/A)	(N/A)	571.72	0.59	0.08
MH-2532	572.74	571.79	571.2	(N/A)	571.2	2.38	0.19
MH-4659	572.76	571.5	(N/A)	(N/A)	571.5	3.31	0.14
MH-4872	572.78	571.83	(N/A)	(N/A)	571.83	0.3	0.05
MH-5630	572.78	(N/A)	(N/A)	(N/A)	571.83	0.03	0.03
MH-2884	572.78	571.83	(N/A)	(N/A)	571.83	0.57	0.07
MH-896	572.78	571.83	(N/A)	(N/A)	571.83	0.07	0.03
MH-895	572.79	571.84	571.84	(N/A)	571.84	0.06	0.02
MH-2454	572.82	571.87	(N/A)	(N/A)	571.87	0.81	0.09
MH-2601	572.83	(N/A)	(N/A)	(N/A)	571.88	0.01	0.01
MH-3734	572.84	571.64	(N/A)	(N/A)	571.64	4.48	0.16
MH-1886	572.84	571.89	(N/A)	(N/A)	571.89	0.29	0.05
MH-1656	572.86	571.24	(N/A)	(N/A)	571.24	3.79	0.15
MH-3891	572.86	(N/A)	(N/A)	(N/A)	571.91	0.11	0.05
MH-296	572.86	571.91	571.91	(N/A)	571.91	0.05	0.02
MH-295	572.86	571.91	(N/A)	(N/A)	571.91	0.04	0.02
MH-485	572.86	570.77	(N/A)	(N/A)	570.77	0.05	0.04
MH-2620	572.89	(N/A)	(N/A)	(N/A)	571.94	0	0.01
MH-2895	572.9	571.95	(N/A)	(N/A)	571.95	0.54	0.07
MH-3986	572.9	571.11	(N/A)	(N/A)	571.11	1.97	0.15
MH-3382	572.9	571.95	(N/A)	(N/A)	571.76	0.77	0.09
MH-2453	572.9	571.95	(N/A)	(N/A)	571.95	0.78	0.09
MH-3030	572.92	(N/A)	(N/A)	(N/A)	571.79	0.01	0.01
MH-1595	572.93	571.98	(N/A)	(N/A)	571.98	0.04	0.02
MH-6534	572.96	(N/A)	(N/A)	(N/A)	571.34	0.22	0.05
MH-3150	572.96	572.01	(N/A)	(N/A)	572.01	0.03	0.02
MH-1655	572.98	571.25	(N/A)	(N/A)	571.25	3.78	0.18
MH-580	572.98	571.07	570.74	572.03	570.71	0.96	0.09
MH-3149	572.98	(N/A)	(N/A)	(N/A)	572.03	0.02	0.02
MH-2531	572.99	572.04	(N/A)	(N/A)	571.92	0.85	0.09
MH-3607	572.99	572.04	(N/A)	(N/A)	571.86	0.02	0.01
MH-2706	573.01	572.06	571.4	(N/A)	571.4	0.16	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2638	573.02	571.89	(N/A)	(N/A)	571.89	0.17	0.04
MH-2335	573.02	572.07	(N/A)	(N/A)	572.07	0.08	0.03
MH-1823	573.03	572.08	(N/A)	(N/A)	572.08	0.5	0.07
MH-4511	573.03	572.08	(N/A)	(N/A)	572.03	0.21	0.04
MH-2207	573.03	572.08	(N/A)	(N/A)	572.08	0.07	0.04
MH-3452	573.05	572.1	(N/A)	(N/A)	572.1	0.75	0.09
MH-4531	573.09	571.89	(N/A)	(N/A)	571.89	4.43	0.16
MH-2142	573.1	572.15	572.07	(N/A)	572.07	0.09	0.05
MH-1574	573.11	572.16	(N/A)	(N/A)	572.02	0.26	0.05
MH-3842	573.13	571.23	(N/A)	(N/A)	571.23	1.51	0.17
MH-1489	573.14	572.17	572.19	(N/A)	572.17	0.27	0.05
MH-1827	573.14	571.26	(N/A)	(N/A)	571.26	3.76	0.19
MH-1822	573.14	572.17	(N/A)	(N/A)	572.17	0.48	0.07
MH-6442	573.14	572.19	(N/A)	(N/A)	572.17	0.62	0.09
MH-4038	573.14	571.59	(N/A)	(N/A)	571.59	3.25	0.15
MH-3039	573.16	571.14	(N/A)	(N/A)	571.14	1.92	0.16
MH-1488	573.16	572.21	(N/A)	(N/A)	572.21	0.24	0.05
MH-1410	573.16	572.21	572.06	(N/A)	572.06	0.11	0.05
MH-1573	573.18	572.23	(N/A)	(N/A)	572.23	0.25	0.05
MH-1411	573.2	572.05	(N/A)	(N/A)	572.05	0.11	0.05
MH-5582	573.23	571.29	(N/A)	(N/A)	571.29	0.87	0.1
MH-3454	573.25	(N/A)	(N/A)	(N/A)	572.3	0.7	0.08
MH-1302	573.27	571.76	572.32	(N/A)	571.76	0.51	0.08
MH-3781	573.27	(N/A)	(N/A)	(N/A)	572.32	0.01	0.01
MH-2608	573.28	572.33	(N/A)	(N/A)	572.33	0.46	0.07
MH-1420	573.29	572.34	572.04	(N/A)	572.04	0.13	0.03
MH-3381	573.3	572.35	(N/A)	(N/A)	572.14	0.76	0.09
MH-1368	573.3	572.35	572.2	(N/A)	572.2	0.08	0.03
MH-481	573.31	572.36	571.21	572.36	571.16	1.9	0.16
MH-482	573.31	(N/A)	(N/A)	(N/A)	572.36	0	0.01
MH-1421	573.33	571.97	(N/A)	(N/A)	571.97	0.13	0.04
MH-5083	573.33	(N/A)	(N/A)	(N/A)	572.38	0.18	0.04
MH-1303	573.38	572.43	(N/A)	(N/A)	572.43	0.34	0.06
MH-3459	573.39	572.44	(N/A)	(N/A)	572.28	0.02	0.01
MH-1250	573.39	571.27	(N/A)	(N/A)	571.27	3.74	0.2
MH-4233	573.39	572	(N/A)	(N/A)	572	4.37	0.16
MH-1351	573.41	572.46	(N/A)	(N/A)	572.46	0.05	0.02
MH-1915	573.44	572.49	(N/A)	(N/A)	572.47	0.44	0.06
MH-1352	573.45	572.42	(N/A)	(N/A)	572.42	0.07	0.02
MH-4037	573.46	571.61	(N/A)	(N/A)	571.61	3.18	0.18
MH-3341	573.46	(N/A)	(N/A)	(N/A)	572.38	0.01	0.01
MH-3491	573.47	572.52	(N/A)	(N/A)	572.52	1	0.1
MH-3166	573.49	(N/A)	(N/A)	(N/A)	572.54	0.11	0.05
MH-1249	573.49	571.28	(N/A)	(N/A)	571.28	3.71	0.2
MH-12	573.5	571.66	(N/A)	(N/A)	571.66	0.51	0.08
MH-1746	573.53	572.58	(N/A)	(N/A)	572.58	0.01	0.01
MH-3167	573.53	572.52	(N/A)	(N/A)	572.52	0.14	0.04
MH-3060	573.53	572.58	(N/A)	(N/A)	572.38	0.22	0.05
MH-3841	573.54	571.26	(N/A)	(N/A)	571.26	1.49	0.15
MH-2005	573.54	572.1	571.53	(N/A)	571.28	4.8	0.17
MH-4089	573.55	571.75	(N/A)	(N/A)	571.75	0.14	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3269	573.55	572.6	(N/A)	(N/A)	572.39	0.01	0.01
MH-1772	573.55	572.6	572.6	(N/A)	572.59	0.42	0.06
MH-3379	573.56	(N/A)	(N/A)	(N/A)	572.61	0.01	0.01
MH-1846	573.56	572.61	(N/A)	(N/A)	572.61	0.33	0.06
MH-2111	573.56	572.47	(N/A)	(N/A)	572.47	0.01	0.01
MH-3139	573.59	572.64	(N/A)	(N/A)	572.43	0.01	0.01
MH-3356	573.6	572.36	(N/A)	(N/A)	572.36	0.17	0.04
MH-1625	573.6	572.55	(N/A)	(N/A)	572.55	0.05	0.02
MH-5627	573.6	572.65	(N/A)	(N/A)	572.41	0.16	0.04
MH-6355	573.61	571.48	(N/A)	(N/A)	571.44	0.8	0.09
MH-4822	573.62	(N/A)	(N/A)	(N/A)	572.34	0.01	0.01
MH-4338	573.64	572.14	(N/A)	(N/A)	572.14	0.23	0.05
MH-4232	573.64	572.02	(N/A)	(N/A)	572.02	4.31	0.21
MH-5526	573.64	571.8	(N/A)	(N/A)	571.8	0.09	0.04
MH-1771	573.66	572.71	(N/A)	(N/A)	572.69	0.19	0.04
MH-3477	573.66	(N/A)	(N/A)	(N/A)	572.71	0.01	0.02
MH-3283	573.67	572.22	(N/A)	(N/A)	572.22	0.2	0.04
MH-563	573.67	571.21	572.72	(N/A)	571.11	57.4	0.61
MH-1745	573.71	(N/A)	(N/A)	(N/A)	572.67	0	0.01
MH-3194	573.72	572.77	(N/A)	(N/A)	572.42	0.84	0.09
MH-3620	573.72	(N/A)	(N/A)	(N/A)	572.65	0.01	0.01
MH-3563	573.74	572.79	(N/A)	(N/A)	572.55	0.75	0.09
MH-4287	573.75	572.8	(N/A)	(N/A)	572.49	0.22	0.05
MH-2004	573.76	572.11	572.36	(N/A)	572.11	4.65	0.2
MH-2969	573.79	572.1	(N/A)	(N/A)	572.1	0.22	0.05
MH-4364	573.81	571.64	(N/A)	(N/A)	571.64	3.12	0.19
MH-4786	573.82	572.87	(N/A)	(N/A)	572.82	0.14	0.04
MH-13	573.83	571.54	572.81	(N/A)	571.29	3.66	0.2
MH-3104	573.83	(N/A)	(N/A)	(N/A)	572.88	0.01	0.02
MH-1882	573.87	572.92	(N/A)	(N/A)	572.81	0.16	0.04
MH-3268	573.87	(N/A)	(N/A)	(N/A)	572.78	0	0.01
MH-4339	573.87	571.99	(N/A)	(N/A)	571.99	0.28	0.05
MH-2993	573.87	572.51	(N/A)	(N/A)	572.51	0.14	0.04
MH-2937	573.89	572.94	(N/A)	(N/A)	572.77	0.23	0.05
MH-5144	573.9	571.97	572.09	(N/A)	571.24	56.41	0.59
MH-2561	573.93	572	(N/A)	(N/A)	572	0.23	0.05
MH-3347	573.93	(N/A)	(N/A)	(N/A)	572.98	0.01	0.01
MH-3138	573.93	(N/A)	(N/A)	(N/A)	572.82	0	0.01
MH-5622	573.94	572.99	(N/A)	(N/A)	572.99	0.95	0.1
MH-4815	573.94	572.05	(N/A)	(N/A)	572.05	4.24	0.22
MH-4079	573.95	573	(N/A)	(N/A)	572.88	0.3	0.05
MH-2954	574.02	571.3	(N/A)	(N/A)	571.3	1.46	0.14
MH-3544	574.03	(N/A)	(N/A)	(N/A)	573.08	0.03	0.03
MH-3461	574.05	571.62	(N/A)	(N/A)	571.62	0.66	0.09
MH-3348	574.06	572.96	(N/A)	(N/A)	572.96	0.01	0.01
MH-4083	574.07	572.92	(N/A)	(N/A)	572.83	0.2	0.04
MH-1293	574.07	573.12	(N/A)	(N/A)	573.02	0.13	0.03
MH-5265	574.07	(N/A)	(N/A)	(N/A)	573.12	0.06	0.04
MH-2818	574.07	573.05	(N/A)	(N/A)	572.95	3.15	0.16
MH-2180	574.08	572.83	572.69	(N/A)	572.69	0.12	0.03
MH-3460	574.09	571.67	(N/A)	(N/A)	571.67	0.58	0.08

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3246	574.14	571.78	(N/A)	(N/A)	571.76	0.54	0.08
MH-2562	574.16	573.21	571.92	572.6	571.67	3.09	0.19
MH-2377	574.16	572.86	572.86	(N/A)	572.86	0.02	0.03
MH-3245	574.16	571.83	573.21	(N/A)	571.83	0.51	0.08
MH-4632	574.17	(N/A)	(N/A)	(N/A)	573.22	0.02	0.02
MH-3193	574.2	573.25	(N/A)	(N/A)	572.95	0.74	0.09
MH-1197	574.2	573.25	(N/A)	(N/A)	573.1	0.22	0.05
MH-1292	574.2	573.25	(N/A)	(N/A)	573.18	0.13	0.03
MH-2179	574.21	573.2	572.85	(N/A)	572.85	0.11	0.05
MH-4186	574.22	573.27	(N/A)	(N/A)	573.27	0.02	0.02
MH-5621	574.24	573.29	(N/A)	(N/A)	573.29	0.86	0.09
MH-2829	574.25	571.37	(N/A)	(N/A)	571.32	1.42	0.13
MH-4879	574.26	572.08	(N/A)	(N/A)	572.08	4.18	0.22
MH-3059	574.28	573.33	(N/A)	(N/A)	573.05	0.17	0.04
MH-1408	574.3	573.08	(N/A)	(N/A)	573.08	0.08	0.04
MH-1196	574.31	573.36	(N/A)	(N/A)	573.3	0.2	0.04
MH-1532	574.33	573.38	(N/A)	(N/A)	573.38	0.11	0.05
MH-1531	574.34	(N/A)	(N/A)	(N/A)	573.39	0.06	0.04
MH-1409	574.35	573.08	(N/A)	(N/A)	573.08	0.09	0.04
MH-3855	574.37	573.24	573.42	(N/A)	573.24	0.05	0.03
MH-2817	574.38	573.37	(N/A)	(N/A)	573.21	3.08	0.16
MH-1770	574.41	573.46	(N/A)	(N/A)	573.35	0.12	0.03
MH-4787	574.43	573.48	(N/A)	(N/A)	573.17	0.11	0.03
MH-1290	574.44	573.49	(N/A)	(N/A)	573.42	0.2	0.04
MH-3716	574.47	573.52	(N/A)	(N/A)	573.13	0.71	0.08
MH-4818	574.48	573.53	(N/A)	(N/A)	573.53	0.2	0.04
MH-1902	574.48	573.07	(N/A)	(N/A)	573.07	0.11	0.05
MH-4403	574.49	571.77	(N/A)	(N/A)	571.77	0.12	0.03
MH-3856	574.51	573.22	(N/A)	(N/A)	573.22	0.07	0.04
MH-2828	574.51	571.4	(N/A)	(N/A)	571.4	1.39	0.14
MH-3545	574.51	573.06	(N/A)	(N/A)	573.06	0.05	0.03
MH-3163	574.53	573.36	(N/A)	(N/A)	573.36	0.13	0.04
MH-6011	574.57	573.62	(N/A)	(N/A)	573.26	0.94	0.1
MH-1387	574.58	573.63	(N/A)	(N/A)	573.5	0.13	0.03
MH-4900	574.59	572.12	(N/A)	(N/A)	572.12	4.13	0.23
MH-1451	574.6	573.65	(N/A)	(N/A)	573.57	0.18	0.04
MH-2658	574.66	573.71	573.71	(N/A)	573.71	0.72	0.08
MH-2599	574.66	573.71	(N/A)	(N/A)	573.47	0.88	0.09
MH-2783	574.68	(N/A)	(N/A)	(N/A)	573.73	0.04	0.03
MH-2651	574.7	573.05	(N/A)	(N/A)	573.05	0.13	0.03
MH-1386	574.7	573.75	(N/A)	(N/A)	573.69	0.09	0.03
MH-2901	574.71	573.69	(N/A)	(N/A)	573.53	3.03	0.16
MH-2484	574.71	573.76	(N/A)	(N/A)	573.6	0.11	0.03
MH-4398	574.73	(N/A)	(N/A)	(N/A)	573.54	0.01	0.01
MH-4819	574.74	573.79	(N/A)	(N/A)	573.79	0.15	0.04
MH-2072	574.76	573.81	(N/A)	(N/A)	572.83	0.68	0.08
MH-1663	574.77	570.96	573.69	(N/A)	570.96	59.63	0.47
MH-2657	574.79	573.84	(N/A)	(N/A)	573.84	0.34	0.06
MH-3273	574.79	573.19	(N/A)	(N/A)	573.19	0.04	0.03
MH-2784	574.81	573.72	(N/A)	(N/A)	573.72	0.06	0.03
MH-578	574.81	573.86	573.17	(N/A)	573.17	0.17	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2077	574.81	573.14	(N/A)	(N/A)	573.14	0.15	0.04
MH-5004	574.85	(N/A)	(N/A)	(N/A)	573.75	0.02	0.01
MH-4073	574.85	573.84	(N/A)	(N/A)	573.84	0.3	0.05
MH-4639	574.85	573.01	573.9	(N/A)	573.01	0.34	0.06
MH-1662	574.88	573.8	(N/A)	(N/A)	573.78	2.07	0.12
MH-3679	574.88	(N/A)	(N/A)	(N/A)	573.93	0.03	0.03
MH-3307	574.89	572.15	(N/A)	(N/A)	572.15	4.08	0.22
MH-1647	574.9	573.95	(N/A)	(N/A)	573.79	0.17	0.04
MH-1052	574.91	573.96	571.43	(N/A)	571.43	1.36	0.14
MH-5548	574.93	573.98	(N/A)	(N/A)	573.98	0.51	0.08
MH-2078	574.94	573.05	(N/A)	(N/A)	573.05	0.16	0.04
MH-1985	574.94	573.99	(N/A)	(N/A)	573.74	0.66	0.08
MH-2598	574.96	574.01	(N/A)	(N/A)	573.85	0.85	0.09
MH-1051	574.96	574.01	571.51	(N/A)	571.44	0.95	0.14
MH-1219	574.96	574.01	(N/A)	(N/A)	574.01	0.11	0.03
MH-2012	574.99	574.04	(N/A)	(N/A)	573.92	0.07	0.03
MH-2071	574.99	574.04	(N/A)	(N/A)	573.92	0.63	0.08
MH-3619	575.02	573.7	(N/A)	(N/A)	573.7	0.08	0.04
MH-4930	575.02	574.07	(N/A)	(N/A)	573.57	0.7	0.08
MH-1966	575.02	574.07	(N/A)	(N/A)	573.9	0.09	0.03
MH-4198	575.02	574.07	(N/A)	(N/A)	574.07	0.32	0.05
MH-3023	575.04	574.03	(N/A)	(N/A)	573.86	2.97	0.16
MH-47	575.04	573.04	574.09	(N/A)	573.04	0.08	0.04
MH-2343	575.04	574.09	(N/A)	(N/A)	573.81	0.07	0.03
MH-1218	575.07	574.12	(N/A)	(N/A)	574.07	0.09	0.03
MH-2440	575.07	572.17	(N/A)	(N/A)	572.17	4.04	0.22
MH-1360	575.09	574.14	(N/A)	(N/A)	574.04	0.15	0.04
MH-3539	575.09	574.14	(N/A)	(N/A)	573.43	0.2	0.04
MH-5005	575.1	(N/A)	(N/A)	(N/A)	574.15	0.08	0.03
MH-1191	575.12	574.17	(N/A)	(N/A)	574.15	0.03	0.02
MH-397	575.12	574.17	572.83	(N/A)	572.83	0.49	0.08
MH-398	575.13	572.82	(N/A)	(N/A)	572.82	0.5	0.08
MH-4967	575.14	574.07	(N/A)	(N/A)	574.07	0.22	0.05
MH-1522	575.14	573.94	572.72	(N/A)	572.49	4.5	0.16
MH-1557	575.15	574.2	(N/A)	(N/A)	574.14	0.05	0.02
MH-2420	575.16	573.91	(N/A)	(N/A)	573.91	0.04	0.03
MH-1363	575.17	573.97	(N/A)	(N/A)	573.97	3.85	0.15
MH-1895	575.18	572.91	(N/A)	(N/A)	572.91	0.17	0.04
MH-1461	575.18	574.23	(N/A)	(N/A)	574.1	0.63	0.08
MH-3275	575.18	574.2	(N/A)	(N/A)	574.2	0.26	0.05
MH-1066	575.21	572.18	(N/A)	(N/A)	572.18	4.01	0.22
MH-1362	575.22	574.02	(N/A)	(N/A)	574.02	3.84	0.15
MH-1091	575.23	574.28	572.78	(N/A)	572.76	0.56	0.08
MH-1109	575.23	574.28	572.74	(N/A)	572.74	0.64	0.09
MH-1359	575.23	574.28	(N/A)	(N/A)	574.2	0.14	0.04
MH-4558	575.25	573.46	572.79	(N/A)	572.66	1.96	0.16
MH-1922	575.25	574.3	(N/A)	(N/A)	574.18	0.08	0.03
MH-1065	575.25	572.41	573.42	(N/A)	572.18	4	0.22
MH-1092	575.25	572.75	(N/A)	(N/A)	572.75	0.56	0.08
MH-1556	575.26	574.31	(N/A)	(N/A)	574.28	0.03	0.02
MH-2196	575.26	574.31	(N/A)	(N/A)	574.2	0.61	0.08

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2802	575.26	574.31	(N/A)	(N/A)	574.31	0.23	0.05
MH-977	575.27	(N/A)	(N/A)	(N/A)	574.32	0.01	0.05
MH-3448	575.28	574.33	(N/A)	(N/A)	574.21	0.82	0.09
MH-248	575.28	574.32	(N/A)	(N/A)	574.32	0.1	0.04
MH-247	575.28	574.33	574.33	(N/A)	574.33	0.1	0.04
MH-3780	575.29	574.34	(N/A)	(N/A)	574.18	0.41	0.06
MH-1858	575.3	574.1	574.32	(N/A)	574.07	3.84	0.15
MH-2855	575.3	574.22	(N/A)	(N/A)	574.12	2.02	0.12
MH-2344	575.3	(N/A)	(N/A)	(N/A)	574.35	0.04	0.02
MH-2206	575.31	572.62	(N/A)	(N/A)	572.62	0.51	0.08
MH-3540	575.31	574.36	(N/A)	(N/A)	574.34	0.09	0.03
MH-978	575.32	574.37	574.32	574.37	574.3	0.6	0.08
MH-3503	575.32	572.55	(N/A)	(N/A)	572.53	0.54	0.08
MH-1048	575.32	574.37	(N/A)	(N/A)	574.37	0.01	0.01
MH-1896	575.32	572.84	(N/A)	(N/A)	572.84	0.18	0.04
MH-4966	575.33	574.38	(N/A)	(N/A)	574.38	0.12	0.03
MH-2268	575.34	574.39	(N/A)	(N/A)	574.39	0.08	0.03
MH-2461	575.35	574.4	(N/A)	(N/A)	574.4	0.09	0.04
MH-1604	575.35	573.9	(N/A)	(N/A)	573.9	0.04	0.03
MH-1987	575.36	573.43	(N/A)	(N/A)	573.43	3.44	0.18
MH-2801	575.36	574.41	(N/A)	(N/A)	574.41	0.21	0.04
MH-1786	575.36	(N/A)	(N/A)	(N/A)	574.4	0.02	0.01
MH-6473	575.36	574.41	(N/A)	(N/A)	573.12	0.53	0.07
MH-2076	575.37	574.42	(N/A)	(N/A)	574.42	0.01	0.01
MH-3504	575.37	572.48	(N/A)	(N/A)	572.48	0.56	0.08
MH-6080	575.38	574.43	(N/A)	(N/A)	574.22	0.82	0.09
MH-2392	575.4	(N/A)	(N/A)	(N/A)	574.45	0.01	0.01
MH-718	575.41	574.3	574.46	574.46	574.3	0.08	0.03
MH-1131	575.42	572.66	574.47	(N/A)	572.66	0.5	0.08
MH-1130	575.43	573.89	572.67	(N/A)	572.67	0.38	0.07
MH-2051	575.44	574.48	(N/A)	(N/A)	574.48	0.06	0.03
MH-1497	575.45	574.5	(N/A)	(N/A)	574.5	0.06	0.03
MH-1438	575.45	574.5	(N/A)	(N/A)	574.44	0.49	0.07
MH-2195	575.47	574.52	(N/A)	(N/A)	574.43	0.59	0.08
MH-1921	575.47	574.52	(N/A)	(N/A)	574.4	0.08	0.03
MH-1916	575.48	574.02	572.75	(N/A)	572.75	0.34	0.06
MH-1215	575.49	572.7	(N/A)	(N/A)	572.7	0.34	0.06
MH-4003	575.49	574.47	(N/A)	(N/A)	574.26	2.85	0.15
MH-2114	575.49	574.54	(N/A)	(N/A)	574.4	0.14	0.04
MH-1334	575.5	574.55	(N/A)	(N/A)	574.54	0.11	0.03
MH-1997	575.52	573.67	(N/A)	(N/A)	573.67	0.09	0.05
MH-2460	575.53	574.58	(N/A)	(N/A)	574.53	0.07	0.03
MH-4953	575.53	574.58	(N/A)	(N/A)	574.58	0.05	0.02
MH-2296	575.54	574.47	(N/A)	(N/A)	574.38	1.95	0.12
MH-1705	575.55	574.1	(N/A)	(N/A)	574.1	0.15	0.04
MH-1797	575.55	574.35	(N/A)	(N/A)	574.25	3.72	0.15
MH-1704	575.55	574.18	(N/A)	(N/A)	574.18	0.15	0.04
MH-3486	575.58	574.63	(N/A)	(N/A)	574.61	0.05	0.02
MH-2075	575.59	(N/A)	(N/A)	(N/A)	574.53	0	0.01
MH-2881	575.59	573.46	(N/A)	(N/A)	573.46	3.41	0.19
MH-1496	575.6	574.65	(N/A)	(N/A)	574.57	0.04	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3049	575.6	574.65	(N/A)	(N/A)	574.56	0.07	0.03
MH-1568	575.61	574.28	(N/A)	(N/A)	574.28	0.14	0.04
MH-1567	575.63	574.36	(N/A)	(N/A)	574.36	0.12	0.03
MH-4495	575.63	574.68	(N/A)	(N/A)	574.68	0.17	0.04
MH-5188	575.64	574.69	(N/A)	(N/A)	574.37	0.8	0.09
MH-1897	575.64	574.69	(N/A)	(N/A)	574.6	0.47	0.07
MH-3185	575.67	574.38	(N/A)	(N/A)	574.38	0.11	0.05
MH-3858	575.68	(N/A)	(N/A)	(N/A)	574.39	0.02	0.01
MH-672	575.7	574.75	574.75	(N/A)	574.3	0.25	0.05
MH-2600	575.7	(N/A)	(N/A)	(N/A)	574.6	0	0.01
MH-671	575.7	574.75	(N/A)	(N/A)	574.75	0.2	0.04
MH-1563	575.71	574.76	(N/A)	(N/A)	574.72	0.11	0.03
MH-1108	575.71	574.51	(N/A)	(N/A)	574.44	3.72	0.15
MH-551	575.71	574.76	574.76	(N/A)	574.56	0.08	0.03
MH-3368	575.72	574.77	(N/A)	(N/A)	574.77	0.06	0.02
MH-1954	575.73	573.66	(N/A)	(N/A)	573.66	0.1	0.05
MH-2113	575.76	574.81	573.47	(N/A)	573.47	3.38	0.19
MH-2322	575.77	574.82	(N/A)	(N/A)	574.82	0.02	0.02
MH-4259	575.77	574.82	(N/A)	(N/A)	574.61	0.8	0.09
MH-1107	575.78	574.58	(N/A)	(N/A)	574.56	3.72	0.15
MH-2069	575.8	574.85	(N/A)	(N/A)	574.85	0.03	0.02
MH-3334	575.8	(N/A)	(N/A)	(N/A)	574.83	0.02	0.01
MH-1632	575.8	574.85	(N/A)	(N/A)	574.76	0.06	0.02
MH-1859	575.8	574.85	(N/A)	(N/A)	574.75	0.03	0.02
MH-3022	575.8	574.85	(N/A)	(N/A)	574.85	0.02	0.02
MH-5689	575.81	574.61	573.99	573.86	572.57	55.66	0.47
MH-2068	575.81	(N/A)	(N/A)	(N/A)	574.86	0.02	0.02
MH-4952	575.81	(N/A)	(N/A)	(N/A)	574.86	0.02	0.01
MH-1564	575.81	574.86	(N/A)	(N/A)	574.84	0.1	0.03
MH-2082	575.81	574.74	(N/A)	(N/A)	574.59	1.82	0.11
MH-2870	575.82	574.87	(N/A)	(N/A)	574.69	0.57	0.07
MH-2875	575.82	574.69	(N/A)	(N/A)	574.69	0.07	0.03
MH-2446	575.83	574.88	(N/A)	(N/A)	574.88	0.01	0.01
MH-4494	575.86	574.91	(N/A)	(N/A)	574.91	0.11	0.03
MH-4716	575.88	574.93	(N/A)	(N/A)	574.68	0.38	0.06
MH-669	575.89	574.88	574.94	(N/A)	574.88	0.05	0.02
MH-1955	575.91	573.65	(N/A)	(N/A)	573.65	0.11	0.05
MH-6061	575.92	574.97	(N/A)	(N/A)	574.73	0.13	0.03
MH-1631	575.93	574.98	(N/A)	(N/A)	574.93	0.05	0.02
MH-5547	575.94	574.99	(N/A)	(N/A)	574.39	0.42	0.06
MH-2594	575.95	575	(N/A)	(N/A)	574.83	0.46	0.07
MH-1414	575.96	574.94	(N/A)	(N/A)	574.71	2.78	0.15
MH-2252	575.97	575.02	(N/A)	(N/A)	574.98	0.08	0.03
MH-3900	575.98	575.03	(N/A)	(N/A)	574.43	0.6	0.08
MH-2347	575.98	575.03	(N/A)	(N/A)	574.76	0.12	0.03
MH-6002	575.99	575.04	(N/A)	(N/A)	574.81	0.06	0.02
MH-1766	575.99	575.04	573.49	(N/A)	573.49	3.33	0.2
MH-3015	576	575.05	(N/A)	(N/A)	575.05	0.01	0.01
MH-971	576.01	575.06	(N/A)	(N/A)	575.06	0.03	0.02
MH-1521	576.01	575.06	(N/A)	(N/A)	574.95	0.03	0.02
MH-4524	576.02	575.07	(N/A)	(N/A)	574.93	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3922	576.03	(N/A)	(N/A)	(N/A)	575.08	0.02	0.02
MH-1501	576.04	575.09	(N/A)	(N/A)	575.09	0.05	0.03
MH-1762	576.04	575.07	(N/A)	(N/A)	575.07	0.07	0.04
MH-1761	576.04	575.08	(N/A)	(N/A)	575.08	0.06	0.04
MH-2301	576.05	575.1	(N/A)	(N/A)	575.1	0.11	0.03
MH-2662	576.06	575.05	(N/A)	(N/A)	575.05	0.08	0.05
MH-1348	576.06	(N/A)	(N/A)	(N/A)	575.11	0	0.02
MH-1059	576.06	575.11	575.1	(N/A)	575.1	0.04	0.03
MH-2062	576.06	575.04	(N/A)	(N/A)	575.04	0.09	0.06
MH-2081	576.06	574.99	(N/A)	(N/A)	574.85	1.8	0.11
MH-1058	576.07	575.1	(N/A)	(N/A)	575.1	0.01	0.03
MH-1796	576.07	575.12	(N/A)	(N/A)	575.12	0.09	0.04
MH-2063	576.08	575.03	575.13	(N/A)	575.03	0.56	0.07
MH-1478	576.08	575.13	(N/A)	(N/A)	575.13	0.02	0.01
MH-1789	576.09	575.14	(N/A)	(N/A)	575.07	0.04	0.02
MH-1413	576.1	575.08	(N/A)	(N/A)	575.01	2.71	0.15
MH-1795	576.1	(N/A)	(N/A)	(N/A)	575.15	0.07	0.03
MH-1685	576.1	575.15	(N/A)	(N/A)	575.02	0.01	0.01
MH-4853	576.11	(N/A)	(N/A)	(N/A)	575.16	0	0.01
MH-5279	576.12	(N/A)	(N/A)	(N/A)	575.11	0.03	0.02
MH-1477	576.12	(N/A)	(N/A)	(N/A)	575.17	0.02	0.01
MH-3655	576.13	574.93	(N/A)	(N/A)	574.79	3.71	0.15
MH-4860	576.15	575.05	(N/A)	(N/A)	575.05	0.05	0.03
MH-430	576.16	575.21	(N/A)	(N/A)	575.21	0.01	0.01
MH-429	576.16	575.21	575.21	(N/A)	575.07	0.04	0.02
MH-3592	576.16	575.21	(N/A)	(N/A)	575.21	0.05	0.02
MH-1520	576.17	575.22	(N/A)	(N/A)	575.13	0.02	0.01
MH-3098	576.18	575.23	(N/A)	(N/A)	574.99	0.04	0.02
MH-1007	576.19	575.24	(N/A)	(N/A)	574.97	0.77	0.09
MH-2819	576.2	575.25	575.25	573.63	573.51	1.78	0.15
MH-817	576.21	575.26	(N/A)	(N/A)	575.09	0.73	0.08
MH-1006	576.22	575.27	(N/A)	(N/A)	575.27	0.75	0.11
MH-816	576.22	575.27	575.27	(N/A)	575.27	0.69	0.08
MH-3398	576.26	575.31	(N/A)	(N/A)	575.31	0.03	0.02
MH-1309	576.26	(N/A)	(N/A)	(N/A)	575.27	0.01	0.01
MH-1684	576.28	(N/A)	(N/A)	(N/A)	575.24	0	0.01
MH-5880	576.29	575	(N/A)	(N/A)	575	0.12	0.03
MH-2534	576.29	575.34	(N/A)	(N/A)	575.21	0.44	0.07
MH-4493	576.3	575.35	575.35	(N/A)	575.04	0.19	0.04
MH-1885	576.31	575.36	(N/A)	(N/A)	575.21	0.07	0.02
MH-2586	576.33	(N/A)	(N/A)	(N/A)	575.29	0.02	0.01
MH-1261	576.36	575.41	(N/A)	(N/A)	575.31	0.02	0.01
MH-476	576.38	575.43	(N/A)	(N/A)	575.43	0.02	0.01
MH-475	576.38	575.43	575.43	(N/A)	575.43	0.01	0.01
MH-1141	576.4	575.45	575.44	(N/A)	575.44	0.46	0.07
MH-1603	576.4	(N/A)	(N/A)	(N/A)	575.45	0.01	0.01
MH-3591	576.41	(N/A)	(N/A)	(N/A)	575.41	0.01	0.01
MH-1538	576.42	575.47	573.52	(N/A)	573.52	3.27	0.2
MH-3270	576.42	(N/A)	(N/A)	(N/A)	575.47	0.07	0.04
MH-1683	576.43	575.47	(N/A)	(N/A)	575.47	0.03	0.04
MH-1788	576.44	(N/A)	(N/A)	(N/A)	575.49	0.01	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1537	576.44	575.49	(N/A)	(N/A)	575.49	0.02	0.02
MH-1140	576.45	575.5	(N/A)	(N/A)	575.5	0.42	0.06
MH-1682	576.45	575.48	(N/A)	(N/A)	575.48	0.02	0.03
MH-1642	576.45	575.5	(N/A)	(N/A)	575.46	0.05	0.02
MH-2960	576.46	575.51	(N/A)	(N/A)	575.39	0.02	0.01
MH-1151	576.47	(N/A)	(N/A)	(N/A)	575.47	0.01	0.01
MH-4528	576.47	575.51	(N/A)	(N/A)	575.51	0.11	0.05
MH-1260	576.48	(N/A)	(N/A)	(N/A)	575.46	0.01	0.01
MH-5522	576.49	574.54	(N/A)	(N/A)	574.54	0.16	0.04
MH-4715	576.49	575.54	(N/A)	(N/A)	575.23	0.3	0.05
MH-2533	576.49	575.54	(N/A)	(N/A)	575.48	0.42	0.06
MH-1724	576.5	575.55	(N/A)	(N/A)	575.55	0.02	0.01
MH-1479	576.52	575.57	(N/A)	(N/A)	575.57	0.42	0.06
MH-2709	576.52	575.57	(N/A)	(N/A)	575.49	0.74	0.09
MH-3097	576.55	(N/A)	(N/A)	(N/A)	575.41	0.03	0.01
MH-4670	576.55	(N/A)	(N/A)	(N/A)	575.6	0.04	0.03
MH-1412	576.58	575.63	(N/A)	(N/A)	575.63	0.03	0.02
MH-2530	576.58	575.53	575.38	(N/A)	575.21	3.7	0.15
MH-1525	576.58	575.59	(N/A)	(N/A)	575.59	0.04	0.02
MH-4746	576.59	575.34	(N/A)	(N/A)	575.34	1.76	0.11
MH-2273	576.6	(N/A)	(N/A)	(N/A)	575.65	0.01	0.01
MH-3899	576.6	575.65	(N/A)	(N/A)	575.26	0.52	0.07
MH-2366	576.61	575.66	(N/A)	(N/A)	575.66	0.41	0.06
MH-1133	576.61	575.66	(N/A)	(N/A)	575.66	0.03	0.02
MH-5521	576.64	574.23	(N/A)	(N/A)	574.23	0.24	0.05
MH-1134	576.66	575.71	(N/A)	(N/A)	575.71	0.02	0.01
MH-2486	576.68	575.73	(N/A)	(N/A)	575.67	0.02	0.01
MH-4962	576.69	575.74	(N/A)	(N/A)	575.6	0.13	0.03
MH-1816	576.71	575.65	(N/A)	(N/A)	575.65	0.17	0.04
MH-4922	576.71	575.74	(N/A)	(N/A)	575.4	2.55	0.15
MH-1344	576.72	575.77	(N/A)	(N/A)	575.77	0.02	0.01
MH-2892	576.74	575.79	(N/A)	(N/A)	575.71	0.41	0.06
MH-2144	576.76	575.81	(N/A)	(N/A)	575.72	0.72	0.08
MH-1437	576.77	575.72	(N/A)	(N/A)	575.72	0.16	0.04
MH-4155	576.78	573.92	(N/A)	(N/A)	573.92	0.29	0.05
MH-5684	576.8	(N/A)	(N/A)	(N/A)	575.78	0.04	0.02
MH-2529	576.8	575.6	(N/A)	(N/A)	575.52	3.52	0.14
MH-2748	576.81	575.56	575.45	(N/A)	575.45	0.23	0.05
MH-2400	576.81	575.86	(N/A)	(N/A)	575.86	0.39	0.06
MH-880	576.82	574.75	575.8	573.8	573.55	3.22	0.2
MH-5669	576.82	575.87	(N/A)	(N/A)	575.59	0.04	0.02
MH-1436	576.83	575.78	(N/A)	(N/A)	575.78	0.15	0.04
MH-4842	576.86	575.91	(N/A)	(N/A)	575.56	1.47	0.12
MH-2485	576.86	(N/A)	(N/A)	(N/A)	575.87	0.01	0.01
MH-5641	576.86	575.91	(N/A)	(N/A)	575.51	0.1	0.03
MH-4806	576.89	575.94	(N/A)	(N/A)	574.99	0.72	0.08
MH-4299	576.89	575.94	(N/A)	(N/A)	575.62	0.13	0.03
MH-4504	576.91	575.96	(N/A)	(N/A)	575.6	0.18	0.04
MH-1838	576.92	575.87	(N/A)	(N/A)	575.87	0.15	0.04
MH-3983	576.92	575.55	(N/A)	(N/A)	575.55	0.08	0.04
MH-3797	576.93	574.78	(N/A)	(N/A)	574.78	1.94	0.16

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1047	576.94	575.99	(N/A)	(N/A)	575.99	0.03	0.03
MH-2143	576.95	576	(N/A)	(N/A)	575.93	0.7	0.08
MH-1621	576.96	576.01	575.96	(N/A)	575.96	0.37	0.06
MH-874	576.96	575.22	575.76	(N/A)	574.97	5.03	0.17
MH-1620	576.96	576.01	(N/A)	(N/A)	576.01	0.2	0.04
MH-1837	576.97	575.96	(N/A)	(N/A)	575.96	0.14	0.04
MH-1046	576.97	576.02	(N/A)	(N/A)	576.02	0.01	0.01
MH-5857	576.98	576.03	(N/A)	(N/A)	575.72	0.04	0.02
MH-2559	576.98	(N/A)	(N/A)	(N/A)	575.94	0.01	0.01
MH-873	576.98	575.78	(N/A)	(N/A)	575.77	4.62	0.16
MH-2520	577.05	576.1	(N/A)	(N/A)	576.1	0.12	0.03
MH-2868	577.05	575.85	(N/A)	(N/A)	575.78	3.51	0.14
MH-6226	577.05	(N/A)	(N/A)	(N/A)	576.1	0.14	0.04
MH-4529	577.05	575.48	(N/A)	(N/A)	575.48	0.14	0.04
MH-1253	577.06	576.11	(N/A)	(N/A)	576.08	0.01	0.01
MH-2624	577.07	575.58	(N/A)	(N/A)	575.58	1.71	0.11
MH-4796	577.1	576.15	(N/A)	(N/A)	575.85	0.25	0.05
MH-1323	577.1	576.15	(N/A)	(N/A)	576.12	0.2	0.04
MH-1079	577.12	575.96	(N/A)	(N/A)	575.96	0.03	0.06
MH-1080	577.13	575.95	576.18	(N/A)	575.95	0.39	0.06
MH-424	577.13	575.36	(N/A)	(N/A)	575.36	0.38	0.07
MH-423	577.13	575.36	576.18	(N/A)	575.36	0.38	0.07
MH-2694	577.13	576.18	(N/A)	(N/A)	576.18	0.11	0.03
MH-4499	577.16	576.21	(N/A)	(N/A)	576.12	0.07	0.02
MH-2413	577.18	576.23	(N/A)	(N/A)	576.16	0.69	0.08
MH-1042	577.21	576.26	(N/A)	(N/A)	576.2	0.1	0.03
MH-1407	577.21	576.26	(N/A)	(N/A)	576.26	0.09	0.03
MH-1322	577.22	576.27	576.27	(N/A)	576.22	0.19	0.04
MH-1406	577.24	576.29	(N/A)	(N/A)	576.29	0.08	0.03
MH-1041	577.25	576.3	576.3	(N/A)	576.29	0.09	0.03
MH-2999	577.26	576.24	(N/A)	(N/A)	576.07	0.98	0.09
MH-2059	577.27	576.07	(N/A)	(N/A)	576.01	3.49	0.14
MH-2560	577.27	574.81	(N/A)	(N/A)	574.81	1.92	0.16
MH-3596	577.27	576.32	(N/A)	(N/A)	576.21	0.15	0.04
MH-4078	577.27	576.32	(N/A)	(N/A)	575.91	0.47	0.07
MH-3982	577.27	575.57	(N/A)	(N/A)	575.57	0.05	0.03
MH-5592	577.29	576.34	(N/A)	(N/A)	575.73	0.54	0.07
MH-2379	577.34	(N/A)	(N/A)	(N/A)	576.24	0	0.01
MH-1701	577.37	576.37	(N/A)	(N/A)	576.37	0.08	0.03
MH-1495	577.38	576.43	(N/A)	(N/A)	576.28	0.34	0.06
MH-1820	577.4	576.45	(N/A)	(N/A)	576.45	0.07	0.02
MH-2623	577.4	575.6	(N/A)	(N/A)	575.6	1.62	0.14
MH-5269	577.4	(N/A)	(N/A)	(N/A)	576.45	0.02	0.02
MH-1475	577.42	576.47	576.22	(N/A)	576.18	3.49	0.14
MH-4503	577.43	576.48	(N/A)	(N/A)	576.24	0.13	0.03
MH-2151	577.46	576.48	(N/A)	(N/A)	576.08	2.35	0.15
MH-2458	577.47	576.52	(N/A)	(N/A)	576.41	0.08	0.03
MH-2412	577.48	576.53	(N/A)	(N/A)	576.37	0.69	0.08
MH-1474	577.49	576.54	(N/A)	(N/A)	576.54	0.19	0.04
MH-2463	577.49	576.54	(N/A)	(N/A)	576.54	0.06	0.02
MH-3338	577.51	576.56	(N/A)	(N/A)	576.49	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4498	577.53	(N/A)	(N/A)	(N/A)	576.49	0.01	0.01
MH-1033	577.53	576.58	(N/A)	(N/A)	576.52	0.11	0.03
MH-1905	577.56	576.61	(N/A)	(N/A)	576.61	0.04	0.03
MH-1494	577.56	576.61	(N/A)	(N/A)	576.51	0.34	0.06
MH-2313	577.57	576.6	(N/A)	(N/A)	576.6	0.05	0.02
MH-2237	577.58	576.38	(N/A)	(N/A)	576.34	3.29	0.14
MH-1032	577.6	576.65	(N/A)	(N/A)	576.61	0.11	0.03
MH-4935	577.61	(N/A)	(N/A)	(N/A)	576.66	0.07	0.04
MH-5668	577.61	(N/A)	(N/A)	(N/A)	576.31	0.02	0.01
MH-3588	577.63	574.84	(N/A)	(N/A)	574.84	1.89	0.16
MH-1904	577.64	(N/A)	(N/A)	(N/A)	576.69	0.02	0.01
MH-5723	577.66	(N/A)	(N/A)	(N/A)	576.71	0.09	0.04
MH-3357	577.68	576.73	(N/A)	(N/A)	576.73	0.18	0.04
MH-5856	577.69	(N/A)	(N/A)	(N/A)	576.5	0.02	0.01
MH-3232	577.7	576.75	(N/A)	(N/A)	576.58	0.13	0.03
MH-2998	577.71	576.69	(N/A)	(N/A)	576.41	0.96	0.09
MH-5519	577.71	576.76	(N/A)	(N/A)	576.34	0.07	0.03
MH-2150	577.71	576.74	(N/A)	(N/A)	576.6	2.24	0.14
MH-5385	577.73	576.78	(N/A)	(N/A)	576.3	1.44	0.12
MH-4805	577.73	576.78	(N/A)	(N/A)	576.25	0.64	0.08
MH-1580	577.74	576.38	(N/A)	(N/A)	576.38	0.09	0.04
MH-2457	577.75	576.8	(N/A)	(N/A)	576.65	0.07	0.03
MH-2979	577.77	576.82	576.82	(N/A)	576.48	0.21	0.04
MH-5518	577.8	(N/A)	(N/A)	(N/A)	576.85	0.04	0.03
MH-4614	577.82	576.87	(N/A)	(N/A)	576.77	0.07	0.03
MH-1579	577.87	576.39	(N/A)	(N/A)	576.39	0.08	0.04
MH-2229	577.88	576.93	(N/A)	(N/A)	576.77	0.1	0.03
MH-1996	577.88	576.91	(N/A)	(N/A)	576.91	0.16	0.04
MH-3812	577.89	(N/A)	(N/A)	(N/A)	576.94	0.02	0.02
MH-557	577.89	576.86	576.94	(N/A)	575.66	0.1	0.03
MH-2182	577.93	576.98	(N/A)	(N/A)	576.57	0.44	0.06
MH-3813	577.93	576.92	(N/A)	(N/A)	576.92	0.04	0.03
MH-2854	577.95	577	(N/A)	(N/A)	576.77	0.33	0.06
MH-2177	577.95	576.75	(N/A)	(N/A)	576.64	3.28	0.14
MH-2859	577.96	577.01	(N/A)	(N/A)	577.01	0.04	0.02
MH-1879	577.96	574.86	(N/A)	(N/A)	574.86	1.86	0.16
MH-4184	577.96	577.01	(N/A)	(N/A)	577.01	0.24	0.05
MH-4752	577.97	(N/A)	(N/A)	(N/A)	576.6	0.03	0.02
MH-1995	577.98	577	(N/A)	(N/A)	577	0.14	0.04
MH-4417	577.98	576.89	(N/A)	(N/A)	576.89	0.08	0.04
MH-5401	578	577.05	(N/A)	(N/A)	576.57	0.13	0.03
MH-5326	578	(N/A)	(N/A)	(N/A)	577.05	0.1	0.05
MH-5595	578.03	576.66	(N/A)	(N/A)	575.62	0.34	0.06
MH-1223	578.05	577.1	(N/A)	(N/A)	576.93	0.11	0.03
MH-2676	578.06	577.11	(N/A)	(N/A)	576.95	0.07	0.02
MH-2176	578.1	576.9	577.02	(N/A)	576.77	3.27	0.16
MH-2978	578.12	577.17	(N/A)	(N/A)	576.99	0.15	0.04
MH-1878	578.13	574.87	(N/A)	(N/A)	574.87	1.83	0.16
MH-1222	578.13	577.18	(N/A)	(N/A)	577.16	0.1	0.03
MH-1189	578.14	577.19	(N/A)	(N/A)	577.05	0.09	0.03
MH-3602	578.15	575.65	(N/A)	(N/A)	575.65	1.59	0.14

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2858	578.15	(N/A)	(N/A)	(N/A)	577.17	0.01	0.01
MH-3386	578.15	577.17	(N/A)	(N/A)	576.93	2.11	0.14
MH-3026	578.15	577.14	(N/A)	(N/A)	576.86	0.94	0.09
MH-4224	578.16	(N/A)	(N/A)	(N/A)	576.81	0.04	0.02
MH-2181	578.18	577.23	(N/A)	(N/A)	577.1	0.42	0.06
MH-4934	578.2	576.63	(N/A)	(N/A)	576.63	0.13	0.04
MH-3140	578.21	577.26	(N/A)	(N/A)	577.26	0.12	0.03
MH-2378	578.22	577.07	(N/A)	(N/A)	577.07	0.4	0.07
MH-4039	578.23	576.41	(N/A)	(N/A)	576.41	0.06	0.04
MH-4862	578.23	(N/A)	(N/A)	(N/A)	577.18	0.02	0.01
MH-3601	578.25	575.67	(N/A)	(N/A)	575.67	1.57	0.14
MH-1188	578.26	577.31	(N/A)	(N/A)	577.24	0.09	0.03
MH-3568	578.26	576.47	576.94	(N/A)	574.46	50.06	0.44
MH-1121	578.27	577.32	(N/A)	(N/A)	577.32	0.05	0.03
MH-1122	578.27	577.31	(N/A)	(N/A)	577.31	0.06	0.04
MH-6151	578.29	(N/A)	(N/A)	(N/A)	577.34	0.05	0.02
MH-2264	578.3	577.35	(N/A)	(N/A)	577.35	0.04	0.02
MH-948	578.3	576.56	577.35	(N/A)	575.53	0.41	0.06
MH-2219	578.33	575.01	576.19	(N/A)	574.89	1.82	0.16
MH-1931	578.33	577.38	(N/A)	(N/A)	577.38	0.03	0.02
MH-1601	578.34	577.39	(N/A)	(N/A)	577.39	0.02	0.02
MH-4951	578.34	577.39	577.39	(N/A)	576.76	0.49	0.07
MH-947	578.35	577.4	(N/A)	(N/A)	577.37	0.23	0.05
MH-3037	578.35	577.27	(N/A)	(N/A)	577.27	0.1	0.04
MH-1600	578.36	(N/A)	(N/A)	(N/A)	577.41	0.02	0.02
MH-2438	578.36	577.41	(N/A)	(N/A)	577.31	0.09	0.03
MH-1144	578.37	577.42	(N/A)	(N/A)	577.27	0.06	0.02
MH-3567	578.38	577.01	577.43	(N/A)	576.99	0.64	0.09
MH-3033	578.38	577.18	(N/A)	(N/A)	577.18	2.86	0.13
MH-2603	578.39	577.15	(N/A)	(N/A)	577.15	0.39	0.07
MH-1172	578.39	(N/A)	(N/A)	(N/A)	577.44	0.01	0.01
MH-1342	578.41	577.46	(N/A)	(N/A)	577.37	0.08	0.03
MH-6490	578.42	(N/A)	(N/A)	(N/A)	577.47	0.13	0.03
MH-1370	578.42	577.47	577.47	(N/A)	576.96	0.68	0.08
MH-4311	578.43	575.71	(N/A)	(N/A)	575.71	1.54	0.14
MH-1500	578.47	577.29	(N/A)	(N/A)	577.29	0.08	0.04
MH-1143	578.48	577.53	(N/A)	(N/A)	577.46	0.05	0.02
MH-3225	578.49	577.54	577.23	(N/A)	577.23	0.32	0.05
MH-3032	578.49	577.29	(N/A)	(N/A)	577.29	2.82	0.13
MH-1173	578.51	577.44	(N/A)	(N/A)	577.44	0.01	0.02
MH-2602	578.52	577.2	(N/A)	(N/A)	577.2	0.37	0.06
MH-1499	578.53	577.3	(N/A)	(N/A)	577.3	0.07	0.04
MH-4507	578.53	577.58	(N/A)	(N/A)	577.45	0.13	0.03
MH-3857	578.55	577.6	(N/A)	(N/A)	577.6	0.51	0.07
MH-1984	578.55	576.21	(N/A)	(N/A)	576.21	1.65	0.14
MH-4185	578.55	576.87	(N/A)	(N/A)	576.87	0.28	0.05
MH-1369	578.56	577.61	(N/A)	(N/A)	577.54	0.58	0.07
MH-6317	578.58	577.51	(N/A)	(N/A)	577.51	2.42	0.2
MH-3147	578.6	577.58	(N/A)	(N/A)	577.31	0.9	0.08
MH-2835	578.61	577.66	(N/A)	(N/A)	577.57	0.07	0.02
MH-2987	578.62	576.67	(N/A)	(N/A)	576.67	0.12	0.05

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5489	578.62	577.67	(N/A)	(N/A)	577.18	1.36	0.12
MH-3744	578.65	577.7	(N/A)	(N/A)	577.45	0.39	0.06
MH-3157	578.66	577.44	(N/A)	(N/A)	577.44	2.8	0.13
MH-1983	578.69	577.67	576.34	(N/A)	576.22	1.63	0.14
MH-1543	578.7	577.43	(N/A)	(N/A)	577.43	0.02	0.02
MH-5055	578.71	(N/A)	(N/A)	(N/A)	577.07	0.01	0.01
MH-2970	578.71	577.27	(N/A)	(N/A)	577.27	0.35	0.06
MH-2988	578.73	576.65	577.78	(N/A)	576.65	0.22	0.04
MH-2512	578.74	577.36	(N/A)	(N/A)	577.36	0.07	0.02
MH-2552	578.74	577.79	(N/A)	(N/A)	577.67	0.05	0.02
MH-5268	578.78	576.43	(N/A)	(N/A)	576.43	0.26	0.05
MH-4573	578.78	577.83	577.83	(N/A)	577.72	0.33	0.06
MH-1661	578.78	577.83	(N/A)	(N/A)	577.72	0.56	0.07
MH-5486	578.83	577.88	(N/A)	(N/A)	577.88	0.44	0.06
MH-1665	578.84	577.37	(N/A)	(N/A)	577.37	0.06	0.03
MH-3159	578.84	577.89	(N/A)	(N/A)	577.66	0.08	0.03
MH-6346	578.84	(N/A)	(N/A)	(N/A)	577.89	0.08	0.04
MH-3156	578.85	577.46	(N/A)	(N/A)	577.46	2.77	0.16
MH-4088	578.87	577.92	(N/A)	(N/A)	577.72	0.09	0.03
MH-1664	578.88	577.38	(N/A)	(N/A)	577.38	0.05	0.03
MH-3697	578.88	576.23	(N/A)	(N/A)	576.23	0.29	0.05
MH-1398	578.89	577.94	(N/A)	(N/A)	577.82	0.05	0.02
MH-1147	578.91	577.42	(N/A)	(N/A)	577.42	0.02	0.02
MH-1964	578.92	577.97	(N/A)	(N/A)	577.26	0.58	0.07
MH-1205	578.93	577.98	(N/A)	(N/A)	577.72	0.24	0.05
MH-4473	578.93	(N/A)	(N/A)	(N/A)	577.98	0.04	0.03
MH-2334	578.94	577.39	(N/A)	(N/A)	577.39	0.04	0.03
MH-4739	578.94	577.97	(N/A)	(N/A)	577.48	2.02	0.14
MH-3867	578.96	(N/A)	(N/A)	(N/A)	578.01	0.02	0.02
MH-1660	578.97	578.02	(N/A)	(N/A)	577.92	0.53	0.07
MH-1308	578.97	576.28	(N/A)	(N/A)	576.28	0.15	0.04
MH-5720	578.97	578.02	(N/A)	(N/A)	577.52	0.18	0.04
MH-1767	578.97	577.41	(N/A)	(N/A)	577.41	0.04	0.03
MH-4254	578.98	578.03	(N/A)	(N/A)	578.03	0.07	0.03
MH-1397	579.01	578.06	(N/A)	(N/A)	578.01	0.03	0.02
MH-1148	579.02	577.41	(N/A)	(N/A)	577.41	0.03	0.03
MH-3455	579.02	578.01	(N/A)	(N/A)	577.87	1.52	0.11
MH-3698	579.03	576.13	(N/A)	(N/A)	576.13	0.31	0.06
MH-3336	579.04	578.09	(N/A)	(N/A)	577.88	0.09	0.03
MH-3868	579.04	577.99	(N/A)	(N/A)	577.99	0.06	0.04
MH-1204	579.05	578.1	(N/A)	(N/A)	578.03	0.23	0.05
MH-1350	579.05	578.1	(N/A)	(N/A)	577.97	0.04	0.02
MH-4446	579.08	577.38	(N/A)	(N/A)	577.38	0.33	0.06
MH-3594	579.1	577.79	(N/A)	(N/A)	577.79	0.87	0.08
MH-1307	579.1	576.23	(N/A)	(N/A)	576.23	0.16	0.04
MH-3169	579.13	578.18	(N/A)	(N/A)	578.18	0.51	0.08
MH-4572	579.16	578.21	578.21	(N/A)	578.11	0.22	0.05
MH-1349	579.16	578.21	(N/A)	(N/A)	578.17	0.03	0.02
MH-1715	579.18	575.76	(N/A)	(N/A)	575.76	1.49	0.14
MH-1965	579.18	578.23	578.23	(N/A)	578.08	0.55	0.07
MH-1865	579.19	578.24	(N/A)	(N/A)	578.06	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4307	579.2	578.25	(N/A)	(N/A)	577.96	0.34	0.06
MH-1799	579.21	578.26	(N/A)	(N/A)	578.14	0.52	0.07
MH-1612	579.24	578.28	(N/A)	(N/A)	578.18	0.23	0.05
MH-2935	579.28	578.01	578.08	(N/A)	576.91	4.56	0.16
MH-2934	579.28	578.12	(N/A)	(N/A)	578.12	0.19	0.04
MH-3171	579.28	(N/A)	(N/A)	(N/A)	578.33	0.02	0.02
MH-1014	579.28	577.95	577.31	(N/A)	577.18	2.58	0.16
MH-6043	579.28	577.41	(N/A)	(N/A)	577.41	2.46	0.2
MH-3397	579.29	578.13	577.61	(N/A)	577.48	2.76	0.16
MH-1015	579.31	577.18	(N/A)	(N/A)	577.18	2.6	0.16
MH-2194	579.31	578.36	(N/A)	(N/A)	578.36	0.06	0.04
MH-3335	579.32	578.37	(N/A)	(N/A)	578.27	0.04	0.02
MH-4106	579.33	578.13	(N/A)	(N/A)	578.13	0.38	0.06
MH-3313	579.33	578.38	(N/A)	(N/A)	578.24	0.02	0.01
MH-4487	579.34	577.69	(N/A)	(N/A)	577.69	0.31	0.06
MH-4474	579.34	577.96	(N/A)	(N/A)	577.96	0.07	0.04
MH-3168	579.35	578.4	(N/A)	(N/A)	578.36	0.48	0.07
MH-1738	579.36	578.29	(N/A)	(N/A)	578.29	2.18	0.12
MH-1195	579.37	578.42	(N/A)	(N/A)	578.42	0.21	0.04
MH-3172	579.38	578.31	577.34	(N/A)	577.34	2.5	0.18
MH-1714	579.38	578.43	575.87	576.14	575.77	1.48	0.14
MH-2911	579.39	578.35	(N/A)	(N/A)	578.35	0.16	0.04
MH-1798	579.39	578.44	(N/A)	(N/A)	578.36	0.52	0.07
MH-1221	579.39	578.44	(N/A)	(N/A)	578.34	0.05	0.02
MH-1492	579.4	578.45	(N/A)	(N/A)	578.35	0.03	0.02
MH-1695	579.42	578.47	(N/A)	(N/A)	578.47	0.05	0.02
MH-1194	579.43	578.48	578.47	(N/A)	578.47	0.21	0.04
MH-1294	579.44	577.48	(N/A)	(N/A)	577.48	0.31	0.06
MH-6187	579.45	577.63	(N/A)	(N/A)	577.63	2.23	0.17
MH-2910	579.45	578.5	(N/A)	(N/A)	578.5	0.13	0.04
MH-4107	579.45	578.27	(N/A)	(N/A)	578.27	0.24	0.05
MH-4012	579.46	578.44	(N/A)	(N/A)	578.25	1.5	0.11
MH-5029	579.46	578.51	(N/A)	(N/A)	578.25	0.07	0.03
MH-1283	579.48	578.53	(N/A)	(N/A)	578.53	0.03	0.02
MH-1694	579.48	578.53	(N/A)	(N/A)	578.53	0.05	0.02
MH-1220	579.49	578.54	(N/A)	(N/A)	578.5	0.05	0.02
MH-1491	579.52	578.57	(N/A)	(N/A)	578.52	0.02	0.01
MH-878	579.52	577.57	578.34	(N/A)	577.57	0.29	0.05
MH-877	579.53	578.35	(N/A)	(N/A)	578.35	0.07	0.04
MH-2035	579.54	578.59	(N/A)	(N/A)	578.59	0.21	0.04
MH-1756	579.54	578.59	(N/A)	(N/A)	578.59	0.04	0.02
MH-1829	579.54	578.59	(N/A)	(N/A)	578.59	0.02	0.02
MH-2036	579.55	578.52	(N/A)	(N/A)	578.52	0.23	0.05
MH-3178	579.56	(N/A)	(N/A)	(N/A)	578.61	0.03	0.03
MH-4515	579.57	(N/A)	(N/A)	(N/A)	578.62	0.11	0.03
MH-1190	579.59	577.6	(N/A)	(N/A)	577.6	0.22	0.05
MH-4911	579.6	578.65	(N/A)	(N/A)	578.53	0.11	0.03
MH-1739	579.6	578.21	578.65	(N/A)	578.21	2.36	0.13
MH-1828	579.61	578.66	(N/A)	(N/A)	578.66	0.02	0.01
MH-2548	579.62	578.67	(N/A)	(N/A)	578.67	0.03	0.02
MH-3431	579.65	(N/A)	(N/A)	(N/A)	578.7	0.01	0.01

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3447	579.65	577.36	(N/A)	(N/A)	577.36	2.48	0.19
MH-1703	579.65	578.7	(N/A)	(N/A)	578.7	0.02	0.02
MH-3820	579.67	(N/A)	(N/A)	(N/A)	578.59	0.01	0.01
MH-4363	579.68	(N/A)	(N/A)	(N/A)	578.73	0.01	0.01
MH-3315	579.69	577.98	(N/A)	(N/A)	577.98	0.85	0.08
MH-3635	579.7	576.64	577.14	(N/A)	576.64	49.39	0.61
MH-1949	579.7	578.75	(N/A)	(N/A)	578.7	0.21	0.04
MH-5041	579.7	578.75	(N/A)	(N/A)	578.11	1.27	0.11
MH-2131	579.71	578.76	(N/A)	(N/A)	578.6	0.48	0.07
MH-1702	579.71	578.76	(N/A)	(N/A)	578.76	0.01	0.01
MH-2137	579.72	578.48	(N/A)	(N/A)	578.48	0.2	0.04
MH-1876	579.72	578.69	(N/A)	(N/A)	578.69	0.03	0.03
MH-3913	579.72	577.82	(N/A)	(N/A)	577.82	0.29	0.05
MH-3675	579.73	(N/A)	(N/A)	(N/A)	578.6	0.01	0.01
MH-4863	579.74	(N/A)	(N/A)	(N/A)	578.35	0.05	0.02
MH-3634	579.75	577.45	577.53	(N/A)	576.7	46.78	0.56
MH-6347	579.75	(N/A)	(N/A)	(N/A)	578.8	0.11	0.05
MH-1960	579.75	578.73	(N/A)	(N/A)	578.73	1.03	0.11
MH-4150	579.75	(N/A)	(N/A)	(N/A)	578.8	0.05	0.03
MH-132	579.75	578.59	578.59	(N/A)	578.59	0.12	0.03
MH-2487	579.77	(N/A)	(N/A)	(N/A)	578.82	0.01	0.01
MH-3050	579.77	578.82	575.93	(N/A)	575.91	0.65	0.09
MH-3333	579.78	578.83	(N/A)	(N/A)	578.7	0.44	0.06
MH-2820	579.78	577.93	(N/A)	(N/A)	577.93	0.09	0.05
MH-4121	579.78	578.83	(N/A)	(N/A)	578.48	0.3	0.05
MH-3099	579.79	578.84	(N/A)	(N/A)	578.61	0.66	0.08
MH-1698	579.79	578.68	(N/A)	(N/A)	578.68	0.03	0.04
MH-1367	579.82	578.82	(N/A)	(N/A)	578.57	0.28	0.05
MH-5010	579.82	578.87	(N/A)	(N/A)	578.46	0.1	0.03
MH-1957	579.82	578.87	578.87	(N/A)	578.59	0.23	0.05
MH-63	579.82	578.7	(N/A)	(N/A)	578.7	1.03	0.1
MH-64	579.82	578.7	578.67	(N/A)	578.6	1.07	0.11
MH-4913	579.83	578.34	577.59	(N/A)	577.59	46.45	0.51
MH-1959	579.85	578.83	(N/A)	(N/A)	578.83	1.03	0.09
MH-354	579.86	578.91	578.91	(N/A)	578.85	0.2	0.04
MH-353	579.86	(N/A)	(N/A)	(N/A)	578.91	0	0.01
MH-3523	579.87	(N/A)	(N/A)	(N/A)	578.77	0.01	0.01
MH-3145	579.87	578.9	(N/A)	(N/A)	578.32	1.97	0.13
MH-2130	579.9	578.95	(N/A)	(N/A)	578.88	0.45	0.07
MH-1817	579.9	578.59	578.59	578.12	577.9	46.19	0.43
MH-1549	579.91	578.96	(N/A)	(N/A)	578.89	0.01	0.01
MH-281	579.91	578.8	578.96	(N/A)	578.8	0.06	0.02
MH-282	579.91	578.96	(N/A)	(N/A)	578.96	0.05	0.02
MH-3377	579.93	578.98	578.21	(N/A)	578.21	44.13	0.43
MH-6257	579.95	(N/A)	(N/A)	(N/A)	578.05	0.14	0.04
MH-3376	579.96	578.36	579.01	(N/A)	578.36	44.09	0.43
MH-1366	579.96	579.01	(N/A)	(N/A)	579.01	0.26	0.05
MH-2938	579.97	579.02	(N/A)	(N/A)	579.02	0.02	0.01
MH-1624	579.98	579.03	(N/A)	(N/A)	578.99	0.19	0.04
MH-2930	579.98	578.69	(N/A)	(N/A)	578.69	0.99	0.09
MH-630	579.99	578.79	578.89	(N/A)	578.49	4.25	0.16

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-629	580	578.8	(N/A)	(N/A)	578.8	4.06	0.15
MH-1588	580	578.98	(N/A)	(N/A)	578.94	1.02	0.09
MH-3782	580	577.74	(N/A)	(N/A)	577.74	0.22	0.04
MH-2099	580.04	579.09	(N/A)	(N/A)	578.98	0.02	0.01
MH-2821	580.04	577.91	(N/A)	(N/A)	577.91	0.12	0.05
MH-4827	580.04	(N/A)	(N/A)	(N/A)	578.85	0.03	0.02
MH-1548	580.04	(N/A)	(N/A)	(N/A)	579.04	0	0.01
MH-2939	580.05	(N/A)	(N/A)	(N/A)	579.1	0.01	0.01
MH-2824	580.05	579.04	(N/A)	(N/A)	578.68	1.46	0.11
MH-2470	580.06	578.11	(N/A)	(N/A)	578.11	0.23	0.05
MH-1956	580.07	579.12	(N/A)	(N/A)	578.98	0.18	0.04
MH-3332	580.07	579.12	(N/A)	(N/A)	579.01	0.37	0.06
MH-4742	580.1	579.15	(N/A)	(N/A)	579.15	0.14	0.04
MH-562	580.1	577.94	579.15	(N/A)	577.94	0.27	0.05
MH-561	580.1	577.94	(N/A)	(N/A)	577.94	0.24	0.05
MH-3314	580.12	578.06	(N/A)	(N/A)	578.02	0.81	0.1
MH-5359	580.13	(N/A)	(N/A)	(N/A)	579.15	0.04	0.02
MH-5285	580.13	(N/A)	(N/A)	(N/A)	579.18	0.02	0.02
MH-3339	580.16	579.21	(N/A)	(N/A)	579.21	0.18	0.04
MH-1275	580.19	579.17	(N/A)	(N/A)	579.06	1.02	0.09
MH-2311	580.19	(N/A)	(N/A)	(N/A)	579.24	0.01	0.02
MH-4122	580.2	579.25	(N/A)	(N/A)	579.25	0.13	0.04
MH-2358	580.2	579.25	(N/A)	(N/A)	579.25	0.02	0.01
MH-3144	580.22	579.27	(N/A)	(N/A)	579.07	1.95	0.13
MH-4168	580.23	578.39	(N/A)	(N/A)	578.39	0.16	0.04
MH-382	580.24	578.2	579.29	(N/A)	578.2	0.22	0.05
MH-381	580.24	579.29	(N/A)	(N/A)	579.29	0.05	0.02
MH-2474	580.25	578.78	(N/A)	(N/A)	578.78	0.06	0.04
MH-3701	580.25	578.81	(N/A)	(N/A)	578.81	0.17	0.04
MH-2475	580.26	579.31	578.76	(N/A)	578.76	0.13	0.03
MH-3440	580.27	(N/A)	(N/A)	(N/A)	579.32	0.09	0.04
MH-3213	580.31	579.36	(N/A)	(N/A)	579.16	0.43	0.06
MH-254	580.32	579.37	578.72	(N/A)	578.72	0.98	0.11
MH-1274	580.32	579.31	(N/A)	(N/A)	579.23	1.01	0.09
MH-5811	580.33	(N/A)	(N/A)	(N/A)	579.38	0.1	0.03
MH-1382	580.34	579.32	(N/A)	(N/A)	579.32	1.01	0.11
MH-2823	580.37	579.35	(N/A)	(N/A)	579.19	1.43	0.11
MH-2877	580.38	(N/A)	(N/A)	(N/A)	579.25	0.01	0.01
MH-3871	580.38	579.1	577.89	(N/A)	577.89	0.2	0.04
MH-3106	580.38	(N/A)	(N/A)	(N/A)	579.43	0.01	0.01
MH-314	580.38	579.03	(N/A)	(N/A)	579.03	0.21	0.04
MH-313	580.38	579.43	579.03	(N/A)	579.03	0.2	0.04
MH-5644	580.39	(N/A)	(N/A)	(N/A)	579.41	0.02	0.01
MH-2653	580.45	579.5	(N/A)	(N/A)	579.2	0.04	0.02
MH-3998	580.46	579.51	579.51	(N/A)	579.17	0.15	0.04
MH-1381	580.46	579.44	(N/A)	(N/A)	579.39	1	0.09
MH-4286	580.48	579.53	(N/A)	(N/A)	579.38	0.3	0.05
MH-2312	580.49	579.23	(N/A)	(N/A)	579.23	0.03	0.02
MH-6717	580.5	579.55	(N/A)	(N/A)	579.08	0.33	0.06
MH-2951	580.51	579.56	(N/A)	(N/A)	579.14	0.28	0.05
MH-2299	580.53	579.58	(N/A)	(N/A)	579.49	0.03	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-996	580.53	577.82	578.54	(N/A)	577.7	2.2	0.18
MH-3383	580.53	578.1	(N/A)	(N/A)	578.1	0.8	0.11
MH-2329	580.54	579.3	(N/A)	(N/A)	579.3	0.12	0.03
MH-2611	580.55	579.6	(N/A)	(N/A)	579.6	0.17	0.04
MH-6320	580.56	(N/A)	(N/A)	(N/A)	578.53	0.07	0.02
MH-2481	580.56	579.61	(N/A)	(N/A)	579.43	0.05	0.02
MH-997	580.57	578.56	(N/A)	(N/A)	578.56	2.08	0.16
MH-2678	580.57	578.9	(N/A)	(N/A)	578.9	0.23	0.05
MH-2845	580.58	579.51	(N/A)	(N/A)	578.9	2.15	0.12
MH-1096	580.59	578.99	579.64	(N/A)	578.69	43.91	0.43
MH-3276	580.61	579.66	(N/A)	(N/A)	579.31	0.18	0.04
MH-2799	580.61	579.66	(N/A)	(N/A)	579.54	0.4	0.06
MH-1095	580.62	579.67	(N/A)	(N/A)	579.67	0.07	0.03
MH-5040	580.63	579.68	(N/A)	(N/A)	579.09	1.2	0.11
MH-1979	580.67	579.72	(N/A)	(N/A)	579.18	0.63	0.08
MH-4719	580.67	579.72	579.72	(N/A)	579.72	0.3	0.05
MH-4971	580.68	579.66	(N/A)	(N/A)	579.66	0.89	0.1
MH-2612	580.7	579.49	(N/A)	(N/A)	579.45	0.18	0.04
MH-252	580.72	578.86	(N/A)	(N/A)	578.86	0.23	0.05
MH-251	580.72	579.75	579.77	578.82	578.75	0.94	0.11
MH-3122	580.77	579	(N/A)	(N/A)	579	0.14	0.04
MH-2652	580.8	(N/A)	(N/A)	(N/A)	579.65	0.02	0.01
MH-4932	580.85	579.9	(N/A)	(N/A)	579.57	0.12	0.03
MH-5286	580.86	579.14	(N/A)	(N/A)	579.14	0.06	0.03
MH-1129	580.86	579.18	(N/A)	(N/A)	579.18	0.13	0.03
MH-2798	580.87	579.92	(N/A)	(N/A)	579.82	0.38	0.06
MH-5050	580.87	(N/A)	(N/A)	(N/A)	579.92	0.02	0.01
MH-3312	580.88	579.93	(N/A)	(N/A)	579.79	0.2	0.04
MH-3848	580.88	579.87	(N/A)	(N/A)	579.47	1.41	0.11
MH-524	580.89	(N/A)	(N/A)	(N/A)	579.94	0.06	0.03
MH-523	580.89	579.69	579.94	(N/A)	579.3	4.01	0.15
MH-2883	580.89	579.94	(N/A)	(N/A)	579.76	0.16	0.04
MH-2950	580.89	579.94	(N/A)	(N/A)	579.72	0.26	0.05
MH-1247	580.9	579.95	(N/A)	(N/A)	579.95	0.07	0.03
MH-3997	580.9	(N/A)	(N/A)	(N/A)	579.75	0.03	0.02
MH-1978	580.92	579.97	(N/A)	(N/A)	579.82	0.6	0.08
MH-3419	580.93	579.91	(N/A)	(N/A)	579.65	1	0.09
MH-6322	580.95	(N/A)	(N/A)	(N/A)	578.92	0.07	0.02
MH-3834	580.95	580	580	(N/A)	579.19	0.23	0.05
MH-1731	580.95	578.14	(N/A)	(N/A)	578.14	0.78	0.11
MH-1183	580.96	580.01	(N/A)	(N/A)	580.01	0.07	0.02
MH-1128	580.97	579.14	(N/A)	(N/A)	579.14	0.14	0.04
MH-1182	581.01	580.06	(N/A)	(N/A)	580.06	0.06	0.02
MH-2844	581.01	579.94	(N/A)	(N/A)	579.67	2.1	0.12
MH-3674	581.02	580	580.07	(N/A)	580	1.39	0.11
MH-3599	581.02	(N/A)	(N/A)	(N/A)	579.82	0.03	0.02
MH-1982	581.04	(N/A)	(N/A)	(N/A)	580.09	0.05	0.05
MH-1050	581.05	580.1	578.18	(N/A)	578.16	0.76	0.1
MH-2396	581.06	580.11	(N/A)	(N/A)	579.84	0.16	0.04
MH-2221	581.07	580.12	(N/A)	(N/A)	580.12	0.06	0.03
MH-3202	581.07	580.12	(N/A)	(N/A)	579.51	0.16	0.04

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1049	581.08	578.19	(N/A)	(N/A)	578.19	0.5	0.08
MH-1635	581.11	580.16	(N/A)	(N/A)	580.14	0.06	0.02
MH-4443	581.13	579.2	(N/A)	(N/A)	579.2	0.06	0.04
MH-1327	581.13	579.02	(N/A)	(N/A)	579.02	0.16	0.04
MH-4434	581.15	580.2	(N/A)	(N/A)	579.79	0.06	0.02
MH-2163	581.16	580.21	(N/A)	(N/A)	580.09	0.37	0.06
MH-3311	581.18	580.23	(N/A)	(N/A)	580.12	0.13	0.03
MH-3738	581.2	580.22	(N/A)	(N/A)	579.97	0.64	0.08
MH-3121	581.2	580.25	579.16	(N/A)	579.16	0.12	0.03
MH-2220	581.21	(N/A)	(N/A)	(N/A)	580.24	0.05	0.02
MH-1335	581.23	(N/A)	(N/A)	(N/A)	580.28	0	0.02
MH-3000	581.26	580.31	(N/A)	(N/A)	580.14	0.58	0.08
MH-1718	581.27	580.32	(N/A)	(N/A)	580.06	0.05	0.02
MH-4718	581.28	580.33	(N/A)	(N/A)	580.02	0.15	0.04
MH-2278	581.28	578.23	(N/A)	(N/A)	578.23	0.5	0.08
MH-1326	581.28	578.97	(N/A)	(N/A)	578.97	0.17	0.04
MH-3720	581.31	580.36	(N/A)	(N/A)	580.23	0.17	0.04
MH-1358	581.31	580.36	(N/A)	(N/A)	580.25	0.06	0.02
MH-6285	581.32	(N/A)	(N/A)	(N/A)	579.32	0.07	0.03
MH-6127	581.33	580.38	(N/A)	(N/A)	579.9	0.06	0.02
MH-1507	581.36	580.16	(N/A)	(N/A)	580.16	1.32	0.1
MH-57	581.36	580.41	580.33	(N/A)	580.1	0.98	0.09
MH-58	581.36	580.35	(N/A)	(N/A)	580.35	0.94	0.1
MH-1336	581.37	580.28	(N/A)	(N/A)	580.28	0.01	0.02
MH-2395	581.4	580.45	(N/A)	(N/A)	580.25	0.14	0.04
MH-2162	581.4	580.45	(N/A)	(N/A)	580.32	0.34	0.06
MH-66	581.4	580.08	(N/A)	(N/A)	580.08	0.05	0.06
MH-65	581.4	580.45	580.08	(N/A)	580.08	0.33	0.06
MH-2049	581.41	580.46	(N/A)	(N/A)	580.15	0.11	0.03
MH-6488	581.41	(N/A)	(N/A)	(N/A)	580.46	0.05	0.03
MH-2277	581.44	578.26	(N/A)	(N/A)	578.26	0.48	0.08
MH-2848	581.44	580.49	(N/A)	(N/A)	580.17	0.24	0.05
MH-1357	581.47	580.52	(N/A)	(N/A)	580.43	0.05	0.02
MH-3201	581.47	580.52	(N/A)	(N/A)	580.3	0.14	0.04
MH-3469	581.49	580.54	(N/A)	(N/A)	580.43	0.08	0.03
MH-5416	581.53	580.58	(N/A)	(N/A)	580.04	0.09	0.03
MH-918	581.53	580.58	580.25	(N/A)	580.18	1.31	0.12
MH-917	581.54	580.25	(N/A)	(N/A)	580.25	0.02	0.05
MH-1106	581.54	579.9	(N/A)	(N/A)	579.9	0.85	0.08
MH-4025	581.56	578.72	579.1	(N/A)	578.6	2.04	0.17
MH-1062	581.59	580.25	(N/A)	(N/A)	580.25	0.02	0.05
MH-3719	581.65	580.7	(N/A)	(N/A)	580.58	0.13	0.03
MH-5166	581.65	580.7	(N/A)	(N/A)	580.31	0.14	0.04
MH-1072	581.65	580.26	(N/A)	(N/A)	580.26	0.02	0.04
MH-3792	581.66	580.27	(N/A)	(N/A)	580.27	2.07	0.12
MH-1105	581.66	580.71	579.98	(N/A)	579.91	0.84	0.09
MH-3615	581.67	580.38	(N/A)	(N/A)	580.38	0.94	0.11
MH-1641	581.67	580.72	(N/A)	(N/A)	580.52	0.55	0.07
MH-3031	581.68	578.32	(N/A)	(N/A)	578.32	0.46	0.08
MH-2997	581.69	578.82	(N/A)	(N/A)	578.82	0.19	0.04
MH-1493	581.69	580.74	(N/A)	(N/A)	580.65	1.29	0.11

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1071	581.7	580.26	(N/A)	(N/A)	580.26	0.02	0.04
MH-1245	581.71	580.69	580.16	579.99	579.57	43.8	0.43
MH-2050	581.71	580.76	(N/A)	(N/A)	580.57	0.09	0.03
MH-1225	581.73	580.71	(N/A)	(N/A)	580.71	1.01	0.09
MH-1003	581.73	580.78	580.78	(N/A)	580.63	0.05	0.02
MH-5954	581.74	(N/A)	(N/A)	(N/A)	580.79	0.03	0.02
MH-4895	581.77	580.64	(N/A)	(N/A)	580.64	0.12	0.03
MH-3885	581.78	580.83	(N/A)	(N/A)	580.28	0.08	0.03
MH-1224	581.78	580.74	(N/A)	(N/A)	580.74	1.01	0.09
MH-3437	581.79	580.84	(N/A)	(N/A)	580.61	0.03	0.02
MH-1002	581.79	(N/A)	(N/A)	(N/A)	580.81	0.02	0.01
MH-3054	581.8	580.79	(N/A)	(N/A)	580.79	0.15	0.04
MH-2371	581.8	580.85	(N/A)	(N/A)	580.58	0.03	0.02
MH-2434	581.82	580.87	(N/A)	(N/A)	580.6	0.13	0.03
MH-2387	581.83	580.81	(N/A)	(N/A)	580.81	0.93	0.11
MH-3664	581.83	(N/A)	(N/A)	(N/A)	580.75	0.04	0.02
MH-4433	581.84	580.89	(N/A)	(N/A)	580.47	0.04	0.02
MH-4736	581.85	580.9	580.9	(N/A)	580.29	1.13	0.11
MH-1640	581.85	580.9	(N/A)	(N/A)	580.81	0.53	0.07
MH-2826	581.86	580.91	(N/A)	(N/A)	580.65	0.22	0.04
MH-6209	581.86	(N/A)	(N/A)	(N/A)	579.9	0.98	0.1
MH-5231	581.88	580.93	(N/A)	(N/A)	580.46	0.25	0.05
MH-5502	581.9	579.53	(N/A)	(N/A)	579.53	0.94	0.11
MH-3053	581.91	580.96	(N/A)	(N/A)	580.96	0.13	0.03
MH-5292	581.94	580.67	580.99	(N/A)	580.06	3.91	0.15
MH-5237	581.95	(N/A)	(N/A)	(N/A)	580.61	0.03	0.02
MH-4663	581.96	581.01	(N/A)	(N/A)	580.75	0.31	0.05
MH-1851	581.96	580.79	(N/A)	(N/A)	580.79	0.94	0.11
MH-3006	581.97	581.02	(N/A)	(N/A)	581.02	0.35	0.06
MH-4026	581.97	579.13	(N/A)	(N/A)	579.13	1.89	0.15
MH-2815	581.97	578.42	(N/A)	(N/A)	578.42	0.43	0.07
MH-2716	582.02	581.07	(N/A)	(N/A)	580.93	0.08	0.03
MH-2175	582.02	578.48	(N/A)	(N/A)	578.48	0.4	0.07
MH-5415	582.03	(N/A)	(N/A)	(N/A)	580.97	0.04	0.02
MH-2887	582.03	578.71	(N/A)	(N/A)	578.71	0.2	0.04
MH-2365	582.05	580.22	(N/A)	(N/A)	580.22	1.18	0.1
MH-3487	582.07	581.12	581.12	(N/A)	580.94	1.28	0.11
MH-318	582.08	580.77	581.13	(N/A)	580.77	1	0.11
MH-317	582.08	580.77	581.13	(N/A)	580.77	0.97	0.11
MH-2174	582.09	578.52	(N/A)	(N/A)	578.52	0.38	0.07
MH-958	582.1	581.15	581.15	(N/A)	580.98	0.03	0.02
MH-5162	582.1	581.13	(N/A)	(N/A)	580.57	0.62	0.07
MH-3499	582.11	580.42	(N/A)	(N/A)	580.42	0.92	0.1
MH-3791	582.12	580.31	(N/A)	(N/A)	580.31	2.04	0.15
MH-957	582.15	(N/A)	(N/A)	(N/A)	581.17	0.01	0.01
MH-4229	582.15	581.2	(N/A)	(N/A)	581.01	0.08	0.03
MH-5158	582.15	(N/A)	(N/A)	(N/A)	578.74	0.14	0.04
MH-5861	582.16	(N/A)	(N/A)	(N/A)	581.21	0.03	0.03
MH-2433	582.19	581.24	(N/A)	(N/A)	581	0.11	0.03
MH-2825	582.21	581.26	(N/A)	(N/A)	581.07	0.2	0.04
MH-6462	582.22	(N/A)	(N/A)	(N/A)	581.27	0.04	0.03

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3002	582.22	581.27	(N/A)	(N/A)	581.27	0.22	0.05
MH-1526	582.24	581.29	(N/A)	(N/A)	581.23	0.03	0.02
MH-3641	582.24	(N/A)	(N/A)	(N/A)	581.05	0.02	0.01
MH-36	582.25	581.3	580.93	(N/A)	580.86	0.92	0.1
MH-35	582.25	580.85	(N/A)	(N/A)	580.85	0.92	0.09
MH-6247	582.26	(N/A)	(N/A)	(N/A)	581.02	0.02	0.01
MH-2715	582.28	581.33	(N/A)	(N/A)	581.22	0.04	0.02
MH-5003	582.33	580.69	(N/A)	(N/A)	580.69	0.09	0.04
MH-1281	582.33	581.38	581.38	578.6	578.6	0.37	0.06
MH-3884	582.35	(N/A)	(N/A)	(N/A)	581.05	0.03	0.02
MH-3906	582.36	581.41	581.33	(N/A)	581.33	0.25	0.05
MH-1375	582.38	581.43	(N/A)	(N/A)	581.36	0.02	0.01
MH-2495	582.38	581.43	(N/A)	(N/A)	581.18	0.34	0.06
MH-3001	582.38	581.43	(N/A)	(N/A)	581.43	0.2	0.04
MH-4899	582.39	581.05	(N/A)	(N/A)	581.05	0.1	0.03
MH-2318	582.41	581.46	(N/A)	(N/A)	581.21	0.1	0.03
MH-1280	582.41	581.46	(N/A)	(N/A)	581.44	0.14	0.04
MH-3277	582.43	581.48	(N/A)	(N/A)	581.48	0.03	0.02
MH-4070	582.45	581.32	(N/A)	(N/A)	581.32	0.24	0.05
MH-1138	582.47	581.52	(N/A)	(N/A)	581.52	0.09	0.04
MH-1616	582.47	581.52	(N/A)	(N/A)	581.19	0.5	0.07
MH-1775	582.48	581.53	(N/A)	(N/A)	581.53	0.08	0.04
MH-3510	582.48	581.53	(N/A)	(N/A)	581.32	1.02	0.1
MH-3498	582.48	580.45	(N/A)	(N/A)	580.45	0.9	0.1
MH-1139	582.51	581.51	(N/A)	(N/A)	581.38	0.1	0.03
MH-1376	582.51	(N/A)	(N/A)	(N/A)	581.49	0.02	0.01
MH-3340	582.52	581.57	(N/A)	(N/A)	581.31	0.24	0.05
MH-2907	582.53	(N/A)	(N/A)	(N/A)	581.5	0.01	0.01
MH-3108	582.54	581.59	(N/A)	(N/A)	581.59	0.18	0.04
MH-1584	582.55	581.6	(N/A)	(N/A)	581.43	0.57	0.07
MH-4069	582.57	581.5	(N/A)	(N/A)	581.5	0.18	0.04
MH-5503	582.58	579.46	(N/A)	(N/A)	579.46	0.99	0.11
MH-4735	582.6	581.65	(N/A)	(N/A)	581.2	0.37	0.06
MH-3258	582.64	581.69	(N/A)	(N/A)	581.69	0.04	0.03
MH-3541	582.65	581.7	(N/A)	(N/A)	581.46	0.19	0.04
MH-4927	582.66	(N/A)	(N/A)	(N/A)	581.21	0.02	0.01
MH-4004	582.67	(N/A)	(N/A)	(N/A)	581.72	0.01	0.01
MH-1776	582.68	581.52	581.73	(N/A)	581.52	0.2	0.04
MH-1615	582.68	581.73	(N/A)	(N/A)	581.6	0.49	0.07
MH-2897	582.7	581.75	(N/A)	(N/A)	581.75	0.16	0.04
MH-1263	582.71	581.76	(N/A)	(N/A)	581.68	0.13	0.03
MH-5239	582.72	581.77	(N/A)	(N/A)	581.34	0.67	0.08
MH-3533	582.72	580.74	(N/A)	(N/A)	580.74	0.05	0.03
MH-1924	582.72	581.72	581.75	580.46	580.34	2.01	0.16
MH-2317	582.74	581.79	(N/A)	(N/A)	581.79	0.09	0.04
MH-2814	582.75	581.8	(N/A)	(N/A)	581.62	0.09	0.03
MH-4481	582.76	581.36	(N/A)	(N/A)	581.36	0.53	0.08
MH-4387	582.77	581.82	(N/A)	(N/A)	581.4	0.03	0.02
MH-2494	582.78	581.83	(N/A)	(N/A)	581.57	0.33	0.06
MH-5817	582.78	581.83	(N/A)	(N/A)	581.83	0.11	0.05
MH-4480	582.79	581.48	(N/A)	(N/A)	581.48	0.34	0.06

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3905	582.79	581.84	(N/A)	(N/A)	581.64	0.03	0.02
MH-634	582.8	(N/A)	(N/A)	(N/A)	581.85	0.02	0.01
MH-633	582.8	581.17	581.85	(N/A)	581.17	0.33	0.06
MH-1262	582.82	581.87	(N/A)	(N/A)	581.82	0.12	0.03
MH-5264	582.83	581.88	(N/A)	(N/A)	581.88	0.13	0.03
MH-3034	582.83	581.88	(N/A)	(N/A)	581.69	0.08	0.03
MH-2744	582.83	581.88	581.88	(N/A)	581.8	0.48	0.07
MH-1764	582.85	581.9	(N/A)	(N/A)	581.9	0.13	0.03
MH-1132	582.85	581.9	(N/A)	(N/A)	581.19	0.12	0.03
MH-489	582.86	579.22	(N/A)	(N/A)	579.22	1.84	0.16
MH-2673	582.88	581.93	(N/A)	(N/A)	581.75	0.16	0.04
MH-3345	582.89	581.92	581.29	(N/A)	580.25	41.59	0.42
MH-6475	582.89	(N/A)	(N/A)	(N/A)	581.94	0.04	0.03
MH-1763	582.93	(N/A)	(N/A)	(N/A)	581.98	0.1	0.03
MH-194	582.94	581.67	(N/A)	(N/A)	581.67	0.09	0.04
MH-193	582.94	581.99	581.67	(N/A)	581.67	0.07	0.04
MH-1100	582.94	581.99	(N/A)	(N/A)	581.94	0.11	0.03
MH-1923	582.95	582	581.98	582	581.85	1.73	0.13
MH-3257	582.98	(N/A)	(N/A)	(N/A)	581.88	0.01	0.01
MH-5760	583	(N/A)	(N/A)	(N/A)	581.65	0.05	0.02
MH-1099	583	582.05	(N/A)	(N/A)	582.03	0.1	0.03
MH-4141	583.02	582.07	(N/A)	(N/A)	581.8	1	0.1
MH-1053	583.02	581.17	582.07	(N/A)	581.17	0.08	0.03
MH-553	583.04	582.09	582.09	(N/A)	581.76	0.56	0.07
MH-2775	583.05	582.1	(N/A)	(N/A)	582.03	0.1	0.03
MH-2813	583.05	582.1	(N/A)	(N/A)	581.95	0.08	0.03
MH-5263	583.05	(N/A)	(N/A)	(N/A)	582.1	0.06	0.02
MH-5344	583.05	582.08	580.89	(N/A)	580.71	3.31	0.19
MH-3522	583.07	(N/A)	(N/A)	(N/A)	582.12	0.01	0.02
MH-3534	583.08	580.72	(N/A)	(N/A)	580.72	0.07	0.04
MH-1054	583.08	582.13	(N/A)	(N/A)	582.1	0.03	0.02
MH-1103	583.1	582.15	(N/A)	(N/A)	582.09	0.09	0.03
MH-5508	583.11	(N/A)	(N/A)	(N/A)	582.16	0.02	0.01
MH-3344	583.11	581.45	582.16	(N/A)	581.45	40.93	0.42
MH-495	583.12	582.17	581.65	(N/A)	581.65	0.12	0.03
MH-496	583.12	581.65	(N/A)	(N/A)	581.65	0.13	0.03
MH-2037	583.13	582.18	(N/A)	(N/A)	582.08	0.1	0.03
MH-5990	583.15	(N/A)	(N/A)	(N/A)	580.97	0.23	0.05
MH-6464	583.16	(N/A)	(N/A)	(N/A)	582.21	0.15	0.04
MH-3941	583.19	582.24	(N/A)	(N/A)	581.95	0.17	0.04
MH-2774	583.2	(N/A)	(N/A)	(N/A)	582.25	0.09	0.03
MH-2743	583.21	582.26	(N/A)	(N/A)	582.04	0.36	0.06
MH-1483	583.24	582.29	(N/A)	(N/A)	582.13	0.12	0.03
MH-4435	583.25	580.54	(N/A)	(N/A)	580.54	0.89	0.1
MH-1779	583.27	582.32	(N/A)	(N/A)	582.18	0.14	0.04
MH-3038	583.28	582.33	(N/A)	(N/A)	582.27	0.07	0.02
MH-2017	583.3	582.35	(N/A)	(N/A)	582.29	0.05	0.02
MH-5000	583.3	582.35	(N/A)	(N/A)	581.98	0.33	0.06
MH-1383	583.3	582.35	(N/A)	(N/A)	582.3	0.41	0.06
MH-1503	583.3	582.35	(N/A)	(N/A)	582.24	0.08	0.03
MH-1476	583.31	582.11	582.36	581.48	581.48	40.91	0.5

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4081	583.31	582.36	(N/A)	(N/A)	582.05	0.1	0.03
MH-2733	583.32	581.51	(N/A)	(N/A)	581.51	0.14	0.04
MH-1992	583.32	581.06	582.37	(N/A)	580.99	1.25	0.13
MH-1553	583.33	582.09	(N/A)	(N/A)	582.09	0.03	0.02
MH-4764	583.34	581.76	(N/A)	(N/A)	581.76	0.11	0.05
MH-6708	583.35	580.26	(N/A)	(N/A)	580.26	1.15	0.12
MH-4882	583.36	(N/A)	(N/A)	(N/A)	582.16	0.02	0.01
MH-2663	583.36	581.3	(N/A)	(N/A)	581.3	0.31	0.06
MH-6228	583.36	(N/A)	(N/A)	(N/A)	581.42	0.02	0.01
MH-2902	583.38	582.37	(N/A)	(N/A)	582.05	0.32	0.06
MH-3410	583.38	582.31	(N/A)	(N/A)	581.61	0.58	0.07
MH-4140	583.39	582.44	(N/A)	(N/A)	582.31	0.99	0.1
MH-1482	583.39	582.44	(N/A)	(N/A)	582.44	0.11	0.03
MH-6489	583.4	580.37	581.07	(N/A)	580.3	1.11	0.12
MH-3961	583.4	582.45	(N/A)	(N/A)	582.02	0.08	0.03
MH-1552	583.42	582.47	582.1	(N/A)	582.1	0.03	0.02
MH-5238	583.43	582.48	(N/A)	(N/A)	582.13	0.58	0.08
MH-5189	583.44	(N/A)	(N/A)	(N/A)	582.49	0.02	0.03
MH-742	583.44	581.1	582.37	(N/A)	581.1	0.38	0.07
MH-3404	583.46	579.25	(N/A)	(N/A)	579.25	1.79	0.16
MH-1301	583.47	582.52	(N/A)	(N/A)	582.42	0.4	0.06
MH-1502	583.48	582.53	(N/A)	(N/A)	582.43	0.07	0.03
MH-4616	583.49	582.47	581.68	(N/A)	581.68	36.55	0.5
MH-4979	583.5	581.03	(N/A)	(N/A)	581.03	0.36	0.06
MH-2	583.51	(N/A)	(N/A)	(N/A)	581.47	0.02	0.01
MH-2016	583.51	(N/A)	(N/A)	(N/A)	582.45	0.03	0.02
MH-2103	583.53	582.4	(N/A)	(N/A)	582.22	0.62	0.07
MH-1527	583.53	582.58	(N/A)	(N/A)	582.47	0.12	0.03
MH-4256	583.53	(N/A)	(N/A)	(N/A)	582.39	0.02	0.01
MH-1890	583.54	582.59	(N/A)	(N/A)	582.42	0.14	0.04
MH-6075	583.55	(N/A)	(N/A)	(N/A)	581.71	0.01	0.01
MH-178	583.58	582.53	(N/A)	(N/A)	582.53	0.14	0.07
MH-177	583.58	582.63	582.53	(N/A)	582.53	0.45	0.07
MH-2717	583.59	582.45	(N/A)	(N/A)	582.45	0.46	0.08
MH-2518	583.59	582.64	(N/A)	(N/A)	582.21	0.06	0.02
MH-5507	583.6	(N/A)	(N/A)	(N/A)	582.65	0.06	0.03
MH-6706	583.6	582.32	(N/A)	(N/A)	582.32	4.2	0.16
MH-5818	583.62	581.78	(N/A)	(N/A)	581.78	0.16	0.04
MH-1259	583.63	582.68	(N/A)	(N/A)	582.59	0.4	0.06
MH-243	583.64	581.37	582.65	(N/A)	581.37	0.3	0.05
MH-244	583.64	582.69	582.69	(N/A)	582.69	0.15	0.04
MH-332	583.66	582.71	582.45	582.71	582.43	0.61	0.09
MH-331	583.66	(N/A)	(N/A)	(N/A)	582.71	0.01	0.01
MH-2351	583.66	582.71	(N/A)	(N/A)	582.44	0.03	0.02
MH-3808	583.68	582.73	(N/A)	(N/A)	582.73	0.14	0.04
MH-6460	583.68	(N/A)	(N/A)	(N/A)	582.73	0.05	0.03
MH-1645	583.69	582.6	582.35	(N/A)	582.35	4.15	0.21
MH-3940	583.69	582.74	(N/A)	(N/A)	582.48	0.15	0.04
MH-1306	583.69	582.74	(N/A)	(N/A)	582.66	0.11	0.03
MH-4611	583.71	(N/A)	(N/A)	(N/A)	582.45	0.01	0.01
MH-5553	583.71	(N/A)	(N/A)	(N/A)	582.76	0.02	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-284	583.71	580.59	(N/A)	(N/A)	580.59	0.86	0.1
MH-283	583.71	582.76	580.65	(N/A)	580.59	0.85	0.1
MH-1202	583.72	582.77	(N/A)	(N/A)	582.74	0.13	0.03
MH-1536	583.74	582.79	(N/A)	(N/A)	582.65	0.07	0.02
MH-4982	583.74	582.69	(N/A)	(N/A)	582.69	0.12	0.03
MH-2024	583.75	(N/A)	(N/A)	(N/A)	582.8	0	0.03
MH-3407	583.75	(N/A)	(N/A)	(N/A)	582.8	0.01	0.02
MH-5333	583.75	582.8	(N/A)	(N/A)	582.8	0.15	0.04
MH-4056	583.76	582.81	(N/A)	(N/A)	582.58	0.05	0.02
MH-2427	583.77	581.09	(N/A)	(N/A)	581.09	1.02	0.11
MH-1487	583.77	582.82	(N/A)	(N/A)	582.69	0.97	0.1
MH-4080	583.78	582.83	(N/A)	(N/A)	582.6	0.07	0.02
MH-2154	583.78	582.45	(N/A)	(N/A)	582.45	0.31	0.06
MH-1258	583.78	582.83	(N/A)	(N/A)	582.74	0.4	0.06
MH-1201	583.78	582.83	(N/A)	(N/A)	582.81	0.12	0.03
MH-1748	583.8	582.85	(N/A)	(N/A)	582.85	0.03	0.02
MH-2350	583.81	582.86	(N/A)	(N/A)	582.84	0.02	0.01
MH-1305	583.81	582.86	(N/A)	(N/A)	582.81	0.09	0.03
MH-3406	583.82	582.79	(N/A)	(N/A)	582.79	0.04	0.03
MH-3394	583.83	(N/A)	(N/A)	(N/A)	582.67	0.01	0.01
MH-4947	583.83	582.88	(N/A)	(N/A)	581.41	0.48	0.07
MH-5360	583.83	582.88	(N/A)	(N/A)	582.48	0.59	0.08
MH-1075	583.84	582.89	(N/A)	(N/A)	582.87	0.12	0.03
MH-960	583.84	582.39	(N/A)	(N/A)	582.39	0.46	0.07
MH-1644	583.85	582.38	(N/A)	(N/A)	582.38	4.07	0.18
MH-1535	583.85	582.9	(N/A)	(N/A)	582.86	0.04	0.02
MH-2224	583.85	582.9	(N/A)	(N/A)	582.71	0.13	0.04
MH-1486	583.87	582.92	(N/A)	(N/A)	582.9	0.9	0.09
MH-5823	583.87	579.32	581.02	(N/A)	579.27	1.77	0.16
MH-1439	583.87	(N/A)	(N/A)	(N/A)	582.92	0.01	0.01
MH-5554	583.87	582.72	(N/A)	(N/A)	582.72	0.08	0.04
MH-118	583.88	(N/A)	(N/A)	(N/A)	582.93	0.01	0.01
MH-117	583.88	582.93	582.78	582.93	582.78	0.28	0.05
MH-1074	583.89	582.94	(N/A)	(N/A)	582.93	0.12	0.03
MH-959	583.89	582.94	582.39	(N/A)	582.36	0.57	0.08
MH-588	583.89	582.18	(N/A)	(N/A)	582.18	2.72	0.13
MH-587	583.89	582.39	582.18	(N/A)	581.78	34.02	0.52
MH-4135	583.9	582.95	(N/A)	(N/A)	582.61	0.09	0.03
MH-1749	583.91	582.78	(N/A)	(N/A)	582.78	0.04	0.02
MH-5213	583.92	582.97	(N/A)	(N/A)	582.39	0.55	0.07
MH-1399	583.92	582.9	(N/A)	(N/A)	582.9	0.07	0.02
MH-1440	583.92	582.91	(N/A)	(N/A)	582.91	0.01	0.02
MH-1009	583.93	582.85	582.44	(N/A)	582.19	2.71	0.15
MH-6448	583.93	582.91	582.8	(N/A)	582.74	2.5	0.14
MH-1008	583.93	582.86	(N/A)	(N/A)	582.86	2.55	0.14
MH-5461	583.94	582.73	(N/A)	(N/A)	582.73	0.09	0.04
MH-1626	583.95	583	(N/A)	(N/A)	582.98	0.03	0.02
MH-1594	583.96	583.01	(N/A)	(N/A)	582.84	0.59	0.08
MH-2226	583.96	583.01	(N/A)	(N/A)	582.94	0.34	0.06
MH-4615	583.97	582.95	(N/A)	(N/A)	582.95	2.35	0.16
MH-1200	583.99	583.04	(N/A)	(N/A)	583	0.12	0.03

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4461	583.99	583.04	(N/A)	(N/A)	582.62	0.35	0.06
MH-4888	584	582.68	(N/A)	(N/A)	582.68	0.1	0.05
MH-1856	584	583.05	(N/A)	(N/A)	583.03	0.88	0.09
MH-1169	584.03	583.08	(N/A)	(N/A)	582.99	0.1	0.03
MH-1871	584.04	582.5	(N/A)	(N/A)	582.5	0.31	0.06
MH-2056	584.05	583.1	(N/A)	(N/A)	583.1	0.32	0.06
MH-1986	584.05	583.1	(N/A)	(N/A)	582.96	0.03	0.01
MH-4410	584.07	583.12	(N/A)	(N/A)	582.72	0.06	0.02
MH-2084	584.08	582.65	582.88	(N/A)	582.4	4.05	0.2
MH-6359	584.08	(N/A)	(N/A)	(N/A)	582.28	0.04	0.02
MH-1199	584.1	583.15	(N/A)	(N/A)	583.09	0.11	0.03
MH-1572	584.1	583.15	(N/A)	(N/A)	582.96	0.39	0.06
MH-667	584.1	581.18	581.73	(N/A)	581.11	1	0.11
MH-2549	584.13	(N/A)	(N/A)	(N/A)	583.14	0.02	0.01
MH-1593	584.15	583.2	(N/A)	(N/A)	583.09	0.58	0.08
MH-1855	584.15	583.2	(N/A)	(N/A)	583.14	0.87	0.09
MH-5261	584.18	583.23	(N/A)	(N/A)	582.86	0.48	0.07
MH-2098	584.18	583.23	(N/A)	(N/A)	583.04	0.27	0.05
MH-2425	584.21	583.14	(N/A)	(N/A)	583.09	2.54	0.14
MH-1653	584.21	583.26	(N/A)	(N/A)	582.86	0.3	0.05
MH-1024	584.21	583.26	(N/A)	(N/A)	583.2	0.11	0.03
MH-2704	584.22	583.27	(N/A)	(N/A)	583.05	0.13	0.03
MH-4238	584.26	583.31	(N/A)	(N/A)	582.99	0.13	0.04
MH-4055	584.26	583.31	(N/A)	(N/A)	583.05	0.03	0.02
MH-5561	584.27	583.32	(N/A)	(N/A)	582.83	0.24	0.05
MH-1585	584.27	583.32	(N/A)	(N/A)	583.16	0.1	0.03
MH-1571	584.27	583.32	(N/A)	(N/A)	583.23	0.39	0.06
MH-228	584.27	(N/A)	(N/A)	(N/A)	583.32	0	0
MH-227	584.28	583.29	583.33	583.32	583.29	0.11	0.03
MH-1870	584.28	582.55	(N/A)	(N/A)	582.55	0.3	0.05
MH-2055	584.28	583.33	(N/A)	(N/A)	583.21	0.31	0.05
MH-952	584.31	(N/A)	(N/A)	(N/A)	583.34	0.01	0.01
MH-1608	584.32	583.37	(N/A)	(N/A)	583.28	0.57	0.07
MH-2728	584.33	580.86	(N/A)	(N/A)	580.86	0.38	0.06
MH-6536	584.34	(N/A)	(N/A)	(N/A)	583.39	0.03	0.02
MH-2235	584.35	582.99	(N/A)	(N/A)	582.99	3.93	0.15
MH-2773	584.38	583.43	(N/A)	(N/A)	583.36	0.8	0.09
MH-6253	584.39	582.63	(N/A)	(N/A)	582.63	0.58	0.07
MH-2243	584.4	581.76	(N/A)	(N/A)	581.76	0.93	0.1
MH-2712	584.41	(N/A)	(N/A)	(N/A)	583.25	0.02	0.01
MH-4582	584.41	(N/A)	(N/A)	(N/A)	583.15	0.01	0.01
MH-3091	584.44	583.49	(N/A)	(N/A)	583.2	0.06	0.02
MH-6015	584.44	583.49	(N/A)	(N/A)	583.49	0.1	0.03
MH-2581	584.44	583.49	(N/A)	(N/A)	583.1	0.02	0.01
MH-1652	584.44	583.49	(N/A)	(N/A)	583.34	0.29	0.05
MH-5332	584.45	583.5	(N/A)	(N/A)	583.19	0.1	0.03
MH-3515	584.47	583.52	(N/A)	(N/A)	583.52	0.08	0.04
MH-6458	584.48	(N/A)	(N/A)	(N/A)	583.53	0.04	0.03
MH-1431	584.5	583.55	(N/A)	(N/A)	583.4	0.09	0.03
MH-5201	584.51	583.56	(N/A)	(N/A)	583.27	0.57	0.07
MH-2263	584.52	583.57	(N/A)	(N/A)	583.48	0.3	0.05

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2272	584.52	583.57	583.57	(N/A)	583.57	0.54	0.07
MH-2580	584.58	(N/A)	(N/A)	(N/A)	583.63	0.01	0.01
MH-1844	584.59	583.64	(N/A)	(N/A)	583.45	0.38	0.06
MH-142	584.6	(N/A)	(N/A)	(N/A)	583.65	0	0.01
MH-141	584.6	583.65	583.53	583.65	583.27	2.52	0.13
MH-2787	584.6	583.65	(N/A)	(N/A)	583.43	0.12	0.03
MH-2727	584.61	583.66	580.79	(N/A)	580.79	0.51	0.08
MH-3292	584.63	583.68	583.68	(N/A)	583.34	0.27	0.05
MH-4273	584.65	(N/A)	(N/A)	(N/A)	583.7	0.01	0.01
MH-3003	584.66	583.71	(N/A)	(N/A)	583.71	0.08	0.03
MH-3914	584.66	581.28	(N/A)	(N/A)	581.28	0.21	0.04
MH-2266	584.68	583.48	583.28	(N/A)	583.03	3.91	0.17
MH-1894	584.69	583.74	(N/A)	(N/A)	583.59	0.28	0.05
MH-1430	584.71	583.76	(N/A)	(N/A)	583.62	0.09	0.03
MH-647	584.71	583.76	(N/A)	(N/A)	583.76	0.36	0.06
MH-648	584.72	583.77	583.76	(N/A)	583.33	0.52	0.07
MH-2262	584.73	583.78	(N/A)	(N/A)	583.69	0.28	0.05
MH-5039	584.74	583.59	(N/A)	(N/A)	583.59	0.09	0.03
MH-4261	584.74	583.79	(N/A)	(N/A)	583.79	0.3	0.05
MH-1333	584.75	583.8	(N/A)	(N/A)	583.43	0.26	0.05
MH-899	584.77	581.85	582.53	(N/A)	581.78	0.91	0.1
MH-1458	584.77	583.7	(N/A)	(N/A)	583.64	2.42	0.13
MH-5260	584.78	(N/A)	(N/A)	(N/A)	583.59	0.37	0.06
MH-1843	584.79	583.84	(N/A)	(N/A)	583.73	0.37	0.06
MH-2271	584.81	583.86	(N/A)	(N/A)	583.69	0.45	0.07
MH-4357	584.83	(N/A)	(N/A)	(N/A)	583.47	0.01	0.01
MH-3090	584.83	(N/A)	(N/A)	(N/A)	583.66	0.03	0.02
MH-6390	584.83	(N/A)	(N/A)	(N/A)	582.62	0.04	0.02
MH-4194	584.84	583.89	(N/A)	(N/A)	583.41	0.04	0.02
MH-4830	584.87	583.92	(N/A)	(N/A)	583.75	0.66	0.08
MH-4946	584.88	(N/A)	(N/A)	(N/A)	583.2	0.43	0.06
MH-3514	584.9	(N/A)	(N/A)	(N/A)	583.72	0.03	0.02
MH-6483	584.9	(N/A)	(N/A)	(N/A)	583.95	0.04	0.03
MH-1203	584.91	582.56	(N/A)	(N/A)	582.56	0.84	0.1
MH-6091	584.91	(N/A)	(N/A)	(N/A)	583.96	0.03	0.02
MH-2488	584.92	583.97	(N/A)	(N/A)	583.79	0.1	0.03
MH-1457	584.93	583.86	(N/A)	(N/A)	583.77	2.41	0.13
MH-1332	584.94	583.99	(N/A)	(N/A)	583.87	0.25	0.05
MH-5062	584.94	(N/A)	(N/A)	(N/A)	583.64	0.1	0.03
MH-2265	584.96	583.59	(N/A)	(N/A)	583.59	3.87	0.15
MH-745	584.97	583.33	581.14	(N/A)	581.11	0.74	0.1
MH-746	584.98	581.07	(N/A)	(N/A)	581.07	0.76	0.1
MH-3367	584.99	583.97	(N/A)	(N/A)	583.23	2.31	0.14
MH-4274	584.99	583.67	(N/A)	(N/A)	583.67	0.03	0.02
MH-2324	585.01	584.06	(N/A)	(N/A)	583.91	0.27	0.05
MH-507	585.01	583.4	584.06	(N/A)	583	0.82	0.09
MH-4260	585.06	583.67	(N/A)	(N/A)	583.67	0.32	0.06
MH-3291	585.06	584.11	(N/A)	(N/A)	583.9	0.09	0.03
MH-3170	585.07	584.12	(N/A)	(N/A)	583.88	0.07	0.03
MH-1321	585.09	584.13	(N/A)	(N/A)	583.73	0.21	0.04
MH-3366	585.1	584.08	(N/A)	(N/A)	584.08	2.23	0.14

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5581	585.11	584.16	(N/A)	(N/A)	583.25	0.1	0.03
MH-4358	585.12	(N/A)	(N/A)	(N/A)	583.93	0.11	0.03
MH-2853	585.16	584.21	(N/A)	(N/A)	583.92	0.08	0.03
MH-4471	585.17	(N/A)	(N/A)	(N/A)	583.93	0.16	0.04
MH-4102	585.2	584.25	(N/A)	(N/A)	584.01	0.35	0.06
MH-5877	585.21	584.26	583.6	(N/A)	583.6	0.37	0.06
MH-5533	585.23	(N/A)	(N/A)	(N/A)	584.28	0.05	0.03
MH-1839	585.24	584.17	(N/A)	(N/A)	583.97	2.4	0.13
MH-305	585.26	584.31	(N/A)	(N/A)	584.31	0.14	0.04
MH-306	585.26	584.3	583.93	(N/A)	583.93	0.2	0.04
MH-2323	585.26	584.31	(N/A)	(N/A)	584.18	0.25	0.05
MH-1320	585.26	584.18	(N/A)	(N/A)	584.18	0.19	0.04
MH-823	585.28	583.61	(N/A)	(N/A)	583.61	3.84	0.19
MH-6368	585.29	(N/A)	(N/A)	(N/A)	583.59	0.03	0.02
MH-822	585.3	584.1	583.86	(N/A)	583.61	3.83	0.19
MH-5321	585.3	584.35	(N/A)	(N/A)	584.18	0.15	0.04
MH-5202	585.31	584.36	(N/A)	(N/A)	583.91	0.56	0.07
MH-2479	585.32	584.37	(N/A)	(N/A)	584.13	0.24	0.05
MH-6461	585.32	582.65	583.36	(N/A)	582.58	0.81	0.1
MH-6407	585.33	(N/A)	(N/A)	(N/A)	584.38	0.05	0.03
MH-5207	585.34	584.39	584.36	(N/A)	584.32	2.2	0.13
MH-841	585.37	584.37	(N/A)	(N/A)	583.92	0.29	0.05
MH-4578	585.38	584.43	(N/A)	(N/A)	584.26	0.09	0.03
MH-840	585.39	584.44	584.44	(N/A)	584.44	0.28	0.05
MH-4799	585.41	584.46	(N/A)	(N/A)	583.93	0.07	0.02
MH-3385	585.43	584.48	(N/A)	(N/A)	584.31	0.09	0.03
MH-4266	585.46	584.51	(N/A)	(N/A)	584.23	0.56	0.07
MH-5173	585.46	583.51	(N/A)	(N/A)	583.51	0.35	0.06
MH-4193	585.46	(N/A)	(N/A)	(N/A)	584.14	0.01	0.01
MH-1392	585.47	584.52	(N/A)	(N/A)	584.5	0.04	0.02
MH-502	585.49	584.54	584.42	(N/A)	584.27	2.39	0.13
MH-501	585.5	584.42	(N/A)	(N/A)	584.42	2.33	0.13
MH-3741	585.52	584.57	(N/A)	(N/A)	584.04	0.27	0.05
MH-5156	585.52	583.63	(N/A)	(N/A)	583.63	0.07	0.04
MH-5139	585.52	584.57	(N/A)	(N/A)	584.02	0.11	0.03
MH-6433	585.55	(N/A)	(N/A)	(N/A)	584.6	0.04	0.03
MH-4345	585.56	584.61	(N/A)	(N/A)	584.17	0.43	0.06
MH-2136	585.56	584.21	(N/A)	(N/A)	584.21	3.78	0.15
MH-3814	585.59	(N/A)	(N/A)	(N/A)	584.64	0.13	0.03
MH-2289	585.64	584.69	(N/A)	(N/A)	584.47	0.22	0.05
MH-2478	585.67	584.72	(N/A)	(N/A)	584.51	0.23	0.05
MH-4228	585.68	584.73	(N/A)	(N/A)	584.37	0.06	0.02
MH-3894	585.69	584.74	(N/A)	(N/A)	584.74	0.06	0.02
MH-678	585.71	(N/A)	(N/A)	(N/A)	584.76	0.01	0.01
MH-677	585.72	584.24	584.77	584.76	584.24	0.17	0.04
MH-2917	585.73	584.78	(N/A)	(N/A)	584.42	0.08	0.03
MH-995	585.75	584.22	(N/A)	(N/A)	584.22	0.21	0.04
MH-951	585.76	584.78	(N/A)	(N/A)	583.09	1.92	0.13
MH-122	585.78	(N/A)	(N/A)	(N/A)	584.83	0	0.01
MH-121	585.78	584.83	584.83	583.35	583.32	0.53	0.08
MH-6014	585.8	(N/A)	(N/A)	(N/A)	584.02	0.04	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-950	585.8	584.83	584.82	(N/A)	584.8	1.79	0.13
MH-1433	585.83	584.88	(N/A)	(N/A)	584.75	0.25	0.05
MH-6446	585.83	583.44	583.44	(N/A)	583.44	0.52	0.08
MH-834	585.83	583.28	(N/A)	(N/A)	583.28	0.55	0.07
MH-2332	585.88	584.68	584.51	(N/A)	584.26	3.75	0.15
MH-2840	585.89	(N/A)	(N/A)	(N/A)	584.68	0.03	0.02
MH-6447	585.91	(N/A)	(N/A)	(N/A)	584.96	0.04	0.03
MH-2288	585.91	584.96	(N/A)	(N/A)	584.81	0.18	0.04
MH-3824	585.91	584.96	(N/A)	(N/A)	584.66	0.23	0.05
MH-1432	585.92	584.97	(N/A)	(N/A)	584.95	0.23	0.05
MH-4976	585.95	585	(N/A)	(N/A)	584.6	0.32	0.06
MH-3952	585.99	585.04	(N/A)	(N/A)	584.76	0.43	0.06
MH-6716	586	585.05	(N/A)	(N/A)	584.76	0.13	0.03
MH-4513	586.01	585.06	(N/A)	(N/A)	584.78	0.07	0.03
MH-3987	586.02	585.07	(N/A)	(N/A)	584.98	0.05	0.02
MH-4200	586.03	585.08	(N/A)	(N/A)	584.79	0.06	0.02
MH-4454	586.06	584.44	585.11	(N/A)	583.55	31.28	0.38
MH-4324	586.08	585.13	(N/A)	(N/A)	584.73	0.11	0.03
MH-358	586.09	585.02	(N/A)	(N/A)	584.53	2.33	0.13
MH-357	586.1	585.15	585.02	(N/A)	585.02	2.32	0.16
MH-4798	586.1	(N/A)	(N/A)	(N/A)	584.77	0.03	0.02
MH-3815	586.1	584.44	(N/A)	(N/A)	584.44	0.18	0.04
MH-6338	586.11	(N/A)	(N/A)	(N/A)	585.16	0.05	0.03
MH-1628	586.11	585.16	(N/A)	(N/A)	584.79	0.25	0.05
MH-3197	586.12	585.17	(N/A)	(N/A)	584.9	0.22	0.04
MH-591	586.13	584.21	583.44	(N/A)	583.41	0.73	0.1
MH-2554	586.15	585.2	(N/A)	(N/A)	584.95	0.07	0.02
MH-1755	586.16	584.8	(N/A)	(N/A)	584.8	3.69	0.15
MH-4344	586.2	585.25	(N/A)	(N/A)	584.87	0.39	0.06
MH-1329	586.23	585.28	(N/A)	(N/A)	585.23	0.07	0.03
MH-2117	586.25	585.3	(N/A)	(N/A)	584.85	0.54	0.07
MH-4627	586.25	585.3	(N/A)	(N/A)	585.28	0.61	0.09
MH-5580	586.27	(N/A)	(N/A)	(N/A)	584.59	0.02	0.01
MH-2865	586.27	585.2	(N/A)	(N/A)	585.19	2.25	0.13
MH-2185	586.27	585.32	(N/A)	(N/A)	585.11	0.15	0.04
MH-3188	586.28	585.33	(N/A)	(N/A)	584.46	0.36	0.06
MH-1328	586.29	585.34	(N/A)	(N/A)	585.34	0.07	0.02
MH-4321	586.32	584.7	585.37	(N/A)	584.53	31.17	0.38
MH-1627	586.32	585.32	(N/A)	(N/A)	585.25	0.25	0.05
MH-2730	586.36	585.41	(N/A)	(N/A)	585.41	0.13	0.03
MH-1020	586.37	584.84	(N/A)	(N/A)	584.84	3.67	0.15
MH-5138	586.38	585.43	(N/A)	(N/A)	584.92	0.07	0.03
MH-4199	586.41	(N/A)	(N/A)	(N/A)	585.33	0.02	0.01
MH-1019	586.43	585.09	585.23	(N/A)	584.84	3.66	0.17
MH-1453	586.45	585.5	(N/A)	(N/A)	585.47	0.06	0.02
MH-2116	586.45	585.5	585.5	(N/A)	585.41	0.52	0.07
MH-119	586.46	585.51	585.44	585.18	584.82	1.9	0.13
MH-120	586.46	(N/A)	(N/A)	(N/A)	585.51	0.02	0.02
MH-5551	586.48	585.53	(N/A)	(N/A)	585.39	0.23	0.05
MH-3951	586.49	585.54	(N/A)	(N/A)	585.28	0.33	0.06
MH-4208	586.49	583.6	(N/A)	(N/A)	583.6	0.39	0.06

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Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1023	586.5	585.3	(N/A)	(N/A)	585.26	3.61	0.14
MH-250	586.5	585.55	(N/A)	(N/A)	585.34	0.06	0.02
MH-2306	586.51	585.28	585.56	(N/A)	585.16	0.17	0.04
MH-6834	586.51	585.56	(N/A)	(N/A)	585.54	0.76	0.1
MH-4809	586.51	585.56	(N/A)	(N/A)	585.4	0.03	0.02
MH-5504	586.53	585.58	(N/A)	(N/A)	585.58	0.07	0.03
MH-5936	586.54	585.59	(N/A)	(N/A)	585.59	0.04	0.02
MH-4512	586.55	585.6	(N/A)	(N/A)	585.34	0.04	0.02
MH-4964	586.56	585.61	(N/A)	(N/A)	585.09	0.04	0.02
MH-1794	586.56	585.61	(N/A)	(N/A)	585.44	0.11	0.03
MH-2295	586.57	585.62	(N/A)	(N/A)	585.62	0.13	0.03
MH-4320	586.58	585.63	585.08	585.38	584.79	31.06	0.38
MH-139	586.59	585.51	585.64	(N/A)	585.51	0.14	0.04
MH-140	586.59	(N/A)	(N/A)	(N/A)	585.64	0	0.01
MH-1444	586.59	585.64	(N/A)	(N/A)	585.64	0.06	0.02
MH-4323	586.61	585.66	(N/A)	(N/A)	585.39	0.08	0.03
MH-110	586.61	585.39	(N/A)	(N/A)	585.39	0.24	0.05
MH-109	586.61	585.66	585.39	(N/A)	585.39	0.24	0.05
MH-1452	586.61	585.66	(N/A)	(N/A)	585.57	0.06	0.02
MH-2305	586.63	585.68	(N/A)	(N/A)	585.68	0.03	0.02
MH-5917	586.64	(N/A)	(N/A)	(N/A)	585.69	0.03	0.02
MH-3694	586.66	585.71	(N/A)	(N/A)	585.32	0.28	0.05
MH-2514	586.7	585.75	(N/A)	(N/A)	585.64	0.09	0.03
MH-5274	586.71	585.76	(N/A)	(N/A)	585.76	0.95	0.1
MH-1667	586.71	585.76	(N/A)	(N/A)	585.75	0.05	0.02
MH-146	586.71	585.69	(N/A)	(N/A)	585.69	0.13	0.03
MH-145	586.71	585.76	585.69	(N/A)	585.41	0.2	0.04
MH-6451	586.71	(N/A)	(N/A)	(N/A)	585.76	0.03	0.03
MH-3187	586.72	585.77	(N/A)	(N/A)	585.51	0.34	0.06
MH-1926	586.74	585.79	(N/A)	(N/A)	585.79	0.13	0.03
MH-6562	586.74	585.79	(N/A)	(N/A)	585.79	0.68	0.08
MH-491	586.76	585.81	(N/A)	(N/A)	585.31	0.2	0.04
MH-1443	586.76	585.81	(N/A)	(N/A)	585.71	0.05	0.02
MH-1587	586.78	585.83	(N/A)	(N/A)	585.83	0.07	0.03
MH-316	586.8	585.67	(N/A)	(N/A)	585.4	2.23	0.13
MH-315	586.8	585.85	585.67	(N/A)	585.67	2.23	0.13
MH-3593	586.8	585.85	(N/A)	(N/A)	585.85	0.08	0.04
MH-1312	586.8	585.85	(N/A)	(N/A)	585.7	0.09	0.03
MH-6408	586.82	584.78	584.3	(N/A)	584.28	0.64	0.09
MH-3571	586.84	585.83	(N/A)	(N/A)	585.83	0.09	0.04
MH-2880	586.86	585.66	(N/A)	(N/A)	585.46	3.59	0.14
MH-3953	586.88	(N/A)	(N/A)	(N/A)	585.65	0.11	0.03
MH-3964	586.89	585.94	(N/A)	(N/A)	585.53	0.34	0.06
MH-4808	586.91	(N/A)	(N/A)	(N/A)	585.87	0.02	0.01
MH-3528	586.92	585.97	(N/A)	(N/A)	585.97	0.06	0.02
MH-886	586.94	(N/A)	(N/A)	(N/A)	585.99	0.01	0.02
MH-2267	586.94	585.99	(N/A)	(N/A)	585.88	0.04	0.02
MH-1311	586.96	586.01	(N/A)	(N/A)	585.91	0.07	0.03
MH-885	586.96	586.01	583.71	585.99	583.71	0.34	0.06
MH-1654	586.97	586.02	(N/A)	(N/A)	585.9	0.05	0.02
MH-1586	586.98	586.03	(N/A)	(N/A)	585.91	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4626	586.98	586.03	586.03	(N/A)	585.6	0.56	0.07
MH-942	586.98	583.71	(N/A)	(N/A)	583.71	0.37	0.06
MH-1450	586.99	586.04	(N/A)	(N/A)	585.92	0.05	0.02
MH-1881	587.02	586.07	(N/A)	(N/A)	585.8	0.11	0.03
MH-4171	587.03	586.08	(N/A)	(N/A)	585.78	0.23	0.05
MH-3346	587.04	(N/A)	(N/A)	(N/A)	585.87	0.02	0.01
MH-3527	587.06	586.11	(N/A)	(N/A)	586.11	0.05	0.02
MH-5763	587.07	586.12	(N/A)	(N/A)	585.7	0.74	0.08
MH-4605	587.07	(N/A)	(N/A)	(N/A)	585.89	0.02	0.01
MH-3411	587.09	586.14	(N/A)	(N/A)	585.85	0.1	0.03
MH-5273	587.11	586.16	(N/A)	(N/A)	586.12	0.9	0.09
MH-3693	587.12	585.92	(N/A)	(N/A)	585.92	0.26	0.05
MH-5620	587.13	586.18	(N/A)	(N/A)	586.18	0.45	0.07
MH-1449	587.13	586.18	(N/A)	(N/A)	586.12	0.04	0.02
MH-2088	587.15	586.2	(N/A)	(N/A)	585.95	0.12	0.03
MH-3475	587.16	(N/A)	(N/A)	(N/A)	586.19	0.02	0.01
MH-1721	587.19	586.24	(N/A)	(N/A)	586.11	0.04	0.02
MH-1266	587.19	586.24	(N/A)	(N/A)	586.1	0.05	0.02
MH-5044	587.19	585.99	(N/A)	(N/A)	585.8	3.21	0.14
MH-6050	587.21	(N/A)	(N/A)	(N/A)	585.32	0.11	0.03
MH-4092	587.21	(N/A)	(N/A)	(N/A)	586.26	0.03	0.02
MH-1265	587.22	(N/A)	(N/A)	(N/A)	586.27	0.01	0.01
MH-766	587.24	585.68	(N/A)	(N/A)	585.68	2.18	0.16
MH-1146	587.24	586.29	(N/A)	(N/A)	586.26	0.04	0.02
MH-765	587.25	586.18	585.81	(N/A)	585.68	2.18	0.16
MH-2104	587.26	586.31	(N/A)	(N/A)	586.14	0.05	0.02
MH-1869	587.27	586.32	(N/A)	(N/A)	586.17	0.1	0.03
MH-5047	587.29	(N/A)	(N/A)	(N/A)	586	0.06	0.02
MH-1145	587.29	586.34	(N/A)	(N/A)	586.34	0.03	0.02
MH-4221	587.31	586.36	(N/A)	(N/A)	586	0.05	0.02
MH-5623	587.32	586.37	(N/A)	(N/A)	586.07	0.14	0.04
MH-867	587.32	585.45	(N/A)	(N/A)	585.45	0.07	0.03
MH-2891	587.33	586.38	(N/A)	(N/A)	586.02	0.33	0.06
MH-3627	587.34	586.39	(N/A)	(N/A)	586.39	0.1	0.05
MH-3558	587.34	586.39	(N/A)	(N/A)	585.93	0.03	0.02
MH-6484	587.36	586.29	(N/A)	(N/A)	586.29	3.01	0.15
MH-5935	587.37	(N/A)	(N/A)	(N/A)	586.09	0.02	0.01
MH-1246	587.37	586.42	(N/A)	(N/A)	586.4	0.03	0.02
MH-5532	587.38	586.43	(N/A)	(N/A)	585.84	0.04	0.02
MH-3326	587.42	586.47	(N/A)	(N/A)	586.47	0.09	0.03
MH-5559	587.42	586.47	(N/A)	(N/A)	586.47	0.04	0.02
MH-2087	587.42	586.47	(N/A)	(N/A)	586.31	0.12	0.03
MH-3293	587.42	586.37	(N/A)	(N/A)	586.37	0.11	0.05
MH-1540	587.45	586.22	(N/A)	(N/A)	586.22	2.09	0.12
MH-4302	587.46	586.51	(N/A)	(N/A)	585.95	0.42	0.06
MH-777	587.47	584.87	585.6	(N/A)	584.85	0.55	0.08
MH-3135	587.47	586.17	(N/A)	(N/A)	586.17	0.32	0.05
MH-4160	587.47	586.52	(N/A)	(N/A)	586.52	0.18	0.04
MH-5591	587.47	586.52	(N/A)	(N/A)	586.52	0.03	0.02
MH-6104	587.47	586.52	(N/A)	(N/A)	586.52	0.27	0.05
MH-1248	587.5	(N/A)	(N/A)	(N/A)	586.48	0.03	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1868	587.52	586.57	(N/A)	(N/A)	586.42	0.09	0.03
MH-3325	587.55	586.6	(N/A)	(N/A)	586.6	0.07	0.03
MH-1650	587.57	586.62	(N/A)	(N/A)	586.62	0.13	0.03
MH-4856	587.6	(N/A)	(N/A)	(N/A)	586.65	0.04	0.03
MH-1780	587.6	(N/A)	(N/A)	(N/A)	586.65	0.01	0.02
MH-2682	587.6	586.65	(N/A)	(N/A)	586.35	0.09	0.03
MH-5590	587.6	(N/A)	(N/A)	(N/A)	586.65	0.02	0.01
MH-973	587.6	586.43	586.63	(N/A)	586.43	2.97	0.15
MH-1781	587.61	586.64	(N/A)	(N/A)	586.25	0.03	0.02
MH-3124	587.63	586.68	(N/A)	(N/A)	586.42	0.04	0.02
MH-1242	587.64	586.35	586.57	(N/A)	586.23	2.08	0.15
MH-1651	587.65	586.45	(N/A)	(N/A)	586.45	0.15	0.04
MH-5300	587.66	586.62	(N/A)	(N/A)	586.02	0.16	0.04
MH-5773	587.71	586.76	(N/A)	(N/A)	586.02	0.48	0.07
MH-3484	587.72	586.77	(N/A)	(N/A)	586.77	0.05	0.02
MH-2015	587.72	586.77	(N/A)	(N/A)	586.49	0.05	0.02
MH-5864	587.72	586.77	(N/A)	(N/A)	586.77	0.25	0.05
MH-2890	587.73	586.78	(N/A)	(N/A)	586.54	0.32	0.06
MH-1910	587.74	586.79	(N/A)	(N/A)	586.6	0.11	0.03
MH-6711	587.75	586.24	(N/A)	(N/A)	586.24	0.19	0.04
MH-1241	587.77	586.7	(N/A)	(N/A)	586.63	1.96	0.12
MH-2809	587.79	586.72	(N/A)	(N/A)	586.72	2.14	0.12
MH-3557	587.85	586.9	(N/A)	(N/A)	586.6	0.02	0.01
MH-3483	587.85	(N/A)	(N/A)	(N/A)	586.9	0.04	0.02
MH-5205	587.89	(N/A)	(N/A)	(N/A)	586.44	0.13	0.03
MH-3134	587.9	586.29	(N/A)	(N/A)	586.29	0.31	0.05
MH-4857	587.9	586.61	(N/A)	(N/A)	585.24	0.1	0.03
MH-4159	587.92	(N/A)	(N/A)	(N/A)	586.76	0.14	0.04
MH-3925	587.92	586.97	(N/A)	(N/A)	586.97	0.12	0.03
MH-2808	587.95	587	586.88	(N/A)	586.87	2.09	0.12
MH-6712	587.96	586.04	(N/A)	(N/A)	586.04	0.2	0.04
MH-4341	587.96	(N/A)	(N/A)	(N/A)	586.63	0.01	0.01
MH-2681	587.97	587.02	(N/A)	(N/A)	586.8	0.08	0.03
MH-2014	587.99	587.04	(N/A)	(N/A)	586.88	0.04	0.02
MH-2417	587.99	587.04	(N/A)	(N/A)	586.75	0.08	0.03
MH-1824	587.99	587.04	(N/A)	(N/A)	586.89	0.11	0.03
MH-5317	588.01	586.25	(N/A)	(N/A)	586.25	0.23	0.05
MH-5045	588.01	586.81	587.06	(N/A)	586.33	3.14	0.13
MH-5744	588.02	587.07	(N/A)	(N/A)	586.61	0.83	0.09
MH-2187	588.04	587.09	586.77	(N/A)	586.77	0.4	0.06
MH-1643	588.04	586.97	587.09	(N/A)	586.81	1.96	0.12
MH-5991	588.06	(N/A)	(N/A)	(N/A)	586.53	0.09	0.03
MH-441	588.06	585.68	585.68	(N/A)	585.68	0.46	0.08
MH-3665	588.1	587.15	(N/A)	(N/A)	586.48	0.08	0.03
MH-2994	588.17	(N/A)	(N/A)	(N/A)	587.22	0.13	0.03
MH-3718	588.18	587.23	(N/A)	(N/A)	586.83	0.12	0.03
MH-4543	588.18	587.23	(N/A)	(N/A)	586.6	0.34	0.06
MH-5762	588.2	587.25	(N/A)	(N/A)	586.57	0.71	0.08
MH-2357	588.21	587.26	(N/A)	(N/A)	586.91	0.03	0.02
MH-5973	588.21	587.26	(N/A)	(N/A)	585.21	0.28	0.05
MH-1233	588.22	587.27	587.27	(N/A)	587.22	0.23	0.05

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1378	588.23	587.28	(N/A)	(N/A)	587.13	0.1	0.03
MH-3432	588.23	587.03	587.26	(N/A)	587.01	0.81	0.09
MH-1232	588.29	587.34	(N/A)	(N/A)	587.32	0.16	0.04
MH-5599	588.29	587.34	(N/A)	(N/A)	587.34	0.19	0.04
MH-2200	588.3	587.35	(N/A)	(N/A)	587.16	0.03	0.02
MH-4444	588.3	587.23	(N/A)	(N/A)	587.16	1.84	0.11
MH-2186	588.31	587.36	(N/A)	(N/A)	587.21	0.12	0.03
MH-1673	588.31	587.36	(N/A)	(N/A)	587.17	0.07	0.03
MH-4424	588.35	587.4	(N/A)	(N/A)	587.4	0.05	0.02
MH-1377	588.39	587.44	(N/A)	(N/A)	587.34	0.1	0.03
MH-2342	588.41	587.34	(N/A)	(N/A)	587.11	1.89	0.12
MH-3892	588.42	587.22	(N/A)	(N/A)	586.36	3.52	0.14
MH-618	588.43	587.45	587.48	(N/A)	587.45	0.15	0.04
MH-617	588.43	587.48	(N/A)	(N/A)	587.48	0.08	0.03
MH-3153	588.45	587.5	(N/A)	(N/A)	587.21	0.07	0.03
MH-3288	588.46	(N/A)	(N/A)	(N/A)	587.51	0.06	0.04
MH-3924	588.47	587.52	(N/A)	(N/A)	587.2	0.07	0.03
MH-6699	588.5	587.55	(N/A)	(N/A)	587.43	0.06	0.02
MH-3651	588.51	587.56	(N/A)	(N/A)	587.1	0.31	0.05
MH-1963	588.52	586.41	(N/A)	(N/A)	586.41	0.3	0.05
MH-2356	588.52	587.57	(N/A)	(N/A)	587.39	0.02	0.01
MH-1672	588.53	587.58	(N/A)	(N/A)	587.45	0.06	0.02
MH-2528	588.53	587.47	587.55	(N/A)	587.45	0.74	0.08
MH-4124	588.53	587.58	(N/A)	(N/A)	587.54	0.06	0.02
MH-3289	588.54	587.5	(N/A)	(N/A)	587.5	0.07	0.04
MH-2995	588.56	587.06	587.61	(N/A)	587.06	0.27	0.05
MH-2199	588.59	587.64	(N/A)	(N/A)	587.47	0.02	0.01
MH-664	588.6	587.64	(N/A)	(N/A)	587.54	0.07	0.03
MH-663	588.6	587.65	(N/A)	(N/A)	587.65	0.06	0.03
MH-4423	588.62	(N/A)	(N/A)	(N/A)	587.67	0.01	0.01
MH-2842	588.64	587.69	(N/A)	(N/A)	587.36	0.05	0.02
MH-6356	588.65	(N/A)	(N/A)	(N/A)	587.7	0.04	0.03
MH-3218	588.65	(N/A)	(N/A)	(N/A)	587.22	0.01	0.01
MH-1467	588.66	587.71	(N/A)	(N/A)	587.55	0.1	0.03
MH-5678	588.66	587.31	(N/A)	(N/A)	587.31	2.97	0.13
MH-4521	588.67	587.6	(N/A)	(N/A)	587.51	1.82	0.11
MH-5827	588.68	587.73	(N/A)	(N/A)	587.73	0.15	0.04
MH-5988	588.69	587.27	587.74	(N/A)	587.27	0.76	0.09
MH-4388	588.71	587.76	(N/A)	(N/A)	587.75	0.06	0.02
MH-1874	588.74	587.66	(N/A)	(N/A)	587.66	0.66	0.08
MH-256	588.74	587.5	(N/A)	(N/A)	587.46	1.87	0.12
MH-255	588.75	587.67	587.8	587.62	587.5	1.87	0.12
MH-1124	588.77	587.82	(N/A)	(N/A)	587.68	0.06	0.02
MH-1962	588.78	586.46	(N/A)	(N/A)	586.46	0.29	0.05
MH-4574	588.78	(N/A)	(N/A)	(N/A)	587	0.02	0.01
MH-179	588.79	(N/A)	(N/A)	(N/A)	587.84	0	0.08
MH-180	588.79	587.84	587.84	(N/A)	587.84	0.09	0.08
MH-604	588.79	585.95	587.84	(N/A)	585.95	0.4	0.06
MH-3553	588.79	(N/A)	(N/A)	(N/A)	587.84	0.02	0.02
MH-3775	588.79	(N/A)	(N/A)	(N/A)	587.58	0.1	0.03
MH-4724	588.83	(N/A)	(N/A)	(N/A)	587.83	0.05	0.02

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Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1466	588.83	587.88	(N/A)	(N/A)	587.78	0.1	0.03
MH-5772	588.84	587.89	(N/A)	(N/A)	587.21	0.44	0.06
MH-4145	588.85	587.9	(N/A)	(N/A)	587.47	0.09	0.03
MH-700	588.85	587.66	(N/A)	(N/A)	587.66	0.07	0.04
MH-4123	588.85	587.9	(N/A)	(N/A)	587.83	0.05	0.02
MH-2279	588.86	586.52	(N/A)	(N/A)	586.52	0.28	0.05
MH-1123	588.87	587.92	(N/A)	(N/A)	587.87	0.05	0.02
MH-890	588.88	587.68	(N/A)	(N/A)	587.68	0.64	0.09
MH-4542	588.88	587.93	(N/A)	(N/A)	587.51	0.3	0.05
MH-1343	588.89	587.94	(N/A)	(N/A)	587.68	0.06	0.02
MH-889	588.89	587.68	(N/A)	(N/A)	587.68	0.65	0.09
MH-2245	588.9	587.95	(N/A)	(N/A)	587.77	0.02	0.01
MH-6105	588.91	(N/A)	(N/A)	(N/A)	587.1	0.16	0.04
MH-3028	588.92	587.82	587.97	(N/A)	587.82	0.55	0.1
MH-5679	588.92	587.72	(N/A)	(N/A)	587.72	2.91	0.13
MH-2547	588.93	587.45	(N/A)	(N/A)	587.45	3.47	0.14
MH-2933	588.93	587.98	(N/A)	(N/A)	587.74	0.02	0.01
MH-1279	588.97	588.02	(N/A)	(N/A)	587.95	0.08	0.03
MH-6700	589	588.05	(N/A)	(N/A)	588.05	0.03	0.02
MH-6703	589	588.05	(N/A)	(N/A)	588.05	0.08	0.03
MH-1539	589.02	588.07	(N/A)	(N/A)	587.96	0.09	0.03
MH-2841	589.03	588.08	(N/A)	(N/A)	587.85	0.04	0.02
MH-5711	589.03	588.08	(N/A)	(N/A)	587.5	0.12	0.03
MH-1278	589.04	588.09	(N/A)	(N/A)	588.08	0.08	0.03
MH-1255	589.05	588.1	(N/A)	(N/A)	588	0.06	0.02
MH-3554	589.06	587.82	(N/A)	(N/A)	587.82	0.03	0.03
MH-2269	589.06	587.71	(N/A)	(N/A)	587.71	0.64	0.09
MH-4785	589.08	588.01	(N/A)	(N/A)	587.91	1.81	0.11
MH-5430	589.09	588.14	(N/A)	(N/A)	588.14	0.08	0.03
MH-4547	589.11	588.05	(N/A)	(N/A)	588.05	1.08	0.09
MH-2106	589.11	588.09	(N/A)	(N/A)	588.09	1.06	0.12
MH-125	589.13	588.18	(N/A)	(N/A)	588.18	0.03	0.02
MH-126	589.13	588.18	588.18	(N/A)	587.81	0.29	0.05
MH-4196	589.13	588.18	(N/A)	(N/A)	588.09	0.05	0.02
MH-154	589.14	(N/A)	(N/A)	(N/A)	588.19	0	0.01
MH-153	589.14	587.95	588.07	588.19	587.83	1.77	0.11
MH-2107	589.15	(N/A)	(N/A)	(N/A)	588.03	0.05	0.02
MH-1930	589.16	588.21	(N/A)	(N/A)	588.19	0.07	0.03
MH-3216	589.18	588.23	588.23	(N/A)	588.15	0.44	0.06
MH-4468	589.18	587.79	(N/A)	(N/A)	587.79	0.05	0.04
MH-1254	589.19	588.24	(N/A)	(N/A)	588.15	0.05	0.02
MH-4501	589.2	(N/A)	(N/A)	(N/A)	587.88	0.09	0.03
MH-2244	589.2	(N/A)	(N/A)	(N/A)	588.07	0.01	0.01
MH-982	589.23	588.28	588.28	(N/A)	588.16	0.09	0.03
MH-2546	589.24	587.49	(N/A)	(N/A)	587.49	3.44	0.14
MH-808	589.26	587.76	588.22	(N/A)	587.74	0.63	0.09
MH-809	589.27	588.23	(N/A)	(N/A)	588.23	0.57	0.08
MH-981	589.28	(N/A)	(N/A)	(N/A)	588.3	0	0.01
MH-1826	589.29	588.34	(N/A)	(N/A)	588.33	0.07	0.02
MH-5135	589.3	588.35	(N/A)	(N/A)	588.25	0.03	0.02
MH-4898	589.3	588.35	(N/A)	(N/A)	588.24	0.05	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5598	589.31	588.36	(N/A)	(N/A)	587.76	0.1	0.03
MH-1610	589.32	588.37	(N/A)	(N/A)	588.37	0.06	0.04
MH-1783	589.34	(N/A)	(N/A)	(N/A)	588.33	0.02	0.01
MH-1609	589.34	588.39	(N/A)	(N/A)	588.39	0.05	0.03
MH-1710	589.35	588.36	(N/A)	(N/A)	588.36	0.06	0.04
MH-3198	589.35	588.4	(N/A)	(N/A)	588.4	0.09	0.03
MH-1769	589.36	588.41	(N/A)	(N/A)	588.41	0.05	0.03
MH-1711	589.37	588.35	(N/A)	(N/A)	588.35	0.07	0.04
MH-5739	589.38	588.43	(N/A)	(N/A)	587.72	0.66	0.08
MH-3316	589.39	(N/A)	(N/A)	(N/A)	588.17	0.01	0.01
MH-1674	589.4	(N/A)	(N/A)	(N/A)	588.33	0.05	0.02
MH-2105	589.4	588.39	(N/A)	(N/A)	588.21	1.05	0.09
MH-1825	589.41	588.46	(N/A)	(N/A)	588.43	0.06	0.02
MH-2067	589.42	588.35	(N/A)	(N/A)	588.18	1.67	0.11
MH-1207	589.44	588.44	588.49	(N/A)	588.44	0.33	0.06
MH-1206	589.44	588.49	(N/A)	(N/A)	588.49	0.08	0.03
MH-4195	589.45	588.5	(N/A)	(N/A)	588.43	0.04	0.02
MH-3436	589.46	588.34	(N/A)	(N/A)	588.34	0.08	0.04
MH-2496	589.46	588.51	(N/A)	(N/A)	588.32	0.03	0.02
MH-1768	589.48	588.53	(N/A)	(N/A)	588.5	0.04	0.02
MH-3080	589.49	588.54	(N/A)	(N/A)	588.54	0.25	0.05
MH-3303	589.5	(N/A)	(N/A)	(N/A)	588.27	0.03	0.02
MH-6709	589.5	588.55	(N/A)	(N/A)	588.11	0.16	0.04
MH-5700	589.51	(N/A)	(N/A)	(N/A)	587.96	0.03	0.02
MH-4165	589.54	(N/A)	(N/A)	(N/A)	588.14	0.05	0.02
MH-1508	589.56	588.32	(N/A)	(N/A)	588.32	0.09	0.05
MH-2223	589.56	588.61	(N/A)	(N/A)	588.58	0.06	0.02
MH-4589	589.56	588.49	(N/A)	(N/A)	588.39	1.79	0.11
MH-3046	589.58	588.63	(N/A)	(N/A)	588.58	0.08	0.03
MH-4751	589.61	588.22	(N/A)	(N/A)	588.22	2.84	0.13
MH-1509	589.61	588.31	588.31	(N/A)	588.28	0.56	0.08
MH-2505	589.62	588.67	(N/A)	(N/A)	588.63	0.08	0.03
MH-5972	589.63	(N/A)	(N/A)	(N/A)	587.78	0.08	0.03
MH-6622	589.64	588.2	(N/A)	(N/A)	586.38	0.89	0.09
MH-4748	589.64	588.69	(N/A)	(N/A)	588.23	0.28	0.05
MH-5775	589.66	(N/A)	(N/A)	(N/A)	588.71	0.04	0.03
MH-2444	589.67	588.72	588.72	(N/A)	588.68	0.24	0.05
MH-2718	589.67	588.72	(N/A)	(N/A)	588.68	0.03	0.02
MH-2149	589.71	(N/A)	(N/A)	(N/A)	588.53	0.03	0.02
MH-4897	589.71	588.76	(N/A)	(N/A)	588.67	0.04	0.02
MH-2006	589.72	(N/A)	(N/A)	(N/A)	588.77	0.01	0.02
MH-2553	589.74	588.79	(N/A)	(N/A)	588.75	0.05	0.02
MH-712	589.75	587.65	587.7	(N/A)	587.52	3.41	0.19
MH-711	589.76	587.65	(N/A)	(N/A)	587.65	2.31	0.14
MH-3083	589.76	588.81	(N/A)	(N/A)	588.81	0.6	0.08
MH-3661	589.76	588.81	(N/A)	(N/A)	588.49	0.08	0.03
MH-2052	589.77	588.82	(N/A)	(N/A)	588.8	0.07	0.03
MH-2321	589.79	588.84	(N/A)	(N/A)	588.81	0.07	0.03
MH-4164	589.8	588.85	(N/A)	(N/A)	588.76	0.02	0.01
MH-4054	589.82	(N/A)	(N/A)	(N/A)	588.87	0.06	0.04
MH-4296	589.83	588.88	(N/A)	(N/A)	588.8	0.03	0.01

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-807	589.84	588.77	(N/A)	(N/A)	588.44	1.67	0.11
MH-2445	589.84	588.89	(N/A)	(N/A)	588.86	0.15	0.04
MH-2921	589.85	588.9	(N/A)	(N/A)	588.33	0.07	0.02
MH-806	589.85	588.9	588.78	(N/A)	588.78	1.66	0.13
MH-1544	589.87	588.76	(N/A)	(N/A)	588.76	0.02	0.02
MH-5013	589.87	588.92	588.22	(N/A)	587.4	23.88	0.33
MH-2849	589.88	(N/A)	(N/A)	(N/A)	588.88	0.02	0.01
MH-1742	589.88	588.93	(N/A)	(N/A)	588.93	0.06	0.02
MH-2148	589.89	588.87	588.69	(N/A)	588.62	3.78	0.2
MH-1545	589.9	588.76	(N/A)	(N/A)	588.76	0.03	0.03
MH-6707	589.9	(N/A)	(N/A)	(N/A)	588.95	0.03	0.02
MH-3010	589.9	588.95	588.95	(N/A)	588.71	0.23	0.05
MH-2793	589.92	588.85	(N/A)	(N/A)	588.78	1.78	0.11
MH-3082	589.93	588.98	(N/A)	(N/A)	588.98	0.57	0.07
MH-3423	589.94	(N/A)	(N/A)	(N/A)	588.71	0.02	0.01
MH-2320	589.97	589.02	(N/A)	(N/A)	588.96	0.06	0.02
MH-2920	589.97	589.02	(N/A)	(N/A)	589.02	0.06	0.02
MH-3488	589.98	588.67	(N/A)	(N/A)	588.67	0.08	0.04
MH-2714	589.98	589.03	(N/A)	(N/A)	588.96	0.07	0.02
MH-1649	590	589.05	(N/A)	(N/A)	589.03	0.06	0.02
MH-6701	590	589.05	(N/A)	(N/A)	589.05	0.04	0.03
MH-6710	590	589.05	(N/A)	(N/A)	588.82	0.12	0.03
MH-6702	590	589.01	(N/A)	(N/A)	589.01	0.05	0.02
MH-1971	590.01	588.84	(N/A)	(N/A)	588.84	0.08	0.04
MH-3805	590.01	(N/A)	(N/A)	(N/A)	589.06	0.05	0.03
MH-4082	590.02	589.07	(N/A)	(N/A)	589.07	0.2	0.04
MH-695	590.02	589.07	589.07	(N/A)	589.04	0.14	0.04
MH-3502	590.02	589.07	(N/A)	(N/A)	589.02	0.04	0.02
MH-222	590.03	588.82	587.66	(N/A)	587.66	2.31	0.17
MH-221	590.03	587.66	(N/A)	(N/A)	587.66	2.22	0.17
MH-3011	590.05	(N/A)	(N/A)	(N/A)	589.1	0.02	0.01
MH-1836	590.09	589.02	(N/A)	(N/A)	588.88	1.6	0.11
MH-4163	590.09	(N/A)	(N/A)	(N/A)	589.09	0.01	0.01
MH-1582	590.1	588.83	(N/A)	(N/A)	588.83	0.08	0.04
MH-2792	590.12	589.01	(N/A)	(N/A)	589.01	1.77	0.11
MH-1648	590.13	589.18	(N/A)	(N/A)	589.13	0.05	0.02
MH-1907	590.14	588.65	(N/A)	(N/A)	588.65	0.1	0.05
MH-4014	590.14	589.19	(N/A)	(N/A)	589.12	0.02	0.01
MH-4295	590.14	(N/A)	(N/A)	(N/A)	589.14	0.01	0.01
MH-2617	590.16	(N/A)	(N/A)	(N/A)	589.21	0.01	0.01
MH-2713	590.17	589.22	(N/A)	(N/A)	589.18	0.06	0.02
MH-3578	590.18	(N/A)	(N/A)	(N/A)	589.23	0.05	0.03
MH-1920	590.18	589.23	(N/A)	(N/A)	589.23	0.14	0.04
MH-2164	590.2	589.25	(N/A)	(N/A)	588.58	0.07	0.03
MH-6705	590.2	589.18	(N/A)	(N/A)	589.13	1.57	0.13
MH-2982	590.2	589.25	(N/A)	(N/A)	589.24	0.06	0.02
MH-5714	590.21	589.26	(N/A)	(N/A)	588.24	0.4	0.06
MH-1908	590.21	588.64	(N/A)	(N/A)	588.64	0.11	0.05
MH-4389	590.22	587.91	(N/A)	(N/A)	587.91	1.82	0.16
MH-3749	590.25	589.3	(N/A)	(N/A)	589.19	0.56	0.07
MH-6778	590.25	(N/A)	(N/A)	(N/A)	589.3	0.03	0.03

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2724	590.27	589.32	(N/A)	(N/A)	589.27	0.03	0.02
MH-261	590.28	588.47	589.33	(N/A)	588.47	0.44	0.07
MH-262	590.28	(N/A)	(N/A)	(N/A)	589.33	0.02	0.01
MH-785	590.28	588.97	(N/A)	(N/A)	588.97	0.15	0.04
MH-1732	590.28	587.67	(N/A)	(N/A)	587.67	2.22	0.17
MH-786	590.28	588.97	588.73	(N/A)	588.73	0.2	0.04
MH-5778	590.28	589.1	(N/A)	(N/A)	589.1	0.22	0.05
MH-2800	590.29	588.62	589.25	589.22	588.37	2.8	0.13
MH-3673	590.29	589.17	589.09	(N/A)	588.92	3.57	0.14
MH-309	590.3	(N/A)	(N/A)	(N/A)	589.35	0.01	0.01
MH-310	590.3	589.35	589.35	(N/A)	589.31	0.18	0.04
MH-986	590.3	589.23	(N/A)	(N/A)	589.23	1.75	0.11
MH-1919	590.31	589.36	(N/A)	(N/A)	589.33	0.12	0.03
MH-985	590.31	589.24	589.36	(N/A)	589.24	1.74	0.11
MH-2161	590.34	589.35	(N/A)	(N/A)	589.35	0.21	0.04
MH-1077	590.35	589.4	(N/A)	(N/A)	589.38	0.05	0.02
MH-3278	590.36	589.41	(N/A)	(N/A)	589.14	0.2	0.04
MH-5107	590.37	589.41	(N/A)	(N/A)	589.41	0.19	0.04
MH-5552	590.41	(N/A)	(N/A)	(N/A)	589.46	0.04	0.02
MH-4013	590.41	(N/A)	(N/A)	(N/A)	589.43	0.01	0.01
MH-5783	590.41	(N/A)	(N/A)	(N/A)	588.81	0.04	0.02
MH-1076	590.42	589.47	(N/A)	(N/A)	589.44	0.05	0.02
MH-2667	590.42	(N/A)	(N/A)	(N/A)	589.33	0.02	0.01
MH-2981	590.43	589.48	(N/A)	(N/A)	589.42	0.05	0.02
MH-2447	590.44	589.49	(N/A)	(N/A)	589.4	0.04	0.02
MH-2723	590.44	589.49	(N/A)	(N/A)	589.47	0.02	0.01
MH-2456	590.44	589.49	(N/A)	(N/A)	589.39	0.11	0.03
MH-525	590.46	588.55	589.51	(N/A)	588.55	0.39	0.07
MH-526	590.46	588.55	(N/A)	(N/A)	588.55	0.4	0.07
MH-4838	590.46	(N/A)	(N/A)	(N/A)	589.51	0.04	0.03
MH-2160	590.47	589.52	(N/A)	(N/A)	589.52	0.2	0.04
MH-2165	590.47	(N/A)	(N/A)	(N/A)	589.37	0.04	0.02
MH-3579	590.48	589.2	(N/A)	(N/A)	589.2	0.08	0.04
MH-1468	590.48	587.68	(N/A)	(N/A)	587.68	2.22	0.18
MH-2822	590.49	589.11	(N/A)	(N/A)	589.11	1.59	0.11
MH-6714	590.5	587.77	(N/A)	(N/A)	587.77	2.02	0.17
MH-230	590.52	(N/A)	(N/A)	(N/A)	589.57	0.02	0.01
MH-229	590.52	589.21	589.57	589.57	589.21	0.09	0.03
MH-1341	590.52	589.57	(N/A)	(N/A)	589.53	0.05	0.02
MH-6470	590.52	(N/A)	(N/A)	(N/A)	589.57	0.06	0.03
MH-698	590.52	589.45	589.57	(N/A)	589.45	1.65	0.11
MH-5012	590.52	589.54	589.57	(N/A)	589.29	0.49	0.07
MH-5335	590.52	589.5	(N/A)	(N/A)	588.81	1.02	0.09
MH-697	590.52	589.45	(N/A)	(N/A)	589.45	1.58	0.11
MH-2556	590.56	589.61	(N/A)	(N/A)	589.55	0.11	0.03
MH-192	590.58	589.63	(N/A)	(N/A)	589.63	0.07	0.04
MH-191	590.58	589.63	589.63	(N/A)	589.63	0.18	0.04
MH-2092	590.59	589.64	(N/A)	(N/A)	589.62	0.03	0.02
MH-1722	590.61	589.66	(N/A)	(N/A)	589.66	0.04	0.02
MH-2141	590.61	589.66	(N/A)	(N/A)	589.64	0.01	0.01
MH-5690	590.61	(N/A)	(N/A)	(N/A)	589.66	0.01	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4337	590.62	589.67	(N/A)	(N/A)	589.63	0.09	0.03
MH-5472	590.62	589.67	(N/A)	(N/A)	589.09	0.24	0.05
MH-1597	590.63	589.68	(N/A)	(N/A)	589.62	0.09	0.03
MH-1441	590.63	587.88	(N/A)	(N/A)	587.88	1.85	0.16
MH-1291	590.64	587.69	(N/A)	(N/A)	587.69	2.21	0.18
MH-6570	590.65	588.77	(N/A)	(N/A)	588.75	0.58	0.08
MH-2555	590.65	589.7	(N/A)	(N/A)	589.7	0.1	0.03
MH-1442	590.66	587.85	(N/A)	(N/A)	587.85	1.89	0.17
MH-341	590.67	589.71	589.47	(N/A)	589.34	3.34	0.14
MH-342	590.67	589.6	(N/A)	(N/A)	589.47	3.01	0.14
MH-2846	590.67	589.72	(N/A)	(N/A)	589.67	0.04	0.02
MH-14	590.68	589.16	588.58	(N/A)	588.28	23.34	0.42
MH-2537	590.68	589.73	(N/A)	(N/A)	589.73	0.07	0.03
MH-2091	590.71	589.76	(N/A)	(N/A)	589.75	0.03	0.02
MH-1596	590.73	589.78	(N/A)	(N/A)	589.76	0.09	0.03
MH-2140	590.74	(N/A)	(N/A)	(N/A)	589.77	0.01	0.01
MH-2355	590.74	589.79	(N/A)	(N/A)	589.79	0.33	0.06
MH-6713	590.75	587.82	(N/A)	(N/A)	587.82	1.95	0.17
MH-1951	590.77	589.82	(N/A)	(N/A)	589.78	0.04	0.02
MH-3828	590.78	589.83	(N/A)	(N/A)	589.83	0.06	0.04
MH-384	590.78	587.7	(N/A)	(N/A)	587.7	2.2	0.18
MH-383	590.78	587.7	589.83	(N/A)	587.7	2.2	0.18
MH-3733	590.79	589.81	(N/A)	(N/A)	589.81	0.08	0.04
MH-503	590.8	589.7	589.79	(N/A)	589.4	1.56	0.11
MH-4452	590.8	589.85	(N/A)	(N/A)	589.59	0.53	0.07
MH-6499	590.81	(N/A)	(N/A)	(N/A)	589.86	0.08	0.04
MH-1737	590.82	589.87	(N/A)	(N/A)	589.79	0.18	0.04
MH-6704	590.83	589.79	(N/A)	(N/A)	589.79	0.56	0.08
MH-219	590.84	589.89	(N/A)	(N/A)	589.87	0.53	0.08
MH-220	590.84	589.89	(N/A)	(N/A)	589.89	0.52	0.07
MH-4422	590.85	589.48	(N/A)	(N/A)	589.48	0.07	0.04
MH-4694	590.86	589.91	(N/A)	(N/A)	589.87	0.07	0.02
MH-1845	590.86	589.87	(N/A)	(N/A)	589.87	0.08	0.03
MH-1602	590.86	589.75	(N/A)	(N/A)	589.75	1.57	0.11
MH-2282	590.87	589.92	(N/A)	(N/A)	589.92	0.32	0.06
MH-2924	590.87	589.78	(N/A)	(N/A)	589.78	0.09	0.03
MH-2838	590.87	589.92	(N/A)	(N/A)	589.88	0.03	0.02
MH-2205	590.87	589.92	(N/A)	(N/A)	589.91	0.02	0.01
MH-2916	590.9	589.44	(N/A)	(N/A)	589.44	0.1	0.05
MH-4514	590.91	589.18	(N/A)	(N/A)	589.18	0.11	0.05
MH-2155	590.91	589.96	(N/A)	(N/A)	589.96	0.07	0.03
MH-1950	590.93	589.98	(N/A)	(N/A)	589.92	0.03	0.02
MH-4125	590.94	(N/A)	(N/A)	(N/A)	589.99	0.01	0.02
MH-2915	590.94	589.46	(N/A)	(N/A)	589.46	0.08	0.04
MH-3070	590.95	589.86	590	(N/A)	589.83	0.18	0.04
MH-1518	590.95	590	(N/A)	(N/A)	590	0.04	0.03
MH-832	590.95	589.99	589.88	(N/A)	589.77	3	0.15
MH-3827	590.96	590.01	(N/A)	(N/A)	589.98	0.07	0.02
MH-833	590.96	589.89	(N/A)	(N/A)	589.89	2.95	0.18
MH-682	590.97	589.76	(N/A)	(N/A)	589.76	1.56	0.13
MH-681	590.97	589.81	590.02	(N/A)	589.76	1.56	0.13

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-483	590.99	588.83	590.04	(N/A)	588.83	0.29	0.05
MH-5370	591	(N/A)	(N/A)	(N/A)	590.05	0.05	0.03
MH-2204	591.01	590.06	(N/A)	(N/A)	590.04	0.01	0.01
MH-217	591.02	590	(N/A)	(N/A)	589.81	0.33	0.06
MH-218	591.02	590.07	590.07	(N/A)	590.07	0.32	0.06
MH-2202	591.02	590.07	(N/A)	(N/A)	590.04	0.31	0.05
MH-643	591.04	589.95	590.09	(N/A)	589.95	0.13	0.03
MH-3823	591.04	590.09	(N/A)	(N/A)	590.09	0.43	0.07
MH-3751	591.04	590.09	(N/A)	(N/A)	589.87	0.16	0.04
MH-484	591.05	590.1	(N/A)	(N/A)	590.1	0.04	0.02
MH-2737	591.05	590.1	(N/A)	(N/A)	590.08	0.02	0.01
MH-2936	591.06	589.96	(N/A)	(N/A)	589.96	0.02	0.02
MH-2255	591.08	590.13	(N/A)	(N/A)	590.1	0.03	0.02
MH-3071	591.09	590.14	(N/A)	(N/A)	590.14	0.04	0.02
MH-4272	591.09	(N/A)	(N/A)	(N/A)	590.09	0.03	0.02
MH-4336	591.09	589.15	(N/A)	(N/A)	589.15	0.16	0.04
MH-2171	591.11	590.16	(N/A)	(N/A)	590.14	0.24	0.05
MH-2839	591.13	587.71	(N/A)	(N/A)	587.71	2.03	0.18
MH-3061	591.14	590.19	(N/A)	(N/A)	590.14	0.07	0.02
MH-3949	591.14	590.13	(N/A)	(N/A)	590.13	0.51	0.07
MH-5222	591.16	590.21	(N/A)	(N/A)	590.21	0.07	0.04
MH-2333	591.16	588.75	(N/A)	(N/A)	588.75	0.29	0.05
MH-2354	591.17	590.1	590.15	(N/A)	589.96	2.94	0.15
MH-2201	591.18	590.23	(N/A)	(N/A)	590.19	0.31	0.05
MH-5639	591.18	587.96	(N/A)	(N/A)	587.96	1.7	0.15
MH-1741	591.19	590.24	(N/A)	(N/A)	590.04	0.16	0.04
MH-3299	591.2	590.25	(N/A)	(N/A)	590.25	0.03	0.02
MH-2654	591.2	(N/A)	(N/A)	(N/A)	590.2	0	0.01
MH-3826	591.2	590.25	(N/A)	(N/A)	590.23	0.04	0.02
MH-6176	591.21	(N/A)	(N/A)	(N/A)	590.26	0.02	0.02
MH-2349	591.22	590.26	(N/A)	(N/A)	590.26	0.11	0.03
MH-1689	591.23	590.28	(N/A)	(N/A)	590.26	0.01	0.01
MH-1629	591.23	589.62	(N/A)	(N/A)	589.62	0.02	0.02
MH-116	591.24	(N/A)	(N/A)	(N/A)	590.29	0.02	0.02
MH-115	591.24	590.16	589.48	590.28	589.36	2.63	0.15
MH-3294	591.25	590.01	(N/A)	(N/A)	590.01	0.45	0.07
MH-4170	591.25	590.3	(N/A)	(N/A)	590.3	0.52	0.08
MH-2489	591.25	590.3	(N/A)	(N/A)	590.27	0.02	0.01
MH-4804	591.25	(N/A)	(N/A)	(N/A)	589.87	0.02	0.01
MH-5067	591.25	590.3	(N/A)	(N/A)	590.27	0.05	0.02
MH-4455	591.26	588.67	(N/A)	(N/A)	588.67	0.38	0.06
MH-5163	591.28	(N/A)	(N/A)	(N/A)	590.33	0.02	0.02
MH-2170	591.28	590.33	590.33	(N/A)	590.28	0.24	0.05
MH-1630	591.28	589.61	(N/A)	(N/A)	589.61	0.03	0.03
MH-2079	591.31	590.36	(N/A)	(N/A)	590.36	0.05	0.02
MH-2541	591.31	(N/A)	(N/A)	(N/A)	590.36	0.01	0.01
MH-5713	591.32	590.04	(N/A)	(N/A)	589.59	0.37	0.06
MH-4448	591.32	589.85	(N/A)	(N/A)	589.85	1.31	0.14
MH-1688	591.34	590.39	(N/A)	(N/A)	590.36	0.01	0.01
MH-3752	591.35	590.4	(N/A)	(N/A)	590.31	0.14	0.04
MH-3308	591.35	(N/A)	(N/A)	(N/A)	590.4	0.01	0.01

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3555	591.36	(N/A)	(N/A)	(N/A)	590.41	0.02	0.02
MH-2070	591.37	590.42	(N/A)	(N/A)	590.36	0.05	0.02
MH-5223	591.37	590.42	590.18	(N/A)	590.18	0.32	0.06
MH-1740	591.38	590.43	(N/A)	(N/A)	590.33	0.13	0.03
MH-1727	591.41	589.6	(N/A)	(N/A)	589.6	0.04	0.03
MH-84	591.42	590.47	(N/A)	(N/A)	590.47	0.38	0.06
MH-83	591.42	590.47	590.42	(N/A)	590.42	0.46	0.07
MH-2918	591.42	590.47	(N/A)	(N/A)	590.39	0.3	0.05
MH-3295	591.43	589.94	(N/A)	(N/A)	589.94	0.5	0.08
MH-347	591.43	(N/A)	(N/A)	(N/A)	590.48	0.01	0.01
MH-348	591.44	590.48	590.36	(N/A)	590.36	2.1	0.12
MH-5786	591.44	590.49	(N/A)	(N/A)	590.46	0.03	0.02
MH-2540	591.46	590.35	(N/A)	(N/A)	590.35	0.02	0.02
MH-3977	591.47	(N/A)	(N/A)	(N/A)	590.52	0.01	0.01
MH-3556	591.48	590.39	(N/A)	(N/A)	590.39	0.03	0.03
MH-3148	591.48	588.94	(N/A)	(N/A)	588.94	0.18	0.04
MH-5707	591.48	588.5	(N/A)	(N/A)	588.5	0.45	0.07
MH-4275	591.49	(N/A)	(N/A)	(N/A)	590.51	0.02	0.01
MH-3586	591.5	590.55	(N/A)	(N/A)	590.53	0.02	0.01
MH-2125	591.51	590.28	(N/A)	(N/A)	590.28	2.49	0.13
MH-2386	591.51	(N/A)	(N/A)	(N/A)	590.52	0	0.01
MH-1821	591.52	590.57	(N/A)	(N/A)	590.53	0.04	0.02
MH-2864	591.54	589.58	(N/A)	(N/A)	589.58	0.05	0.04
MH-5371	591.54	590.01	(N/A)	(N/A)	590.01	0.12	0.03
MH-845	591.55	590.29	590.29	(N/A)	590.29	0.1	0.04
MH-844	591.56	590.33	(N/A)	(N/A)	590.33	0.08	0.03
MH-4366	591.56	(N/A)	(N/A)	(N/A)	590.55	0.04	0.02
MH-5334	591.57	590.28	(N/A)	(N/A)	589.88	0.97	0.09
MH-1113	591.57	590.59	(N/A)	(N/A)	590.59	0.2	0.04
MH-1112	591.57	590.62	590.62	(N/A)	590.62	0.19	0.04
MH-2287	591.57	590.33	(N/A)	(N/A)	590.33	0.03	0.03
MH-5510	591.58	590.27	590.63	(N/A)	590.27	0.49	0.07
MH-3600	591.59	(N/A)	(N/A)	(N/A)	590.64	0.07	0.03
MH-855	591.59	590.46	590.64	(N/A)	590.46	0.27	0.05
MH-856	591.59	590.45	(N/A)	(N/A)	590.45	0.28	0.05
MH-275	591.62	588.81	(N/A)	(N/A)	588.81	0.18	0.04
MH-276	591.62	588.81	590.67	(N/A)	588.81	0.22	0.05
MH-5066	591.62	(N/A)	(N/A)	(N/A)	590.64	0.02	0.01
MH-3931	591.62	590.5	(N/A)	(N/A)	590.5	0.02	0.01
MH-1725	591.63	590.68	(N/A)	(N/A)	590.11	0.16	0.04
MH-4207	591.63	590.68	(N/A)	(N/A)	590.68	0.11	0.04
MH-5468	591.63	(N/A)	(N/A)	(N/A)	590.13	0.05	0.02
MH-1555	591.64	590.69	(N/A)	(N/A)	590.66	0.04	0.02
MH-2298	591.65	590.7	590.7	(N/A)	590.57	0.18	0.04
MH-1372	591.65	590.7	(N/A)	(N/A)	590.55	0.12	0.03
MH-4187	591.65	590.37	(N/A)	(N/A)	590.37	0.05	0.03
MH-3146	591.65	590.7	(N/A)	(N/A)	590.65	0.29	0.05
MH-4567	591.66	590.71	(N/A)	(N/A)	590.61	0.05	0.02
MH-4463	591.67	590.72	(N/A)	(N/A)	590.36	0.39	0.06
MH-100	591.67	590.72	590.72	(N/A)	590.65	0.81	0.08
MH-99	591.67	590.65	(N/A)	(N/A)	590.47	0.83	0.08

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2286	591.69	590.32	(N/A)	(N/A)	590.32	0.04	0.03
MH-4244	591.7	588.33	(N/A)	(N/A)	588.3	0.53	0.08
MH-2675	591.72	590.77	(N/A)	(N/A)	590.77	0.03	0.02
MH-5210	591.73	589.91	(N/A)	(N/A)	589.91	1.29	0.14
MH-445	591.74	590.31	590.31	590.79	590.31	0.45	0.07
MH-446	591.74	(N/A)	(N/A)	(N/A)	590.79	0	0.01
MH-739	591.74	589.57	590.3	(N/A)	589.57	0.1	0.05
MH-965	591.75	590.8	590.33	(N/A)	590.33	0.36	0.06
MH-740	591.75	590.3	(N/A)	(N/A)	590.3	0.05	0.02
MH-1371	591.75	(N/A)	(N/A)	(N/A)	590.76	0.11	0.03
MH-1554	591.75	590.8	(N/A)	(N/A)	590.77	0.03	0.02
MH-966	591.75	590.32	(N/A)	(N/A)	590.32	0.37	0.06
MH-3585	591.77	(N/A)	(N/A)	(N/A)	590.76	0.01	0.01
MH-5509	591.8	(N/A)	(N/A)	(N/A)	590.85	0.02	0.01
MH-5230	591.81	590.86	(N/A)	(N/A)	590.15	0.2	0.04
MH-4245	591.84	588.24	(N/A)	(N/A)	588.24	0.58	0.08
MH-3912	591.84	590.89	(N/A)	(N/A)	590.85	0.07	0.03
MH-1765	591.84	590.31	(N/A)	(N/A)	590.31	0.05	0.03
MH-3497	591.85	590.34	(N/A)	(N/A)	590.34	0.07	0.04
MH-1901	591.86	590.91	(N/A)	(N/A)	590.82	0.13	0.03
MH-3021	591.87	590.92	(N/A)	(N/A)	590.92	0.15	0.04
MH-5345	591.88	(N/A)	(N/A)	(N/A)	590.43	0.08	0.03
MH-4824	591.9	590.95	590.95	(N/A)	590.95	0.75	0.09
MH-852	591.92	590.97	590.22	(N/A)	590.22	0.45	0.07
MH-5406	591.92	590.91	(N/A)	(N/A)	590.29	0.98	0.09
MH-4586	591.93	590.98	(N/A)	(N/A)	590.93	0.06	0.02
MH-3518	591.93	590.98	(N/A)	(N/A)	590.74	0.36	0.06
MH-853	591.93	590.22	(N/A)	(N/A)	590.22	0.46	0.07
MH-803	591.93	590.98	590.35	(N/A)	590.35	0.42	0.07
MH-2674	591.94	(N/A)	(N/A)	(N/A)	590.92	0.01	0.01
MH-802	591.94	590.99	(N/A)	(N/A)	590.99	0.04	0.02
MH-6325	591.94	589.3	(N/A)	(N/A)	589.3	0.33	0.06
MH-3680	591.98	589.54	(N/A)	(N/A)	589.54	0.12	0.03
MH-4597	591.98	591.03	(N/A)	(N/A)	591	0.04	0.02
MH-4917	592	591.05	(N/A)	(N/A)	591.05	0.29	0.05
MH-1900	592.03	591.08	591.08	(N/A)	591.01	0.12	0.03
MH-3570	592.03	591.08	(N/A)	(N/A)	590.99	0.04	0.02
MH-2473	592.04	591.09	(N/A)	(N/A)	591.04	0.02	0.01
MH-2527	592.06	591.11	(N/A)	(N/A)	590.98	0.27	0.05
MH-3517	592.07	591.12	(N/A)	(N/A)	591.12	0.33	0.06
MH-5555	592.08	(N/A)	(N/A)	(N/A)	591.13	0.03	0.02
MH-3709	592.09	591.14	(N/A)	(N/A)	591.14	0.04	0.02
MH-4925	592.1	591.15	(N/A)	(N/A)	591.12	0.07	0.03
MH-3387	592.1	591.15	(N/A)	(N/A)	590.96	0.12	0.03
MH-3911	592.12	591.17	(N/A)	(N/A)	591.13	0.05	0.02
MH-367	592.12	588.61	589.33	(N/A)	588.61	0.35	0.06
MH-368	592.12	588.61	(N/A)	(N/A)	588.61	0.36	0.06
MH-6833	592.12	590.61	591.17	(N/A)	589.53	19.56	0.31
MH-1318	592.14	589.96	(N/A)	(N/A)	589.96	1.27	0.14
MH-987	592.14	590.13	591.19	(N/A)	590.11	0.54	0.08
MH-988	592.15	590.1	(N/A)	(N/A)	590.1	0.55	0.08

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3190	592.2	591.19	(N/A)	(N/A)	591.13	0.13	0.04
MH-1317	592.2	590.01	591.25	(N/A)	589.97	1.25	0.14
MH-2472	592.21	(N/A)	(N/A)	(N/A)	591.23	0.01	0.01
MH-3769	592.23	(N/A)	(N/A)	(N/A)	591.28	0.02	0.01
MH-2138	592.24	590.44	(N/A)	(N/A)	590.44	0.38	0.06
MH-6268	592.24	591.29	(N/A)	(N/A)	591.29	0.1	0.03
MH-2526	592.26	591.31	(N/A)	(N/A)	591.25	0.26	0.05
MH-674	592.27	588.02	(N/A)	(N/A)	588.02	1.59	0.14
MH-673	592.27	588.08	588.12	(N/A)	588.02	1.56	0.14
MH-6291	592.28	(N/A)	(N/A)	(N/A)	590.31	0.1	0.03
MH-5056	592.28	(N/A)	(N/A)	(N/A)	591.33	0.01	0.01
MH-3569	592.28	591.33	(N/A)	(N/A)	591.28	0.03	0.02
MH-4559	592.29	591.34	(N/A)	(N/A)	591.34	0.31	0.05
MH-4871	592.29	591.34	(N/A)	(N/A)	591.29	0.07	0.03
MH-2521	592.29	591.34	(N/A)	(N/A)	591.33	0.08	0.03
MH-5743	592.29	(N/A)	(N/A)	(N/A)	590.66	0.03	0.02
MH-582	592.3	591.35	(N/A)	(N/A)	591.35	0.29	0.05
MH-705	592.3	590.09	588.5	(N/A)	588.43	0.89	0.1
MH-6315	592.3	(N/A)	(N/A)	(N/A)	591.35	0.29	0.05
MH-581	592.3	591.35	591.35	(N/A)	591.35	0.27	0.05
MH-706	592.3	588.43	(N/A)	(N/A)	588.43	0.9	0.1
MH-3388	592.35	591.4	(N/A)	(N/A)	591.35	0.09	0.03
MH-5350	592.35	591.4	(N/A)	(N/A)	591.14	0.05	0.02
MH-4292	592.36	591.41	(N/A)	(N/A)	591.34	0.05	0.02
MH-4001	592.39	591.44	(N/A)	(N/A)	591.41	0.03	0.02
MH-2139	592.4	590.49	(N/A)	(N/A)	590.49	0.36	0.06
MH-4696	592.4	591.45	(N/A)	(N/A)	591.26	0.43	0.06
MH-1697	592.41	591.46	590.05	(N/A)	590.05	0.73	0.1
MH-5573	592.41	591.46	(N/A)	(N/A)	591.39	0.05	0.02
MH-3189	592.43	591.48	(N/A)	(N/A)	591.48	0.12	0.03
MH-4745	592.45	(N/A)	(N/A)	(N/A)	591.5	0.02	0.02
MH-3768	592.45	591.5	(N/A)	(N/A)	591.23	0.02	0.01
MH-5209	592.46	(N/A)	(N/A)	(N/A)	591.39	0.02	0.01
MH-5233	592.48	591.53	(N/A)	(N/A)	591.08	0.35	0.06
MH-2721	592.48	591.53	(N/A)	(N/A)	591.49	0.07	0.03
MH-2339	592.5	591.55	(N/A)	(N/A)	591.48	0.25	0.05
MH-1696	592.5	591.55	(N/A)	(N/A)	591.55	0.17	0.04
MH-5069	592.51	591.56	(N/A)	(N/A)	591.42	0.08	0.03
MH-883	592.52	590.9	(N/A)	(N/A)	590.9	0.33	0.06
MH-884	592.53	590.84	591.58	(N/A)	590.84	0.43	0.07
MH-4702	592.53	591.58	(N/A)	(N/A)	591.38	0.06	0.02
MH-5090	592.55	588.37	(N/A)	(N/A)	588.37	0.97	0.09
MH-3617	592.55	591.6	(N/A)	(N/A)	591.53	0.06	0.02
MH-3551	592.55	(N/A)	(N/A)	(N/A)	591.6	0.05	0.03
MH-4596	592.59	591.52	(N/A)	(N/A)	591.25	2.08	0.12
MH-3583	592.6	591.09	591.65	(N/A)	591.09	0.12	0.05
MH-210	592.61	(N/A)	(N/A)	(N/A)	591.66	0.02	0.02
MH-209	592.61	591.3	591.66	(N/A)	591.3	0.93	0.09
MH-2208	592.62	591.67	(N/A)	(N/A)	591.67	0.16	0.04
MH-2565	592.63	590.35	(N/A)	(N/A)	590.35	0.9	0.1
MH-3126	592.66	591.71	(N/A)	(N/A)	591.7	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2096	592.68	591.73	(N/A)	(N/A)	591.68	0.25	0.05
MH-6241	592.68	(N/A)	(N/A)	(N/A)	591.73	0.23	0.05
MH-4500	592.68	(N/A)	(N/A)	(N/A)	591.71	0.02	0.01
MH-3552	592.69	591.58	(N/A)	(N/A)	591.58	0.16	0.04
MH-4939	592.7	(N/A)	(N/A)	(N/A)	591.66	0.01	0.01
MH-4916	592.7	591.75	(N/A)	(N/A)	591.37	0.24	0.05
MH-2763	592.71	591.76	(N/A)	(N/A)	591.68	0.1	0.03
MH-5169	592.71	591.76	(N/A)	(N/A)	591.23	0.15	0.04
MH-272	592.72	591.77	591.07	591.07	591.07	0.18	0.04
MH-271	592.72	591.77	(N/A)	(N/A)	591.77	0.04	0.02
MH-3009	592.74	591.79	(N/A)	(N/A)	591.76	0.05	0.02
MH-3384	592.74	(N/A)	(N/A)	(N/A)	591.79	0.01	0.02
MH-5491	592.76	591.81	(N/A)	(N/A)	591.16	0.22	0.05
MH-4530	592.76	590.62	(N/A)	(N/A)	590.62	0.33	0.06
MH-2523	592.76	591.81	(N/A)	(N/A)	591.79	0.15	0.04
MH-6324	592.76	589.77	(N/A)	(N/A)	589.77	0.19	0.04
MH-3767	592.77	591.82	(N/A)	(N/A)	591.72	0.01	0.01
MH-6831	592.78	591.26	(N/A)	(N/A)	590.78	19.43	0.31
MH-3616	592.79	591.84	(N/A)	(N/A)	591.81	0.04	0.02
MH-651	592.8	591.73	591.85	590.74	590.61	2.43	0.17
MH-652	592.8	590.6	(N/A)	(N/A)	590.6	2.46	0.13
MH-686	592.84	591.89	590.96	591.47	590.96	0.23	0.05
MH-1758	592.84	591.89	(N/A)	(N/A)	591.84	0.24	0.05
MH-685	592.84	591.89	(N/A)	(N/A)	591.89	0.03	0.02
MH-6316	592.84	591.01	(N/A)	(N/A)	591.01	0.42	0.07
MH-4045	592.85	591.9	591.9	(N/A)	591.8	0.52	0.07
MH-5597	592.88	591.93	(N/A)	(N/A)	591.93	0.29	0.05
MH-4695	592.89	591.94	(N/A)	(N/A)	591.75	0.41	0.06
MH-5068	592.89	(N/A)	(N/A)	(N/A)	591.9	0.05	0.02
MH-2146	592.92	591.97	(N/A)	(N/A)	591.91	0.09	0.03
MH-4087	592.93	591.98	(N/A)	(N/A)	591.84	0.03	0.02
MH-3612	592.93	591.98	(N/A)	(N/A)	591.98	0.14	0.04
MH-5833	592.94	(N/A)	(N/A)	(N/A)	591.93	0.02	0.01
MH-5428	592.94	591.99	(N/A)	(N/A)	591.75	0.11	0.03
MH-4890	592.94	591.99	(N/A)	(N/A)	591.84	0.07	0.03
MH-3008	592.94	591.99	(N/A)	(N/A)	591.96	0.04	0.02
MH-4581	592.95	592	(N/A)	(N/A)	591.96	0.14	0.04
MH-1757	592.97	592.02	(N/A)	(N/A)	591.98	0.24	0.05
MH-5349	592.97	(N/A)	(N/A)	(N/A)	591.79	0.02	0.01
MH-1005	592.97	590.84	(N/A)	(N/A)	590.84	0.24	0.05
MH-3613	592.98	591.8	(N/A)	(N/A)	591.05	0.21	0.04
MH-530	592.99	592.04	591.77	590.83	590.83	0.28	0.05
MH-2522	593	592.05	(N/A)	(N/A)	591.95	0.14	0.04
MH-529	593	592.05	(N/A)	(N/A)	592.05	0.03	0.02
MH-4427	593	591.93	(N/A)	(N/A)	591.8	2.07	0.12
MH-2564	593	591.36	590.42	(N/A)	590.38	0.87	0.1
MH-2198	593.01	592.06	(N/A)	(N/A)	591.95	0.06	0.02
MH-2145	593.07	592.12	(N/A)	(N/A)	592.08	0.08	0.03
MH-6832	593.11	(N/A)	(N/A)	(N/A)	591.66	0.05	0.02
MH-2742	593.12	590.75	(N/A)	(N/A)	590.75	0.31	0.06
MH-6027	593.12	592.17	(N/A)	(N/A)	592.05	0.11	0.03

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5421	593.12	592.17	(N/A)	(N/A)	592.04	0.05	0.02
MH-5647	593.14	592.19	(N/A)	(N/A)	592.14	0.05	0.02
MH-4008	593.15	591.38	(N/A)	(N/A)	591.38	0.89	0.1
MH-5903	593.18	(N/A)	(N/A)	(N/A)	592.14	0.05	0.02
MH-4086	593.22	(N/A)	(N/A)	(N/A)	592.22	0.01	0.01
MH-5405	593.24	(N/A)	(N/A)	(N/A)	592.23	0.02	0.01
MH-2441	593.26	592.31	(N/A)	(N/A)	592.24	0.23	0.05
MH-2966	593.28	592.33	592.33	(N/A)	592.32	0.12	0.03
MH-2827	593.28	592.33	(N/A)	(N/A)	592.28	0.07	0.03
MH-4044	593.29	592.34	592.34	(N/A)	592.16	0.39	0.06
MH-2587	593.3	592.35	(N/A)	(N/A)	592.21	0.05	0.02
MH-5564	593.3	592.35	(N/A)	(N/A)	592.35	0.46	0.08
MH-4429	593.34	(N/A)	(N/A)	(N/A)	592.32	0.03	0.02
MH-3946	593.34	592.18	592.39	(N/A)	592.18	1.93	0.12
MH-6830	593.36	591.84	(N/A)	(N/A)	591.41	19.36	0.31
MH-4891	593.36	592.41	(N/A)	(N/A)	592.3	0.05	0.02
MH-5490	593.38	592.43	(N/A)	(N/A)	592.21	0.14	0.04
MH-862	593.39	592.31	(N/A)	(N/A)	592.07	2.07	0.12
MH-5438	593.39	591.67	(N/A)	(N/A)	591.67	0.75	0.1
MH-863	593.4	592.45	592.38	(N/A)	592.33	2.05	0.15
MH-5766	593.42	(N/A)	(N/A)	(N/A)	592.34	0.02	0.01
MH-5443	593.42	(N/A)	(N/A)	(N/A)	592.39	0.02	0.01
MH-4997	593.43	592.48	(N/A)	(N/A)	592.27	0.38	0.06
MH-6115	593.44	(N/A)	(N/A)	(N/A)	592.34	0.03	0.02
MH-2090	593.46	592.51	(N/A)	(N/A)	592.45	0.22	0.05
MH-2671	593.5	592.55	(N/A)	(N/A)	592.03	0.09	0.03
MH-1792	593.5	592.55	(N/A)	(N/A)	592.49	0.06	0.02
MH-4007	593.52	591.42	(N/A)	(N/A)	591.42	0.85	0.1
MH-2965	593.53	592.58	(N/A)	(N/A)	592.5	0.05	0.02
MH-3928	593.54	592.59	(N/A)	(N/A)	592.59	0.32	0.05
MH-4571	593.57	592.4	592.62	(N/A)	592.4	1.67	0.11
MH-5168	593.58	(N/A)	(N/A)	(N/A)	592.11	0.1	0.03
MH-3319	593.59	592.64	(N/A)	(N/A)	592.4	0.01	0.01
MH-6086	593.6	592.65	(N/A)	(N/A)	592.49	0.12	0.03
MH-2089	593.6	592.65	(N/A)	(N/A)	592.62	0.22	0.04
MH-4030	593.62	590.47	(N/A)	(N/A)	590.47	0.61	0.09
MH-1692	593.62	592.67	(N/A)	(N/A)	592.64	0.06	0.02
MH-3762	593.63	592.68	(N/A)	(N/A)	592.6	0.06	0.02
MH-2762	593.63	592.68	(N/A)	(N/A)	592.5	0.04	0.02
MH-5420	593.64	(N/A)	(N/A)	(N/A)	592.57	0.02	0.01
MH-5698	593.67	592.72	(N/A)	(N/A)	592.48	0.11	0.03
MH-5852	593.71	(N/A)	(N/A)	(N/A)	592.67	0.02	0.01
MH-3524	593.72	592.77	592.7	(N/A)	592.61	2.01	0.13
MH-3803	593.72	592.77	592.77	(N/A)	592.58	0.26	0.05
MH-1671	593.73	592.78	(N/A)	(N/A)	592.76	0.05	0.02
MH-3695	593.75	592.8	(N/A)	(N/A)	592.8	0.26	0.05
MH-5969	593.77	591.57	(N/A)	(N/A)	591.52	0.82	0.1
MH-5437	593.77	591.76	(N/A)	(N/A)	591.76	0.68	0.09
MH-3658	593.78	592.83	(N/A)	(N/A)	592.82	0.03	0.02
MH-5200	593.79	592.84	(N/A)	(N/A)	592.52	0.07	0.03
MH-5616	593.8	592.77	(N/A)	(N/A)	592.36	0.22	0.05

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-5831	593.8	592.29	592.85	(N/A)	591.96	19.33	0.31
MH-6026	593.81	592.86	(N/A)	(N/A)	592.51	0.09	0.03
MH-2670	593.81	592.86	(N/A)	(N/A)	592.69	0.07	0.02
MH-3207	593.81	592.86	(N/A)	(N/A)	592.63	0.22	0.05
MH-2734	593.82	592.87	(N/A)	(N/A)	592.82	0.21	0.04
MH-5100	593.84	590.66	(N/A)	(N/A)	590.66	0.48	0.08
MH-1214	593.85	592.9	(N/A)	(N/A)	592.86	0.05	0.02
MH-3318	593.85	(N/A)	(N/A)	(N/A)	592.82	0	0.01
MH-5410	593.87	592.92	(N/A)	(N/A)	592.81	0.03	0.02
MH-3761	593.88	592.93	(N/A)	(N/A)	592.9	0.04	0.02
MH-1213	593.89	592.94	(N/A)	(N/A)	592.94	0.04	0.02
MH-4570	593.91	592.44	(N/A)	(N/A)	592.44	1.48	0.13
MH-5455	593.92	591.88	(N/A)	(N/A)	591.86	0.59	0.08
MH-4029	593.95	590.56	(N/A)	(N/A)	590.53	0.57	0.08
MH-3772	593.96	593.01	(N/A)	(N/A)	593.01	0.06	0.02
MH-1753	593.97	593.02	(N/A)	(N/A)	592.33	0.17	0.04
MH-2755	593.97	593.02	(N/A)	(N/A)	593.02	0.22	0.05
MH-1530	593.98	593.03	(N/A)	(N/A)	593.02	0.04	0.02
MH-2996	593.98	(N/A)	(N/A)	(N/A)	592.85	0.03	0.01
MH-590	594	592.98	593.05	(N/A)	592.9	1.96	0.13
MH-3657	594.02	(N/A)	(N/A)	(N/A)	593.04	0.02	0.01
MH-2331	594.02	593.07	(N/A)	(N/A)	593.03	0.2	0.04
MH-6031	594.04	593.09	(N/A)	(N/A)	592.94	0.09	0.03
MH-6249	594.05	(N/A)	(N/A)	(N/A)	593.1	0.09	0.04
MH-5065	594.08	593.13	(N/A)	(N/A)	592.9	0.35	0.06
MH-1752	594.09	593.14	(N/A)	(N/A)	593.11	0.14	0.04
MH-2756	594.1	593.14	(N/A)	(N/A)	593.14	0.19	0.04
MH-3802	594.11	593.16	593.16	(N/A)	593.05	0.16	0.04
MH-3244	594.13	593.17	(N/A)	(N/A)	593.17	0.03	0.02
MH-5688	594.14	593.19	(N/A)	(N/A)	593.19	0.12	0.03
MH-6122	594.15	(N/A)	(N/A)	(N/A)	592.56	0.11	0.03
MH-5187	594.16	593.21	(N/A)	(N/A)	593.13	0.04	0.02
MH-2385	594.19	593.18	(N/A)	(N/A)	593.11	1.72	0.12
MH-3637	594.2	593.25	(N/A)	(N/A)	593.23	0.05	0.02
MH-3208	594.2	593.25	(N/A)	(N/A)	593.04	0.2	0.04
MH-3446	594.2	(N/A)	(N/A)	(N/A)	593.06	0.05	0.02
MH-5765	594.21	(N/A)	(N/A)	(N/A)	592.88	0.09	0.03
MH-2102	594.21	593.26	(N/A)	(N/A)	593.2	0.19	0.04
MH-3250	594.26	593.31	(N/A)	(N/A)	593.22	0.03	0.02
MH-2040	594.28	593.33	(N/A)	(N/A)	593.25	0.12	0.03
MH-6085	594.28	593.33	(N/A)	(N/A)	593.02	0.11	0.03
MH-3243	594.29	(N/A)	(N/A)	(N/A)	593.34	0.02	0.01
MH-3819	594.32	593.37	(N/A)	(N/A)	593.37	0.14	0.04
MH-5199	594.33	(N/A)	(N/A)	(N/A)	593.19	0.03	0.02
MH-3123	594.33	593.38	(N/A)	(N/A)	593.38	0.68	0.08
MH-6366	594.36	(N/A)	(N/A)	(N/A)	593.21	0.03	0.01
MH-2614	594.4	593.45	(N/A)	(N/A)	593.45	0.03	0.02
MH-2101	594.4	593.45	(N/A)	(N/A)	593.38	0.19	0.04
MH-5462	594.41	(N/A)	(N/A)	(N/A)	593.33	0.01	0.01
MH-5790	594.41	593.46	593.01	(N/A)	592.44	18.61	0.3
MH-5374	594.43	593.48	(N/A)	(N/A)	593.2	0.07	0.02

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Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-3973	594.44	593.49	(N/A)	(N/A)	593.49	0.09	0.03
MH-2613	594.48	593.53	(N/A)	(N/A)	593.53	0.02	0.02
MH-5064	594.49	593.46	(N/A)	(N/A)	593.46	0.31	0.05
MH-4645	594.49	592.47	(N/A)	(N/A)	592.47	1.44	0.13
MH-4933	594.5	593.55	(N/A)	(N/A)	593.44	0.24	0.05
MH-3902	594.51	593.49	(N/A)	(N/A)	593.41	1.7	0.12
MH-2569	594.51	593.56	(N/A)	(N/A)	593.5	0.02	0.01
MH-2629	594.52	593.57	(N/A)	(N/A)	593.57	0.1	0.03
MH-4223	594.57	593.62	(N/A)	(N/A)	593.41	0.06	0.02
MH-3092	594.58	593.63	(N/A)	(N/A)	593.55	0.64	0.08
MH-2770	594.59	(N/A)	(N/A)	(N/A)	593.64	0.02	0.01
MH-5186	594.59	(N/A)	(N/A)	(N/A)	593.57	0.01	0.01
MH-3256	594.6	593.65	(N/A)	(N/A)	593.39	0.09	0.03
MH-2757	594.63	593.68	(N/A)	(N/A)	593.61	0.18	0.04
MH-3910	594.64	593.69	(N/A)	(N/A)	593.69	0.07	0.03
MH-3672	594.65	593.7	(N/A)	(N/A)	593.47	0.19	0.04
MH-2630	594.66	(N/A)	(N/A)	(N/A)	593.71	0.07	0.03
MH-6030	594.69	593.74	(N/A)	(N/A)	593.44	0.07	0.03
MH-2568	594.72	(N/A)	(N/A)	(N/A)	593.71	0.01	0.01
MH-2909	594.77	593.82	(N/A)	(N/A)	593.59	0.09	0.03
MH-6777	594.77	593.37	(N/A)	(N/A)	593.37	18.33	0.3
MH-3560	594.78	593.83	(N/A)	(N/A)	593.83	0.23	0.05
MH-5498	594.78	593.83	(N/A)	(N/A)	593.83	0.24	0.05
MH-2700	594.8	593.79	(N/A)	(N/A)	593.72	1.68	0.12
MH-3604	594.81	593.86	(N/A)	(N/A)	593.86	0.06	0.02
MH-2597	594.81	593.86	(N/A)	(N/A)	593.83	0.08	0.03
MH-1889	594.81	593.86	(N/A)	(N/A)	592.94	0.14	0.04
MH-2020	594.82	593.87	(N/A)	(N/A)	593.84	0.17	0.04
MH-3513	594.84	593.89	(N/A)	(N/A)	593.89	0.06	0.02
MH-6052	594.88	(N/A)	(N/A)	(N/A)	593.73	0.06	0.02
MH-2885	594.88	593.93	(N/A)	(N/A)	593.93	0.1	0.04
MH-3726	594.89	593.92	592.54	(N/A)	592.49	1.43	0.13
MH-3603	594.9	(N/A)	(N/A)	(N/A)	593.95	0.05	0.02
MH-5284	594.9	593.95	(N/A)	(N/A)	593.75	0.06	0.02
MH-3093	594.91	593.96	(N/A)	(N/A)	593.8	0.6	0.08
MH-2449	594.94	593.49	(N/A)	(N/A)	593.49	18.21	0.3
MH-2115	594.97	593.95	(N/A)	(N/A)	593.94	1.66	0.12
MH-1832	594.98	594.03	(N/A)	(N/A)	593.98	0.17	0.04
MH-2294	595	594.05	(N/A)	(N/A)	594.01	0.07	0.03
MH-3479	595.01	594.06	(N/A)	(N/A)	593.87	0.21	0.04
MH-2448	595.01	593.6	(N/A)	(N/A)	593.5	18.17	0.36
MH-1716	595.02	594.07	(N/A)	(N/A)	594.07	0.13	0.03
MH-5373	595.03	(N/A)	(N/A)	(N/A)	593.86	0.03	0.02
MH-2908	595.04	594.09	(N/A)	(N/A)	593.98	0.06	0.02
MH-3512	595.04	594.09	(N/A)	(N/A)	594.09	0.04	0.02
MH-3692	595.06	593.04	594.11	(N/A)	593.04	0.26	0.05
MH-2406	595.07	594.12	(N/A)	(N/A)	593.92	0.17	0.04
MH-675	595.09	594.12	594.06	(N/A)	594.06	1.66	0.12
MH-676	595.1	594.08	(N/A)	(N/A)	594.08	1.02	0.11
MH-3559	595.12	594.17	(N/A)	(N/A)	594.04	0.19	0.04
MH-2293	595.15	594.2	(N/A)	(N/A)	594.17	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1424	595.17	594.22	(N/A)	(N/A)	594.13	0.16	0.04
MH-1717	595.19	594.24	(N/A)	(N/A)	594.24	0.11	0.03
MH-2886	595.21	594.26	(N/A)	(N/A)	594.1	0.09	0.03
MH-3078	595.22	594.27	(N/A)	(N/A)	594.24	0.19	0.04
MH-44	595.23	592.58	(N/A)	(N/A)	592.58	1.32	0.14
MH-43	595.23	594.28	592.6	(N/A)	592.6	1.3	0.14
MH-2498	595.23	594.28	(N/A)	(N/A)	594.28	0.03	0.02
MH-1423	595.28	594.31	(N/A)	(N/A)	594.29	0.16	0.04
MH-3069	595.31	(N/A)	(N/A)	(N/A)	594.26	0.03	0.02
MH-2407	595.32	594.37	(N/A)	(N/A)	594.25	0.15	0.04
MH-2497	595.36	(N/A)	(N/A)	(N/A)	594.41	0.02	0.01
MH-3476	595.36	594.41	(N/A)	(N/A)	594.25	0.19	0.04
MH-3068	595.37	594.42	(N/A)	(N/A)	594.38	0.05	0.02
MH-1314	595.4	594.37	(N/A)	(N/A)	594.37	0.16	0.04
MH-3691	595.4	594.45	(N/A)	(N/A)	594.33	0.12	0.03
MH-5283	595.43	594.48	(N/A)	(N/A)	594.32	0.05	0.02
MH-1864	595.45	594.5	(N/A)	(N/A)	594.5	0.15	0.04
MH-1857	595.45	594.47	(N/A)	(N/A)	594.32	0.62	0.07
MH-1313	595.46	594.42	(N/A)	(N/A)	594.42	0.15	0.04
MH-3470	595.47	594.45	(N/A)	(N/A)	594.15	1.01	0.09
MH-3004	595.48	594.53	(N/A)	(N/A)	594.43	0.09	0.03
MH-3077	595.5	594.55	(N/A)	(N/A)	594.44	0.17	0.04
MH-1394	595.58	594.63	(N/A)	(N/A)	594.46	0.16	0.04
MH-2956	595.59	594.64	(N/A)	(N/A)	594.59	0.04	0.02
MH-2731	595.6	594.65	(N/A)	(N/A)	594.52	0.13	0.03
MH-4987	595.6	594.65	(N/A)	(N/A)	594.29	0.56	0.07
MH-128	595.61	594.66	594.63	(N/A)	594.57	0.62	0.07
MH-127	595.61	594.66	(N/A)	(N/A)	594.63	0.56	0.07
MH-3211	595.63	592.65	(N/A)	(N/A)	592.65	1.13	0.13
MH-1393	595.67	594.72	(N/A)	(N/A)	594.69	0.15	0.04
MH-2236	595.67	594.72	(N/A)	(N/A)	594.69	0.14	0.04
MH-1469	595.68	594.73	(N/A)	(N/A)	594.61	0.17	0.04
MH-2961	595.7	594.75	(N/A)	(N/A)	594.52	0.07	0.03
MH-1282	595.72	594.77	(N/A)	(N/A)	594.72	0.05	0.02
MH-2955	595.77	594.82	(N/A)	(N/A)	594.8	0.04	0.02
MH-3005	595.8	594.85	(N/A)	(N/A)	594.7	0.07	0.03
MH-2033	595.8	594.78	(N/A)	(N/A)	594.66	1	0.09
MH-1470	595.81	594.86	594.86	(N/A)	594.8	0.17	0.04
MH-3758	595.84	(N/A)	(N/A)	(N/A)	594.77	0.15	0.04
MH-1285	595.86	594.91	(N/A)	(N/A)	594.84	0.13	0.03
MH-2003	595.86	594.91	(N/A)	(N/A)	594.82	0.14	0.04
MH-596	595.92	594.97	594.91	(N/A)	594.91	0.56	0.07
MH-595	595.92	594.97	(N/A)	(N/A)	594.97	0.49	0.07
MH-903	595.92	594.97	592.74	594.97	592.68	1.11	0.12
MH-916	595.94	594.99	(N/A)	(N/A)	594.99	0.47	0.08
MH-3413	595.97	(N/A)	(N/A)	(N/A)	595.01	0.03	0.02
MH-1284	595.97	595.02	(N/A)	(N/A)	594.97	0.13	0.03
MH-2034	595.99	594.97	(N/A)	(N/A)	594.89	0.99	0.09
MH-3154	596.01	595.06	(N/A)	(N/A)	594.94	0.04	0.02
MH-2726	596.02	595.07	(N/A)	(N/A)	594.89	0.03	0.02
MH-2962	596.04	595.09	(N/A)	(N/A)	594.91	0.06	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1481	596.1	595.15	(N/A)	(N/A)	595.11	0.12	0.03
MH-4391	596.13	595.18	(N/A)	(N/A)	594.95	0.09	0.03
MH-2687	596.13	595.18	(N/A)	(N/A)	595.06	0.13	0.03
MH-5822	596.15	595.2	(N/A)	(N/A)	594.64	0.14	0.04
MH-263	596.15	(N/A)	(N/A)	(N/A)	595.2	0.01	0.01
MH-264	596.15	595.2	595.2	(N/A)	595.05	0.08	0.03
MH-3152	596.16	595.21	595.21	(N/A)	595.12	0.47	0.07
MH-3282	596.17	595.22	(N/A)	(N/A)	595.07	0.08	0.03
MH-2725	596.19	595.24	(N/A)	(N/A)	595.22	0.02	0.01
MH-1480	596.21	595.26	(N/A)	(N/A)	595.22	0.12	0.03
MH-2563	596.22	595.27	(N/A)	(N/A)	595.15	0.46	0.07
MH-3158	596.24	595.22	(N/A)	(N/A)	595.15	0.98	0.09
MH-3516	596.24	595.29	(N/A)	(N/A)	595.17	0.06	0.02
MH-5971	596.25	(N/A)	(N/A)	(N/A)	594.97	0.08	0.03
MH-3535	596.29	595.34	(N/A)	(N/A)	595.18	0.37	0.06
MH-1581	596.32	595.37	(N/A)	(N/A)	595.34	0.12	0.03
MH-3076	596.33	595.38	(N/A)	(N/A)	595.27	0.03	0.02
MH-1934	596.39	595.44	(N/A)	(N/A)	595.31	0.07	0.03
MH-3363	596.39	595.44	(N/A)	(N/A)	595.28	0.05	0.02
MH-349	596.4	595.45	595.45	(N/A)	595.05	0.49	0.07
MH-350	596.4	(N/A)	(N/A)	(N/A)	595.45	0.02	0.01
MH-2672	596.4	595.45	(N/A)	(N/A)	595.4	0.07	0.03
MH-3024	596.42	595.47	(N/A)	(N/A)	595.47	0.38	0.06
MH-1806	596.43	595.48	(N/A)	(N/A)	595.41	0.45	0.07
MH-3016	596.47	595.52	(N/A)	(N/A)	595.35	0.11	0.03
MH-3151	596.48	595.53	(N/A)	(N/A)	595.39	0.07	0.03
MH-1319	596.54	595.59	(N/A)	(N/A)	595.59	0.06	0.02
MH-2060	596.54	595.53	(N/A)	(N/A)	595.4	0.96	0.09
MH-4915	596.56	(N/A)	(N/A)	(N/A)	595.55	0.01	0.01
MH-2929	596.57	595.62	(N/A)	(N/A)	595.53	0.11	0.03
MH-4392	596.57	595.62	(N/A)	(N/A)	595.44	0.04	0.02
MH-1807	596.57	595.62	(N/A)	(N/A)	595.57	0.43	0.06
MH-37	596.6	(N/A)	(N/A)	(N/A)	595.65	0	0.06
MH-38	596.6	595.65	595.64	595.65	595.64	0.37	0.06
MH-3075	596.61	595.66	(N/A)	(N/A)	595.55	0.02	0.01
MH-1675	596.62	595.67	(N/A)	(N/A)	595.6	0.06	0.02
MH-1012	596.65	595.7	595.7	(N/A)	595.65	0.06	0.02
MH-3133	596.67	595.72	(N/A)	(N/A)	595.55	0.04	0.02
MH-1013	596.69	(N/A)	(N/A)	(N/A)	595.73	0.01	0.01
MH-2061	596.72	595.7	(N/A)	(N/A)	595.64	0.95	0.09
MH-764	596.73	595.78	(N/A)	(N/A)	595.58	0.35	0.06
MH-763	596.74	595.79	595.79	(N/A)	595.79	0.34	0.06
MH-3506	596.75	(N/A)	(N/A)	(N/A)	595.65	0.03	0.02
MH-1676	596.75	595.8	(N/A)	(N/A)	595.76	0.05	0.02
MH-1991	596.76	595.81	(N/A)	(N/A)	595.75	0.02	0.01
MH-3212	596.81	595.86	(N/A)	(N/A)	595.8	0.1	0.03
MH-3696	596.83	595.88	(N/A)	(N/A)	595.74	0.06	0.02
MH-2403	596.85	595.9	(N/A)	(N/A)	595.73	0.1	0.03
MH-3373	596.86	595.91	(N/A)	(N/A)	595.81	0.41	0.06
MH-2297	596.9	(N/A)	(N/A)	(N/A)	595.93	0.01	0.01
MH-3132	596.93	595.98	(N/A)	(N/A)	595.89	0.03	0.02

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-1938	596.96	596.01	(N/A)	(N/A)	595.89	0.11	0.03
MH-980	596.98	595.97	(N/A)	(N/A)	595.76	0.44	0.06
MH-4065	596.98	(N/A)	(N/A)	(N/A)	595.9	0.01	0.01
MH-979	597.01	596.06	(N/A)	(N/A)	596.06	0.39	0.07
MH-3229	597.03	596.08	(N/A)	(N/A)	595.98	0.05	0.02
MH-3142	597.05	596.1	(N/A)	(N/A)	596.06	0.09	0.03
MH-870	597.07	596.05	(N/A)	(N/A)	595.81	0.27	0.05
MH-869	597.09	596.14	596.14	(N/A)	596.14	0.26	0.05
MH-1884	597.09	596.14	(N/A)	(N/A)	596.03	0.08	0.03
MH-4024	597.11	596.16	(N/A)	(N/A)	595.89	0.07	0.03
MH-1016	597.15	(N/A)	(N/A)	(N/A)	595.84	0.02	0.01
MH-1017	597.17	(N/A)	(N/A)	(N/A)	595.62	0.04	0.02
MH-3845	597.19	596.24	(N/A)	(N/A)	596.11	0.04	0.02
MH-5984	597.23	(N/A)	(N/A)	(N/A)	595.72	0.07	0.02
MH-3141	597.24	596.28	(N/A)	(N/A)	596.28	0.08	0.03
MH-439	597.26	596.22	(N/A)	(N/A)	595.83	0.94	0.09
MH-440	597.26	596.31	596.31	(N/A)	596.24	0.93	0.1
MH-1534	597.27	596.32	(N/A)	(N/A)	596.24	0.07	0.03
MH-3549	597.29	(N/A)	(N/A)	(N/A)	596.34	0.07	0.03
MH-5212	597.34	596.39	(N/A)	(N/A)	596.1	0.05	0.02
MH-4983	597.35	596.4	(N/A)	(N/A)	596.24	0.38	0.06
MH-3936	597.36	(N/A)	(N/A)	(N/A)	596.21	0.02	0.01
MH-2782	597.38	596.43	596.43	(N/A)	596.3	0.21	0.04
MH-1533	597.4	596.45	(N/A)	(N/A)	596.4	0.06	0.02
MH-2579	597.41	596.46	(N/A)	(N/A)	596.26	0.05	0.02
MH-2515	597.44	596.49	(N/A)	(N/A)	596.36	0.03	0.02
MH-4023	597.44	596.49	(N/A)	(N/A)	596.4	0.06	0.02
MH-2590	597.49	596.54	(N/A)	(N/A)	596.28	0.21	0.04
MH-1891	597.58	596.63	(N/A)	(N/A)	596.55	0.06	0.02
MH-3458	597.6	596.65	(N/A)	(N/A)	596.5	0.15	0.04
MH-2133	597.63	596.68	(N/A)	(N/A)	596.63	0.02	0.01
MH-660	597.64	596.69	596.69	(N/A)	596.59	0.18	0.04
MH-4243	597.64	(N/A)	(N/A)	(N/A)	596.49	0.02	0.01
MH-659	597.64	596.69	(N/A)	(N/A)	596.69	0.15	0.04
MH-2589	597.68	596.73	(N/A)	(N/A)	596.68	0.18	0.04
MH-2803	597.76	596.81	(N/A)	(N/A)	596.61	0.02	0.01
MH-2134	597.77	(N/A)	(N/A)	(N/A)	596.79	0.01	0.01
MH-1158	597.8	596.85	596.85	(N/A)	596.78	0.15	0.04
MH-2178	597.8	(N/A)	(N/A)	(N/A)	596.75	0.04	0.02
MH-2193	597.83	596.88	(N/A)	(N/A)	596.77	0.34	0.06
MH-3822	597.84	596.89	(N/A)	(N/A)	596.68	0.04	0.02
MH-3473	597.86	596.91	(N/A)	(N/A)	596.74	0.05	0.02
MH-1157	597.88	596.93	(N/A)	(N/A)	596.9	0.13	0.03
MH-2191	597.9	596.95	(N/A)	(N/A)	596.71	0.08	0.03
MH-5211	597.91	596.96	(N/A)	(N/A)	596.75	0.04	0.02
MH-3727	597.96	597.01	(N/A)	(N/A)	596.94	0.15	0.04
MH-2578	597.97	597.02	(N/A)	(N/A)	596.86	0.02	0.01
MH-1081	598	597.05	(N/A)	(N/A)	596.99	0.12	0.03
MH-2192	598.01	597.06	(N/A)	(N/A)	596.99	0.31	0.05
MH-2190	598.06	(N/A)	(N/A)	(N/A)	597.07	0.04	0.02
MH-1070	598.06	597.11	597.11	(N/A)	597.09	0.12	0.03

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Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2769	598.07	597.12	(N/A)	(N/A)	596.97	0.02	0.01
MH-2429	598.1	597.15	(N/A)	(N/A)	596.99	0.02	0.01
MH-1069	598.12	597.17	(N/A)	(N/A)	597.15	0.07	0.03
MH-3472	598.21	(N/A)	(N/A)	(N/A)	597.11	0.03	0.01
MH-2577	598.25	597.3	(N/A)	(N/A)	597.17	0.02	0.01
MH-1391	598.26	597.31	(N/A)	(N/A)	597.26	0.07	0.03
MH-3227	598.27	597.32	(N/A)	(N/A)	597.12	0.03	0.02
MH-1940	598.28	597.33	(N/A)	(N/A)	597.23	0.29	0.05
MH-6162	598.3	596.89	(N/A)	(N/A)	594.08	17.95	0.34
MH-4540	598.3	(N/A)	(N/A)	(N/A)	597.29	0.1	0.03
MH-3130	598.35	597.4	(N/A)	(N/A)	596.72	0.35	0.06
MH-2768	598.36	597.41	(N/A)	(N/A)	597.28	0.01	0.01
MH-5226	598.37	(N/A)	(N/A)	(N/A)	597.32	0.02	0.01
MH-2428	598.37	597.42	(N/A)	(N/A)	597.28	0.02	0.01
MH-1390	598.38	597.43	(N/A)	(N/A)	597.37	0.07	0.03
MH-2399	598.42	597.47	(N/A)	(N/A)	597.28	0.05	0.02
MH-1939	598.44	597.49	(N/A)	(N/A)	597.44	0.27	0.05
MH-3174	598.59	597.64	(N/A)	(N/A)	597.48	0.02	0.01
MH-3129	598.62	597.67	(N/A)	(N/A)	597.58	0.29	0.05
MH-3226	598.62	(N/A)	(N/A)	(N/A)	597.5	0.02	0.01
MH-2973	598.66	597.71	(N/A)	(N/A)	597.61	0.06	0.02
MH-4409	598.68	597.73	597.73	(N/A)	596.69	0.75	0.09
MH-1791	598.69	597.74	(N/A)	(N/A)	597.6	0.04	0.02
MH-3055	598.71	597.76	(N/A)	(N/A)	597.59	0.01	0.01
MH-5742	598.78	597.83	(N/A)	(N/A)	597.41	0.12	0.03
MH-3575	598.79	597.84	(N/A)	(N/A)	597.7	0.25	0.05
MH-4379	598.87	(N/A)	(N/A)	(N/A)	597.68	0.01	0.01
MH-1790	598.89	597.94	(N/A)	(N/A)	597.83	0.03	0.02
MH-2972	598.91	597.96	(N/A)	(N/A)	597.88	0.05	0.02
MH-4006	598.92	597.97	(N/A)	(N/A)	597.97	0.11	0.03
MH-4103	599.07	(N/A)	(N/A)	(N/A)	597.89	0.01	0.01
MH-5153	599.17	598.22	(N/A)	(N/A)	598.02	0.25	0.05
MH-3783	599.17	(N/A)	(N/A)	(N/A)	597.98	0.01	0.01
MH-3546	599.17	(N/A)	(N/A)	(N/A)	598.16	0.03	0.02
MH-4128	599.23	598.28	(N/A)	(N/A)	597.88	0.58	0.07
MH-3271	599.28	(N/A)	(N/A)	(N/A)	598.12	0.02	0.01
MH-4005	599.3	598.35	(N/A)	(N/A)	598.2	0.09	0.03
MH-4074	599.41	598.46	(N/A)	(N/A)	598.2	0.21	0.04
MH-5295	599.46	598.51	(N/A)	(N/A)	598.28	0.09	0.03
MH-4355	599.52	598.57	(N/A)	(N/A)	598.57	0.07	0.03
MH-559	599.67	598.26	598.36	(N/A)	597.09	17.74	0.34
MH-3898	599.7	598.75	(N/A)	(N/A)	598.7	0.16	0.04
MH-4127	599.76	598.81	(N/A)	(N/A)	598.53	0.43	0.06
MH-5296	599.89	598.94	(N/A)	(N/A)	598.88	0.06	0.02
MH-2121	600.04	599.09	(N/A)	(N/A)	598.98	0.11	0.03
MH-4263	600.09	599.14	(N/A)	(N/A)	599.07	0.33	0.06
MH-2120	600.2	(N/A)	(N/A)	(N/A)	599.2	0.08	0.03
MH-5392	600.35	599.4	(N/A)	(N/A)	599.03	0.06	0.02
MH-4262	600.4	599.45	(N/A)	(N/A)	599.4	0.27	0.05
MH-5950	600.54	(N/A)	(N/A)	(N/A)	599.45	0.03	0.02
MH-4833	600.66	599.25	(N/A)	(N/A)	598.53	10.13	0.24

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-2571	600.67	599.72	(N/A)	(N/A)	599.72	0.04	0.02
MH-6503	600.68	(N/A)	(N/A)	(N/A)	599.19	0.17	0.04
MH-2570	600.75	599.8	(N/A)	(N/A)	599.8	0.03	0.02
MH-2511	600.96	600.01	(N/A)	(N/A)	600.01	0.02	0.01
MH-5588	600.98	599.89	(N/A)	(N/A)	599.89	0.18	0.04
MH-2510	601	(N/A)	(N/A)	(N/A)	600.05	0	0.01
MH-2627	601.16	600.21	(N/A)	(N/A)	600.21	0.06	0.02
MH-4832	601.17	599.75	(N/A)	(N/A)	599.35	10.05	0.24
MH-2504	601.35	600.36	(N/A)	(N/A)	600.36	0.04	0.02
MH-2503	601.42	(N/A)	(N/A)	(N/A)	600.47	0.01	0.01
MH-5085	602.07	600.66	(N/A)	(N/A)	599.87	9.99	0.23
MH-5959	602.95	601.65	(N/A)	(N/A)	600.86	9.89	0.23
MH-6624	602.97	602.02	(N/A)	(N/A)	601.9	1.46	0.13
MH-60	603.37	601.69	602.39	(N/A)	601.57	4.07	0.22
MH-59	603.37	601.7	(N/A)	(N/A)	601.7	1.75	0.12
MH-5958	603.39	602.09	(N/A)	(N/A)	602.09	9.79	0.23
MH-4211	603.43	602.36	601.38	(N/A)	598.77	7.46	0.23
MH-535	603.5	602.53	602.49	(N/A)	602.43	3.04	0.17
MH-3221	603.79	602.77	(N/A)	(N/A)	602.67	1.22	0.1
MH-6286	604.24	603.22	603.29	(N/A)	603.1	1.16	0.1
MH-6776	604.5	603	(N/A)	(N/A)	603	9.69	0.23
MH-6603	604.75	601.43	(N/A)	(N/A)	601.43	4.28	0.22
MH-694	604.85	603.8	(N/A)	(N/A)	603.48	0.95	0.09
MH-693	604.86	603.88	603.91	(N/A)	603.84	0.91	0.1
MH-4509	604.91	(N/A)	(N/A)	(N/A)	603.96	0.11	0.04
MH-6774	605.4	604.08	(N/A)	(N/A)	604.08	9.6	0.32
MH-6775	605.5	604	(N/A)	(N/A)	604	9.6	0.22
MH-6773	605.5	604.25	(N/A)	(N/A)	604.2	9.55	0.33
MH-6772	606	604.73	(N/A)	(N/A)	604.73	9.29	0.28
MH-5812	606.37	605.42	(N/A)	(N/A)	603.97	0.15	0.04
MH-6497	606.7	(N/A)	(N/A)	(N/A)	605.75	0.12	0.03
MH-6477	606.73	605.71	(N/A)	(N/A)	605.66	2.05	0.18
MH-1167	606.85	604.44	(N/A)	(N/A)	604.44	0.77	0.08
MH-1166	606.95	604.83	606	(N/A)	604.8	0.7	0.08
MH-4526	607.48	606.28	(N/A)	(N/A)	606.28	0.52	0.07
MH-6476	607.53	606.51	(N/A)	(N/A)	606.51	1.87	0.12
MH-5813	607.54	(N/A)	(N/A)	(N/A)	605.88	0.08	0.03
MH-6829	607.58	606.63	605.3	(N/A)	605.17	2.83	0.19
MH-4181	607.96	605.02	606.76	(N/A)	604.97	8.64	0.34
MH-5906	608.08	607.13	(N/A)	(N/A)	607.13	0.23	0.05
MH-6656	608.1	(N/A)	(N/A)	(N/A)	604.24	0.68	0.08
MH-334	608.16	(N/A)	(N/A)	(N/A)	607.21	0.04	0.02
MH-333	608.16	606.96	607.21	(N/A)	606.96	5.61	0.18
MH-5059	608.41	607.41	606.74	(N/A)	606.74	0.46	0.07
MH-6445	608.43	607.14	(N/A)	(N/A)	607.14	1.64	0.12
MH-5905	608.52	(N/A)	(N/A)	(N/A)	607.57	0.15	0.04
MH-6615	608.6	(N/A)	(N/A)	(N/A)	607.65	0.37	0.06
MH-5058	608.61	607.66	(N/A)	(N/A)	607.66	0.17	0.04
MH-6305	608.69	607.67	(N/A)	(N/A)	607.67	1.51	0.11
MH-4411	608.75	(N/A)	(N/A)	(N/A)	607.8	0.04	0.03
MH-531	608.9	607.21	(N/A)	(N/A)	607.21	5.38	0.19

NODE REPORT ZONE 2,3 & 5 - Part - 3

Label	Elevation (Ground) (m)	Elevation (Invert in 1) (m)	Elevation (Invert in 2) (m)	Elevation (Invert in 3) (m)	Elevation (Invert) (m)	Base Load (Local Sanitary) (MLD)	Depth (Out) (m)
MH-4412	608.92	607.78	607.97	(N/A)	604.22	1.78	0.13
MH-6616	609.37	607.85	(N/A)	(N/A)	607.83	0.72	0.1
MH-5977	609.38	(N/A)	(N/A)	(N/A)	608.18	0.14	0.04
MH-6825	609.48	607.62	(N/A)	(N/A)	607.58	0.92	0.11
MH-859	609.54	608.46	607.48	(N/A)	607.3	4.95	0.25
MH-6826	609.54	608.19	(N/A)	(N/A)	608.19	0.48	0.08
MH-6827	609.66	(N/A)	(N/A)	(N/A)	608.71	0.17	0.04
MH-801	609.75	608.8	(N/A)	(N/A)	608.73	1.11	0.12
MH-6828	609.75	608.69	(N/A)	(N/A)	608.69	1.15	0.12
MH-800	609.75	608.65	(N/A)	(N/A)	607.85	1.18	0.1
MH-6529	609.9	608.88	608.88	(N/A)	608.83	3.72	0.19
MH-6590	610.13	609.18	(N/A)	(N/A)	604.25	2.06	0.14
MH-6471	610.34	609.39	(N/A)	(N/A)	608.93	1.51	0.12
MH-5960	610.73	609.78	(N/A)	(N/A)	609.31	1.01	0.1
MH-6539	611.47	(N/A)	(N/A)	(N/A)	610.52	0.44	0.07
MH-857	611.55	610.6	610.52	(N/A)	609.92	1.55	0.11
MH-6016	611.56	610.61	(N/A)	(N/A)	610.31	1.23	0.11
MH-858	611.57	610.62	(N/A)	(N/A)	610.55	0.91	0.1
MH-3428	611.87	610.92	610.92	(N/A)	610.92	0.49	0.07
MH-6017	611.87	610.92	(N/A)	(N/A)	610.92	0.9	0.1
MH-6589	612.14	611.19	(N/A)	(N/A)	610.49	1.33	0.11
MH-3427	612.22	611.27	(N/A)	(N/A)	611.11	0.19	0.04
MH-6819	612.31	611.33	(N/A)	(N/A)	611.33	0.72	0.09
MH-4699	612.39	(N/A)	(N/A)	(N/A)	611.4	0.22	0.05
MH-6527	612.5	(N/A)	(N/A)	(N/A)	611.55	0.52	0.07
MH-6820	612.69	611.56	(N/A)	(N/A)	611.56	0.44	0.07
MH-6770	612.71	611.76	(N/A)	(N/A)	611.48	0.9	0.09
MH-6095	612.73	611.78	(N/A)	(N/A)	611.02	0.82	0.09
MH-4050	612.73	611.51	(N/A)	(N/A)	611.51	0.17	0.04
MH-6531	612.86	610.14	(N/A)	(N/A)	610.07	0.9	0.1
MH-4700	612.93	(N/A)	(N/A)	(N/A)	611.98	0.13	0.03
MH-6824	613.01	612.06	(N/A)	(N/A)	612.06	0.65	0.08
MH-6821	613.09	(N/A)	(N/A)	(N/A)	612.14	0.14	0.04
MH-6771	613.31	612.36	(N/A)	(N/A)	612.28	0.63	0.08
MH-691	613.35	612.39	(N/A)	(N/A)	612.39	0.57	0.07
MH-6822	613.44	612.46	(N/A)	(N/A)	612.46	0.51	0.08
MH-6823	613.53	612.55	(N/A)	(N/A)	612.55	0.47	0.08
MH-6604	613.62	609.68	(N/A)	(N/A)	609.68	1.79	0.13
MH-5953	613.63	(N/A)	(N/A)	(N/A)	612.68	0.39	0.07
MH-6532	614.27	609.88	(N/A)	(N/A)	609.88	1.31	0.14
MH-6670	615	(N/A)	(N/A)	(N/A)	613.81	0.37	0.06

OUTFALL REPORT ZONE 2,3 & 5 - Part - 3

ID	Label	Elevation (Ground) (m)	Elevation (Invert) (m)	Hydraulic Grade (m)	Flow (Total Out) (MLD)
690	OF-1	546.5	543.8	544.68	275.8061

PART – 3R

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
CO-402	MH-6745	MH-6761	555.86	555.25	553.86	553.25	183	1,200.00	2.29	303.342	223.4207	105.5095	0.8	0.8	0.8	48.9	0.011	Concrete
CO-403	MH-6761	MH-6762	555.25	554.64	553.25	552.64	186.6	1,200.00	2.29	303.342	223.4207	105.5095	0.8	0.8	0.8	48.9	0.011	Concrete
CO-366	MH-6743	MH-6672	553.7	553.45	551.7	551.45	78.6	1,200.00	2.29	303.257	223.4522	105.5095	0.8	0.8	0.8	52	0.011	Concrete
CO-386	MH-6559	MH-6753	560.46	560.36	555.36	555.31	57.6	1,200.00	1.43	1,000.00	123.0523	100.271	3.9	3.9	3.85	69.3	0.011	Concrete
CO-387	MH-6753	MH-6560	560.36	560.26	555.31	555.25	58	1,200.00	1.43	1,000.00	123.0523	100.5877	3.8	3.85	3.81	69.8	0.011	Concrete
CO-392	MH-6755	MH-6756	559.68	559.02	555.07	554.87	200.2	1,200.00	1.44	1,000.00	123.0523	105.5095	3.2	3.41	2.95	69.9	0.011	Concrete
CO-393	MH-6756	MH-6728	559.02	558.2	554.87	554.63	248.4	1,200.00	1.44	1,000.00	123.0523	105.5095	2.7	2.95	2.38	69.7	0.011	Concrete
CO-394	MH-6728	MH-6757	558.2	557.72	554.63	554.48	147.2	1,200.00	1.44	1,000.00	123.0523	105.5095	2.2	2.38	2.04	69.3	0.011	Concrete
CO-396	MH-6757	MH-6758	557.72	557.11	554.48	554.29	183.7	1,200.00	1.44	1,000.00	123.0523	105.5095	1.8	2.04	1.62	68.3	0.011	Concrete
CO-398	MH-6758	MH-6759	557.11	556.59	554.29	554.14	158.3	1,200.00	1.44	1,000.00	123.0523	105.5095	1.4	1.62	1.25	65.9	0.011	Concrete
CO-400	MH-6759	MH-6760	556.59	555.87	554.14	553.87	219.7	1,200.00	1.56	823.294	135.6164	105.5095	1	1.25	0.8	57.1	0.011	Concrete
CO-404	MH-6762	MH-6763	554.64	554.14	552.64	552.14	150.5	1,200.00	2.29	303.257	223.4522	105.5095	0.8	0.8	0.8	48.9	0.011	Concrete
CO-405	MH-6763	MH-6743	554.14	553.7	552.14	551.7	132.4	1,200.00	2.29	303.257	223.4522	105.5095	0.8	0.8	0.8	48.9	0.011	Concrete
CO-6	MH-6672	OF-1	553.45	553.43	551.45	551.43	7.4	1,200.00	1.81	570.725	162.8832	106.456	0.8	0.8	0.8	52.1	0.011	Concrete
CO-8	MH-6568	MH-4	604.52	603.32	602.8	602.3	49.7	217	1.5	100	4.476	2.7614	1.2	1.51	0.8	62.8	0.01	- DPE
CO-9	MH-4	MH-3	603.32	601.85	601.44	600.83	60.7	217	1.51	100	4.476	2.8085	1.2	1.66	0.8	63.4	0.01	- DPE
CO-390	MH-6560	MH-6755	560.26	559.68	555.25	555.07	174.9	1,200.00	1.44	1,000.00	123.0523	105.5095	3.6	3.81	3.41	70	0.011	- DPE
CO-401	MH-6760	MH-6745	555.87	555.86	553.87	553.86	3.8	1,200.00	2.29	304.751	222.9035	105.5095	0.8	0.8	0.8	49.4	0.011	- DPE
ZONE 235-4053	MH-3681	MH-3682	568.57	567.7	566.96	566.75	21.4	150	0.57	100	1.52	0.1007	1.1	1.45	0.8	18.7	0.011	HDPE
ZONE 235-3896	MH-3683	MH-2812	576.26	576	574.61	574.43	21.5	150	0.6	117.621	1.4015	0.1428	1.5	1.5	1.42	24.8	0.011	HDPE
ZONE 235-4453	MH-2464	MH-3684	595.34	595.84	594.39	594.6	21.5	150	0.24	100	1.52	0.0063	0.9	0.8	1.09	4.8	0.011	HDPE
ZONE 235-6505	MH-2302	MH-2830	581.92	581.78	580.97	580.77	21.5	150	0.6	105.584	1.4793	0.1266	0.8	0.8	0.87	21.2	0.011	HDPE
ZONE 235-5769	MH-3689	MH-3690	576.78	576.09	575.36	575.14	21.5	150	0.32	100	1.52	0.0147	1	1.27	0.8	7.3	0.011	HDPE
ZONE 235-1494	MH-3699	MH-3700	588.53	588.4	587.58	587.45	21.5	150	0.24	165.839	1.1803	0.0096	0.8	0.8	0.8	6.3	0.011	HDPE
ZONE 235-4149	MH-3702	MH-89	566.72	566.98	565.77	565.75	21.8	150	0.19	1,000.00	0.4807	0.0347	0.9	0.8	1.08	14.9	0.011	HDPE
ZONE 235-1510	MH-3703	MH-2513	587.09	587.2	586.14	586.12	21.5	150	0.16	1,000.00	0.4807	0.0203	0.9	0.8	0.93	11.4	0.011	HDPE
ZONE 235-1517	MH-3707	MH-3708	589.24	589.03	588.29	588.08	21.5	150	0.31	105.903	1.4771	0.0147	0.8	0.8	0.8	10.1	0.011	HDPE
ZONE 235-4384	MH-3710	MH-22	600.64	600.97	599.69	599.67	19.5	150	0.16	1,000.00	0.4807	0.022	1	0.8	1.15	17.1	0.011	HDPE
ZONE 235-1643	MH-3713	MH-3714	582.15	581.95	581.2	581	21.6	150	0.42	103.947	1.4909	0.0359	0.8	0.8	0.8	11.3	0.011	HDPE
ZONE 235-6486	MH-3264	MH-3715	581.84	581.72	580.89	580.77	21.6	150	0.33	177.993	1.1393	0.0304	0.8	0.8	0.8	12.4	0.011	HDPE
ZONE 235-3601	MH-3717	MH-738	574.66	575.31	573.71	573.68	26.1	150	0.19	1,000.00	0.4807	0.035	1.1	0.8	1.48	36	0.011	HDPE
ZONE 235-6494	MH-2525	MH-1252	581.74	581.65	580.79	580.7	21.7	150	0.29	258.616	0.9452	0.0326	0.8	0.8	0.8	12	0.011	HDPE
ZONE 235-4377	MH-3721	MH-201	600.33	599.99	599.3	599.04	26.8	150	0.3	100	1.52	0.0115	0.8	0.87	0.8	6.4	0.011	HDPE
ZONE 235-5785	MH-2749	MH-3105	571.87	572.09	570.92	570.71	21.7	150	0.6	104.049	1.4902	0.1222	1	0.8	1.23	23	0.011	HDPE
ZONE 235-1369	MH-3722	MH-3723	590.98	591.73	590.03	590.01	21.7	150	0.12	1,000.00	0.4807	0.0084	1.2	0.8	1.57	11.1	0.011	HDPE
ZONE 235-1535	MH-3329	MH-3724	585.02	585.06	583.95	583.93	21.7	150	0.18	1,000.00	0.4807	0.0297	1	0.92	0.98	18.9	0.011	HDPE
ZONE 235-3871	MH-999	MH-3725	576.98	577.59	574.87	574.92	13.6	150	0.6	254.432	0.9529	0.3818	2.2	1.96	2.52	43.9	0.011	HDPE
ZONE 235-1689	MH-3728	MH-135	584.11	584.8	583.16	583.14	24	150	0.2	1,000.00	0.4807	0.0473	1.2	0.8	1.51	24.9	0.011	HDPE
ZONE 235-1954	MH-3729	MH-3730	589.05	589.36	587.23	587.21	21.8	150	0.25	1,000.00	0.4807	0.103	1.8	1.67	1.99	26.9	0.011	HDPE
ZONE 235-1273	MH-3731	MH-3732	594.16	594.06	591.57	591.54	21.8	217	0.6	616.389	1.8029	1.0808	2.3	2.36	2.3	55.4	0.01	HDPE
ZONE 235-1363	MH-3737	MH-2157	591.66	591.82	590.43	590.41	21.8	150	0.17	1,000.00	0.4807	0.024	1.2	1.08	1.27	15.8	0.011	HDPE
ZONE 235-1303	MH-2047	MH-1570	586.97	586.68	585.4	585.38	21.9	400	0.63	1,000.00	7.2303	2.7879	1	1.18	0.9	35.9	0.01	HDPE
ZONE 235-6422	MH-3742	MH-3743	564.7	565.1	561.47	561.44	21.9	271	0.6	953.537	2.6217	2.1846	3.2	2.97	3.39	53.9	0.01	HDPE
ZONE 235-1956	MH-3745	MH-3746	589.71	589.45	586.88	586.71	21.9	150	0.6	125.079	1.3591	0.155	2.6	2.68	2.59	25.7	0.011	HDPE
ZONE 235-3648	MH-3747	MH-3748	581.87	581.62	580.89	580.67	21.9	150	0.27	100	1.52	0.0084	0.8	0.83	0.8	5.5	0.011	HDPE
ZONE 235-5023	MH-3351	MH-1634	581.57	581.98	580.62	580.79	17.6	150	1.21	100	1.672	1.2106	0.9	0.8	1.04	67.6	0.01	HDPE
ZONE 235-1493	MH-3753	MH-3700	588.46	588.4	587.51	587.45	21.9	150	0.28	381.29	0.7784	0.0436	0.8	0.8	0.8	14.6	0.011	HDPE
ZONE 235-3653	MH-1000	MH-289	581.03	580.73	579.33	579.32	11.9	150	0.22	1,000.00	0.4807	0.0644	1.4	1.54	1.26	20	0.011	HDPE
ZONE 235-4424	MH-3755	MH-1646	600.43	600.77	599.48	599.46	21.9	150	0.22	1,000.00	0.4807	0.0569	1	0.8	1.16	23.7	0.011	HDPE
ZONE 235-1472	MH-3759	MH-3760	588.83	588.7	587.88	587.75	21.9	150	0.29	170.406	1.1644	0.0191	0.8	0.8	0.8	8.8	0.011	HDPE
ZONE 235-3775	MH-3763	MH-403	583.56	583.05	581.97	581.81	18.7	150	0.6	114.123	1.4229	0.1379	1.3	1.44	1.09	24.2	0.011	HDPE
ZONE 235-3872	MH-3725	MH-3766	577.59	578.2	574.92	575.01	22	150	0.6	243.772	0.9735	0.36	2.8	2.52	3.04	42.5	0.011	HDPE
ZONE 235-4159	MH-3770	MH-3359	566.35	566.74	565.4	565.38	22.2	150	0.15	1,000.00	0.4807	0.0156	1	0.8	1.21	19.8	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-2310	MH-1873	MH-3773	582.49	582.45	581.17	581.19	22	150	0.25	1,000.00	0.4807	0.099	1.1	1.17	1.11	30.5	0.011	HDPE
ZONE 235-1477	MH-3774	MH-3760	588.67	588.7	587.44	587.42	22	150	0.24	1,000.00	0.4807	0.0891	1.1	1.08	1.13	31.3	0.011	HDPE
ZONE 235-136	MH-3776	MH-2248	568.85	568.95	567.48	567.45	22.1	271	0.6	780.929	2.897	1.536	1.2	1.1	1.23	52.6	0.01	HDPE
ZONE 235-1617	MH-3777	MH-3537	584.79	584.5	583.77	583.55	22.1	150	0.47	100	1.52	0.0524	0.8	0.87	0.8	13.5	0.011	HDPE
ZONE 235-1841	MH-157	MH-3779	572.49	573.04	571.54	571.71	17.2	150	0.38	100	1.52	0.0251	1	0.8	1.18	9.4	0.011	HDPE
ZONE 235-6501	MH-3784	MH-3785	582.7	582.41	581.68	581.46	22.1	150	0.4	100	1.52	0.0314	0.8	0.86	0.8	10.5	0.011	HDPE
ZONE 235-3645	MH-3786	MH-2545	582.38	582.06	581.34	581.11	23	150	0.52	100	1.52	0.0696	0.8	0.89	0.8	24	0.011	HDPE
ZONE 235-6509	MH-3468	MH-3787	581.6	581.4	580.65	580.45	22.1	150	0.47	110.537	1.4458	0.0579	0.8	0.8	0.8	16.3	0.011	HDPE
ZONE 235-1489	MH-2882	MH-104	588.31	588.3	586.46	586.63	24.3	150	0.6	146.358	1.2564	0.1871	1.6	1.69	1.52	28.1	0.011	HDPE
ZONE 235-3842	MH-3788	MH-457	580.18	580.38	579.2	579.31	21.2	175	0.84	199.981	1.7835	0.764	0.9	0.8	0.9	46.2	0.01	HDPE
ZONE 235-1530	MH-3789	MH-3790	587.28	587.55	586.33	586.31	22.2	150	0.15	952.929	0.4924	0.0158	0.9	0.8	1.09	24.4	0.011	HDPE
ZONE 235-5770	MH-3690	MH-3511	576.09	575.25	574.52	574.3	22.2	150	0.42	100	1.52	0.0345	1.1	1.42	0.8	11	0.011	HDPE
ZONE 235-4279	MH-2058	MH-3800	595.3	595.13	594.16	594.18	22.2	150	0.18	1,000.00	0.4807	0.0294	0.9	0.99	0.8	15.5	0.011	HDPE
ZONE 235-1518	MH-3708	MH-3801	589.03	589.1	588.08	588.05	22.2	150	0.18	651.248	0.5956	0.0202	0.8	0.8	0.9	13.9	0.011	HDPE
ZONE 235-1524	MH-3057	MH-2109	588.56	588.27	587.55	587.32	22.2	150	0.49	100	1.52	0.0582	0.8	0.86	0.8	14.3	0.011	HDPE
ZONE 235-4415	MH-1524	MH-3369	596.22	596.57	595.27	595.49	22.2	150	0.99	100	1.672	0.5373	0.9	0.8	0.93	43.2	0.01	HDPE
ZONE 235-4176	MH-3809	MH-1658	600.88	600.35	599.62	599.4	22.3	150	0.3	100	1.52	0.0124	1	1.11	0.8	6.7	0.011	HDPE
ZONE 235-3796	MH-894	MH-497	581.69	581.45	580.59	580.5	11.3	150	0.62	131.629	1.3249	0.181	0.9	0.95	0.8	27.4	0.011	HDPE
ZONE 235-1727	MH-3810	MH-3811	580.98	581.11	579.79	579.76	22.3	150	0.24	1,000.00	0.4807	0.0822	1.1	1.04	1.2	30.3	0.011	HDPE
ZONE 235-5837	MH-3816	MH-3817	581.2	581.13	580.25	580.18	22.3	150	0.29	322.897	0.8459	0.0421	0.8	0.8	0.8	15.4	0.011	HDPE
ZONE 235-3834	MH-3818	MH-1909	580.7	580.48	579.75	579.53	22.3	150	0.99	100	1.672	0.5379	0.8	0.8	0.8	43.3	0.01	HDPE
ZONE 235-3982	MH-2471	MH-3821	565.89	566.31	564.94	565.17	22.3	150	0.3	100	1.52	0.0124	0.9	0.8	0.99	8	0.011	HDPE
ZONE 235-4316	MH-3825	MH-3584	601.12	601.61	599.93	599.98	22.4	150	0.31	462.874	0.7065	0.0756	1.3	1.03	1.48	20.3	0.011	HDPE
ZONE 235-1604	MH-3566	MH-2797	582.35	582.59	581.13	581.11	22.4	150	0.2	1,000.00	0.4807	0.044	1.2	1.07	1.33	16.8	0.011	HDPE
ZONE 235-44	MH-3831	MH-3832	584.88	584.45	583.72	583.5	22.5	150	0.47	100	1.52	0.0498	0.9	1.01	0.8	13.2	0.011	HDPE
ZONE 235-1594	MH-2797	MH-3833	582.59	582.28	580.56	580.52	22.5	217	0.6	554.23	1.9013	0.9171	1.7	1.81	1.54	44	0.01	HDPE
ZONE 235-5003	MH-3837	MH-3838	584.4	584.48	583.45	583.43	22.8	150	0.21	1,000.00	0.4807	0.054	0.9	0.8	0.91	18.6	0.011	HDPE
ZONE 235-1764	MH-3839	MH-3840	570.53	571.2	569.58	569.56	22.5	150	0.13	1,000.00	0.4807	0.0101	1.1	0.8	1.49	12.7	0.011	HDPE
ZONE 235-3873	MH-3766	MH-3847	578.2	578.83	575.01	575.1	22.6	150	0.6	238.225	0.9848	0.348	3.3	3.04	3.57	41	0.011	HDPE
ZONE 235-1953	MH-3850	MH-3729	588.68	589.05	587.26	587.23	22.6	150	0.25	1,000.00	0.4807	0.0894	1.5	1.28	1.67	30	0.011	HDPE
ZONE 235-5815	MH-3851	MH-3852	583.03	582.45	581.73	581.5	22.6	150	0.53	100	1.52	0.0795	1	1.16	0.8	16.7	0.011	HDPE
ZONE 235-6471	MH-3606	MH-1793	581.16	581.34	578.88	578.79	22.6	150	0.6	237.74	0.9858	0.347	2.3	2.12	2.4	41	0.011	HDPE
ZONE 235-1332	MH-3859	MH-3274	587.75	587.71	586.74	586.72	22.7	150	0.18	1,000.00	0.4807	0.0335	0.9	0.86	0.84	18.6	0.011	HDPE
ZONE 235-3805	MH-3860	MH-992	581.88	581.49	580.76	580.54	22.3	150	0.54	100	1.52	0.085	0.9	0.96	0.8	21.3	0.011	HDPE
ZONE 235-1642	MH-3863	MH-3713	582.4	582.15	581.43	581.2	22.7	150	0.38	100	1.52	0.0271	0.8	0.82	0.8	11.2	0.011	HDPE
ZONE 235-6	MH-3177	MH-3864	580.18	580.09	579.23	579.14	22.7	150	0.25	251.049	0.9593	0.0191	0.8	0.8	0.8	10.4	0.011	HDPE
ZONE 235-1970	MH-3865	MH-3866	587.82	587.86	585.84	585.96	22.7	150	0.6	198.583	1.0786	0.2731	1.8	1.83	1.76	34.4	0.011	HDPE
ZONE 235-4353	MH-3870	MH-207	602.53	602.25	601.54	601.3	24	150	0.2	100	1.52	0.0031	0.8	0.83	0.8	3.3	0.011	HDPE
ZONE 235-3780	MH-404	MH-291	583.04	582.45	581.34	581.21	16.2	150	0.6	130.232	1.332	0.161	1.3	1.56	1.09	25.9	0.011	HDPE
ZONE 235-1318	MH-3875	MH-3876	587.43	587.49	586.28	586.26	22.8	150	0.17	1,000.00	0.4807	0.0248	1	1	1.08	16.2	0.011	HDPE
ZONE 235-1386	MH-3877	MH-3878	589.81	589.83	588.86	588.84	22.8	150	0.24	1,000.00	0.4807	0.0866	0.8	0.8	0.84	29.4	0.011	HDPE
ZONE 235-3987	MH-149	MH-3879	565.24	564.81	563.84	563.86	21.9	150	0.21	1,000.00	0.4807	0.0564	1	1.25	0.8	19	0.011	HDPE
ZONE 235-6570	MH-3880	MH-3881	564.93	564.72	563.98	563.77	22.8	150	0.94	107.781	1.4641	0.6353	0.8	0.8	0.8	53.9	0.011	HDPE
ZONE 235-1307	MH-3886	MH-3887	587.22	587.14	586.27	586.19	22.9	150	0.29	306.245	0.8686	0.0406	0.8	0.8	0.8	16.3	0.011	HDPE
ZONE 235-4452	MH-601	MH-3893	595.8	596.27	594.85	595.08	22.9	150	0.27	100	1.52	0.0085	0.9	0.8	1.04	13.9	0.011	HDPE
ZONE 235-138	MH-2249	MH-2307	568.99	569.17	567.44	567.41	23	271	0.6	803.274	2.8564	1.6032	1.4	1.28	1.49	55	0.01	HDPE
ZONE 235-4946	MH-2767	MH-3897	586.7	586.26	584.62	584.74	23	150	0.6	192.285	1.0962	0.2632	1.7	1.93	1.37	43.1	0.011	HDPE
ZONE 235-1787	MH-516	MH-3901	571.89	571.81	568.97	568.93	23	217	0.6	553.088	1.9032	0.9143	2.7	2.7	2.67	48.8	0.01	HDPE
ZONE 235-3615	MH-3907	MH-321	578.59	577.87	577.11	576.92	18.3	150	0.81	100	1.52	0.327	1.1	1.33	0.8	34.1	0.011	HDPE
ZONE 235-1319	MH-3876	MH-3916	587.49	587.52	586.26	586.24	23.1	150	0.18	1,000.00	0.4807	0.0315	1.1	1.08	1.13	18.7	0.011	HDPE
ZONE 235-1281	MH-4161	MH-4162	592.58	592.8	591.52	591.71	24.7	150	0.6	129.396	1.3363	0.1593	0.9	0.91	0.94	26.7	0.011	HDPE
ZONE 235-3756	MH-3242	MH-67	580.05	579.67	578.96	578.72	23.7	150	0.35	100	1.52	0.019	0.9	0.94	0.8	8.2	0.011	HDPE
ZONE 235-4933	MH-1385	MH-395	587.05	587	585.58	585.56	26.9	150	0.2	1,000.00	0.4807	0.0473	1.3	1.31	1.3	17.4	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-6502	MH-3785	MH-2188	582.41	582.1	581.39	581.15	24.8	150	0.47	100	1.52	0.0523	0.8	0.87	0.8	15.6	0.011	HDPE
ZONE 235-4721	MH-4172	MH-4173	593.54	593.31	592.59	592.36	24.8	150	0.47	107.867	1.4635	0.057	0.8	0.8	0.8	21.1	0.011	HDPE
ZONE 235-5847	MH-3930	MH-4174	588.23	587.53	586.83	586.58	24.9	150	0.61	100	1.52	0.1222	1	1.25	0.8	20.7	0.011	HDPE
ZONE 235-1704	MH-3968	MH-2878	586.73	586.49	585.78	585.54	24.9	150	0.52	103.539	1.4938	0.0763	0.8	0.8	0.8	18.1	0.011	HDPE
ZONE 235-3760	MH-754	MH-4177	580.36	580.62	579.41	579.66	24.6	150	0.21	100	1.52	0.0038	0.8	0.8	0.81	17.6	0.011	HDPE
ZONE 235-10	MH-4178	MH-4179	584.17	583.92	583.22	582.97	24.9	150	0.62	100.17	1.5187	0.1351	0.8	0.8	0.8	21.7	0.011	HDPE
ZONE 235-1512	MH-4182	MH-4183	588	588.1	587.05	587.03	24.9	150	0.19	1,000.00	0.4807	0.0352	0.9	0.8	0.92	15	0.011	HDPE
ZONE 235-51	MH-4190	MH-4191	582.01	581.77	581.06	580.81	24.9	150	0.6	100.802	1.514	0.1198	0.8	0.8	0.82	22.8	0.011	HDPE
ZONE 235-3807	MH-993	MH-95	581.45	581.06	580.28	580.11	18	150	0.58	100	1.52	0.1068	0.9	1.02	0.8	19.3	0.011	HDPE
ZONE 235-5998	MH-3162	MH-1296	581.15	580.5	579.8	579.55	25	150	0.62	100	1.52	0.1303	1	1.2	0.8	21.3	0.011	HDPE
ZONE 235-3785	MH-4197	MH-864	581.95	581.7	581	580.75	25.4	150	0.44	101.99	1.5051	0.0412	0.8	0.8	0.8	17	0.011	HDPE
ZONE 235-3844	MH-4203	MH-411	581.56	581.24	580.58	580.29	29	150	0.26	100	1.52	0.0067	0.8	0.83	0.8	4.9	0.011	HDPE
ZONE 235-1317	MH-4204	MH-3875	587.34	587.43	586.31	586.28	25.1	150	0.16	1,000.00	0.4807	0.0199	0.9	0.88	1	14.5	0.011	HDPE
ZONE 235-3939	MH-655	MH-4205	579.34	579.3	578.33	578.35	15.2	150	0.16	1,000.00	0.4807	0.0193	0.8	0.86	0.8	11.1	0.011	HDPE
ZONE 235-1315	MH-4212	MH-4213	587.31	587.29	586.36	586.33	25.1	150	0.11	1,000.00	0.4807	0.0064	0.8	0.8	0.81	9.3	0.011	HDPE
ZONE 235-116	MH-4214	MH-4215	581.02	580.95	580.07	579.96	25.1	150	0.6	216.022	1.0342	0.3054	0.8	0.8	0.84	36.3	0.011	HDPE
ZONE 235-5834	MH-4216	MH-3576	581.77	581.49	580.79	580.54	25.1	150	0.26	100	1.52	0.0074	0.8	0.83	0.8	7.1	0.011	HDPE
ZONE 235-3790	MH-828	MH-4197	582.39	581.95	581.18	581	25.3	150	0.32	139.499	1.287	0.0216	0.9	1.06	0.8	11	0.011	HDPE
ZONE 235-5801	MH-4217	MH-4218	578.34	578.03	577.33	577.08	25.1	150	0.29	100	1.52	0.0107	0.8	0.87	0.8	6.2	0.011	HDPE
ZONE 235-3655	MH-943	MH-703	580.72	580.56	579.08	578.88	20.7	150	0.54	106.583	1.4723	0.0898	1.5	1.49	1.53	22.1	0.011	HDPE
ZONE 235-1646	MH-4220	MH-3920	586.71	587.08	585.76	585.73	25.2	150	0.12	1,000.00	0.4807	0.0071	1	0.8	1.2	10.7	0.011	HDPE
ZONE 235-1702	MH-417	MH-3967	587.17	586.92	586.22	585.97	25.3	150	0.47	102.596	1.5007	0.0516	0.8	0.8	0.8	15.2	0.011	HDPE
ZONE 235-1722	MH-9	MH-2426	581.14	580.97	578.13	578.11	8.5	217	0.6	514.527	1.9733	0.8227	2.7	2.79	2.64	45.8	0.01	HDPE
ZONE 235-5863	MH-4230	MH-4231	583.34	582.66	581.96	581.71	25.4	150	0.61	100	1.52	0.1234	1	1.23	0.8	20.8	0.011	HDPE
ZONE 235-4307	MH-1212	MH-4234	598.9	598.43	597.73	597.48	25.4	150	0.78	100	1.52	0.2969	0.9	1.02	0.8	36.1	0.011	HDPE
ZONE 235-1458	MH-2167	MH-4235	589.94	591.01	587.27	587.15	25.4	150	0.6	215.506	1.0354	0.3044	3.1	2.52	3.71	38.3	0.011	HDPE
ZONE 235-4432	MH-4236	MH-4237	598.59	598.46	597.64	597.51	25.4	150	0.22	191.893	1.0973	0.0095	0.8	0.8	0.8	6.4	0.011	HDPE
ZONE 235-1470	MH-4239	MH-4240	588.9	588.75	587.95	587.8	25.4	150	0.21	174.816	1.1496	0.0069	0.8	0.8	0.8	5.3	0.011	HDPE
ZONE 235-45	MH-3832	MH-4241	584.45	584.07	583.37	583.12	25.4	150	0.48	100	1.52	0.0567	0.9	0.92	0.8	14.1	0.011	HDPE
ZONE 235-1614	MH-3650	MH-3536	585.15	584.79	584.1	583.84	25.5	150	0.59	100	1.52	0.1091	0.9	0.9	0.8	19.5	0.011	HDPE
ZONE 235-1634	MH-2083	MH-2128	583.61	583.26	582.15	581.98	25.5	150	0.6	152.43	1.2312	0.1974	1.2	1.31	1.13	27.7	0.011	HDPE
ZONE 235-5807	MH-3337	MH-4246	576.45	576.04	575.35	575.09	25.5	150	0.64	100	1.52	0.1489	0.9	0.95	0.8	27.3	0.011	HDPE
ZONE 235-3824	MH-1681	MH-3595	580.82	580.53	579.83	579.58	25.6	150	0.65	100	1.52	0.1574	0.8	0.83	0.8	26.4	0.011	HDPE
ZONE 235-3952	MH-4247	MH-4248	565.27	565.05	564.3	564.07	25.1	175	1.16	112.129	2.3818	1.153	0.8	0.8	0.8	53.4	0.01	HDPE
ZONE 235-37	MH-3439	MH-4249	578.5	578.51	577.55	577.52	25.6	150	0.21	1,000.00	0.4807	0.0497	0.8	0.8	0.84	19.5	0.011	HDPE
ZONE 235-4406	MH-2270	MH-101	600.15	599.79	598.69	598.67	25.6	150	0.25	1,000.00	0.4807	0.0918	1.1	1.31	0.98	24.3	0.011	HDPE
ZONE 235-1700	MH-4250	MH-4251	584.01	583.83	582.81	582.58	25.6	150	0.6	111.053	1.4424	0.1334	1.1	1.05	1.1	24.2	0.011	HDPE
ZONE 235-1766	MH-3840	MH-187	571.2	572	569.56	569.53	30.1	150	0.16	1,000.00	0.4807	0.0198	1.9	1.49	2.32	23.9	0.011	HDPE
ZONE 235-1596	MH-3714	MH-4253	581.95	581.59	580.38	580.34	25.6	217	0.6	588.62	1.8449	1.0052	1.2	1.35	1.04	46.4	0.01	HDPE
ZONE 235-1323	MH-2926	MH-4257	587.38	587.23	586.09	586.02	25.6	175	0.6	393.647	1.2712	0.5502	1.1	1.12	1.03	42.6	0.01	HDPE
ZONE 235-1561	MH-4265	MH-4036	586.25	586.68	585.3	585.28	25.7	150	0.1	1,000.00	0.4807	0.0048	1	0.8	1.25	8.8	0.011	HDPE
ZONE 235-1290	MH-4267	MH-4268	588.99	588.86	587.54	587.51	25.7	271	0.6	850.292	2.7763	1.7586	1.1	1.18	1.08	47.8	0.01	HDPE
ZONE 235-1314	MH-4270	MH-2047	587.13	586.97	586.18	586.02	25.7	150	0.32	164.503	1.1851	0.0258	0.8	0.8	0.8	10.1	0.011	HDPE
ZONE 235-6007	MH-2736	MH-4271	576.17	575.57	574.87	574.62	25.7	150	0.9	100	1.52	0.4785	1	1.15	0.8	41.6	0.011	HDPE
ZONE 235-1516	MH-4277	MH-3707	589.48	589.24	588.53	588.29	25.8	150	0.26	106.305	1.4743	0.0076	0.8	0.8	0.8	6.6	0.011	HDPE
ZONE 235-3607	MH-3041	MH-4278	578.03	577.23	575.17	575.13	25.8	217	0.6	625.9	1.7891	1.1091	2.3	2.65	1.89	49.7	0.01	HDPE
ZONE 235-4319	MH-907	MH-480	601.53	601.72	600.11	600.13	21.4	150	0.19	1,000.00	0.4807	0.0359	1.3	1.26	1.43	17.8	0.011	HDPE
ZONE 235-6699	MH-4279	MH-4280	580.41	580.22	577.79	577.76	27	271	0.6	846.956	2.7818	1.7482	2.3	2.35	2.19	58	0.01	HDPE
ZONE 235-3914	MH-375	MH-4285	578.25	578.27	576.86	577.09	29.8	150	0.6	129.997	1.3332	0.1606	1.1	1.24	1.03	26.6	0.011	HDPE
ZONE 235-3702	MH-4288	MH-469	577.32	577.62	576.37	576.35	16.5	150	0.18	1,000.00	0.4807	0.0341	1	0.8	1.12	20.9	0.011	HDPE
ZONE 235-6562	MH-1819	MH-2336	571	570.72	568.83	568.69	25.9	150	0.6	182.052	1.1266	0.2473	1.9	2.02	1.88	32.4	0.011	HDPE
ZONE 235-4206	MH-4289	MH-351	597.41	597.12	596.43	596.17	26.7	150	0.31	100	1.52	0.0129	0.8	0.83	0.8	6.8	0.011	HDPE
ZONE 235-1585	MH-3180	MH-4158	585.48	585.15	584.46	584.2	25.9	150	0.82	100	1.52	0.3442	0.8	0.87	0.8	35	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-1952	MH-4291	MH-3850	588.23	588.68	587.28	587.26	25.9	150	0.24	1,000.00	0.4807	0.0788	1	0.8	1.28	28.1	0.011	HDPE
ZONE 235-3832	MH-204	MH-3818	580.92	580.7	579.87	579.75	12	150	0.97	100	1.672	0.4844	0.9	0.9	0.8	46.2	0.01	HDPE
ZONE 235-4344	MH-2740	MH-2152	603.13	602.8	601.86	601.71	26	150	0.43	177.706	1.1402	0.0775	1	1.12	0.93	18	0.011	HDPE
ZONE 235-3625	MH-3927	MH-4297	582.17	582.42	581.22	581.47	26	150	0.6	101.114	1.5116	0.1206	0.8	0.8	0.8	20.5	0.011	HDPE
ZONE 235-4421	MH-2863	MH-4298	598.8	599.03	597.85	598.08	26	150	0.31	112.504	1.4331	0.016	0.8	0.8	0.8	7.7	0.011	HDPE
ZONE 235-1463	MH-4300	MH-4301	586.47	586.04	585.35	585.09	26	150	0.44	100	1.52	0.0411	0.9	0.97	0.8	12	0.011	HDPE
ZONE 235-1375	MH-4114	MH-1802	590.42	589.58	588.89	588.63	26	150	0.57	100	1.52	0.0998	1.1	1.38	0.8	18.6	0.011	HDPE
ZONE 235-5862	MH-3204	MH-4230	584.19	583.34	582.66	582.39	26.1	150	0.59	100	1.52	0.1104	1.1	1.39	0.8	19.6	0.011	HDPE
ZONE 235-4551	MH-4308	MH-2843	601.43	601.49	600.29	600.54	26.1	150	0.6	106.081	1.4758	0.1271	0.9	0.99	0.8	21.2	0.011	HDPE
ZONE 235-1621	MH-3390	MH-1706	584.59	584.22	583.53	583.27	26.2	150	0.42	100	1.52	0.0359	0.9	0.91	0.8	11.2	0.011	HDPE
ZONE 235-4976	MH-3101	MH-3464	581	581	580	579.98	26.2	150	0.17	1,000.00	0.4807	0.0258	0.9	0.85	0.87	12.8	0.011	HDPE
ZONE 235-3868	MH-4312	MH-401	575.26	576.02	574.28	574.57	28.1	175	0.95	100	2.2928	0.6095	1	0.8	1.28	38.4	0.011	HDPE
ZONE 235-4246	MH-39	MH-505	591.72	591.41	590.69	590.46	23.1	150	0.4	100	1.52	0.0313	0.8	0.87	0.8	16.9	0.011	HDPE
ZONE 235-89	MH-4313	MH-4097	580.35	580.76	579.4	579.66	25.8	150	0.64	100	1.52	0.143	0.9	0.8	0.95	22.3	0.011	HDPE
ZONE 235-1846	MH-4314	MH-4315	568.9	568.71	567.95	567.76	26.2	150	0.27	139.893	1.2851	0.0128	0.8	0.8	0.8	9.8	0.011	HDPE
ZONE 235-4372	MH-52	MH-4316	600.91	600.51	599.77	599.56	21.2	150	0.86	100	1.52	0.4078	0.9	0.99	0.8	38.3	0.011	HDPE
ZONE 235-50	MH-2467	MH-4190	582.37	582.01	581.32	581.06	26.2	150	0.59	100	1.52	0.1089	0.9	0.91	0.8	21.6	0.011	HDPE
ZONE 235-4355	MH-216	MH-225	601.86	601.59	600.89	600.64	26.2	150	0.6	103.605	1.4933	0.1245	0.8	0.81	0.8	20.9	0.011	HDPE
ZONE 235-4152	MH-2259	MH-377	566.09	565.62	564.91	564.67	24	150	0.42	100	1.52	0.0364	0.9	1.02	0.8	11.3	0.011	HDPE
ZONE 235-5776	MH-3453	MH-4117	571.98	571.06	570.37	570.11	26.3	150	0.65	100	1.52	0.1521	1.1	1.46	0.8	23.1	0.011	HDPE
ZONE 235-1560	MH-4325	MH-2292	587.56	587.15	586.46	586.2	26.3	150	0.29	100	1.52	0.0109	0.9	0.96	0.8	6.3	0.011	HDPE
ZONE 235-3621	MH-4326	MH-4327	580.59	581.56	579.64	579.9	26.3	150	0.72	100	1.52	0.2167	1.2	0.8	1.51	39.1	0.011	HDPE
ZONE 235-1574	MH-1899	MH-4328	584.21	584.58	582.37	582.35	26.3	150	0.26	1,000.00	0.4807	0.1149	1.9	1.68	2.09	28.3	0.011	HDPE
ZONE 235-3893	MH-4331	MH-3847	578.6	578.83	577.65	577.4	26.5	150	0.6	108.047	1.4623	0.1295	1	0.8	1.27	21.4	0.011	HDPE
ZONE 235-3649	MH-3748	MH-3485	581.62	581.33	580.64	580.38	26.4	150	0.37	100	1.52	0.0242	0.8	0.83	0.8	9.2	0.011	HDPE
ZONE 235-1549	MH-4332	MH-4333	583.57	583.74	581.95	581.8	26.4	150	0.6	175.763	1.1465	0.236	1.6	1.46	1.79	30.9	0.011	HDPE
ZONE 235-1324	MH-4334	MH-4335	587.42	587.39	586.47	586.44	26.4	150	0.14	845.261	0.5228	0.0113	0.8	0.8	0.8	12.2	0.011	HDPE
ZONE 235-1316	MH-4213	MH-4204	587.29	587.34	586.33	586.31	26.4	150	0.13	1,000.00	0.4807	0.0116	0.8	0.81	0.88	12.2	0.011	HDPE
ZONE 235-1425	MH-4051	MH-4340	592.69	592.98	591.74	592	26.5	150	0.34	100	1.52	0.0175	0.8	0.8	0.83	7.9	0.011	HDPE
ZONE 235-5000	MH-374	MH-4343	583.74	583.84	582.79	582.89	26.4	150	0.25	253.037	0.9556	0.0198	0.8	0.8	0.8	9.4	0.011	HDPE
ZONE 235-1677	MH-4349	MH-3969	587.87	587.63	586.92	586.68	26.5	150	0.32	109.107	1.4552	0.0165	0.8	0.8	0.8	9.2	0.011	HDPE
ZONE 235-1408	MH-4351	MH-4352	587.37	587.34	586.42	586.39	26.5	150	0.25	1,000.00	0.4807	0.1008	0.8	0.8	0.8	25.5	0.011	HDPE
ZONE 235-59	MH-1687	MH-411	580.97	581.24	580.02	579.99	29	150	0.17	1,000.00	0.4807	0.0238	1	0.8	1.1	16.5	0.011	HDPE
ZONE 235-5782	MH-4353	MH-1345	572.4	572.54	571.45	571.43	26.5	150	0.24	1,000.00	0.4807	0.0782	0.9	0.8	0.96	26.9	0.011	HDPE
ZONE 235-4935	MH-4354	MH-4084	587	587.01	585.87	585.85	26.6	150	0.2	1,000.00	0.4807	0.0447	1	0.98	1.02	21.8	0.011	HDPE
ZONE 235-4506	MH-512	MH-4093	604.33	604.62	602.23	602.31	30.8	150	0.6	354.325	0.8883	0.469	2.1	1.95	2.15	47.8	0.01	HDPE
ZONE 235-1581	MH-2127	MH-3942	586.85	586.42	585.04	584.91	26.7	150	0.6	203.565	1.0654	0.2855	1.5	1.66	1.36	35.4	0.011	HDPE
ZONE 235-4158	MH-4360	MH-364	567.85	567.43	565.07	564.92	21.5	150	0.6	143.517	1.2688	0.1828	2.5	2.63	2.36	26.4	0.011	HDPE
ZONE 235-5763	MH-4361	MH-4362	576.72	575.82	575.14	574.87	26.7	150	0.53	100	1.52	0.0756	1.1	1.44	0.8	16.2	0.011	HDPE
ZONE 235-4193	MH-1289	MH-46	598.46	598.22	597.39	597.15	31.9	271	1.32	132.212	7.0407	2.5654	0.8	0.8	0.8	45.7	0.01	HDPE
ZONE 235-1274	MH-3732	MH-4368	594.06	593.93	591.54	591.5	26.8	217	0.6	620.581	1.7968	1.0931	2.3	2.3	2.22	56	0.01	HDPE
ZONE 235-1558	MH-3081	MH-1708	587.26	587.66	586.31	586.58	26.8	150	0.62	100	1.52	0.1324	0.9	0.8	0.93	21.5	0.011	HDPE
ZONE 235-4204	MH-4371	MH-351	596.88	597.12	594.6	594.45	27.7	150	0.6	181.917	1.127	0.247	2.3	2.12	2.52	32.6	0.011	HDPE
ZONE 235-1502	MH-4372	MH-4373	588.38	588.16	587.34	587.19	26.8	150	0.6	187.351	1.1105	0.2533	0.9	0.89	0.82	33.4	0.011	HDPE
ZONE 235-1695	MH-4375	MH-197	585.24	585.06	584.29	584.1	26.8	150	0.45	147.519	1.2515	0.0702	0.8	0.8	0.8	23.4	0.011	HDPE
ZONE 235-4639	MH-4376	MH-4377	597.25	596.71	595.96	595.69	26.8	217	1.38	100	4.476	1.9434	0.9	1.08	0.8	51.7	0.01	HDPE
ZONE 235-1341	MH-4095	MH-4378	593.88	594.13	592.41	592.38	26.8	150	0.26	1,000.00	0.4807	0.1093	1.5	1.32	1.59	27.5	0.011	HDPE
ZONE 235-1335	MH-4382	MH-3509	587.61	587.61	586.57	586.55	26.8	150	0.19	1,000.00	0.4807	0.0366	0.9	0.89	0.91	19.4	0.011	HDPE
ZONE 235-4490	MH-4383	MH-4384	591.81	591.47	590.78	590.52	26.9	150	0.5	100	1.52	0.0649	0.8	0.88	0.8	15	0.011	HDPE
ZONE 235-6499	MH-4057	MH-2830	581.89	581.78	580.94	580.83	26.9	150	0.3	239.617	0.982	0.032	0.8	0.8	0.8	11.7	0.011	HDPE
ZONE 235-1762	MH-4395	MH-4396	570.12	570.96	569.14	569.08	26.9	175	0.6	438.571	1.2043	0.6466	1.3	0.8	1.7	51.7	0.01	HDPE
ZONE 235-5845	MH-4401	MH-3929	589.37	588.88	588.12	587.93	19.9	150	0.44	100	1.52	0.0402	1	1.1	0.8	11.9	0.011	HDPE
ZONE 235-1618	MH-4404	MH-3389	585.21	584.82	584.14	583.87	27	150	0.27	100	1.52	0.0085	0.9	0.92	0.8	5.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-1354	MH-4405	MH-4406	592.86	593.16	591.91	591.88	27	150	0.16	1,000.00	0.4807	0.0202	1	0.8	1.13	17.4	0.011	HDPE
ZONE 235-6425	MH-4407	MH-4408	564.34	564.16	563.39	563.2	27	150	0.6	141.896	1.276	0.1804	0.8	0.8	0.81	26.2	0.011	HDPE
ZONE 235-3675	MH-4413	MH-1760	580.21	580.5	579.26	579.23	26.8	150	0.15	1,000.00	0.4807	0.0156	1	0.8	1.11	10	0.011	HDPE
ZONE 235-1419	MH-4415	MH-4416	593.56	593.94	592.61	592.58	27.1	150	0.19	1,000.00	0.4807	0.0351	1	0.8	1.2	19.7	0.011	HDPE
ZONE 235-5812	MH-4420	MH-4421	585.81	584.96	584.28	584.01	27.1	150	0.44	100	1.52	0.0416	1.1	1.38	0.8	12.1	0.011	HDPE
ZONE 235-1411	MH-4425	MH-2592	594.12	594.08	593.11	593.08	27.2	150	0.22	1,000.00	0.4807	0.0568	0.9	0.86	0.85	19.5	0.011	HDPE
ZONE 235-4056	MH-4430	MH-211	572.71	572.34	571.6	571.39	27.2	150	0.73	133.066	1.3177	0.3334	0.9	0.96	0.8	35.6	0.011	HDPE
ZONE 235-9	MH-4179	MH-4436	583.92	583.63	581.7	581.53	27.2	150	0.6	159.952	1.2019	0.2077	2	2.07	1.95	28.5	0.011	HDPE
ZONE 235-1699	MH-4438	MH-4250	584.27	584.01	583.08	582.81	27.2	150	0.6	100.368	1.5172	0.1175	1	1.04	1.05	22.6	0.011	HDPE
ZONE 235-1368	MH-4439	MH-3648	592.52	592.21	589.93	589.9	27.2	150	0.22	1,000.00	0.4807	0.0614	2.3	2.44	2.16	26.3	0.011	HDPE
ZONE 235-4357	MH-522	MH-71	604.17	603.68	603	602.73	27.2	150	0.51	100	1.52	0.0669	0.9	1.02	0.8	18.3	0.011	HDPE
ZONE 235-6419	MH-4131	MH-4440	563.27	563.59	561.62	561.59	27.2	271	0.6	879.438	2.7299	1.8639	1.6	1.38	1.73	62	0.01	HDPE
ZONE 235-3991	MH-149	MH-4445	565.24	565.72	563.49	563.35	28.4	150	0.6	195.566	1.0869	0.2683	1.9	1.59	2.22	34.7	0.011	HDPE
ZONE 235-4284	MH-4447	MH-3	592.87	592.62	591.92	591.67	30	150	0.45	119.307	1.3916	0.0575	0.8	0.8	0.8	14.5	0.011	HDPE
ZONE 235-3610	MH-3116	MH-4278	576.97	577.23	575.46	575.19	27.3	150	0.32	102.595	1.5007	0.0149	1.6	1.36	1.89	13.2	0.011	HDPE
ZONE 235-5780	MH-2871	MH-4450	574.76	573.8	573.12	572.85	27.3	150	0.45	100	1.52	0.0465	1.1	1.48	0.8	12.8	0.011	HDPE
ZONE 235-4754	MH-4451	MH-113	591.12	591.47	590.17	589.98	31.7	150	0.6	163.102	1.1902	0.2133	1.1	0.8	1.34	29	0.011	HDPE
ZONE 235-1397	MH-1713	MH-4453	590.99	590.86	590.04	589.91	27.4	150	0.3	198.343	1.0793	0.0256	0.8	0.8	0.8	10.3	0.011	HDPE
ZONE 235-1673	MH-4136	MH-2633	585.25	584.97	584.3	584.02	27.4	150	0.39	100	1.52	0.0273	0.8	0.8	0.8	9.9	0.011	HDPE
ZONE 235-3782	MH-4456	MH-4457	582.88	583.39	581.93	582.2	27.4	150	0.25	100	1.52	0.0065	0.9	0.8	1.03	4.9	0.011	HDPE
ZONE 235-1504	MH-4458	MH-2746	587.92	587.8	586.87	586.75	27.4	150	0.6	226.663	1.0096	0.3257	0.9	0.9	0.9	39.1	0.011	HDPE
ZONE 235-1616	MH-4459	MH-3777	585.17	584.79	584.11	583.84	27.5	150	0.45	100	1.52	0.0438	0.9	0.91	0.8	12.4	0.011	HDPE
ZONE 235-4218	MH-93	MH-8	595.47	595.14	594.07	593.95	27.9	150	0.6	227.454	1.0079	0.3271	1.1	1.25	1.04	37.9	0.011	HDPE
ZONE 235-4201	MH-474	MH-679	596.38	596.61	594.98	594.78	27.5	150	0.6	138.411	1.292	0.1755	1.5	1.25	1.68	28.1	0.011	HDPE
ZONE 235-4133	MH-3362	MH-1004	568.12	567.6	563.18	563.14	16.3	175	0.6	452.258	1.186	0.6778	4.5	4.77	4.29	54.6	0.01	HDPE
ZONE 235-6649	MH-4466	MH-4467	588.15	588.07	586.97	586.93	27.5	217	0.6	699.276	1.6927	1.364	0.9	0.96	0.92	56.3	0.01	HDPE
ZONE 235-3944	MH-550	MH-4472	579.94	579.92	576.52	576.59	15.8	150	0.6	262.18	0.9387	0.3981	3.2	3.26	3.18	45.1	0.011	HDPE
ZONE 235-6489	MH-4476	MH-3186	582.61	582.24	581.57	581.29	27.6	150	0.29	100	1.52	0.0106	0.8	0.89	0.8	6.2	0.011	HDPE
ZONE 235-4497	MH-4478	MH-4479	604	603.77	603.05	602.82	27.6	150	0.67	119.464	1.3907	0.2097	0.8	0.8	0.8	31.4	0.011	HDPE
ZONE 235-140	MH-2308	MH-4482	569.32	569.4	567.39	567.36	27.6	271	0.6	829.542	2.8108	1.6881	1.7	1.65	1.77	58.1	0.01	HDPE
ZONE 235-1399	MH-4483	MH-4484	590.27	589.77	589.1	588.82	27.6	150	0.47	100	1.52	0.0499	0.9	1.02	0.8	13.2	0.011	HDPE
ZONE 235-4444	MH-602	MH-2464	595.79	595.34	594.67	594.39	27.6	150	0.61	100	1.52	0.1259	0.9	0.98	0.8	21	0.011	HDPE
ZONE 235-1289	MH-4489	MH-4267	589.52	588.99	588.32	588.04	27.7	150	0.64	100	1.52	0.1502	0.9	1.05	0.8	22.9	0.011	HDPE
ZONE 235-3870	MH-401	MH-998	576.02	576.91	574.57	574.8	25.7	175	0.91	109.077	2.1954	0.5821	1.6	1.28	1.93	41.5	0.011	HDPE
ZONE 235-5167	MH-4490	MH-4491	560.83	561.21	559.88	559.76	27.7	150	0.6	235.281	0.991	0.3421	1	0.8	1.3	39	0.011	HDPE
ZONE 235-1724	MH-2074	MH-1510	580.79	580.59	578.07	578.02	27.7	217	0.6	547.008	1.9138	0.9005	2.4	2.51	2.35	52.3	0.01	HDPE
ZONE 235-1367	MH-4492	MH-4439	592.15	592.52	590.45	590.42	27.7	150	0.15	1,000.00	0.4807	0.0159	1.8	1.56	1.95	10.1	0.011	HDPE
ZONE 235-1387	MH-3878	MH-4484	589.83	589.77	588.84	588.81	27.7	150	0.25	1,000.00	0.4807	0.0981	0.8	0.84	0.81	25.2	0.011	HDPE
ZONE 235-3752	MH-4502	MH-891	580.05	580.3	579.1	579.07	27.8	150	0.11	1,000.00	0.4807	0.0055	0.9	0.8	1.08	7.5	0.011	HDPE
ZONE 235-1398	MH-4453	MH-4483	590.86	590.27	589.6	589.32	27.8	150	0.42	100	1.52	0.0354	1	1.11	0.8	11.2	0.011	HDPE
ZONE 235-1475	MH-4508	MH-4156	588.72	588.68	587.77	587.73	27.8	150	0.2	814.408	0.5326	0.0343	0.8	0.8	0.8	18.6	0.011	HDPE
ZONE 235-1815	MH-3224	MH-4510	571.54	571.37	570.32	570.35	27.9	150	0.18	1,000.00	0.4807	0.0291	1	1.07	0.87	18.6	0.011	HDPE
ZONE 235-4590	MH-4518	MH-133	603.34	602.73	602.07	601.78	29.1	150	0.58	100	1.52	0.105	1	1.11	0.8	19.1	0.011	HDPE
ZONE 235-4276	MH-4522	MH-4523	595.44	594.93	593.96	593.98	27.9	150	0.25	1,000.00	0.4807	0.0944	1.1	1.33	0.8	25.4	0.011	HDPE
ZONE 235-4438	MH-772	MH-665	597.37	596.86	596.19	595.91	28	150	0.47	100	1.52	0.051	0.9	1.03	0.8	14.8	0.011	HDPE
ZONE 235-4610	MH-804	MH-443	593.47	593.96	591.55	591.69	28	150	0.6	192.003	1.097	0.2621	1.9	1.77	2.11	40.9	0.011	HDPE
ZONE 235-4156	MH-4527	MH-4360	567.51	567.85	565.31	565.07	27.7	150	0.6	111.993	1.4363	0.1348	2.3	2.04	2.63	25.4	0.011	HDPE
ZONE 235-1366	MH-4533	MH-4492	591.43	592.15	590.48	590.45	28.1	150	0.11	1,000.00	0.4807	0.0065	1.2	0.8	1.56	10.2	0.011	HDPE
ZONE 235-3781	MH-292	MH-4534	582.45	581.93	580.95	580.98	31	150	0.11	1,000.00	0.4807	0.0057	1.1	1.35	0.8	17.5	0.011	HDPE
ZONE 235-5852	MH-4535	MH-3420	584.53	583.66	583	582.71	28.1	150	0.79	100	1.52	0.2998	1.1	1.39	0.8	32.6	0.011	HDPE
ZONE 235-1378	MH-4537	MH-4538	588.37	587.57	586.78	586.5	28.2	271	1.43	100	8.0956	2.3581	1.1	1.32	0.8	42.3	0.01	HDPE
ZONE 235-3907	MH-4539	MH-1693	580.1	580.15	579.15	579.12	28.2	150	0.16	1,000.00	0.4807	0.0197	0.8	0.8	0.87	14.8	0.011	HDPE
ZONE 235-4942	MH-4541	MH-3984	586.28	586.13	585.14	585.11	28.2	150	0.25	1,000.00	0.4807	0.0954	0.9	0.99	0.87	31.1	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-1753	MH-4544	MH-4545	579.25	579.48	578.3	578.27	28.2	150	0.2	1,000.00	0.4807	0.0441	0.9	0.8	1.06	22.8	0.011	HDPE
ZONE 235-1474	MH-4546	MH-4508	588.79	588.72	587.84	587.77	28.2	150	0.23	387.669	0.772	0.0224	0.8	0.8	0.8	14.3	0.011	HDPE
ZONE 235-1848	MH-4548	MH-4549	568.46	568.25	567.51	567.3	28.2	150	0.48	133.112	1.3175	0.0773	0.8	0.8	0.8	20.2	0.011	HDPE
ZONE 235-1271	MH-4550	MH-4129	594.4	594.26	591.66	591.61	28.2	217	0.6	599.719	1.8278	1.0348	2.5	2.52	2.43	54	0.01	HDPE
ZONE 235-4216	MH-338	MH-93	595.8	595.47	594.44	594.27	33	150	0.6	191.51	1.0984	0.2609	1.1	1.2	1.05	32.8	0.011	HDPE
ZONE 235-1543	MH-4562	MH-4563	583.76	583.92	582.81	582.79	28.4	150	0.2	1,000.00	0.4807	0.0449	0.9	0.8	0.99	23.2	0.011	HDPE
ZONE 235-4295	MH-4566	MH-509	594.82	594.86	593.75	593.79	23.2	271	0.74	570.72	3.3887	2.279	0.8	0.8	0.8	64.2	0.01	HDPE
ZONE 235-6487	MH-3715	MH-2439	581.72	581.61	580.77	580.66	28.4	150	0.3	272.232	0.9213	0.0372	0.8	0.8	0.8	13.5	0.011	HDPE
ZONE 235-5090	MH-4576	MH-4577	567.8	567.47	566.8	566.52	28.5	150	0.87	100	1.52	0.4289	0.8	0.85	0.8	39.3	0.011	HDPE
ZONE 235-5848	MH-4174	MH-2771	587.53	586.69	586.02	585.74	28.6	150	0.68	100	1.52	0.1836	1.1	1.36	0.8	25.3	0.011	HDPE
ZONE 235-4296	MH-509	MH-152	594.86	594.89	593.79	593.81	15	271	0.66	766.418	2.9243	2.2262	0.8	0.8	0.82	62.4	0.01	HDPE
ZONE 235-3880	MH-4067	MH-4579	577.42	577.61	576.2	576.17	32	150	0.23	1,000.00	0.4807	0.0747	1.2	1.06	1.29	27	0.011	HDPE
ZONE 235-1473	MH-3760	MH-4240	588.7	588.75	587.42	587.39	28.6	150	0.26	1,000.00	0.4807	0.1166	1.2	1.13	1.21	28.3	0.011	HDPE
ZONE 235-1629	MH-1547	MH-3120	583.82	583.43	582.72	582.45	28.6	150	0.6	108.302	1.4606	0.1298	0.9	0.96	0.83	23.4	0.011	HDPE
ZONE 235-3886	MH-4587	MH-4588	577.26	577.79	576.31	576.28	28.7	150	0.12	1,000.00	0.4807	0.0091	1.1	0.8	1.36	7.7	0.011	HDPE
ZONE 235-1566	MH-3633	MH-3013	585.71	585.28	584.22	584.19	28.7	150	0.2	1,000.00	0.4807	0.0481	1.1	1.34	0.94	18.4	0.011	HDPE
ZONE 235-1491	MH-1925	MH-3700	588.36	588.4	586.68	586.97	28.7	150	0.6	100.38	1.5171	0.1187	1.4	1.53	1.29	22.5	0.011	HDPE
ZONE 235-6640	MH-18	MH-4592	588.25	587.96	587.05	586.76	28.7	400	1.91	100	20.7858	9.5592	0.8	0.8	0.8	53.5	0.011	HDPE
ZONE 235-1611	MH-4594	MH-2246	583.78	583.35	580.88	580.74	28.7	150	0.6	201.1	1.0719	0.2773	2.6	2.74	2.45	34.1	0.011	HDPE
ZONE 235-1836	MH-4595	MH-3874	571.71	571.92	570.76	570.73	28.7	150	0.16	1,000.00	0.4807	0.0229	0.9	0.8	1.04	16.6	0.011	HDPE
ZONE 235-4435	MH-270	MH-771	597.91	597.38	596.72	596.43	28.7	150	0.41	100	1.52	0.0326	0.9	1.04	0.8	10.7	0.011	HDPE
ZONE 235-3950	MH-4599	MH-2584	577.32	577	576.34	576.05	28.8	150	0.34	100	1.52	0.0177	0.8	0.83	0.8	10.3	0.011	HDPE
ZONE 235-1763	MH-4396	MH-515	570.96	571.89	569.08	569.05	15	175	0.6	441.672	1.2001	0.6536	2.2	1.7	2.67	52	0.01	HDPE
ZONE 235-85	MH-4604	MH-3947	581.73	581.46	580.78	580.51	28.8	150	0.26	108.388	1.46	0.0084	0.8	0.8	0.8	7	0.011	HDPE
ZONE 235-3918	MH-4606	MH-4607	579.31	580.03	578.36	578.65	28.8	150	0.53	100	1.52	0.076	1	0.8	1.23	16.3	0.011	HDPE
ZONE 235-6615	MH-3297	MH-4608	603.07	602.46	601.77	601.51	28.9	150	0.79	114.909	1.418	0.3687	1	1.15	0.8	36.9	0.011	HDPE
ZONE 235-1511	MH-4609	MH-4610	587.75	587.84	586.8	586.77	28.9	150	0.17	1,000.00	0.4807	0.024	0.9	0.8	0.92	12.4	0.011	HDPE
ZONE 235-7	MH-3864	MH-3788	580.09	580.18	579.14	578.99	27.4	150	0.31	193.073	1.0939	0.0293	0.9	0.8	1.03	25.8	0.011	HDPE
ZONE 235-4441	MH-416	MH-601	596.32	595.8	595.14	594.85	29	150	0.57	100	1.52	0.1004	0.9	1.04	0.8	21.1	0.011	HDPE
ZONE 235-1309	MH-4613	MH-1569	587.07	586.81	586.12	585.86	29	150	0.48	113.307	1.428	0.0616	0.8	0.8	0.8	14.8	0.011	HDPE
ZONE 235-6546	MH-362	MH-4618	569.13	569.23	568.18	568.07	29.1	150	0.6	261.833	0.9394	0.3973	0.9	0.8	1.01	42.9	0.011	HDPE
ZONE 235-1379	MH-4538	MH-4619	587.57	586.84	586.05	585.76	29.1	271	1.44	100	8.0956	2.4111	1	1.24	0.8	42.8	0.01	HDPE
ZONE 235-1738	MH-4621	MH-4622	581.6	581.52	580.65	580.57	29.1	150	0.24	355.909	0.8057	0.0228	0.8	0.8	0.8	12.5	0.011	HDPE
ZONE 235-1345	MH-4623	MH-4624	594.23	594.24	593.28	593.25	29.1	150	0.14	1,000.00	0.4807	0.014	0.8	0.8	0.84	14.2	0.011	HDPE
ZONE 235-4439	MH-666	MH-415	596.85	596.33	595.67	595.38	29.1	150	0.52	100	1.52	0.0719	0.9	1.04	0.8	17.8	0.011	HDPE
ZONE 235-4587	MH-4518	MH-4628	603.34	603.94	602.39	602.68	29.1	150	0.51	100	1.52	0.0679	1	0.8	1.12	15.4	0.011	HDPE
ZONE 235-4052	MH-4629	MH-3681	569.8	568.57	567.91	567.62	29.2	150	0.49	100	1.52	0.0596	1.3	1.74	0.8	14.4	0.011	HDPE
ZONE 235-4371	MH-4630	MH-52	601.45	600.91	600.37	599.96	40.9	150	0.25	100	1.52	0.0062	0.9	0.93	0.8	4.7	0.011	HDPE
ZONE 235-4292	MH-466	MH-4566	594.78	594.82	593.71	593.75	27.4	271	0.66	781.645	2.8956	2.3525	0.8	0.8	0.8	65.9	0.01	HDPE
ZONE 235-4297	MH-151	MH-81	594.89	594.95	593.82	593.86	27.4	271	0.68	699.114	3.0618	2.1558	0.8	0.8	0.82	63.8	0.01	HDPE
ZONE 235-1648	MH-4635	MH-3632	586.39	586	585.35	585.05	29.3	150	0.31	100	1.52	0.0129	0.8	0.89	0.8	6.9	0.011	HDPE
ZONE 235-4940	MH-3985	MH-311	586.67	587.07	585.09	584.88	31.4	150	0.6	154.68	1.2222	0.2015	1.7	1.43	2.03	30.6	0.011	HDPE
ZONE 235-4554	MH-2491	MH-2850	601.54	601.58	600.59	600.63	29.3	150	0.27	624.23	0.6084	0.0718	0.8	0.8	0.8	26.1	0.011	HDPE
ZONE 235-4291	MH-54	MH-465	594.74	594.78	593.67	593.7	16.1	271	0.75	584.844	3.3476	2.4446	0.8	0.8	0.81	54.5	0.01	HDPE
ZONE 235-3882	MH-4579	MH-477	577.61	577.79	576.17	576.15	25.7	150	0.24	1,000.00	0.4807	0.0798	1.4	1.29	1.49	30	0.011	HDPE
ZONE 235-4199	MH-4643	MH-473	596.2	596.38	595.25	594.98	29.3	150	0.6	111.619	1.4387	0.1342	1	0.8	1.25	24.9	0.011	HDPE
ZONE 235-1275	MH-4368	MH-4646	593.93	593.75	591.5	591.45	29.3	217	0.6	626.172	1.7887	1.1092	2.1	2.22	2.08	56.7	0.01	HDPE
ZONE 235-1370	MH-3723	MH-2369	591.73	592.72	590.01	589.98	29.4	150	0.15	1,000.00	0.4807	0.0182	2.1	1.57	2.59	14.6	0.011	HDPE
ZONE 235-5161	MH-4647	MH-4648	566.06	565.67	564.83	564.64	29.4	150	0.6	155.275	1.2198	0.2027	1	1.08	0.88	28.1	0.011	HDPE
ZONE 235-1439	MH-4650	MH-4651	590.67	590.27	589.61	589.32	29.4	150	0.51	100	1.52	0.0688	0.9	0.91	0.8	15.5	0.011	HDPE
ZONE 235-1293	MH-3945	MH-4652	588.58	588.45	585.78	585.75	29.4	271	0.6	979.333	2.5869	2.3526	2.5	2.53	2.43	73.6	0.01	HDPE
ZONE 235-4474	MH-4658	MH-75	600.13	599.87	599.18	598.92	29.5	150	0.41	113.843	1.4246	0.0391	0.8	0.8	0.8	15.3	0.011	HDPE
ZONE 235-1749	MH-4661	MH-4662	579.75	579.75	578.8	578.78	29.5	150	0.2	1,000.00	0.4807	0.0463	0.8	0.8	0.82	23.6	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-3940	MH-1446	MH-4664	577.99	578.36	576.09	576.21	50.4	175	0.6	417.893	1.2338	0.6005	1.8	1.73	1.97	49	0.01	HDPE
ZONE 235-6630	MH-4667	MH-4668	595.77	595.27	593.99	593.96	29.6	400	0.6	1,000.00	6.573	3.0233	1.1	1.38	0.9	38	0.011	HDPE
ZONE 235-3838	MH-2391	MH-4669	581.96	581.36	580.7	580.41	29.5	150	0.61	100	1.52	0.1226	1	1.11	0.8	20.7	0.011	HDPE
ZONE 235-1726	MH-4671	MH-3810	580.77	580.98	579.82	579.79	29.5	150	0.22	1,000.00	0.4807	0.0588	0.9	0.8	1.04	25.8	0.011	HDPE
ZONE 235-1294	MH-4652	MH-4672	588.45	588.31	585.75	585.72	29.5	271	0.6	983.832	2.581	2.3834	2.4	2.43	2.32	73.4	0.01	HDPE
ZONE 235-5048	MH-1914	MH-4677	586.95	587.32	586	586.29	29.6	150	0.54	100	1.52	0.0822	0.8	0.8	0.88	16.9	0.011	HDPE
ZONE 235-4249	MH-506	MH-463	591.41	591.05	590.23	590.1	12.6	150	0.5	100	1.52	0.0641	0.9	1.03	0.8	14.9	0.011	HDPE
ZONE 235-4215	MH-4678	MH-337	596.13	595.8	594.89	594.85	29.6	150	0.28	757.13	0.5524	0.1047	0.9	1.09	0.8	24.9	0.011	HDPE
ZONE 235-4433	MH-4237	MH-269	598.46	597.91	597.26	596.96	29.6	150	0.31	100	1.52	0.0127	0.9	1.05	0.8	8.6	0.011	HDPE
ZONE 235-4339	MH-330	MH-225	601.25	601.59	600.3	600.55	25.3	150	0.66	100	1.52	0.1608	0.8	0.8	0.89	26.2	0.011	HDPE
ZONE 235-1736	MH-42	MH-10	581.33	581.14	578.26	578.2	29.2	175	0.6	493.138	1.1358	0.7837	2.8	2.89	2.76	54	0.01	HDPE
ZONE 235-1623	MH-3495	MH-4681	584.43	584.74	583.48	583.78	29.7	150	0.48	100	1.52	0.0563	0.8	0.8	0.81	14	0.011	HDPE
ZONE 235-4564	MH-4683	MH-4684	595.69	595.61	594.74	594.55	27.9	150	0.6	141.926	1.2759	0.1804	0.9	0.8	0.91	26.2	0.011	HDPE
ZONE 235-4202	MH-680	MH-4371	596.61	596.88	594.78	594.6	29.7	150	0.6	165.654	1.181	0.2169	1.9	1.68	2.12	31	0.011	HDPE
ZONE 235-1612	MH-4685	MH-3649	585.81	585.43	584.78	584.48	29.7	150	0.54	100	1.52	0.0845	0.8	0.89	0.8	17.2	0.011	HDPE
ZONE 235-1334	MH-4689	MH-4382	587.55	587.61	586.6	586.57	29.8	150	0.16	1,000.00	0.4807	0.0189	0.8	0.8	0.89	15.9	0.011	HDPE
ZONE 235-1840	MH-158	MH-4692	572.49	572.73	571.54	571.78	28.5	150	0.56	117.043	1.405	0.113	0.8	0.8	0.8	23	0.011	HDPE
ZONE 235-3883	MH-934	MH-4588	577.8	577.79	576.13	576.01	12.6	150	0.6	106.592	1.4723	0.1277	1.6	1.52	1.63	24.1	0.011	HDPE
ZONE 235-4301	MH-4697	MH-4698	596.94	596.9	595.92	595.95	29.9	150	0.2	1,000.00	0.4807	0.0441	0.8	0.87	0.8	16.8	0.011	HDPE
ZONE 235-6506	MH-4705	MH-3507	582.25	582	581.3	581.04	30	150	0.36	113.785	1.425	0.0245	0.8	0.8	0.81	11.1	0.011	HDPE
ZONE 235-4710	MH-4710	MH-4711	587.67	587.24	586.59	586.29	30	150	0.6	100	1.52	0.1145	0.9	0.94	0.8	29.8	0.011	HDPE
ZONE 235-4549	MH-2572	MH-3087	603.04	603.1	602.09	602.15	30	150	0.31	517.333	0.6683	0.0933	0.8	0.8	0.8	28.2	0.011	HDPE
ZONE 235-3919	MH-4607	MH-4717	580.03	580.23	579.08	579.28	30	150	0.39	150.867	1.2375	0.0466	0.8	0.8	0.8	13.4	0.011	HDPE
ZONE 235-6517	MH-4720	MH-4721	582.7	583.75	581.75	582.06	30.1	150	1.08	100	1.52	0.9924	1.2	0.8	1.55	62.1	0.011	HDPE
ZONE 235-4592	MH-2542	MH-631	602.06	601.35	600.67	600.4	29.6	150	0.67	110.612	1.4453	0.1979	1	1.24	0.8	26.7	0.011	HDPE
ZONE 235-1284	MH-3548	MH-4728	593.44	593.21	592.49	592.26	30.1	150	0.28	127.749	1.3448	0.013	0.8	0.8	0.8	7	0.011	HDPE
ZONE 235-1546	MH-4729	MH-4730	584.02	583.88	582.72	582.47	30.1	150	0.6	118.608	1.3957	0.1443	1.2	1.15	1.26	25.6	0.011	HDPE
ZONE 235-6646	MH-4740	MH-4741	585.49	584.64	583.99	583.69	30.2	150	0.67	100	1.52	0.1713	1.1	1.35	0.8	24.5	0.011	HDPE
ZONE 235-5804	MH-2214	MH-3230	577.41	577.02	576.37	576.07	30.2	150	0.54	100	1.52	0.0818	0.8	0.89	0.8	16.9	0.011	HDPE
ZONE 235-4964	MH-4743	MH-4744	602.29	601.53	600.88	600.58	30.2	150	0.93	100	1.52	0.5519	1	1.26	0.8	44.9	0.011	HDPE
ZONE 235-1973	MH-4753	MH-437	588.3	588.7	586.14	586.32	32.8	150	0.6	178.902	1.1364	0.2415	2.1	2.01	2.23	32.2	0.011	HDPE
ZONE 235-4378	MH-4754	MH-4316	601.03	600.51	599.97	599.56	41.1	150	0.3	100	1.52	0.0124	0.9	0.91	0.8	6.7	0.011	HDPE
ZONE 235-4286	MH-4755	MH-3441	599.39	599.64	598.44	598.41	30.4	150	0.21	1,000.00	0.4807	0.0503	0.9	0.8	1.08	23.3	0.011	HDPE
ZONE 235-4937	MH-4085	MH-4756	587.02	586.54	585.82	585.59	30.4	150	0.45	132.863	1.3187	0.0634	0.9	1.05	0.8	21.3	0.011	HDPE
ZONE 235-4934	MH-4757	MH-4354	586.85	587	585.9	585.87	30.4	150	0.17	1,000.00	0.4807	0.025	0.9	0.8	0.98	17.9	0.011	HDPE
ZONE 235-4941	MH-4759	MH-4541	586.12	586.28	585.17	585.14	30.4	150	0.23	1,000.00	0.4807	0.0716	0.9	0.8	0.99	27.9	0.011	HDPE
ZONE 235-3665	MH-4762	MH-4763	581.75	581.51	580.8	580.56	30.4	150	0.36	128.509	1.3409	0.0298	0.8	0.8	0.8	12.6	0.011	HDPE
ZONE 235-4560	MH-4053	MH-3981	595.6	595.82	594.65	594.87	30.8	150	0.3	144.687	1.2637	0.0184	0.8	0.8	0.8	8.4	0.011	HDPE
ZONE 235-3658	MH-1760	MH-4769	580.5	580.65	578.72	578.52	29	150	0.6	146.187	1.2572	0.1869	1.8	1.62	1.98	29.2	0.011	HDPE
ZONE 235-4977	MH-184	MH-2557	585.36	584.79	580.94	580.88	38.7	217	0.6	657.216	1.746	1.206	3.9	4.21	3.69	62	0.01	HDPE
ZONE 235-3895	MH-4775	MH-3683	575.97	576.26	574.64	574.61	30.6	150	0.26	1,000.00	0.4807	0.1152	1.3	1.18	1.5	28.5	0.011	HDPE
ZONE 235-5844	MH-4776	MH-4098	582.16	581.92	580.96	580.72	30.6	400	1.39	124.815	18.6052	4.0608	0.8	0.8	0.8	38.7	0.011	HDPE
ZONE 235-5945	MH-4777	MH-4778	560.2	559.4	558.76	558.45	30.6	150	0.92	100	1.52	0.5183	1	1.29	0.8	43.4	0.011	HDPE
ZONE 235-5827	MH-4788	MH-4157	581.58	581.5	579.78	579.59	30.6	150	0.6	168.004	1.1727	0.2237	1.7	1.66	1.76	31.2	0.011	HDPE
ZONE 235-1521	MH-4790	MH-3618	589.38	589.03	588.38	588.08	30.6	150	0.31	100	1.52	0.0129	0.8	0.84	0.8	7.8	0.011	HDPE
ZONE 235-1444	MH-4791	MH-4651	590.26	590.27	589.18	589.07	30.7	150	0.6	290.199	0.8923	0.4625	1	0.94	1.05	47.4	0.011	HDPE
ZONE 235-6618	MH-4792	MH-2234	600.38	599.68	598.88	598.73	16.5	150	1	109.184	1.4547	0.819	1.1	1.35	0.8	56.4	0.011	HDPE
ZONE 235-4125	MH-4795	MH-4134	566.66	566.98	564.19	563.98	30.6	150	0.6	139.104	1.2888	0.1765	2.6	2.31	2.85	28.1	0.011	HDPE
ZONE 235-1640	MH-2493	MH-2128	582.96	583.26	581.56	581.53	30.7	150	0.19	1,000.00	0.4807	0.0362	1.4	1.25	1.59	25.3	0.011	HDPE
ZONE 235-3788	MH-4797	MH-828	583.04	582.39	581.75	581.44	30.7	150	0.27	100	1.52	0.0081	1	1.14	0.8	5.4	0.011	HDPE
ZONE 235-5825	MH-4802	MH-4803	580.7	580.68	579.32	579.15	27.3	150	0.6	160.473	1.1999	0.2088	1.3	1.23	1.38	28.6	0.011	HDPE
ZONE 235-4362	MH-4807	MH-20	604.18	603.59	602.96	602.64	32	150	0.3	100	1.52	0.0119	0.9	1.07	0.8	7.7	0.011	HDPE
ZONE 235-6664	MH-4810	MH-4811	598.56	598.23	597.51	597.27	30.8	150	0.87	126.122	1.3535	0.5979	0.9	0.91	0.82	51.2	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-4	MH-2906	MH-1909	580.34	580.48	579.39	579.36	30.8	150	0.19	1,000.00	0.4807	0.0376	0.9	0.8	0.97	30.2	0.011	HDPE
ZONE 235-1958	MH-4137	MH-437	589.12	588.7	586.52	586.32	28.5	150	0.6	141.383	1.2784	0.1796	2.3	2.45	2.23	29.4	0.011	HDPE
ZONE 235-1790	MH-4820	MH-4821	572	572	568.86	568.81	31.1	217	0.6	572.067	1.8714	0.9616	2.9	2.92	2.98	45.2	0.01	HDPE
ZONE 235-6547	MH-4822	MH-3607	573.62	572.99	572.34	572.04	30.1	150	0.27	100	1.52	0.0082	1	1.13	0.8	5.5	0.011	HDPE
ZONE 235-3865	MH-4823	MH-343	581.83	581.43	580.79	580.48	30.9	150	0.26	100	1.52	0.0073	0.8	0.89	0.8	5.2	0.011	HDPE
ZONE 235-1446	MH-4825	MH-4826	590.18	590.09	588.96	588.89	30.9	175	0.6	428.194	1.2188	0.6227	1	1.04	1.02	54.1	0.01	HDPE
ZONE 235-1544	MH-4563	MH-4829	583.92	584.04	582.79	582.75	30.9	150	0.23	1,000.00	0.4807	0.0715	1.1	0.99	1.14	28.9	0.011	HDPE
ZONE 235-3837	MH-4669	MH-1519	581.36	580.97	580.33	580.02	31	150	0.73	100	1.52	0.2347	0.8	0.87	0.8	32.5	0.011	HDPE
ZONE 235-4277	MH-4523	MH-2057	594.93	595	593.98	594.05	31	150	0.3	480.54	0.6934	0.0718	0.8	0.8	0.8	25.6	0.011	HDPE
ZONE 235-1496	MH-4834	MH-4835	589.1	589.38	588.15	588.12	31	150	0.18	1,000.00	0.4807	0.0295	1	0.8	1.1	24.3	0.011	HDPE
ZONE 235-4331	MH-2604	MH-389	600.26	600.76	599.31	599.63	31	150	0.71	100	1.52	0.2126	0.9	0.8	0.98	29.8	0.011	HDPE
ZONE 235-3917	MH-4841	MH-4606	578.41	579.31	577.46	577.77	31.1	150	0.58	100	1.52	0.106	1.1	0.8	1.39	22.7	0.011	HDPE
ZONE 235-4422	MH-123	MH-2862	598.95	598.48	597.06	596.95	31.2	150	0.6	287.306	0.8968	0.4554	1.6	1.74	1.38	51.1	0.011	HDPE
ZONE 235-3667	MH-4763	MH-776	581.51	581.31	580.56	580.36	32	150	0.4	156.523	1.215	0.052	0.8	0.8	0.8	14.2	0.011	HDPE
ZONE 235-1441	MH-4848	MH-4849	591.6	591.12	590.48	590.17	31.2	150	0.67	100	1.52	0.1764	0.9	0.98	0.8	24.9	0.011	HDPE
ZONE 235-3983	MH-4850	MH-4851	565.42	565.72	564.47	564.33	31.7	150	0.38	226.724	1.0095	0.0688	1	0.8	1.24	20.4	0.011	HDPE
ZONE 235-3874	MH-3847	MH-4855	578.83	578.8	575.1	575.3	31.2	150	0.6	158.265	1.2083	0.2043	3.5	3.57	3.35	34.8	0.011	HDPE
ZONE 235-52	MH-4191	MH-4858	581.77	581.58	580.81	580.53	31.3	150	0.6	111.759	1.4378	0.1344	0.9	0.82	0.9	21.9	0.011	HDPE
ZONE 235-1606	MH-4861	MH-1395	585.65	585.26	581.6	581.52	14.1	150	0.6	175.697	1.1467	0.236	3.7	3.9	3.59	31.5	0.011	HDPE
ZONE 235-4419	MH-2376	MH-2862	598.04	598.48	596.87	596.95	31.4	150	0.6	362.391	0.8783	0.4857	1.2	1.02	1.38	52.7	0.01	HDPE
ZONE 235-4280	MH-4865	MH-4866	594.68	593.84	593.21	592.89	31.4	150	0.36	100	1.52	0.0214	1.1	1.32	0.8	8.7	0.011	HDPE
ZONE 235-1615	MH-4868	MH-4459	585.59	585.17	584.53	584.22	31.4	150	0.43	100	1.52	0.0382	0.9	0.9	0.8	11.6	0.011	HDPE
ZONE 235-1698	MH-4043	MH-4438	584.59	584.27	583.11	583.08	31.4	150	0.25	1,000.00	0.4807	0.0997	1.2	1.33	1.04	26.2	0.011	HDPE
ZONE 235-5006	MH-4873	MH-611	585.84	585.57	583.64	583.61	31.4	150	0.21	1,000.00	0.4807	0.0559	1.9	2.06	1.81	18.9	0.011	HDPE
ZONE 235-5164	MH-3963	MH-4878	563.74	562.94	562.31	561.99	31.5	150	0.67	100	1.52	0.1757	1	1.28	0.8	24.8	0.011	HDPE
ZONE 235-1331	MH-4880	MH-3859	587.72	587.75	586.77	586.74	31.5	150	0.16	1,000.00	0.4807	0.0223	0.8	0.8	0.86	16.1	0.011	HDPE
ZONE 235-1383	MH-4881	MH-4267	589.39	588.99	588.36	588.04	31.5	150	0.58	100	1.52	0.1059	0.8	0.89	0.8	19.2	0.011	HDPE
ZONE 235-1825	MH-4883	MH-157	572.28	572.49	571.33	571.3	33.3	150	0.17	1,000.00	0.4807	0.0238	0.9	0.8	1.05	20.6	0.011	HDPE
ZONE 235-1798	MH-4886	MH-4111	573.71	574.41	572.76	572.72	31.6	150	0.19	1,000.00	0.4807	0.035	1.2	0.8	1.53	19.9	0.011	HDPE
ZONE 235-3976	MH-190	MH-4889	565.5	566.08	564.55	564.83	28.6	150	0.38	100	1.52	0.0256	0.9	0.8	1.09	18.4	0.011	HDPE
ZONE 235-4919	MH-4892	MH-4893	587.44	586.88	586.26	585.93	32.3	150	0.34	100	1.52	0.0174	0.9	1.03	0.8	14.3	0.011	HDPE
ZONE 235-4258	MH-2	MH-4894	590.69	590.3	589.09	589.1	18.6	400	0.65	1,000.00	6.573	4.0619	1	1.2	0.8	56.6	0.011	HDPE
ZONE 235-1720	MH-4901	MH-10	581.05	581.14	580.1	580.06	36.7	150	0.15	1,000.00	0.4807	0.0152	0.9	0.8	0.92	9.9	0.011	HDPE
ZONE 235-4403	MH-13	MH-4902	600.05	600.49	599.1	599.42	31.7	150	0.28	100	1.52	0.0099	0.9	0.8	0.92	6	0.011	HDPE
ZONE 235-4154	MH-3359	MH-4905	566.74	567.12	565.38	565.35	31.3	150	0.23	1,000.00	0.4807	0.071	1.4	1.21	1.63	28.6	0.011	HDPE
ZONE 235-1320	MH-3916	MH-3304	587.52	587.6	586.24	586.2	31.7	150	0.19	1,000.00	0.4807	0.039	1.2	1.13	1.24	27.6	0.011	HDPE
ZONE 235-4948	MH-3897	MH-311	586.26	587.07	584.74	584.88	27.1	150	0.6	186.744	1.1123	0.2521	1.7	1.37	2.03	32.7	0.011	HDPE
ZONE 235-1348	MH-3409	MH-4046	592.06	592.31	591.11	591.27	15.7	150	0.64	100	1.52	0.1454	0.8	0.8	0.89	25.1	0.011	HDPE
ZONE 235-5162	MH-4914	MH-3962	565.15	564.33	563.7	563.38	31.7	150	0.54	100	1.52	0.0817	1.1	1.3	0.8	16.9	0.011	HDPE
ZONE 235-5813	MH-4421	MH-4477	584.96	583.92	583.29	582.97	31.8	150	0.48	100	1.52	0.0546	1.2	1.52	0.8	13.8	0.011	HDPE
ZONE 235-1380	MH-4918	MH-4919	591.57	590.77	590.14	589.82	31.8	150	0.43	100	1.52	0.0389	1	1.28	0.8	11.7	0.011	HDPE
ZONE 235-1805	MH-3065	MH-3443	572.27	572	571.32	571.05	31.8	150	0.7	119.613	1.3898	0.2534	0.8	0.8	0.8	32.8	0.011	HDPE
ZONE 235-13	MH-4923	MH-1116	583.2	582.76	579.02	578.91	31.8	150	0.6	282.41	0.9045	0.4439	3.9	4.03	3.7	46.1	0.011	HDPE
ZONE 235-1296	MH-4183	MH-4610	588.1	587.84	585.68	585.65	31.9	271	0.6	994.617	2.567	2.5246	2	2.15	1.93	59.7	0.01	HDPE
ZONE 235-1443	MH-4926	MH-4791	590.35	590.26	589.37	589.18	31.9	150	0.6	164.022	1.1869	0.2146	0.9	0.82	0.94	40.1	0.011	HDPE
ZONE 235-1286	MH-4928	MH-4929	592.33	591.52	590.89	590.57	32	150	0.51	100	1.52	0.0669	1	1.29	0.8	15.3	0.011	HDPE
ZONE 235-1362	MH-4938	MH-3737	591.41	591.66	590.46	590.43	32.2	150	0.13	1,000.00	0.4807	0.011	0.9	0.8	1.08	12.7	0.011	HDPE
ZONE 235-3662	MH-776	MH-2948	581.31	581.29	577.72	577.61	29	150	0.6	262.434	0.9383	0.3986	3.5	3.43	3.53	45.3	0.011	HDPE
ZONE 235-4901	MH-784	MH-4943	598.99	600.12	598.04	598.24	20	150	0.98	100	1.52	0.6619	1.3	0.8	1.73	49.6	0.011	HDPE
ZONE 235-5796	MH-4944	MH-4945	574.87	574.14	573.51	573.19	32.2	150	0.98	100	1.52	0.6582	1	1.21	0.8	49.4	0.011	HDPE
ZONE 235-5081	MH-1061	MH-4948	560.46	560.46	559.26	559.2	32.3	217	0.6	529.764	1.9447	0.8587	1	0.98	1.05	42.6	0.01	HDPE
ZONE 235-1382	MH-4950	MH-4881	589.94	589.39	588.77	588.44	32.3	150	0.52	100	1.52	0.0722	0.9	1.02	0.8	15.9	0.011	HDPE
ZONE 235-1750	MH-4662	MH-4954	579.75	579.71	578.78	578.74	32.3	150	0.23	1,000.00	0.4807	0.0751	0.8	0.82	0.82	26.9	0.011	HDPE

PIPE REPORT ZONE 2,3 & 5 - Part - 3R

Label	Start Node	Stop Node	Elevation Ground (Start) (m)	Elevation Ground (Stop) (m)	Invert (Start) (m)	Invert (Stop) (m)	Length (Scaled) (m)	Diameter (mm)	Velocity (m/s)	Slope (Calculated) (1/S)	Capacity (Design) (MLD)	Flow (MLD)	Average Conduit Cover (m)	Cover (Start) (m)	Cover (Stop) (m)	Depth (Average End) / Rise (%)	Manning's n	Material
ZONE 235-5854	MH-3421	MH-4956	583.06	583.25	582.11	581.97	32.4	150	0.6	227.267	1.0083	0.3267	1	0.8	1.13	39.4	0.011	HDPE
ZONE 235-3922	MH-4957	MH-4958	577.73	578.2	576.78	576.75	32.4	150	0.17	1,000.00	0.4807	0.0234	1	0.8	1.3	20.4	0.011	HDPE
ZONE 235-4576	MH-4959	MH-2760	601.68	601.88	600.73	600.7	32.4	150	0.16	1,000.00	0.4807	0.0192	0.9	0.8	1.03	15.3	0.011	HDPE
ZONE 235-1536	MH-3724	MH-4960	585.06	585.12	583.93	583.9	32.4	150	0.2	1,000.00	0.4807	0.0477	1	0.98	1.07	23.7	0.011	HDPE
ZONE 235-1276	MH-4646	MH-4961	593.75	593.47	591.45	591.4	32.4	217	0.6	633.392	1.7785	1.1314	2	2.08	1.86	57.4	0.01	HDPE
ZONE 235-6564	MH-2337	MH-4965	570.57	570.18	568.62	568.46	32.4	150	0.6	196.445	1.0845	0.2696	1.7	1.8	1.57	34.9	0.011	HDPE
ZONE 235-4234	MH-294	MH-4972	591.72	591.96	590.77	591.01	32.5	150	0.26	135.792	1.3044	0.0111	0.8	0.8	0.8	8	0.011	HDPE
ZONE 235-1532	MH-3934	MH-3624	586.1	586.31	584.23	584.19	32.5	150	0.24	1,000.00	0.4807	0.0834	1.8	1.72	1.96	28.7	0.011	HDPE
ZONE 235-4391	MH-4973	MH-479	601.12	601.72	600.17	600.13	32	150	0.13	1,000.00	0.4807	0.0104	1.1	0.8	1.43	14.1	0.011	HDPE
ZONE 235-6722	MH-4974	MH-4975	565.56	565.27	562.93	562.89	40.2	1,100.00	1.36	1,000.00	97.5709	83.7172	1.4	1.53	1.28	55	0.011	HDPE
ZONE 235-1452	MH-4980	MH-4267	588.96	588.99	587.58	587.54	32.6	271	0.6	766.846	2.9235	1.4925	1.1	1.1	1.18	52.7	0.01	HDPE
ZONE 235-1592	MH-2247	MH-2796	583.22	582.79	580.65	580.59	32.6	217	0.6	529.199	1.9457	0.8574	2.2	2.36	1.99	46.2	0.01	HDPE
ZONE 235-1589	MH-4984	MH-2779	583.95	583.49	582.86	582.54	32.6	150	0.93	100	1.52	0.5394	0.9	0.94	0.8	48.3	0.011	HDPE
ZONE 235-1730	MH-4985	MH-1699	580.67	580.44	579.33	579.09	32.7	150	0.6	133.39	1.3161	0.166	1.2	1.19	1.21	26.7	0.011	HDPE
ZONE 235-3695	MH-4986	MH-2837	578.84	579.26	576.89	576.86	32.7	150	0.24	1,000.00	0.4807	0.0845	2	1.8	2.25	26	0.011	HDPE
ZONE 235-3773	MH-3763	MH-4989	583.56	582.96	581.97	582.01	34.4	150	0.12	1,000.00	0.4807	0.0091	1.1	1.44	0.8	16.6	0.011	HDPE
ZONE 235-6610	MH-4990	MH-4991	570.09	570.46	567.27	567.23	32.7	271	0.6	890.744	2.7125	1.9111	2.8	2.55	2.96	61.8	0.01	HDPE
ZONE 235-1440	MH-4994	MH-4848	592.11	591.6	590.98	590.65	32.8	150	0.66	100	1.52	0.1619	0.9	0.98	0.8	23.8	0.011	HDPE
ZONE 235-6682	MH-6	MH-2455	581	581	579.44	579.4	40.4	700	1.01	1,000.00	29.2326	26.0204	0.9	0.86	0.9	55.7	0.011	HDPE
ZONE 235-1479	MH-4016	MH-2945	588.55	588.48	587.6	587.53	32.8	150	0.19	483.275	0.6914	0.0169	0.8	0.8	0.8	11.1	0.011	HDPE
ZONE 235-3994	MH-4998	MH-2872	566.37	565.74	563.05	562.92	30.7	150	0.6	229.378	1.0036	0.3306	2.9	3.17	2.67	40.1	0.011	HDPE
ZONE 235-1964	MH-5001	MH-5002	588.53	588.21	587.58	587.26	32.9	150	0.25	100.815	1.5139	0.007	0.8	0.8	0.8	7.3	0.011	HDPE
ZONE 235-1404	MH-5006	MH-2168	589	588.26	587.64	587.31	32.9	150	0.27	100	1.52	0.0087	1	1.21	0.8	5.6	0.011	HDPE
ZONE 235-6654	MH-5009	MH-4858	581.95	581.58	580.51	580.18	33	600	2.28	100	61.2834	20.0511	0.8	0.85	0.8	45.5	0.011	HDPE
ZONE 235-1445	MH-4651	MH-4825	590.27	590.18	589.05	588.96	33	175	0.6	397.675	1.2647	0.5586	1	1.05	1.04	47.9	0.01	HDPE
ZONE 235-1297	MH-4610	MH-2410	587.84	587.5	585.52	585.48	33	400	0.62	1,000.00	7.2303	2.5851	1.8	1.93	1.62	40.4	0.01	HDPE
ZONE 235-5757	MH-4271	MH-5014	575.57	574.82	574.2	573.87	33	150	0.92	100	1.52	0.5147	1	1.22	0.8	43.3	0.011	HDPE
ZONE 235-1393	MH-5015	MH-4537	589.29	588.37	587.75	587.42	33.1	150	0.46	100	1.52	0.0489	1.1	1.39	0.8	13.1	0.011	HDPE
ZONE 235-1743	MH-2197	MH-5016	581.04	581.02	580.09	580.06	33.1	150	0.17	1,000.00	0.4807	0.0262	0.8	0.8	0.81	16.6	0.011	HDPE
ZONE 235-4565	MH-4684	MH-5017	595.61	596.39	594.59	594.87	28.5	217	1.19	100	4.476	1.1544	1.1	0.8	1.3	39.2	0.01	HDPE
ZONE 235-5160	MH-5018	MH-4647	566.25	566.06	565.11	564.83	33.1	150	0.6	115.99	1.4114	0.1406	1	0.99	1.08	26.5	0.011	HDPE
ZONE 235-4123	MH-3919	MH-5019	565.92	566.29	564.51	564.47	32.4	150	0.26	1,000.00	0.4807	0.1138	1.5	1.26	1.66	28.6	0.011	HDPE
ZONE 235-1279	MH-4061	MH-5020	592.61	591.98	591.3	590.96	33.2	217	1.2	100	4.476	1.1795	0.9	1.09	0.8	46.8	0.01	HDPE
ZONE 235-1308	MH-3887	MH-4613	587.14	587.07	586.19	586.12	33.2	150	0.28	452.1	0.7149	0.0517	0.8	0.8	0.8	16.9	0.011	HDPE
ZONE 235-4392	MH-5219	MH-906	600.99	601.53	600.04	600	36	150	0.14	1,000.00	0.4807	0.0123	1.1	0.8	1.38	17.7	0.011	HDPE
ZONE 235-3774	MH-3763	MH-5220	583.56	584.23	582.61	582.96	34.4	150	0.28	100	1.52	0.0092	1	0.8	1.12	5.8	0.011	HDPE
ZONE 235-4970	MH-1728	MH-5221	581	581	579.76	579.84	35.8	175	0.6	422.556	1.2269	0.6103	1	1.07	0.98	45.6	0.01	HDPE
ZONE 235-4953	MH-4257	MH-395	587.23	587	584.46	584.54	31.2	175	0.6	393.91	1.2708	0.5505	2.4	2.59	2.29	42.6	0.01	HDPE
ZONE 235-21	MH-5225	MH-1083	577.56	579.18	576.61	576.39	23.8	150	0.6	106.712	1.4714	0.1279	1.7	0.8	2.63	23.5	0.011	HDPE
ZONE 235-4519	MH-5227	MH-2184	605.13	605.81	603.15	603.42	36.9	150	0.6	133.285	1.3166	0.1658	2	1.83	2.24	27.1	0.011	HDPE
ZONE 235-1313	MH-5232	MH-4270	587.21	587.13	586.26	586.18	36.2	150	0.2	467.927	0.7027	0.0195	0.8	0.8	0.8	10.7	0.011	HDPE
ZONE 235-1799	MH-4112	MH-5244	574.32	574.17	572.56	572.3	36.3	150	0.6	140.567	1.2821	0.1785	1.7	1.6	1.71	27.7	0.011	HDPE
ZONE 235-128	MH-5245	MH-5246	575.31	574.22	573.6	573.27	36.3	150	1.04	111.456	1.5838	0.7344	1.2	1.56	0.8	51.9	0.01	HDPE
ZONE 235-1431	MH-1888	MH-4051	592.55	592.69	591.6	591.57	36.4	150	0.18	1,000.00	0.4807	0.0331	0.9	0.8	0.97	21.1	0.011	HDPE
ZONE 235-1804	MH-5250	MH-4112	573.55	574.32	572.6	572.56	36.4	150	0.17	1,000.00	0.4807	0.0239	1.2	0.8	1.6	21	0.011	HDPE
ZONE 235-1471	MH-4240	MH-4268	588.75	588.86	587.39	587.07	36.4	150	0.6	112.04	1.436	0.1348	1.4	1.21	1.64	25.6	0.011	HDPE
ZONE 235-1267	MH-5251	MH-5252	594.07	594.19	592.72	592.64	36.4	175	0.6	460.874	1.1748	0.6984	1.3	1.17	1.37	56.7	0.01	HDPE
ZONE 235-5858	MH-5253	MH-4072	587.28	586.19	585.6	585.24	36.5	150	0.49	100	1.52	0.0614	1.2	1.53	0.8	14.6	0.011	HDPE
ZONE 235-6645	MH-5254	MH-4740	586.44	585.49	584.9	584.54	36.5	150	0.6	100	1.52	0.1146	1.1	1.38	0.8	20	0.011	HDPE
ZONE 235-1351	MH-5256	MH-5257	592.89	592.97	591.8	591.84	36.5	150	0.24	1,000.00	0.4807	0.0864	1	0.94	0.98	24.8	0.011	HDPE
ZONE 235-1794	MH-5258	MH-1542	574.35	573.41	572.83	572.46	36.5	150	0.38	100	1.52	0.0245	1.1	1.38	0.8	10.8	0.011	HDPE
ZONE 235-91	MH-5262	MH-1633	582.93	582.16	581.57	581.21	36.6	150	1.2	100	1.672	1.1427	1	1.21	0.8	65.4	0.01	HDPE
ZONE 235-6671	MH-735	MH-5270	590.82	590.35	589.35	588.95	39.9	600	2.23	100	61.2834	18.2964	0.8	0.86	0.8	43.3	0.011	HDPE