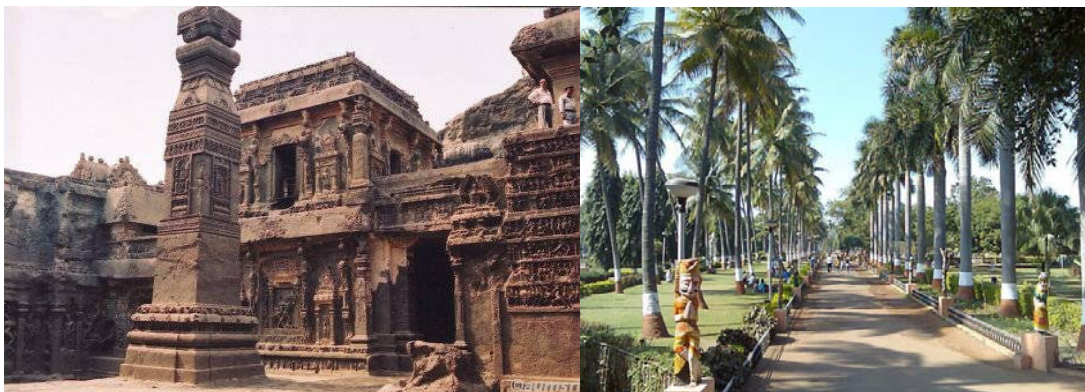


**URBAN INFRASTRUCTURE DEVELOPMENT SCHEME
FOR SMALL AND MEDIUM TOWN
Aurangabad Municipal Corporation**



**Detailed Project Report on Underground Sewerage System
For Aurangabad City**

Volume II – Design Report & Drawings



**Prepared by:
Fortress Infrastructure Advisory Services, Mumbai**

June 2013



DESIGN

ZONE - I

PIPE REPORT FOR ZONE 1

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
MH-1	MH-2	588.6	588.6	587.45	587.38	19.2	150	0.33	270.145	0.9248	0.0501	1	1	1.06	28.3	0.011	Concrete
MH-3	MH-4	583.49	583.44	582.34	582.29	13.3	150	0.29	253.103	0.9554	0.0319	1	1	1	17.4	0.011	Concrete
MH-5	MH-6	578.99	579.03	577.84	577.87	3	150	0.42	100	1.52	0.0361	1	1	1.01	11.3	0.011	Concrete
MH-7	MH-8	586.67	586.65	585.52	585.5	3	150	0.26	109.997	1.4493	0.0077	1	1	1	5.8	0.011	Concrete
MH-10	MH-9	574.9	574.89	573.75	573.73	20.7	150	0.23	1,000.00	0.4807	0.0674	1	1	1	21.8	0.011	Concrete
MH-13	MH-14	567.55	567.53	566.32	566.32	4.6	150	0.14	1,000.00	0.4807	0.0121	1.1	1.07	1.06	11.1	0.011	Concrete
MH-15	MH-16	580.25	580.33	578.83	578.83	9.8	150	0.17	1,000.00	0.4807	0.0274	1.3	1.27	1.36	35.2	0.011	Concrete
MH-19	MH-20	581.18	581.18	579.91	579.91	5.8	150	0.11	1,000.00	0.4807	0.0054	1.1	1.12	1.12	8.3	0.011	Concrete
MH-21	MH-22	578.73	578.64	577.55	577.49	5.9	150	1.17	100	1.672	1.0149	1	1.03	1	61.4	0.01	Concrete
MH-23	MH-24	569.24	569.35	566.91	566.9	11.4	150	0.18	1,000.00	0.4807	0.0322	2.2	2.18	2.31	42.1	0.011	Concrete
MH-25	MH-26	571.03	571.02	569.54	569.53	6.3	150	0.13	1,000.00	0.4807	0.0117	1.3	1.34	1.34	11.4	0.011	Concrete
MH-27	MH-28	573.52	573.38	572.3	572.23	6.5	150	0.32	100	1.52	0.0148	1	1.08	1	7.3	0.011	Concrete
MH-29	MH-30	581.86	581.77	580.68	580.62	6.5	150	0.32	100	1.52	0.0154	1	1.03	1	9.5	0.011	Concrete
MH-31	MH-32	597.49	597.52	596.34	596.29	6.5	150	0.8	124.168	1.3641	0.4204	1	1	1.09	39.9	0.011	Concrete
MH-33	MH-34	569	569.02	567.49	567.48	6.5	150	0.28	1,000.00	0.4807	0.1393	1.4	1.37	1.39	47	0.011	Concrete
MH-35	MH-36	565.52	565.5	564.37	564.34	6.7	150	0.8	212.446	1.1471	0.6914	1	1	1.01	55.5	0.01	Concrete
MH-37	MH-38	567.91	567.87	566.76	566.72	19.2	150	0.38	413.419	0.7476	0.1414	1	1	1	26.9	0.011	Concrete
MH-39	MH-40	567.29	567.28	566.14	566.13	6.8	150	0.14	382.803	0.7769	0.0049	1	1	1	5	0.011	Concrete
MH-41	MH-42	569.22	569.36	567.09	567.09	7	150	0.19	1,000.00	0.4807	0.0367	2.1	1.98	2.13	15	0.011	Concrete
MH-43	MH-44	575.29	575.14	574.06	573.99	7.1	150	0.45	100	1.52	0.0454	1	1.08	1	12.6	0.011	Concrete
MH-45	MH-46	554.88	554.94	553.3	553.28	7.2	217	0.8	255.204	2.8019	0.9233	1.4	1.36	1.44	39.4	0.01	HDPE
MH-47	MH-48	569.16	569.3	567.08	567.07	7.2	150	0.18	1,000.00	0.4807	0.0324	2	1.93	2.08	20.5	0.011	HDPE
MH-49	MH-50	585.73	585.9	584.58	584.65	7.2	150	0.64	100	1.52	0.1481	1	1	1.09	22.7	0.011	HDPE
MH-51	MH-52	571.23	571.3	569.48	569.47	7.4	150	0.15	1,000.00	0.4807	0.0178	1.6	1.6	1.69	35.2	0.011	HDPE
MH-53	MH-54	569.06	568.93	566.78	566.72	7.4	150	0.8	131.402	1.326	0.4516	2.1	2.14	2.06	44.2	0.011	HDPE
MH-55	MH-29	581.96	581.86	580.78	580.71	7.5	150	0.22	100	1.52	0.0042	1	1.02	1	3.9	0.011	HDPE
MH-56	MH-57	584.51	584.48	583.36	583.31	7.8	150	0.65	143.679	1.2681	0.2475	1	1	1.02	32.6	0.011	HDPE
MH-58	MH-59	564.21	564.09	563.02	562.94	7.9	150	0.24	100	1.52	0.0059	1	1.04	1	11.6	0.011	HDPE
MH-60	MH-61	577.25	577.29	575.03	575.03	7.9	150	0.17	1,000.00	0.4807	0.024	2.1	2.07	2.11	17.9	0.011	HDPE
MH-62	MH-63	589.56	589.55	587.5	587.48	7.9	271	0.8	431.463	3.8974	1.9906	1.8	1.8	1.8	51.2	0.01	HDPE
MH-64	MH-65	588.53	588.58	587.24	587.2	7.9	150	0.37	171.804	1.1597	0.0435	1.2	1.14	1.23	28.8	0.011	HDPE
MH-66	MH-67	568.5	568.66	566.94	566.93	8	150	0.15	1,000.00	0.4807	0.0173	1.5	1.41	1.57	32	0.011	HDPE
MH-68	MH-2	588.56	588.6	587.39	587.38	9.3	150	0.22	1,000.00	0.4807	0.0577	1	1.02	1.06	38.2	0.011	HDPE
MH-70	MH-69	576.96	576.85	575.81	575.7	20.1	150	0.19	182.6	1.1249	0.0051	1	1	1	4.6	0.011	HDPE
MH-73	MH-74	555.75	555.75	554.6	554.59	8.1	150	0.33	1,000.00	0.4807	0.2782	1	1	1.01	41	0.011	HDPE
MH-75	MH-13	567.57	567.55	566.33	566.32	8.1	150	0.13	1,000.00	0.4807	0.0113	1.1	1.08	1.07	10.7	0.011	HDPE
MH-78	MH-79	571.43	571.29	570.22	570.14	8.4	150	0.68	100	1.52	0.1813	1	1.06	1	25.2	0.011	HDPE
MH-80	MH-81	585.34	585.4	584.19	584.25	15.9	150	0.2	251.628	0.9582	0.0093	1	1	1	8.8	0.011	HDPE
MH-82	MH-83	604	604.12	602.85	602.84	8.5	150	0.15	1,000.00	0.4807	0.0151	1.1	1	1.13	15.7	0.011	HDPE
MH-84	MH-85	575.75	575.52	574.46	574.37	8.5	150	0.23	100	1.52	0.005	1.1	1.14	1	4.3	0.011	HDPE
MH-86	MH-87	569.11	569.27	566.94	566.93	8.5	150	0.19	1,000.00	0.4807	0.0342	2.1	2.02	2.19	37.8	0.011	HDPE
MH-92	MH-93	583.88	583.79	582.63	582.64	8.6	150	0.2	1,000.00	0.4807	0.0436	1	1.1	1	22.4	0.011	HDPE
MH-96	MH-97	581.41	581.37	580.26	580.22	8.7	150	0.35	178.792	1.1368	0.0377	1	1	1	12.8	0.011	HDPE
MH-98	MH-99	576.07	576.05	574.92	574.9	15.4	150	0.15	826.795	0.5286	0.0143	1	1	1	9.4	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-100	MH-101	577.07	577.11	575.9	575.89	8.8	150	0.14	1,000.00	0.4807	0.0141	1	1.02	1.06	12.8	0.011	HDPE
MH-102	MH-103	584.22	584.07	583	582.92	8.8	150	0.71	100	1.52	0.21	1	1.07	1	27.2	0.011	HDPE
MH-104	MH-105	580.35	580.25	579.19	579.1	8.9	150	1.07	100	1.672	0.7214	1	1.01	1	50.6	0.01	HDPE
MH-106	MH-107	580	580	576.67	576.68	8.9	150	0.13	1,000.00	0.4807	0.0112	3.2	3.18	3.16	11.9	0.011	HDPE
MH-108	MH-42	569.54	569.36	568.3	568.21	9	150	0.46	100	1.52	0.0478	1	1.09	1	12.9	0.011	HDPE
MH-109	MH-110	576.36	576.27	575.21	575.12	9.7	150	0.42	112.935	1.4303	0.0403	1	1	1	12	0.011	HDPE
MH-111	MH-112	574.83	574.73	573.67	573.58	9.1	150	0.44	100	1.52	0.0422	1	1.01	1	12.1	0.011	HDPE
MH-113	MH-114	579.76	579.47	578.41	578.32	9.2	150	1.14	100	1.672	0.9068	1.1	1.19	1	57.5	0.01	HDPE
MH-110	MH-115	576.27	576.1	575.05	574.95	10	150	0.66	100	1.52	0.16	1	1.07	1	23.7	0.011	HDPE
MH-118	MH-78	571.59	571.43	570.37	570.28	9.4	150	0.68	100	1.52	0.1783	1	1.07	1	25	0.011	HDPE
MH-119	MH-120	586.32	586.34	585.17	585.16	9.4	150	0.24	1,000.00	0.4807	0.0891	1	1	1.03	23.3	0.011	HDPE
MH-121	MH-122	568.27	568.46	567.12	567.11	9.4	150	0.12	1,000.00	0.4807	0.0081	1.1	1	1.2	10.6	0.011	HDPE
MH-125	MH-126	575.75	575.61	574.55	574.46	9.5	150	0.45	100	1.52	0.0454	1	1.05	1	12.6	0.011	HDPE
MH-127	MH-128	582.97	582.83	581.78	581.68	9.5	150	0.57	100	1.52	0.0978	1	1.05	1	18.4	0.011	HDPE
MH-131	MH-132	595.99	595.84	594.78	594.69	9.6	150	0.8	100	1.52	0.318	1	1.06	1	33.6	0.011	HDPE
MH-133	MH-134	572.64	572.45	570.76	570.75	9.6	150	0.26	1,000.00	0.4807	0.1077	1.6	1.73	1.56	31.9	0.011	HDPE
MH-135	MH-136	581.83	581.8	580.68	580.65	9.7	150	0.23	342.925	0.8208	0.0194	1	1	1	14.6	0.011	HDPE
MH-14	MH-137	567.53	567.51	566.32	566.31	9.7	150	0.14	1,000.00	0.4807	0.0131	1.1	1.06	1.05	11.6	0.011	HDPE
MH-138	MH-139	589.65	589.59	588.5	588.44	9.7	150	0.37	173.134	1.1552	0.0452	1	1	1	15.2	0.011	HDPE
MH-140	MH-141	586.24	586.19	585.09	585.04	9.7	150	0.27	193.936	1.0915	0.0187	1	1	1	11.1	0.011	HDPE
MH-142	MH-143	578.63	578.6	577.36	577.33	9.9	271	1.03	283.339	4.8095	2.8938	1	1	1	54.4	0.01	HDPE
MH-144	MH-145	565.08	564.97	563.92	563.82	9.9	150	0.24	100	1.52	0.0054	1	1.01	1	5.2	0.011	HDPE
MH-146	MH-147	555.87	555.8	554.72	554.65	9.9	150	0.44	147.933	1.2497	0.0661	1	1	1	16.5	0.011	HDPE
MH-150	MH-151	583.27	583.06	582.01	581.91	10	150	0.84	100	1.52	0.3805	1.1	1.11	1	36.9	0.011	HDPE
MH-152	MH-153	566.95	567.05	565.8	565.79	10	150	0.08	1,000.00	0.4807	0.0021	1.1	1	1.11	5.7	0.011	HDPE
MH-151	MH-154	583.06	582.86	581.81	581.71	10.1	150	0.85	100	1.52	0.3867	1.1	1.1	1	37.2	0.011	HDPE
MH-155	MH-156	583.17	582.91	581.86	581.76	10.1	150	0.56	100	1.52	0.0906	1.1	1.17	1	17.8	0.011	HDPE
MH-157	MH-158	582.56	582.36	581.16	581.1	10.1	150	0.8	163.878	1.3061	0.4712	1.2	1.25	1.11	42.9	0.01	HDPE
MH-159	MH-160	564.92	564.72	562.44	562.43	10.2	150	0.3	1,000.00	0.4807	0.1771	2.2	2.33	2.14	32.9	0.011	HDPE
MH-161	MH-162	572.59	572.51	570.6	570.59	10.3	150	0.23	1,000.00	0.4807	0.0774	1.8	1.85	1.77	27.5	0.011	HDPE
MH-163	MH-164	582.98	582.89	581.6	581.55	10.5	175	0.8	218.863	1.7048	0.7211	1.2	1.21	1.16	45.3	0.01	HDPE
MH-165	MH-166	579.35	579.46	578.2	578.19	10.3	150	0.12	1,000.00	0.4807	0.0088	1.1	1	1.12	9.7	0.011	HDPE
MH-167	MH-168	576.68	576.48	575.43	575.33	10.3	150	0.76	100	1.52	0.2637	1.1	1.1	1	30.5	0.011	HDPE
MH-169	MH-170	583.87	583.66	582.62	582.51	10.3	150	0.84	100	1.52	0.3703	1.1	1.11	1	36.4	0.011	HDPE
MH-171	MH-172	567.37	567.34	565.82	565.79	10.4	150	0.29	308.524	0.8654	0.0411	1.4	1.4	1.4	18.5	0.011	HDPE
MH-173	MH-174	580.33	580.32	579.18	579.17	10.4	150	0.39	663.245	0.5902	0.2921	1	1	1	41.9	0.011	HDPE
MH-175	MH-176	578.91	579.18	576.4	576.39	10.4	150	0.22	1,000.00	0.4807	0.0646	2.5	2.36	2.65	41.2	0.011	HDPE
MH-179	MH-180	575.24	575.07	574.02	573.92	10.5	150	0.52	100	1.52	0.0722	1	1.06	1	18.2	0.011	HDPE
MH-181	MH-182	577.29	577.04	575.99	575.89	10.5	150	0.38	100	1.52	0.0258	1.1	1.15	1	9.6	0.011	HDPE
MH-184	MH-183	556.07	555.97	554.92	554.82	10.5	150	0.4	109.542	1.4523	0.0329	1	1	1	12.1	0.011	HDPE
MH-185	MH-186	591.22	591.05	590	589.9	10.5	150	0.47	100	1.52	0.0518	1	1.07	1	13.4	0.011	HDPE
MH-187	MH-188	567.19	567.16	566.04	566.01	10.5	150	0.16	334.836	0.8307	0.0059	1	1	1	5.4	0.011	HDPE
MH-189	MH-190	577.19	577.33	576.04	576.14	10.6	150	0.26	100	1.52	0.0073	1	1	1.04	5.2	0.011	HDPE
MH-191	MH-192	569.4	569.4	567.43	567.32	10.6	150	0.8	101.781	1.5067	0.3269	1.9	1.82	1.92	41.1	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-193	MH-75	567.54	567.57	566.34	566.33	10.6	150	0.08	1,000.00	0.4807	0.0025	1.1	1.05	1.08	7.9	0.011	HDPE
MH-194	MH-195	555.53	555.54	554.38	554.37	10.6	150	0.3	1,000.00	0.4807	0.1818	1	1	1.02	43.8	0.011	HDPE
MH-196	MH-197	574.45	574.26	573.1	573.11	10.6	150	0.25	1,000.00	0.4807	0.0974	1.1	1.2	1	30.7	0.011	HDPE
MH-198	MH-199	590.59	590.43	589.38	589.28	10.7	150	0.46	100	1.52	0.0486	1	1.06	1	13	0.011	HDPE
MH-74	MH-200	555.75	555.65	554.59	554.5	10.7	150	0.72	120.444	1.385	0.2831	1	1.01	1	42.9	0.011	HDPE
MH-42	MH-201	569.36	569.35	566.88	566.87	10.8	150	0.33	1,000.00	0.4807	0.2796	2.3	2.33	2.33	42.9	0.011	HDPE
MH-206	MH-207	571.46	571.45	570.31	570.27	10.9	150	0.26	269.662	0.9256	0.0235	1	1	1.02	11.1	0.011	HDPE
MH-201	MH-208	569.35	569.36	566.87	566.76	10.9	150	0.8	101.268	1.5105	0.3247	2.4	2.33	2.45	34.1	0.011	HDPE
MH-209	MH-210	580.72	580.47	579.43	579.32	11	150	0.5	100	1.52	0.0637	1.1	1.14	1	22.4	0.011	HDPE
MH-213	MH-214	565.25	565.15	562.48	562.46	19.5	150	0.22	1,000.00	0.4807	0.0569	2.6	2.62	2.55	35.2	0.011	HDPE
MH-217	MH-218	599.85	599.66	598.62	598.51	11.1	150	0.73	100	1.52	0.2283	1	1.08	1	28.3	0.011	HDPE
MH-219	MH-220	570.6	570.65	569.32	569.31	11.1	150	0.18	1,000.00	0.4807	0.0317	1.2	1.13	1.19	20.9	0.011	HDPE
MH-221	MH-193	567.51	567.54	566.36	566.34	11.1	150	0.07	1,000.00	0.4807	0.0015	1	1	1.05	4.7	0.011	HDPE
MH-222	MH-165	579.39	579.35	578.24	578.2	11.2	150	0.17	281.665	0.9057	0.0064	1	1	1	7.6	0.011	HDPE
MH-223	MH-157	582.79	582.56	581.52	581.41	11.2	150	0.77	100	1.52	0.2777	1.1	1.11	1	31.3	0.011	HDPE
MH-224	MH-225	577.35	577.26	576.08	576.07	11.2	150	0.19	1,000.00	0.4807	0.0346	1.1	1.12	1.04	15.8	0.011	HDPE
MH-226	MH-227	568.14	568.36	566.99	566.98	11.2	150	0.12	1,000.00	0.4807	0.0092	1.1	1	1.23	11.9	0.011	HDPE
MH-228	MH-229	574.67	574.49	573.45	573.34	11.2	150	0.71	100	1.52	0.2101	1	1.07	1	27.2	0.011	HDPE
MH-230	MH-231	580.16	579.98	578.91	578.8	11.2	175	1.34	100	2.5221	1.7673	1	1.07	1	74.9	0.01	HDPE
MH-234	MH-68	588.55	588.56	587.4	587.39	10	150	0.21	1,000.00	0.4807	0.0509	1	1	1.02	32.7	0.011	HDPE
MH-235	MH-236	588.99	588.9	587.84	587.75	11.3	150	0.24	116.502	1.4083	0.0069	1	1	1	6.4	0.011	HDPE
MH-237	MH-238	580.55	580.65	578.57	578.56	11.3	150	0.28	1,000.00	0.4807	0.1447	1.9	1.83	1.94	38.4	0.011	HDPE
MH-239	MH-240	555.78	555.68	554.63	554.53	11.3	150	0.46	109.397	1.4533	0.0522	1	1	1	13.6	0.011	HDPE
MH-241	MH-242	572.14	571.94	570.91	570.79	11.4	150	0.67	100	1.52	0.1681	1	1.08	1	24.2	0.011	HDPE
MH-243	MH-244	581.59	581.48	580.3	580.19	11.4	150	0.29	103.877	1.4914	0.0105	1.1	1.14	1.14	9.2	0.011	HDPE
MH-245	MH-246	562.88	562.69	561.6	561.54	11.4	150	0.86	180.946	1.243	0.7183	1.1	1.13	1	54.8	0.01	HDPE
MH-247	MH-248	579.39	579.16	578	577.88	11.4	271	1.5	100	8.0956	2.7872	1.1	1.12	1	46.4	0.01	HDPE
MH-249	MH-234	588.57	588.55	587.42	587.4	11.5	150	0.25	524.216	0.6639	0.0418	1	1	1	24.3	0.011	HDPE
MH-250	MH-251	577.64	577.09	576.05	575.94	11.5	150	0.31	100	1.52	0.0128	1.2	1.43	1	6.8	0.011	HDPE
MH-252	MH-253	570.47	570.37	569.32	569.22	11.5	150	0.8	108.311	1.4605	0.3514	1	1	1	60.2	0.011	HDPE
MH-254	MH-255	584.8	584.98	581.38	581.34	11.5	217	0.8	285.396	2.6495	1.0761	3.3	3.2	3.42	48.1	0.01	HDPE
MH-67	MH-256	568.66	568.88	566.93	566.92	11.5	150	0.16	1,000.00	0.4807	0.0227	1.7	1.57	1.81	38.4	0.011	HDPE
MH-257	MH-258	596.38	596.2	595.16	595.05	11.5	150	0.76	100	1.52	0.2659	1	1.06	1	30.6	0.011	HDPE
MH-259	MH-260	571.45	571.21	570.18	570.06	11.5	150	0.5	100	1.52	0.0643	1.1	1.12	1	15	0.011	HDPE
MH-261	MH-41	568.99	569.22	567.11	567.09	15.7	150	0.18	1,000.00	0.4807	0.0312	1.9	1.73	1.98	17.5	0.011	HDPE
MH-262	MH-263	583.36	583.31	582.21	582.16	11.6	150	0.38	223.517	1.0167	0.0678	1	1	1	16.9	0.011	HDPE
MH-264	MH-265	577.58	577.4	576.37	576.25	11.6	150	0.54	100	1.52	0.0844	1	1.06	1	26.1	0.011	HDPE
MH-266	MH-267	578.75	578.62	577.59	577.47	11.6	150	0.3	100	1.52	0.0118	1	1.01	1	6.5	0.011	HDPE
MH-268	MH-269	568.64	568.42	566.62	566.56	11.7	150	0.8	167.764	1.2909	0.4881	1.8	1.86	1.72	46.4	0.01	HDPE
MH-270	MH-271	574.37	574.16	573.13	573.01	11.7	150	1.07	100	1.52	0.9505	1	1.09	1	60.6	0.011	HDPE
MH-273	MH-274	589.69	589.79	587.96	587.95	11.8	150	0.23	1,000.00	0.4807	0.0707	1.6	1.58	1.69	21	0.011	HDPE
MH-276	MH-277	584.8	584.65	583.62	583.5	11.8	150	0.28	100	1.52	0.01	1	1.04	1	6	0.011	HDPE
MH-278	MH-279	585.89	585.69	584.42	584.35	11.8	150	0.8	162.927	1.3099	0.4673	1.3	1.33	1.19	42.7	0.01	HDPE
MH-280	MH-281	581.03	580.77	579.74	579.62	11.8	150	1.04	100	1.672	0.6413	1.1	1.14	1	47.6	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-282	MH-249	588.64	588.57	587.49	587.42	11.8	150	0.34	176.573	1.1439	0.0336	1	1	1	15.1	0.011	HDPE
MH-285	MH-286	569.45	569.29	568.14	568.13	11.5	150	0.25	1,000.00	0.4807	0.0915	1.1	1.17	1.01	37.8	0.011	HDPE
MH-287	MH-288	578.3	578.1	577.07	576.95	11.8	150	0.48	100	1.52	0.0546	1	1.07	1	13.8	0.011	HDPE
MH-289	MH-290	583.59	583.49	582.2	582.15	11.8	175	0.8	227.381	1.6726	0.7651	1.2	1.22	1.17	47	0.01	HDPE
MH-291	MH-292	580.1	580.02	578.06	578.05	11.9	150	0.33	1,000.00	0.4807	0.2703	1.9	1.89	1.83	41.7	0.011	HDPE
MH-293	MH-294	565.76	565.73	564.6	564.58	11.9	150	0.29	682.873	0.5817	0.1007	1	1.01	1	24	0.011	HDPE
MH-295	MH-296	575.89	575.69	574.66	574.54	11.9	150	0.44	100	1.52	0.0419	1	1.08	1	13.3	0.011	HDPE
MH-297	MH-298	575.47	575.26	573.8	573.78	11.9	400	0.8	687.851	7.9254	5.4255	1.2	1.27	1.09	49.4	0.011	HDPE
MH-299	MH-300	569.27	569.25	568.1	568.09	11.9	150	0.18	1,000.00	0.4807	0.0313	1	1.02	1.01	14.1	0.011	HDPE
MH-301	MH-302	591.07	591.14	589.24	589.23	11.9	150	0.25	1,000.00	0.4807	0.0931	1.7	1.68	1.76	37.7	0.011	HDPE
MH-303	MH-19	581.2	581.18	579.92	579.91	11.9	150	0.1	1,000.00	0.4807	0.0044	1.1	1.13	1.12	7.2	0.011	HDPE
MH-304	MH-305	580.7	580.42	579.39	579.27	11.9	150	0.5	100	1.52	0.0641	1.1	1.16	1	14.9	0.011	HDPE
MH-306	MH-307	574.05	573.91	572.88	572.76	11.9	150	0.96	100	1.672	0.4796	1	1.02	1	40.7	0.01	HDPE
MH-308	MH-309	579.78	579.49	578.46	578.34	11.9	150	0.52	100	1.52	0.0696	1.1	1.17	1	15.6	0.011	HDPE
MH-310	MH-311	577.87	577.65	576.68	576.5	17.5	150	0.48	100	1.52	0.0571	1	1.05	1	14.1	0.011	HDPE
MH-312	MH-313	566.75	566.75	565.44	565.42	12	150	0.31	449.923	0.7166	0.0759	1.2	1.16	1.19	35.7	0.011	HDPE
MH-246	MH-314	562.69	562.5	561.47	561.35	12	150	1.07	100	1.672	0.724	1	1.07	1	50.7	0.01	HDPE
MH-315	MH-316	586.26	586.05	585.02	584.9	12	150	0.51	100	1.52	0.0702	1	1.09	1	15.7	0.011	HDPE
MH-317	MH-318	567.48	567.48	565.97	565.87	12	150	0.8	121.075	1.3814	0.4051	1.4	1.35	1.45	39	0.011	HDPE
MH-319	MH-320	573.19	572.94	571.91	571.79	12	150	0.33	100	1.52	0.0166	1.1	1.13	1	7.7	0.011	HDPE
MH-321	MH-322	571.6	571.27	570.23	570.12	12	150	0.45	100	1.52	0.0459	1.1	1.22	1	12.7	0.011	HDPE
MH-323	MH-324	555.78	555.71	554	553.94	12.1	175	0.8	192.483	1.8179	0.603	1.6	1.6	1.59	41.9	0.01	HDPE
MH-325	MH-326	588.38	588.27	587.2	587.12	12.1	150	0.86	160.192	1.3211	0.5983	1	1.03	1	48.7	0.01	HDPE
MH-330	MH-331	580.11	580.05	578.96	578.9	12.1	150	0.2	212.504	1.0427	0.0069	1	1	1	8.2	0.011	HDPE
MH-332	MH-333	579.9	579.97	578.75	578.73	12.1	150	0.21	1,000.00	0.4807	0.0555	1	1	1.08	29.3	0.011	HDPE
MH-334	MH-335	587.44	587.34	585.55	585.5	12.2	217	0.8	234.728	2.9215	0.8311	1.6	1.67	1.63	37.4	0.01	HDPE
MH-336	MH-337	572.01	571.76	570.74	570.61	12.2	150	0.47	100	1.52	0.0507	1.1	1.13	1	13.3	0.011	HDPE
MH-338	MH-339	567.77	567.76	566.62	566.61	12.3	150	0.09	1,000.00	0.4807	0.0031	1	1	1	6.9	0.011	HDPE
MH-340	MH-341	555.58	555.55	553.8	553.74	12.3	175	0.8	198.148	1.7917	0.6271	1.6	1.6	1.63	42.7	0.01	HDPE
MH-342	MH-279	585.66	585.69	584.5	584.48	12.3	150	0.28	1,000.00	0.4807	0.1515	1	1.01	1.05	30.6	0.011	HDPE
MH-343	MH-344	576.98	576.91	575.83	575.76	12.3	150	0.39	198.562	1.0787	0.0638	1	1	1	16.5	0.011	HDPE
MH-345	MH-346	570.92	570.68	569.65	569.53	12.3	150	0.52	100	1.52	0.0727	1.1	1.12	1	15.9	0.011	HDPE
MH-347	MH-348	583.65	583.5	582.47	582.35	12.3	150	0.37	100	1.52	0.0241	1	1.02	1	9.2	0.011	HDPE
MH-349	MH-350	589.41	589.42	587.94	587.93	12.4	150	0.26	1,000.00	0.4807	0.1108	1.3	1.32	1.35	27.4	0.011	HDPE
MH-324	MH-351	555.71	555.63	553.94	553.87	13	175	0.8	193.902	1.8112	0.609	1.6	1.59	1.59	42.1	0.01	HDPE
MH-354	MH-355	573.62	573.58	571.98	571.97	12.4	150	0.16	1,000.00	0.4807	0.0211	1.5	1.48	1.46	14.2	0.011	HDPE
MH-356	MH-357	566.58	566.27	565.18	565.06	12.5	217	1.47	100	4.0691	3.6243	1.1	1.18	1	75.9	0.011	HDPE
MH-358	MH-359	565.38	565.28	564.23	564.13	12.5	150	0.42	127.41	1.3466	0.0474	1	1	1	14	0.011	HDPE
MH-360	MH-361	595.4	595.34	592.01	591.89	12.6	150	0.8	104.347	1.488	0.3329	3.3	3.24	3.3	34.6	0.011	HDPE
MH-363	MH-362	583.06	583.2	581.63	581.62	12.6	150	0.19	1,000.00	0.4807	0.0346	1.4	1.28	1.43	25.5	0.011	HDPE
MH-364	MH-365	576.58	576.51	575.43	575.36	12.6	150	0.3	173.221	1.1549	0.0232	1	1	1	10.5	0.011	HDPE
MH-366	MH-367	572.34	572.45	571.13	571.06	12.6	150	0.8	175.146	1.2634	0.517	1.1	1.06	1.24	47.3	0.01	HDPE
MH-368	MH-369	577.23	577.05	576.02	575.9	12.6	150	0.29	100	1.52	0.0108	1	1.06	1	6.3	0.011	HDPE
MH-370	MH-371	547.44	547.46	545.92	545.9	12.6	150	0.18	561.436	0.6415	0.0148	1.4	1.37	1.42	37.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-373	MH-372	589.43	589.49	588.21	588.12	22	217	0.8	258.172	2.7857	0.9438	1.1	1	1.15	41.7	0.01	HDPE
MH-374	MH-375	578.27	577.99	576.96	576.84	12.7	150	0.5	100	1.52	0.0637	1.1	1.16	1	14.9	0.011	HDPE
MH-376	MH-377	567.6	567.5	566.32	566.23	12.7	271	1.23	132.58	7.0309	1.9943	1	1	1	49.1	0.01	HDPE
MH-236	MH-378	588.9	588.79	587.75	587.64	12.7	150	0.3	117.043	1.405	0.0147	1	1	1	8.8	0.011	HDPE
MH-379	MH-380	596.78	596.59	595.56	595.44	12.7	150	0.71	100	1.52	0.2089	1	1.07	1	27.1	0.011	HDPE
MH-381	MH-382	580.52	580.32	578.52	578.42	12.7	150	0.8	128.592	1.3404	0.4389	1.8	1.85	1.74	43.3	0.011	HDPE
MH-383	MH-384	587.32	587.47	586.17	586.29	12.8	150	0.43	100	1.52	0.0388	1	1	1.03	11.7	0.011	HDPE
MH-385	MH-386	588.59	588.51	587.44	587.36	12.8	150	0.41	167.391	1.1749	0.0625	1	1	1	15.7	0.011	HDPE
MH-387	MH-388	589.45	589.42	588.3	588.27	12.8	150	0.36	427.172	0.7354	0.1233	1	1	1	28.2	0.011	HDPE
MH-389	MH-390	567.13	567.13	565.84	565.79	12.8	150	0.38	258.413	0.9456	0.0813	1.2	1.14	1.19	29.7	0.011	HDPE
MH-391	MH-392	577.5	577.46	576.35	576.31	12.8	150	0.28	320.216	0.8494	0.0355	1	1	1	14.4	0.011	HDPE
MH-393	MH-394	589.86	589.83	588.29	588.22	12.8	150	0.8	176.741	1.2577	0.5236	1.4	1.42	1.46	45.9	0.01	HDPE
MH-395	MH-396	577.27	577.26	575.94	575.9	13.1	217	0.8	305.411	2.5612	1.1878	1.1	1.12	1.15	46.1	0.01	HDPE
MH-397	MH-379	596.97	596.78	595.76	595.63	12.9	150	0.68	100	1.52	0.1789	1	1.07	1	25	0.011	HDPE
MH-402	MH-403	572.66	572.53	571.5	571.38	12.9	150	0.53	100	1.52	0.0779	1	1.01	1	18.7	0.011	HDPE
MH-404	MH-405	580.59	580.26	579.21	579.08	12.9	175	1.06	100	2.5221	0.7112	1.1	1.2	1	40.7	0.01	HDPE
MH-406	MH-407	585.72	585.66	584.55	584.51	13	150	0.36	376.666	0.7832	0.1003	1	1.03	1	29.6	0.011	HDPE
MH-408	MH-387	589.49	589.45	588.34	588.3	13	150	0.38	329.349	0.8376	0.1012	1	1	1	25.3	0.011	HDPE
MH-409	MH-410	578.84	578.69	577.67	577.54	13	150	0.45	100	1.52	0.0456	1	1.01	1	14.4	0.011	HDPE
MH-413	MH-414	604.41	604.6	602.82	602.8	13	150	0.21	1,000.00	0.4807	0.0554	1.5	1.44	1.64	24.8	0.011	HDPE
MH-415	MH-416	588.03	587.94	586.88	586.79	13	150	0.47	136.774	1.2997	0.0729	1	1	1	16.5	0.011	HDPE
MH-132	MH-417	595.84	595.63	594.61	594.48	13	150	0.82	100	1.52	0.3423	1	1.08	1	34.9	0.011	HDPE
MH-420	MH-421	581.08	581.03	579.32	579.25	13	175	0.8	178.03	1.8903	0.5429	1.6	1.58	1.6	37.8	0.01	HDPE
MH-380	MH-257	596.59	596.38	595.36	595.23	13.1	150	0.74	100	1.52	0.238	1	1.08	1	29	0.011	HDPE
MH-422	MH-423	588.88	588.67	587.65	587.52	13.1	150	0.88	100	1.52	0.4504	1	1.08	1	40.3	0.011	HDPE
MH-424	MH-425	580.12	579.94	578.54	578.42	13.1	150	0.8	109.962	1.4495	0.3575	1.4	1.44	1.37	38.9	0.011	HDPE
MH-426	MH-144	565.27	565.08	564.06	563.93	13.1	150	0.2	100	1.52	0.0033	1	1.06	1	3.5	0.011	HDPE
MH-429	MH-430	566.85	566.86	565.7	565.71	13.1	150	0.14	715.784	0.5681	0.0095	1	1	1	7.5	0.011	HDPE
MH-258	MH-131	596.2	595.99	594.97	594.84	13.2	150	0.78	100	1.52	0.292	1	1.08	1	32.2	0.011	HDPE
MH-431	MH-432	574.4	574.13	573.11	572.98	13.2	150	0.43	100	1.52	0.0392	1.1	1.14	1	11.7	0.011	HDPE
MH-433	MH-434	578.21	577.99	576.97	576.84	13.2	150	0.44	100	1.52	0.0426	1	1.08	1	28.9	0.011	HDPE
MH-435	MH-436	584.12	583.69	582.68	582.54	13.3	150	0.55	100	1.52	0.0899	1.1	1.29	1	17.7	0.011	HDPE
MH-437	MH-438	576.95	577.01	574.32	574.24	13.3	150	0.8	173.657	1.2688	0.5109	2.5	2.48	2.62	45.2	0.01	HDPE
MH-339	MH-439	567.76	567.74	566.61	566.59	13.3	150	0.11	1,000.00	0.4807	0.0066	1	1	1	9.6	0.011	HDPE
MH-440	MH-441	588.25	588.15	587.1	587	13.4	150	0.48	134.227	1.312	0.0774	1	1	1	18.1	0.011	HDPE
MH-442	MH-443	605.81	605.91	604.66	604.76	13.4	150	0.69	127.675	1.3452	0.2499	1	1	1	30.5	0.011	HDPE
MH-444	MH-445	564.74	564.64	563.59	563.49	13.4	150	0.2	140.942	1.2804	0.0046	1	1	1	4.3	0.011	HDPE
MH-446	MH-447	573.69	573.5	572.48	572.35	13.4	150	0.48	100	1.52	0.0538	1	1.06	1	13.7	0.011	HDPE
MH-450	MH-451	573.08	572.87	571.86	571.72	13.4	150	0.41	100	1.52	0.0336	1	1.07	1	10.9	0.011	HDPE
MH-452	MH-355	573.93	573.58	572.56	572.43	13.4	150	0.38	100	1.52	0.0246	1.1	1.22	1	9.3	0.011	HDPE
MH-453	MH-454	585	584.98	581.28	581.24	13.4	217	0.8	337.019	2.4382	1.3772	3.5	3.5	3.53	50.8	0.01	HDPE
MH-455	MH-456	570.78	570.77	569.18	569.05	13.4	150	0.8	101.289	1.5103	0.3248	1.5	1.45	1.57	39.1	0.011	HDPE
MH-457	MH-106	580	580	576.66	576.67	13.5	150	0.15	1,000.00	0.4807	0.0179	3.2	3.19	3.18	13.6	0.011	HDPE
MH-458	MH-459	576.98	576.78	574.53	574.41	13.5	150	0.8	120.159	1.3867	0.4006	2.3	2.3	2.22	41.4	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-460	MH-24	569.62	569.35	568.34	568.2	13.5	150	0.46	100	1.52	0.0487	1.1	1.13	1	13.1	0.011	HDPE
MH-463	MH-464	575.78	575.51	574.63	574.36	31	150	0.32	116.721	1.4069	0.0164	1	1	1	7.8	0.011	HDPE
MH-465	MH-466	585.78	585.71	584.63	584.56	13.6	150	0.56	197.954	1.0804	0.2103	1	1	1	29.5	0.011	HDPE
MH-414	MH-467	604.6	604.78	602.8	602.79	13.6	150	0.23	1,000.00	0.4807	0.0704	1.7	1.64	1.84	27.2	0.011	HDPE
MH-468	MH-172	567.3	567.34	565.8	565.79	13.6	150	0.11	1,000.00	0.4807	0.0067	1.4	1.35	1.4	17.9	0.011	HDPE
MH-469	MH-470	565.37	565.09	564.08	563.94	13.6	150	0.15	100	1.52	0.0011	1.1	1.14	1	2.1	0.011	HDPE
MH-471	MH-472	567.07	567.03	565.92	565.88	13.6	150	0.32	325.685	0.8423	0.0588	1	1	1	16.9	0.011	HDPE
MH-473	MH-452	574.31	573.93	572.92	572.78	13.6	150	0.36	100	1.52	0.0206	1.1	1.24	1	8.6	0.011	HDPE
MH-476	MH-477	573.58	573.87	572.01	572	13.6	150	0.17	1,000.00	0.4807	0.0271	1.6	1.42	1.72	37.7	0.011	HDPE
MH-478	MH-479	589.23	589.19	588.08	588.04	13.6	150	0.36	355.013	0.8067	0.0975	1	1	1	21.5	0.011	HDPE
MH-480	MH-120	586.12	586.34	584.69	584.68	13.6	150	0.18	1,000.00	0.4807	0.033	1.4	1.28	1.52	36.2	0.011	HDPE
MH-481	MH-482	598.72	598.46	597.45	597.31	13.6	150	0.83	100	1.52	0.3565	1.1	1.12	1	35.7	0.011	HDPE
MH-487	MH-488	574.88	574.61	573.6	573.46	13.7	150	0.48	100	1.52	0.0551	1.1	1.13	1	13.9	0.011	HDPE
MH-489	MH-426	565.51	565.27	564.26	564.12	13.7	150	0.15	100	1.52	0.0011	1.1	1.1	1	2.1	0.011	HDPE
MH-490	MH-491	587.19	586.77	585.76	585.62	13.7	150	0.69	100	1.52	0.1927	1.1	1.28	1	26	0.011	HDPE
MH-351	MH-340	555.63	555.58	553.87	553.8	13.7	175	0.8	196.184	1.8007	0.6187	1.6	1.59	1.6	42.4	0.01	HDPE
MH-492	MH-493	573.49	573.18	572.17	572.03	13.7	150	0.41	100	1.52	0.0318	1.1	1.17	1	10.6	0.011	HDPE
MH-494	MH-445	564.88	564.64	563.63	563.49	13.7	150	0.43	100	1.52	0.0373	1.1	1.1	1	11.4	0.011	HDPE
MH-495	MH-496	570.45	570.55	568.85	568.83	13.8	150	0.15	1,000.00	0.4807	0.0161	1.5	1.46	1.57	36.9	0.011	HDPE
MH-497	MH-498	566.73	566.63	565.58	565.48	13.8	150	0.2	143.777	1.2677	0.0047	1	1	1	5	0.011	HDPE
MH-501	MH-404	580.94	580.59	579.55	579.41	13.8	175	1.05	100	2.5221	0.6921	1.1	1.21	1	40.1	0.01	HDPE
MH-502	MH-503	582.78	582.61	581.6	581.46	13.8	150	0.44	100	1.52	0.0427	1	1.03	1	12.3	0.011	HDPE
MH-506	MH-507	589.13	589.18	587.31	587.3	13.8	150	0.22	1,000.00	0.4807	0.0662	1.7	1.66	1.73	20.4	0.011	HDPE
MH-508	MH-509	555.87	556.06	554.48	554.47	13.8	150	0.16	1,000.00	0.4807	0.0213	1.3	1.24	1.44	42.8	0.011	HDPE
MH-510	MH-511	584.12	584.28	582.62	582.61	13.8	150	0.29	1,000.00	0.4807	0.1659	1.4	1.35	1.52	32.2	0.011	HDPE
MH-512	MH-513	597.02	597.15	595.87	595.86	13.8	150	0.22	1,000.00	0.4807	0.0636	1.1	1	1.14	47.4	0.011	HDPE
MH-514	MH-515	589.62	589.74	587.89	587.88	13.8	150	0.21	1,000.00	0.4807	0.0528	1.6	1.58	1.71	18.3	0.011	HDPE
MH-516	MH-517	570.99	570.76	569.75	569.61	13.8	150	0.69	100	1.52	0.1907	1	1.09	1	25.8	0.011	HDPE
MH-518	MH-519	581.31	581.23	580.16	580.08	13.8	150	0.11	155.303	1.2197	0.0006	1	1	1	2.6	0.011	HDPE
MH-520	MH-497	566.79	566.73	565.64	565.58	13.8	150	0.12	220.749	1.0231	0.0016	1	1	1	3.7	0.011	HDPE
MH-521	MH-522	546.5	546.35	545.33	545.2	13.9	150	0.67	100	1.52	0.1747	1	1.01	1	34.1	0.011	HDPE
MH-498	MH-523	566.63	566.54	565.48	565.39	13.9	150	0.23	142.513	1.2733	0.0078	1	1	1	6.1	0.011	HDPE
MH-524	MH-525	582.98	582.95	581.83	581.73	13.8	150	0.8	150.274	1.24	0.5457	1	1	1.06	47.1	0.011	HDPE
MH-529	MH-279	585.79	585.69	584.25	584.32	14	175	0.8	200.903	1.7794	0.6397	1.3	1.36	1.19	44	0.01	HDPE
MH-530	MH-191	569.36	569.4	567.44	567.43	14	150	0.33	1,000.00	0.4807	0.2675	1.8	1.77	1.82	42.9	0.011	HDPE
MH-531	MH-532	569.77	569.85	567.26	567.25	14	150	0.31	1,000.00	0.4807	0.2152	2.4	2.36	2.45	36.8	0.011	HDPE
MH-533	MH-534	584.23	583.92	582.91	582.77	14	150	0.73	100	1.52	0.2264	1.1	1.17	1	28.2	0.011	HDPE
MH-447	MH-535	573.5	573.33	572.32	572.18	14	150	0.5	100	1.52	0.0623	1	1.03	1	14.7	0.011	HDPE
MH-536	MH-429	566.57	566.85	565.42	565.56	14	150	0.71	100	1.52	0.2083	1.1	1	1.13	27	0.011	HDPE
MH-537	MH-538	580.06	580.21	578.46	578.45	14	150	0.16	1,000.00	0.4807	0.0219	1.5	1.45	1.61	15.7	0.011	HDPE
MH-539	MH-540	596.55	596.54	594.52	594.45	14.1	175	0.8	195.741	1.8027	0.6166	1.9	1.86	1.92	41	0.01	HDPE
MH-541	MH-53	569.13	569.06	566.89	566.78	14.1	150	0.8	126.082	1.3537	0.4282	2.1	2.09	2.14	43.3	0.011	HDPE
MH-260	MH-345	571.21	570.92	569.91	569.77	14.1	150	0.51	100	1.52	0.0682	1.1	1.15	1	15.4	0.011	HDPE
MH-544	MH-545	577.99	577.99	576.78	576.77	14.1	150	0.32	1,000.00	0.4807	0.2372	1.1	1.06	1.07	39.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-546	MH-547	579.88	579.78	578.61	578.63	14.1	150	0.23	1,000.00	0.4807	0.0759	1.1	1.12	1	28.4	0.011	HDPE
MH-240	MH-548	555.68	555.6	554.49	554.35	14	150	0.8	104.19	1.4891	0.3396	1.1	1.05	1.1	42.7	0.011	HDPE
MH-549	MH-550	561.76	561.5	559.9	559.91	14.2	150	0.21	1,000.00	0.4807	0.0536	1.6	1.71	1.44	35.2	0.011	HDPE
MH-166	MH-551	579.46	579.62	578.19	578.17	14.2	150	0.13	1,000.00	0.4807	0.0104	1.2	1.12	1.3	10.7	0.011	HDPE
MH-552	MH-553	575.35	575.09	574.08	573.94	14.2	150	0.49	100	1.52	0.0614	1.1	1.12	1	14.6	0.011	HDPE
MH-554	MH-555	582.91	582.57	581.56	581.42	14.2	150	0.52	100	1.52	0.0727	1.1	1.2	1	15.9	0.011	HDPE
MH-556	MH-538	580.23	580.21	579.08	579.06	13.5	150	0.13	620.704	0.6101	0.0059	1	1	1	5.8	0.011	HDPE
MH-557	MH-558	574.47	574.21	573.2	573.06	14.2	150	0.82	100	1.52	0.3454	1.1	1.12	1	35.1	0.011	HDPE
MH-559	MH-560	581.07	580.83	579.58	579.53	14.2	217	0.8	312.511	2.532	1.2273	1.2	1.27	1.09	47	0.01	HDPE
MH-561	MH-562	573.73	573.86	572.57	572.71	14.2	150	0.24	101.108	1.5117	0.0053	1	1.02	1	6.4	0.011	HDPE
MH-563	MH-479	589.07	589.19	586.99	586.96	18.4	400	0.8	553.922	9.7148	2.9791	1.8	1.68	1.84	38.2	0.01	HDPE
MH-564	MH-565	575.75	575.58	574.57	574.43	14.3	150	0.32	100	1.52	0.0144	1	1.03	1	7.2	0.011	HDPE
MH-566	MH-24	569.36	569.35	567.08	567.07	14.3	150	0.26	1,000.00	0.4807	0.1051	2.1	2.13	2.13	25.7	0.011	HDPE
MH-567	MH-187	567.24	567.19	566.09	566.04	14.3	150	0.15	331.045	0.8354	0.0046	1	1	1	5.6	0.011	HDPE
MH-568	MH-569	570.98	570.95	569.26	569.24	14.3	150	0.31	1,000.00	0.4807	0.218	1.6	1.57	1.56	47.7	0.011	HDPE
MH-570	MH-571	596.18	596.38	595.03	595.02	14.4	150	0.26	1,000.00	0.4807	0.1064	1.1	1	1.21	26.2	0.011	HDPE
MH-572	MH-573	578.28	578.3	577.13	577.11	14.4	150	0.23	1,000.00	0.4807	0.0764	1	1	1.03	22.5	0.011	HDPE
MH-574	MH-456	571.06	570.77	569.76	569.62	14.4	150	0.52	100	1.52	0.0731	1.1	1.14	1	16	0.011	HDPE
MH-575	MH-576	589.44	589.39	588.17	588.15	14.4	150	0.25	1,000.00	0.4807	0.0983	1.1	1.12	1.08	24.8	0.011	HDPE
MH-577	MH-578	591.3	591.05	590.05	589.9	14.5	150	1.09	100	1.672	0.7648	1.1	1.1	1	52.4	0.01	HDPE
MH-580	MH-579	555.75	555.74	554.42	554.4	14.5	150	0.22	977.936	0.4861	0.0619	1.2	1.18	1.18	25	0.011	HDPE
MH-581	MH-582	580.77	580.85	579.42	579.41	14.5	150	0.13	1,000.00	0.4807	0.0108	1.2	1.2	1.29	12.5	0.011	HDPE
MH-583	MH-584	570.11	569.89	568.8	568.74	14.5	150	0.49	257.735	0.9468	0.1825	1.1	1.16	1	31.8	0.011	HDPE
MH-585	MH-311	577.84	577.65	576.65	576.5	14.5	150	0.61	100	1.52	0.1201	1	1.05	1	20.5	0.011	HDPE
MH-586	MH-587	574.68	574.75	573.01	572.87	14.5	150	0.8	105.744	1.4782	0.3395	1.6	1.51	1.72	40.8	0.011	HDPE
MH-122	MH-588	568.46	568.75	567.11	567.1	14.5	150	0.14	1,000.00	0.4807	0.0149	1.3	1.2	1.5	13.6	0.011	HDPE
MH-589	MH-31	597.78	597.49	596.49	596.34	14.6	150	0.86	100	1.52	0.4173	1.1	1.15	1	42.2	0.011	HDPE
MH-590	MH-585	578.08	577.84	576.84	576.69	14.6	150	0.6	100	1.52	0.1166	1	1.09	1	20.1	0.011	HDPE
MH-591	MH-592	595.38	595.14	594.13	593.99	14.6	150	0.85	100	1.52	0.4031	1	1.1	1	38.1	0.011	HDPE
MH-593	MH-594	588.68	588.69	586.89	586.81	14.6	175	0.8	194.509	1.8084	0.6114	1.7	1.61	1.7	42.4	0.01	HDPE
MH-595	MH-596	581.86	581.51	580.51	580.36	14.6	150	0.86	100	1.52	0.4003	1.1	1.2	1	37.9	0.011	HDPE
MH-597	MH-598	567.79	567.51	566.51	566.36	14.6	150	0.57	100	1.52	0.101	1.1	1.13	1	18.8	0.011	HDPE
MH-599	MH-600	576.15	575.87	574.87	574.72	14.6	150	0.78	100	1.52	0.2844	1.1	1.14	1	31.7	0.011	HDPE
MH-601	MH-602	575.52	575.23	574.22	574.08	14.6	150	0.49	100	1.52	0.0591	1.1	1.15	1	14.4	0.011	HDPE
MH-603	MH-285	569.66	569.45	568.15	568.14	14.6	150	0.24	1,000.00	0.4807	0.0884	1.3	1.35	1.17	33.1	0.011	HDPE
MH-604	MH-605	590.13	590.27	588.49	588.47	14.6	150	0.22	1,000.00	0.4807	0.0659	1.6	1.49	1.64	35.7	0.011	HDPE
MH-606	MH-607	591.67	591.56	590.52	590.41	14.7	150	0.44	125.829	1.3551	0.0562	1	1	1	14.4	0.011	HDPE
MH-608	MH-609	585.51	585.6	583.84	583.82	14.7	150	0.28	1,000.00	0.4807	0.1443	1.6	1.52	1.63	30.1	0.011	HDPE
MH-417	MH-591	595.63	595.38	594.38	594.23	14.7	150	0.84	100	1.52	0.3714	1.1	1.1	1	36.4	0.011	HDPE
MH-610	MH-611	582.28	581.89	580.54	580.46	14.7	175	0.8	196.998	1.7969	0.6221	1.4	1.57	1.25	41.2	0.01	HDPE
MH-612	MH-480	585.85	586.12	584.7	584.69	14.7	150	0.15	1,000.00	0.4807	0.0169	1.1	1	1.28	27.2	0.011	HDPE
MH-519	MH-613	581.23	581.13	580.08	579.98	14.7	150	0.16	158.745	1.2064	0.0026	1	1	1	3.8	0.011	HDPE
MH-87	MH-614	569.27	569.22	566.93	566.9	14.7	150	0.41	461.831	0.7073	0.2161	2.2	2.19	2.17	47.1	0.011	HDPE
MH-615	MH-616	579.24	579.07	578.07	577.92	14.8	150	0.55	100	1.52	0.0877	1	1.02	1	30.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-617	MH-237	580.42	580.55	578.58	578.57	14.8	150	0.28	1,000.00	0.4807	0.139	1.8	1.69	1.83	37.4	0.011	HDPE
MH-618	MH-619	567.33	567.23	566.05	565.96	14.8	271	1.29	155.76	6.4867	2.9708	1	1	1	55.3	0.01	HDPE
MH-550	MH-620	561.5	561.42	559.91	559.93	14.8	150	0.19	1,000.00	0.4807	0.0354	1.4	1.44	1.35	27.2	0.011	HDPE
MH-621	MH-622	587.44	587.24	586.24	586.09	14.8	150	0.58	100	1.52	0.1041	1	1.05	1	19.1	0.011	HDPE
MH-623	MH-624	575.53	575.3	574.3	574.15	14.9	150	0.43	100	1.52	0.0379	1	1.08	1	11.5	0.011	HDPE
MH-625	MH-626	569.45	569.65	568.3	568.29	14.9	150	0.08	1,000.00	0.4807	0.0024	1.1	1	1.21	6.4	0.011	HDPE
MH-627	MH-610	582.67	582.28	580.62	580.54	14.9	175	0.8	193.06	1.8152	0.6054	1.7	1.88	1.57	42.1	0.01	HDPE
MH-628	MH-603	569.83	569.66	568.17	568.15	14.9	150	0.24	1,000.00	0.4807	0.0839	1.4	1.52	1.35	29.8	0.011	HDPE
MH-629	MH-630	574.19	573.98	572.98	572.83	14.9	150	0.42	100	1.52	0.0354	1	1.06	1	12.1	0.011	HDPE
MH-631	MH-632	582.12	581.62	580.62	580.47	15	150	0.58	100	1.52	0.1053	1.2	1.35	1	19.2	0.011	HDPE
MH-633	MH-634	582.62	582.45	581.45	581.3	15	150	0.48	100	1.52	0.0541	1	1.02	1	13.7	0.011	HDPE
MH-635	MH-636	579.42	579.08	578.08	577.93	15	150	1.04	100	1.52	0.839	1.1	1.19	1	56.5	0.011	HDPE
MH-637	MH-638	568.63	568.93	567.12	567.1	15	150	0.16	1,000.00	0.4807	0.0199	1.5	1.36	1.68	16.8	0.011	HDPE
MH-639	MH-640	580.22	580.08	579.07	578.93	15	150	0.38	105.976	1.4765	0.0271	1	1	1	9.8	0.011	HDPE
MH-641	MH-642	580.16	580.12	578.4	578.39	15	150	0.2	1,000.00	0.4807	0.0454	1.6	1.61	1.59	17	0.011	HDPE
MH-644	MH-397	597.21	596.97	595.97	595.82	15.1	150	0.64	100	1.52	0.1479	1	1.09	1	22.7	0.011	HDPE
MH-645	MH-646	564.07	564.36	562.92	563.07	15.1	150	0.87	100	1.52	0.4307	1.1	1	1.14	39.4	0.011	HDPE
MH-137	MH-647	567.51	567.47	566.31	566.3	15.1	150	0.15	1,000.00	0.4807	0.0152	1	1.05	1.02	11.9	0.011	HDPE
MH-648	MH-303	581.09	581.2	579.94	579.92	15.1	150	0.09	1,000.00	0.4807	0.003	1.1	1	1.13	6.2	0.011	HDPE
MH-649	MH-424	580.28	580.12	578.68	578.54	15.1	150	0.8	108.863	1.4568	0.3534	1.4	1.46	1.44	38.7	0.011	HDPE
MH-654	MH-655	586.25	586.03	585.03	584.88	15.1	150	0.35	100	1.52	0.0181	1	1.06	1	8	0.011	HDPE
MH-656	MH-338	567.83	567.77	566.68	566.62	15.1	150	0.1	251.96	0.9576	0.001	1	1	1	4	0.011	HDPE
MH-657	MH-658	582.02	582.02	580.84	580.83	15.1	150	0.3	1,000.00	0.4807	0.1771	1	1.03	1.04	35.7	0.011	HDPE
MH-660	MH-661	555.37	555.32	554.22	554.17	15.2	150	0.17	337.422	0.8275	0.0072	1	1	1	9.2	0.011	HDPE
MH-662	MH-663	566.93	566.83	565.78	565.68	15.2	150	0.21	151.329	1.2356	0.0058	1	1	1	4.8	0.011	HDPE
MH-664	MH-197	574.41	574.26	573.26	573.11	15.2	150	0.56	100.886	1.5133	0.0937	1	1	1	25	0.011	HDPE
MH-665	MH-641	580.17	580.16	578.42	578.4	15.2	150	0.19	1,000.00	0.4807	0.0346	1.6	1.61	1.61	19.4	0.011	HDPE
MH-666	MH-667	595.43	595.54	592.58	592.56	15.2	150	0.3	1,000.00	0.4807	0.1805	2.8	2.7	2.82	49.5	0.011	HDPE
MH-642	MH-668	580.12	580.07	578.12	578.11	15.3	150	0.22	1,000.00	0.4807	0.0667	1.8	1.85	1.81	25.2	0.011	HDPE
MH-669	MH-670	569.32	569.29	568.17	568.14	15.3	150	0.35	433.493	0.7301	0.105	1	1	1	23.2	0.011	HDPE
MH-672	MH-671	579.16	579.43	577.51	577.5	15.3	150	0.1	1,000.00	0.4807	0.005	1.6	1.5	1.79	9	0.011	HDPE
MH-673	MH-481	599.01	598.72	597.72	597.57	15.3	150	0.8	100	1.52	0.3236	1.1	1.14	1	34	0.011	HDPE
MH-147	MH-674	555.8	555.71	554.65	554.56	15.3	150	0.44	156.155	1.2164	0.0692	1	1	1	16.4	0.011	HDPE
MH-675	MH-676	583.28	583.13	582.13	581.98	15.3	150	0.75	101.336	1.51	0.2621	1	1	1	30.4	0.011	HDPE
MH-677	MH-678	588.63	588.78	586.83	586.82	15.3	150	0.21	1,000.00	0.4807	0.0502	1.7	1.65	1.81	17.9	0.011	HDPE
MH-679	MH-30	581.97	581.77	580.82	580.62	27.3	150	0.25	136.776	1.2997	0.0087	1	1	1	8.5	0.011	HDPE
MH-680	MH-174	580.61	580.32	579.32	579.17	15.3	150	0.38	100	1.52	0.0267	1.1	1.14	1	23.5	0.011	HDPE
MH-681	MH-492	573.84	573.49	572.49	572.34	15.3	150	0.39	100	1.52	0.0279	1.1	1.2	1	9.9	0.011	HDPE
MH-682	MH-683	581.63	581.49	580.48	580.34	15.3	150	0.27	106.252	1.4746	0.0089	1	1	1	7.2	0.011	HDPE
MH-684	MH-685	573.69	573.47	571	570.96	15.4	271	0.8	377.161	4.1686	1.6391	2.3	2.42	2.24	43.3	0.01	HDPE
MH-686	MH-687	583.44	583.28	582.29	582.13	15.4	150	0.32	100	1.52	0.0155	1	1	1	7.4	0.011	HDPE
MH-690	MH-691	588.6	588.54	587.45	587.39	15.4	150	0.35	259.08	0.9443	0.0594	1	1	1	16.1	0.011	HDPE
MH-24	MH-42	569.35	569.36	566.9	566.88	15.4	150	0.3	1,000.00	0.4807	0.1918	2.3	2.31	2.33	47.3	0.011	HDPE
MH-692	MH-693	571.39	571.35	570.24	570.2	15.5	150	0.15	393.641	0.7661	0.0058	1	1	1	7	0.011	HDPE

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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
MH-694	MH-695	581.45	581.31	580.3	580.16	15.5	150	0.23	106.652	1.4719	0.0056	1	1	1	7.5	0.011	HDPE
MH-696	MH-697	589.15	589.08	587.11	587.07	20.5	400	0.8	502.822	10.1965	2.6248	1.6	1.63	1.61	34.8	0.01	HDPE
MH-145	MH-494	564.97	564.88	563.82	563.73	15.5	150	0.22	167.557	1.1743	0.0076	1	1	1	5.6	0.011	HDPE
MH-698	MH-699	569.1	568.77	567.78	567.62	15.5	150	0.72	100	1.52	0.2175	1.1	1.17	1	27.6	0.011	HDPE
MH-337	MH-259	571.76	571.45	570.45	570.3	15.5	150	0.49	100	1.52	0.0575	1.1	1.16	1	14.2	0.011	HDPE
MH-281	MH-700	580.77	580.6	579.61	579.45	15.6	150	1.05	100	1.672	0.6719	1	1.02	1	48.8	0.01	HDPE
MH-464	MH-701	575.51	575.21	574.21	574.06	15.6	150	0.41	100	1.52	0.0324	1.1	1.15	1	10.7	0.011	HDPE
MH-702	MH-703	572.26	571.86	570.51	570.49	15.6	150	0.19	1,000.00	0.4807	0.0353	1.4	1.6	1.21	15	0.011	HDPE
MH-704	MH-705	584.65	584.56	583.5	583.41	36	150	0.24	400.866	0.7592	0.0268	1	1	1	11.5	0.011	HDPE
MH-706	MH-707	584.54	584.41	583.39	583.26	15.6	150	0.47	119.515	1.3904	0.0645	1	1	1	16.7	0.011	HDPE
MH-4	MH-675	583.44	583.28	582.29	582.13	15.6	150	0.61	100	1.52	0.1226	1	1	1	27.7	0.011	HDPE
MH-708	MH-709	598.02	597.66	596.67	596.51	15.6	150	0.94	100	1.52	0.5793	1.1	1.2	1	46.2	0.011	HDPE
MH-710	MH-711	570.82	570.71	569.67	569.56	15.6	150	0.47	145.701	1.2593	0.0797	1	1	1	27.8	0.011	HDPE
MH-212	MH-688	574.74	574.51	573.52	573.36	15.6	150	0.25	100	1.52	0.0067	1	1.07	1	5.5	0.011	HDPE
MH-712	MH-713	577.02	576.7	575.71	575.55	15.6	150	1.03	100	1.672	0.6232	1.1	1.16	1	53.7	0.01	HDPE
MH-714	MH-715	544.75	544.67	543.6	543.52	15.6	150	0.28	178.102	1.139	0.0174	1	1	1	9	0.011	HDPE
MH-716	MH-717	566.57	566.3	565.3	565.15	15.7	150	0.22	100	1.52	0.004	1.1	1.12	1	3.9	0.011	HDPE
MH-54	MH-268	568.93	568.64	566.72	566.62	15.7	150	0.8	162.944	1.3099	0.4673	2	2.06	1.86	45.2	0.01	HDPE
MH-718	MH-719	581.64	581.36	580.36	580.21	15.7	150	1.02	100	1.672	0.5834	1.1	1.13	1	45.2	0.01	HDPE
MH-720	MH-721	544.15	544.07	542.62	542.6	15.7	150	0.26	1,000.00	0.4807	0.105	1.4	1.38	1.32	31.7	0.011	HDPE
MH-724	MH-725	588.96	588.85	586.4	586.36	15.7	271	0.8	340.509	4.3872	1.4329	2.2	2.28	2.22	39	0.01	HDPE
MH-726	MH-727	588	588.05	586.56	586.52	15.8	400	0.8	475.092	9.5363	3.1325	1.1	1.04	1.13	39.1	0.011	HDPE
MH-728	MH-729	577.62	577.73	576.47	576.45	15.8	150	0.14	1,000.00	0.4807	0.0139	1.1	1	1.13	14.1	0.011	HDPE
MH-730	MH-731	589.27	589.36	587.78	587.76	15.8	150	0.23	1,000.00	0.4807	0.0757	1.4	1.34	1.44	40.8	0.011	HDPE
MH-734	MH-735	579.62	579.24	578.25	578.09	15.8	150	0.16	100	1.52	0.0016	1.1	1.22	1	2.4	0.011	HDPE
MH-738	MH-739	579.85	579.72	578.7	578.57	15.8	150	0.26	122.954	1.3708	0.0097	1	1	1	7.6	0.011	HDPE
MH-740	MH-741	577.58	577.32	576.33	576.17	15.9	150	0.54	100	1.52	0.0816	1.1	1.11	1	16.9	0.011	HDPE
MH-742	MH-743	571.41	571.01	570.02	569.86	15.9	150	0.42	100	1.52	0.0346	1.1	1.24	1	11	0.011	HDPE
MH-747	MH-746	582.17	582.35	580.69	580.68	16	150	0.16	1,000.00	0.4807	0.0204	1.4	1.32	1.52	15.4	0.011	HDPE
MH-750	MH-751	564.82	564.52	563.46	563.3	16	217	1.48	100	4.0691	3.801	1.1	1.15	1	78.2	0.011	HDPE
MH-752	MH-614	569.51	569.22	568.23	568.07	16	150	0.49	100	1.52	0.0581	1.1	1.13	1	14.2	0.011	HDPE
MH-753	MH-754	573.45	573.65	571.53	571.45	16	150	0.57	219.617	1.0257	0.2615	1.9	1.78	2.04	35.8	0.011	HDPE
MH-558	MH-307	574.21	573.91	572.92	572.76	16	150	0.82	100	1.52	0.353	1.1	1.13	1	35.5	0.011	HDPE
MH-755	MH-642	579.99	580.12	578.14	578.12	16	150	0.16	1,000.00	0.4807	0.0199	1.8	1.7	1.85	20.7	0.011	HDPE
MH-756	MH-757	567.4	567.3	566.25	566.15	16	150	0.21	170.757	1.1632	0.0072	1	1	1	5.5	0.011	HDPE
MH-227	MH-759	568.36	568.67	566.98	566.97	16.1	150	0.15	1,000.00	0.4807	0.0167	1.4	1.23	1.55	17.6	0.011	HDPE
MH-614	MH-541	569.22	569.13	566.9	566.89	16.1	150	0.34	1,000.00	0.4807	0.3131	2.1	2.17	2.09	48.2	0.011	HDPE
MH-760	MH-761	548.1	547.98	546.01	546	16.1	150	0.29	1,000.00	0.4807	0.1738	1.9	1.93	1.83	41.4	0.011	HDPE
MH-762	MH-763	570.97	570.85	569.8	569.68	16.1	175	0.93	136.43	2.1593	0.6757	1	1	1	41.1	0.01	HDPE
MH-592	MH-765	595.14	594.86	593.87	593.71	16.1	150	0.87	100	1.52	0.4334	1.1	1.12	1	39.5	0.011	HDPE
MH-766	MH-767	585.94	585.84	584.79	584.69	35.4	150	0.25	348.967	0.8137	0.0258	1	1	1	11.1	0.011	HDPE
MH-16	MH-649	580.33	580.28	578.83	578.68	16.1	150	0.8	108.226	1.4611	0.3491	1.4	1.36	1.46	38.5	0.011	HDPE
MH-768	MH-769	581.09	581.06	579.91	579.89	16.1	150	0.11	1,000.00	0.4807	0.0066	1	1.03	1.02	7.6	0.011	HDPE
MH-772	MH-773	586.4	586.31	585.25	585.16	16.2	150	0.47	195.475	1.0872	0.1145	1	1	1	24.1	0.011	HDPE

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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
MH-774	MH-25	570.71	571.03	569.56	569.54	16.2	150	0.11	1,000.00	0.4807	0.0067	1.2	1	1.34	9.5	0.011	HDPE
MH-775	MH-632	581.85	581.62	580.63	580.47	16.2	150	0.29	100	1.52	0.0113	1	1.07	1	6.4	0.011	HDPE
MH-776	MH-777	561.76	561.77	559.85	559.86	16.2	150	0.33	1,000.00	0.4807	0.2736	1.8	1.76	1.75	44.3	0.011	HDPE
MH-778	MH-779	567.17	567.13	565.52	565.51	16.2	150	0.24	1,000.00	0.4807	0.0855	1.5	1.49	1.47	28.5	0.011	HDPE
MH-626	MH-780	569.65	569.86	568.29	568.27	16.2	150	0.11	1,000.00	0.4807	0.0059	1.3	1.21	1.44	9.1	0.011	HDPE
MH-781	MH-782	596.16	596.05	595.01	594.9	16.2	150	0.42	152.286	1.2317	0.057	1	1	1	15.7	0.011	HDPE
MH-482	MH-783	598.46	598.14	597.15	596.99	16.2	150	0.85	100	1.52	0.3857	1.1	1.16	1	37.1	0.011	HDPE
MH-158	MH-784	582.36	582.05	581.06	580.9	16.2	150	0.96	100	1.672	0.4786	1.1	1.15	1	40.6	0.01	HDPE
MH-785	MH-657	582.03	582.02	580.86	580.84	16.2	150	0.28	1,000.00	0.4807	0.1349	1	1.02	1.03	38.4	0.011	HDPE
MH-787	MH-786	589.77	589.64	588.57	588.39	22.8	150	0.8	122.449	1.3736	0.412	1.1	1.05	1.11	54.7	0.011	HDPE
MH-788	MH-789	597.87	597.65	596.66	596.5	16.2	150	0.42	100	1.52	0.036	1	1.06	1	11.2	0.011	HDPE
MH-407	MH-342	585.66	585.66	584.51	584.5	16.3	150	0.27	1,000.00	0.4807	0.1289	1	1	1.01	35.8	0.011	HDPE
MH-790	MH-791	598.37	598.11	597.12	596.96	16.3	150	0.29	100	1.52	0.0107	1	1.09	1	6.2	0.011	HDPE
MH-792	MH-793	564.19	564.17	562.99	562.98	16.3	150	0.26	1,000.00	0.4807	0.1047	1	1.04	1.04	29	0.011	HDPE
MH-795	MH-794	581.65	581.44	580.45	580.29	16.3	150	0.53	100	1.52	0.0798	1	1.04	1	16.7	0.011	HDPE
MH-796	MH-797	579.98	579.82	578.08	578.07	16.4	150	0.23	1,000.00	0.4807	0.0729	1.7	1.75	1.61	21.5	0.011	HDPE
MH-798	MH-188	567.06	567.16	565.91	565.89	16.4	150	0.06	1,000.00	0.4807	0.0008	1.1	1	1.12	6	0.011	HDPE
MH-799	MH-800	582.87	582.56	581.57	581.41	16.4	150	0.63	100	1.52	0.1413	1.1	1.15	1	22.2	0.011	HDPE
MH-801	MH-802	568.48	568.78	566.96	566.94	16.4	150	0.15	1,000.00	0.4807	0.0188	1.5	1.38	1.69	12.9	0.011	HDPE
MH-803	MH-804	576.22	576.05	575.06	574.9	16.4	150	0.25	100	1.52	0.0071	1	1.01	1	5.1	0.011	HDPE
MH-805	MH-806	596.21	596	595.01	594.85	16.4	150	0.89	100	1.52	0.4704	1	1.05	1	41.3	0.011	HDPE
MH-807	MH-255	584.97	584.98	583.82	583.8	16.4	150	0.33	1,000.00	0.4807	0.2652	1	1	1.02	41.2	0.011	HDPE
MH-791	MH-788	598.11	597.87	596.89	596.72	16.4	150	0.39	100	1.52	0.0273	1	1.08	1	9.8	0.011	HDPE
MH-808	MH-809	587.61	587.48	586.46	586.33	16.4	150	0.7	125.602	1.3563	0.2644	1	1	1	31.4	0.011	HDPE
MH-811	MH-812	564.84	565.07	563.16	563.14	16.5	150	0.2	1,000.00	0.4807	0.0483	1.7	1.53	1.78	22.2	0.011	HDPE
MH-117	MH-813	561.67	561.73	559.59	559.69	13.6	150	0.8	128.67	1.34	0.4393	1.9	1.94	1.88	41.1	0.011	HDPE
MH-814	MH-454	584.73	584.98	583.03	583.02	16.5	150	0.17	1,000.00	0.4807	0.0261	1.7	1.55	1.81	12.9	0.011	HDPE
MH-816	MH-817	586	586	584.59	584.51	16.6	175	0.8	192.926	1.8158	0.6048	1.3	1.23	1.32	40.5	0.01	HDPE
MH-819	MH-820	564.71	565.03	563.56	563.73	16.6	150	0.83	100	1.52	0.3658	1.1	1	1.15	36.1	0.011	HDPE
MH-821	MH-160	564.37	564.72	562.05	562.03	16.6	150	0.18	1,000.00	0.4807	0.0319	2.4	2.17	2.54	40.2	0.011	HDPE
MH-822	MH-823	584.48	584.85	583.33	583.31	16.6	150	0.16	1,000.00	0.4807	0.0199	1.2	1	1.39	18.1	0.011	HDPE
MH-824	MH-825	565.72	565.4	563.05	563.03	16.6	150	0.26	1,000.00	0.4807	0.114	2.4	2.52	2.22	32.5	0.011	HDPE
MH-827	MH-826	553.35	553.29	552.18	552.14	16.6	150	0.37	456.255	0.7116	0.1497	1	1.03	1	28.7	0.011	HDPE
MH-828	MH-829	564.87	564.58	563.6	563.43	16.6	150	0.2	100	1.52	0.0028	1.1	1.12	1	3.3	0.011	HDPE
MH-830	MH-831	575.65	575.39	574.41	574.24	16.6	150	0.69	100	1.52	0.1932	1	1.09	1	26	0.011	HDPE
MH-832	MH-833	585.64	585.62	584.46	584.44	16.7	150	0.24	1,000.00	0.4807	0.0843	1	1.03	1.04	31.1	0.011	HDPE
MH-836	MH-837	572	572.03	570.81	570.8	16.7	150	0.2	1,000.00	0.4807	0.0453	1.1	1.04	1.08	22	0.011	HDPE
MH-647	MH-838	567.47	567.42	566.3	566.27	16.7	150	0.19	586.624	0.6276	0.0187	1	1.02	1	10.2	0.011	HDPE
MH-839	MH-840	568.82	569.01	566.73	566.71	16.7	150	0.23	1,000.00	0.4807	0.0741	2	1.95	2.15	33.7	0.011	HDPE
MH-841	MH-561	573.55	573.73	572.4	572.57	16.7	150	0.33	100	1.52	0.0166	1	1	1.02	7.7	0.011	HDPE
MH-842	MH-843	567.01	567.04	565.66	565.55	16.7	150	0.2	147.831	1.2502	0.0045	1.3	1.2	1.34	8.8	0.011	HDPE
MH-789	MH-844	597.65	597.46	596.48	596.31	16.7	150	0.45	100	1.52	0.0457	1	1.02	1	12.7	0.011	HDPE
MH-845	MH-714	544.85	544.75	543.7	543.6	16.7	150	0.28	167.989	1.1728	0.0169	1	1	1	8.4	0.011	HDPE
MH-846	MH-847	585.74	585.56	584.58	584.41	16.8	150	0.4	100	1.52	0.0302	1	1.01	1	10.3	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-848	MH-849	578.77	578.34	577.36	577.19	16.8	150	0.26	100	1.52	0.0076	1.1	1.26	1	5.2	0.011	HDPE
MH-850	MH-851	578.45	578.03	577.05	576.88	16.8	150	0.53	100	1.52	0.0777	1.1	1.25	1	16.5	0.011	HDPE
MH-852	MH-853	592.2	591.98	589.93	589.94	16.8	150	0.21	1,000.00	0.4807	0.0509	2	2.12	1.89	23.2	0.011	HDPE
MH-854	MH-855	572.7	572.34	571.35	571.19	16.9	150	0.7	100	1.52	0.2015	1.1	1.19	1	26.6	0.011	HDPE
MH-813	MH-776	561.73	561.76	559.69	559.85	16.9	150	0.8	108.959	1.4562	0.3538	1.8	1.88	1.76	40.9	0.011	HDPE
MH-856	MH-857	586.19	586.25	584.61	584.6	16.9	150	0.23	1,000.00	0.4807	0.0758	1.5	1.42	1.51	21.9	0.011	HDPE
MH-859	MH-858	579.33	579.47	578.18	578.17	16.9	150	0.13	1,000.00	0.4807	0.0093	1.1	1	1.16	12.4	0.011	HDPE
MH-809	MH-860	587.48	587.38	586.15	586.11	16.9	271	0.8	416.996	3.9645	1.8927	1	1.06	1	45.4	0.01	HDPE
MH-861	MH-862	586.06	586.11	584.37	584.35	16.9	150	0.33	1,000.00	0.4807	0.2723	1.6	1.54	1.61	53.2	0.011	HDPE
MH-863	MH-864	582.42	582.37	581.27	581.2	16.9	150	0.26	230.995	1.0001	0.0194	1	1	1.03	11.5	0.011	HDPE
MH-865	MH-866	579.24	579.15	578.09	578	16.9	150	0.28	171.022	1.1623	0.0171	1	1	1	9.6	0.011	HDPE
MH-867	MH-828	565.23	564.87	563.89	563.72	16.9	150	0.14	100	1.52	0.0009	1.1	1.19	1	1.9	0.011	HDPE
MH-868	MH-869	576.69	576.47	575.49	575.32	16.9	150	0.29	100	1.52	0.0103	1	1.05	1	6.1	0.011	HDPE
MH-870	MH-871	560.69	560.72	559.54	559.57	16.9	150	0.2	564.96	0.6395	0.0236	1	1	1	20.9	0.011	HDPE
MH-168	MH-599	576.48	576.15	575.18	575	16.9	150	0.77	100	1.52	0.2726	1.1	1.15	1	31	0.011	HDPE
MH-872	MH-549	561.78	561.76	559.88	559.9	16.9	150	0.27	1,000.00	0.4807	0.1189	1.7	1.75	1.71	42.7	0.011	HDPE
MH-873	MH-356	567.02	566.58	565.6	565.43	16.9	150	1.06	100	1.672	0.6971	1.1	1.27	1	49.7	0.01	HDPE
MH-875	MH-876	596.71	596.48	595.5	595.33	16.9	150	0.88	100	1.52	0.4504	1	1.06	1	40.3	0.011	HDPE
MH-701	MH-487	575.21	574.88	573.9	573.73	17	150	0.45	100	1.52	0.0438	1.1	1.16	1	12.4	0.011	HDPE
MH-877	MH-878	603.45	603.52	601.26	601.24	17	150	0.28	1,000.00	0.4807	0.1421	2.1	2.05	2.13	39.4	0.011	HDPE
MH-879	MH-880	598.45	598.23	597.25	597.08	17	150	1.01	100	1.52	0.7429	1	1.06	1	52.8	0.011	HDPE
MH-769	MH-881	581.06	580.98	579.89	579.83	17	150	0.21	247.098	0.967	0.0098	1	1.02	1	6.6	0.011	HDPE
MH-79	MH-516	571.29	570.99	570.01	569.84	17	150	0.69	100	1.52	0.1855	1.1	1.13	1	25.5	0.011	HDPE
MH-186	MH-882	591.05	590.77	589.6	589.62	17	150	0.25	1,000.00	0.4807	0.0977	1.1	1.29	1	36.7	0.011	HDPE
MH-883	MH-884	580.2	580.11	579.05	578.96	17	150	0.31	184.469	1.1191	0.0263	1	1	1	11.1	0.011	HDPE
MH-885	MH-886	567.64	567.48	566.49	566.33	17	150	0.48	104.349	1.488	0.0569	1	1	1	15.3	0.011	HDPE
MH-887	MH-888	583.33	582.92	581.95	581.77	17	150	0.62	100	1.52	0.1349	1.1	1.24	1	21.7	0.011	HDPE
MH-889	MH-890	574.97	574.5	573.52	573.35	17.1	150	0.32	100	1.52	0.0153	1.1	1.3	1	7.4	0.011	HDPE
MH-891	MH-892	575.47	575.41	574.32	574.26	17.1	150	0.34	306.639	0.868	0.0677	1	1	1	17.6	0.011	HDPE
MH-893	MH-343	577.21	576.98	576	575.83	17.1	150	0.46	100	1.52	0.0475	1	1.07	1	15.1	0.011	HDPE
MH-894	MH-895	576.11	576.09	574.96	574.94	17.1	150	0.22	667.435	0.5884	0.0394	1	1	1	14.9	0.011	HDPE
MH-896	MH-100	577.07	577.07	575.92	575.9	17.1	150	0.12	1,000.00	0.4807	0.0083	1	1	1.02	10.5	0.011	HDPE
MH-844	MH-897	597.46	597.24	596.26	596.09	17.1	150	0.48	100	1.52	0.0554	1	1.05	1	13.9	0.011	HDPE
MH-898	MH-899	564.2	564	562	561.98	17.1	150	0.31	1,000.00	0.4807	0.2144	2	2.05	1.87	37	0.011	HDPE
MH-551	MH-900	579.62	579.78	578.17	578.16	17.1	150	0.14	1,000.00	0.4807	0.0135	1.4	1.3	1.48	12.2	0.011	HDPE
MH-901	MH-902	599.58	599.3	598.32	598.15	17.1	150	0.95	100	1.52	0.5829	1.1	1.11	1	46.3	0.011	HDPE
MH-903	MH-904	568.34	568.24	567.19	567.09	17.1	150	0.31	168.163	1.1722	0.0246	1	1	1	9.9	0.011	HDPE
MH-905	MH-906	567.78	567.67	566.08	565.97	16.7	700	2.15	148.787	75.7853	28.2893	1	1	1	46.9	0.011	HDPE
MH-907	MH-793	564.48	564.17	563.19	563.02	17.1	150	0.47	100	1.52	0.0513	1.1	1.14	1	13.4	0.011	HDPE
MH-838	MH-171	567.42	567.37	565.84	565.82	17.2	150	0.19	1,000.00	0.4807	0.0371	1.4	1.43	1.4	16.6	0.011	HDPE
MH-388	MH-908	589.42	589.38	588.27	588.23	17.2	150	0.4	385.731	0.7739	0.1467	1	1	1	27.8	0.011	HDPE
MH-909	MH-261	568.65	568.99	567.12	567.11	13	150	0.16	1,000.00	0.4807	0.0221	1.6	1.38	1.73	15.9	0.011	HDPE
MH-910	MH-627	582.55	582.67	580.66	580.64	17.2	150	0.19	1,000.00	0.4807	0.0368	1.8	1.74	1.88	27.6	0.011	HDPE
MH-911	MH-912	579.01	578.82	577.77	577.6	17.2	217	1.39	100	4.476	2.0048	1	1.03	1	52.6	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-913	MH-914	579.44	579.23	577.61	577.54	17.2	217	0.8	254.573	2.8053	0.9265	1.5	1.61	1.47	39.3	0.01	HDPE
MH-829	MH-915	564.58	564.35	563.37	563.2	17.2	150	0.22	100	1.52	0.0048	1	1.06	1	4.2	0.011	HDPE
MH-916	MH-917	574.54	574.7	572.29	572.19	17.2	150	0.8	174.354	1.2663	0.5137	2.2	2.1	2.36	45.3	0.01	HDPE
MH-920	MH-921	584.12	584.64	582.97	583.15	17.2	150	0.61	100	1.52	0.1249	1.2	1	1.34	20.9	0.011	HDPE
MH-922	MH-923	594.54	594.4	591.52	591.49	17.2	400	0.8	748.998	7.595	6.4329	2.6	2.62	2.5	58	0.011	HDPE
MH-318	MH-390	567.48	567.13	565.85	565.77	17.2	175	0.8	211.471	1.7344	0.6876	1.3	1.45	1.19	46.5	0.01	HDPE
MH-924	MH-925	567.88	567.73	566.73	566.58	17.2	150	0.3	113.632	1.4259	0.0138	1	1	1	7.2	0.011	HDPE
MH-926	MH-927	568.47	568.81	566.94	566.92	17.2	150	0.15	1,000.00	0.4807	0.0179	1.6	1.38	1.74	23	0.011	HDPE
MH-779	MH-928	567.13	567.08	565.51	565.49	17.2	150	0.24	1,000.00	0.4807	0.0877	1.5	1.47	1.45	29.2	0.011	HDPE
MH-929	MH-530	569.28	569.36	567.46	567.44	17.3	150	0.32	1,000.00	0.4807	0.252	1.7	1.67	1.77	49.4	0.011	HDPE
MH-930	MH-931	582.28	581.88	580.91	580.73	17.3	150	0.64	100	1.52	0.1427	1.1	1.22	1	22.3	0.011	HDPE
MH-932	MH-933	573.27	573.54	572.12	572.3	17.3	150	0.55	100	1.52	0.0884	1	1	1.1	17.5	0.011	HDPE
MH-934	MH-935	590.53	589.91	588.99	588.76	22.7	150	0.46	100	1.52	0.0474	1.2	1.39	1	12.9	0.011	HDPE
MH-936	MH-937	585.91	585.83	584.76	584.68	17.3	150	0.8	231.15	1.0998	0.8016	1	1	1	61.1	0.01	HDPE
MH-938	MH-203	563.95	563.64	562.63	562.47	16.4	175	1.29	100	2.5221	1.5226	1.1	1.14	1	61.4	0.01	HDPE
MH-939	MH-940	580.87	580.75	579.72	579.6	17.3	150	0.22	148.023	1.2494	0.0071	1	1	1	6.4	0.011	HDPE
MH-941	MH-942	579.77	579.68	578.62	578.53	17.3	150	0.3	181.074	1.1296	0.0226	1	1	1	24.5	0.011	HDPE
MH-943	MH-944	589.01	589.04	587.86	587.85	17.1	150	0.22	1,000.00	0.4807	0.0568	1	1	1.04	19	0.011	HDPE
MH-945	MH-946	568.9	568.71	567.73	567.56	17.3	150	0.32	100	1.52	0.0147	1	1.01	1	7.3	0.011	HDPE
MH-904	MH-947	568.24	567.9	566.92	566.75	17.3	150	0.57	100	1.52	0.1005	1.1	1.17	1	18.7	0.011	HDPE
MH-948	MH-901	599.88	599.58	598.61	598.43	17.3	150	0.93	100	1.52	0.556	1.1	1.12	1	45.1	0.011	HDPE
MH-949	MH-950	585.32	585.2	584.17	584.05	17.3	150	0.36	151.975	1.233	0.0353	1	1	1	11.7	0.011	HDPE
MH-951	MH-948	600.16	599.88	598.9	598.73	17.4	150	0.92	100	1.52	0.5254	1.1	1.11	1	43.7	0.011	HDPE
MH-584	MH-952	569.89	570	568.74	568.85	17.4	150	0.47	160.095	1.2013	0.0927	1	1	1	26.7	0.011	HDPE
MH-953	MH-954	590.14	589.99	588.55	588.42	17.4	150	0.8	132.704	1.3195	0.4577	1.4	1.44	1.42	45	0.011	HDPE
MH-955	MH-637	568.29	568.63	567.14	567.12	17.4	150	0.13	1,000.00	0.4807	0.0114	1.2	1	1.36	12.4	0.011	HDPE
MH-956	MH-957	555.71	555.94	553.56	553.55	17.4	150	0.15	1,000.00	0.4807	0.0181	2.1	1.99	2.24	10.8	0.011	HDPE
MH-958	MH-541	569.44	569.13	568.15	567.98	17.4	150	0.53	100	1.52	0.0794	1.1	1.14	1	16.6	0.011	HDPE
MH-959	MH-960	578.25	578.22	577.1	577.07	17.4	150	0.22	456.168	0.7117	0.0248	1	1	1	14.5	0.011	HDPE
MH-961	MH-962	575.57	575.19	572.38	572.32	18.2	217	0.8	316.034	2.5178	1.2475	2.8	2.97	2.66	47.6	0.01	HDPE
MH-963	MH-964	585.71	585.61	584.5	584.46	17.4	150	0.35	468.744	0.7021	0.1182	1	1.06	1	24.7	0.011	HDPE
MH-965	MH-966	588.12	588	586.34	586.32	15.6	500	0.8	961.494	12.154	9.0777	1.2	1.28	1.17	57.6	0.011	HDPE
MH-311	MH-967	577.65	577.41	576.43	576.26	17.4	150	0.68	100	1.52	0.1833	1	1.07	1	25.3	0.011	HDPE
MH-968	MH-969	594.86	594.71	591.57	591.54	17.4	400	0.8	734.898	7.6675	6.1579	2.8	2.9	2.77	64.6	0.011	HDPE
MH-970	MH-971	555.44	555.53	553.65	553.59	17.4	217	0.8	300.343	2.5828	1.1588	1.7	1.58	1.73	45.3	0.01	HDPE
MH-972	MH-973	591.29	590.63	589.71	589.48	23.1	150	0.48	100	1.52	0.0544	1.2	1.43	1	13.8	0.011	HDPE
MH-974	MH-975	582.7	582.52	581.54	581.37	17.5	150	0.58	100	1.52	0.1049	1	1.01	1	19.1	0.011	HDPE
MH-880	MH-976	598.23	597.99	597.02	596.84	17.5	150	1.01	100	1.52	0.7567	1	1.06	1	53.3	0.011	HDPE
MH-977	MH-978	594.06	593.89	591.4	591.38	17.5	450	0.8	799.193	10.0658	6.783	2.1	2.21	2.07	60.8	0.011	HDPE
MH-979	MH-51	571.05	571.23	569.49	569.48	17.5	150	0.15	1,000.00	0.4807	0.0155	1.5	1.41	1.6	27.2	0.011	HDPE
MH-980	MH-981	583.23	583.56	581.89	581.88	17.5	150	0.31	1,000.00	0.4807	0.2083	1.4	1.19	1.53	47	0.011	HDPE
MH-982	MH-983	586.82	586.51	585.53	585.36	17.5	150	0.52	100	1.52	0.0713	1.1	1.13	1	15.8	0.011	HDPE
MH-984	MH-818	596.69	596.86	595.54	595.71	17.5	150	0.53	104.451	1.4873	0.0826	1	1	1	17.1	0.011	HDPE
MH-48	MH-87	569.3	569.27	567.07	566.93	17.4	150	0.55	127.71	1.345	0.1161	2.1	2.08	2.19	31.1	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-640	MH-308	580.08	579.78	578.81	578.63	17.6	150	0.4	100	1.52	0.0297	1.1	1.12	1	10.2	0.011	HDPE
MH-985	MH-986	579.41	579.59	577.42	577.44	17.6	150	0.25	1,000.00	0.4807	0.0902	1.9	1.83	2	29.4	0.011	HDPE
MH-200	MH-240	555.65	555.68	554.5	554.49	17.6	150	0.33	1,000.00	0.4807	0.2846	1	1	1.05	44.6	0.011	HDPE
MH-987	MH-988	583.58	583.88	582.43	582.41	17.6	150	0.26	1,000.00	0.4807	0.1161	1.2	1	1.32	48.7	0.011	HDPE
MH-989	MH-990	576.54	576.31	575.34	575.16	17.6	150	0.84	100	1.52	0.3792	1	1.05	1	40.4	0.011	HDPE
MH-991	MH-992	592.52	591.83	590.91	590.68	22.8	150	0.39	100	1.52	0.0271	1.2	1.46	1	9.8	0.011	HDPE
MH-993	MH-994	596.33	596.27	595.18	595.12	17.6	150	0.29	266.706	0.9308	0.0306	1	1	1	12.9	0.011	HDPE
MH-995	MH-993	596.37	596.33	595.22	595.18	17.6	150	0.19	509.038	0.6737	0.0172	1	1	1	11.6	0.011	HDPE
MH-777	MH-872	561.77	561.78	559.86	559.88	17.6	150	0.3	1,000.00	0.4807	0.1948	1.8	1.75	1.75	48.1	0.011	HDPE
MH-976	MH-998	597.99	597.77	596.8	596.62	17.6	150	1.02	100	1.52	0.7676	1	1.04	1	53.7	0.011	HDPE
MH-946	MH-1000	568.71	568.37	567.4	567.22	17.6	150	0.35	100	1.52	0.0183	1.1	1.16	1	8.1	0.011	HDPE
MH-1001	MH-1002	548.42	548.46	547.18	547.16	17.7	150	0.13	1,000.00	0.4807	0.0095	1.1	1.09	1.15	9.8	0.011	HDPE
MH-1003	MH-1004	569.77	569.92	568.33	568.32	17.7	150	0.14	1,000.00	0.4807	0.0135	1.4	1.29	1.45	10	0.011	HDPE
MH-851	MH-1005	578.03	577.61	576.64	576.46	17.7	150	0.54	100	1.52	0.0816	1.1	1.24	1	16.9	0.011	HDPE
MH-507	MH-1006	589.18	589.15	587.07	587.01	17.7	217	0.8	313.561	2.5277	1.2331	1.9	1.9	1.92	49.2	0.01	HDPE
MH-341	MH-971	555.55	555.53	553.74	553.63	17.7	175	0.87	157.026	2.0127	0.6374	1.7	1.63	1.73	40.6	0.01	HDPE
MH-1007	MH-1008	568.25	568.43	566.78	566.76	17.7	150	0.22	1,000.00	0.4807	0.0611	1.4	1.31	1.51	24.4	0.011	HDPE
MH-195	MH-548	555.54	555.6	554.37	554.35	17.9	150	0.3	1,000.00	0.4807	0.1843	1.1	1.02	1.1	45.9	0.011	HDPE
MH-1009	MH-1010	566.37	565.99	565.02	564.84	17.7	150	0.41	100	1.52	0.0328	1.1	1.2	1	10.7	0.011	HDPE
MH-1011	MH-1012	582.52	582.93	581.37	581.55	17.7	150	0.36	100	1.52	0.0219	1.1	1	1.23	8.8	0.011	HDPE
MH-449	MH-1013	573.7	573.42	572.45	572.27	17.3	150	0.88	100	1.52	0.4425	1.1	1.1	1	39.9	0.011	HDPE
MH-256	MH-614	568.88	569.22	566.92	566.9	17.8	150	0.18	1,000.00	0.4807	0.0308	2	1.81	2.17	47.9	0.011	HDPE
MH-1014	MH-1015	595.18	595.03	591.62	591.59	17.8	400	0.8	716.212	7.7669	5.8581	3.1	3.16	3.04	65	0.011	HDPE
MH-1016	MH-675	583.56	583.28	582.31	582.13	17.8	150	0.62	100	1.52	0.1322	1.1	1.1	1	28.1	0.011	HDPE
MH-1017	MH-350	589.2	589.42	587.86	587.93	17.8	150	0.43	264.581	0.9345	0.1175	1.3	1.19	1.35	23.2	0.011	HDPE
MH-1018	MH-1019	570.8	570.59	569.62	569.44	17.8	150	0.75	100	1.52	0.2506	1	1.04	1	29.7	0.011	HDPE
MH-1020	MH-1021	582.06	581.64	580.67	580.49	17.8	150	0.51	100	1.52	0.0655	1.1	1.24	1	15.1	0.011	HDPE
MH-1024	MH-639	580.34	580.22	579.19	579.07	17.9	150	0.32	154.179	1.2242	0.0234	1	1	1	10	0.011	HDPE
MH-1025	MH-1026	572.64	572.61	571.46	571.44	17.9	150	0.2	1,000.00	0.4807	0.0476	1	1.03	1.02	17.4	0.011	HDPE
MH-1027	MH-1028	567.33	567.24	566.11	566.02	17.9	217	1.13	195.642	3.2001	2.4969	1	1	1	66.7	0.01	HDPE
MH-783	MH-589	598.14	597.78	596.81	596.63	17.9	150	0.86	100	1.52	0.4078	1.1	1.18	1	38.3	0.011	HDPE
MH-1029	MH-815	574.11	574.37	572.96	573.14	17.9	150	0.28	100	1.52	0.0091	1	1	1.08	5.8	0.011	HDPE
MH-1030	MH-909	568.29	568.65	567.14	567.12	17.9	150	0.14	1,000.00	0.4807	0.0126	1.2	1	1.38	12.8	0.011	HDPE
MH-1031	MH-106	580	580	578.82	578.8	17.9	150	0.11	1,000.00	0.4807	0.0056	1	1.03	1.05	6.1	0.011	HDPE
MH-1032	MH-673	599.34	599.01	598.04	597.86	17.9	150	0.78	100	1.52	0.2919	1.1	1.15	1	32.2	0.011	HDPE
MH-1002	MH-1033	548.46	548.51	547.16	547.14	18	150	0.13	1,000.00	0.4807	0.0105	1.2	1.15	1.22	10.3	0.011	HDPE
MH-1034	MH-1035	594.67	594.96	593.49	593.67	18	175	1.38	100	2.5221	2.0696	1.1	1	1.12	73.3	0.01	HDPE
MH-1037	MH-667	595.7	595.54	594.55	594.39	18	150	0.53	109.125	1.4551	0.0855	1	1	1	17.5	0.011	HDPE
MH-782	MH-1038	596.05	595.89	594.9	594.74	18	150	0.49	112.5	1.4331	0.0657	1	1	1	16.8	0.011	HDPE
MH-1039	MH-977	594.22	594.06	591.42	591.4	18	450	0.8	793.025	10.1048	6.6907	2.3	2.35	2.21	60.2	0.011	HDPE
MH-1040	MH-947	567.97	567.9	566.82	566.75	18	150	0.31	237.228	0.9869	0.0358	1	1	1	12.4	0.011	HDPE
MH-1041	MH-1042	567.46	567.35	566.31	566.2	18	150	0.14	162.963	1.1907	0.0015	1	1	1	3.7	0.011	HDPE
MH-1042	MH-39	567.35	567.29	566.2	566.14	18	150	0.14	344.604	0.8188	0.0036	1	1	1	5.2	0.011	HDPE
MH-1043	MH-875	596.99	596.71	595.74	595.56	18	150	0.88	100	1.52	0.4425	1	1.1	1	39.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-853	MH-1044	591.98	591.61	589.94	589.96	18	150	0.2	1,000.00	0.4807	0.0413	1.7	1.89	1.5	20.9	0.011	HDPE
MH-1045	MH-21	579.02	578.73	577.76	577.58	18	150	1.16	100	1.672	0.9982	1.1	1.11	1	60.6	0.01	HDPE
MH-361	MH-1014	595.34	595.18	591.64	591.62	18	400	0.8	698.586	7.8642	5.5782	3.2	3.3	3.16	64.2	0.011	HDPE
MH-378	MH-282	588.79	588.64	587.64	587.49	18	150	0.35	122.97	1.3707	0.0244	1	1	1	10.8	0.011	HDPE
MH-1046	MH-1047	596.22	596.46	595.07	595.25	18	150	0.7	100	1.52	0.1978	1	1	1.06	35.4	0.011	HDPE
MH-1048	MH-907	564.8	564.48	563.51	563.33	18.1	150	0.4	100	1.52	0.0304	1.1	1.15	1	10.4	0.011	HDPE
MH-1049	MH-1050	586.52	586.54	583.89	583.91	18.1	600	0.9	1,000.00	19.3795	15.5903	2	2.03	2.02	67.1	0.011	HDPE
MH-1051	MH-567	567.3	567.24	566.15	566.09	18.1	150	0.13	282.219	0.9048	0.0027	1	1	1	4.7	0.011	HDPE
MH-1052	MH-1053	580	580.3	575.01	574.98	18.1	400	0.8	723.398	7.7282	5.9684	4.8	4.59	4.91	52.9	0.011	HDPE
MH-620	MH-1054	561.42	561.1	559.93	559.95	18.1	150	0.15	1,000.00	0.4807	0.0169	1.2	1.35	1	18.7	0.011	HDPE
MH-1055	MH-568	571.18	570.98	570.01	569.83	18.1	150	0.56	100	1.52	0.0933	1	1.02	1	18	0.011	HDPE
MH-1056	MH-1057	564.48	564.1	563.13	562.95	18.1	150	0.23	100	1.52	0.005	1.1	1.2	1	5.1	0.011	HDPE
MH-218	MH-1032	599.66	599.34	598.37	598.19	18.1	150	0.75	100	1.52	0.2505	1.1	1.15	1	29.7	0.011	HDPE
MH-1059	MH-1060	597.25	596.98	596.01	595.83	18.1	150	1.03	100	1.52	0.8032	1	1.09	1	55.1	0.011	HDPE
MH-1061	MH-1062	580.51	580.4	579.36	579.25	18.1	150	0.32	165.993	1.1798	0.027	1	1	1	11.3	0.011	HDPE
MH-1065	MH-1066	569.68	569.48	567.96	567.78	18.1	700	2.48	100	92.4417	28.0961	1	1.02	1	44.9	0.011	HDPE
MH-1067	MH-1068	593.06	592.37	591.45	591.22	22.8	150	0.49	100	1.52	0.0606	1.2	1.46	1	14.6	0.011	HDPE
MH-1069	MH-1070	547.25	547.3	545.93	545.92	18.1	150	0.11	1,000.00	0.4807	0.0057	1.2	1.17	1.23	16.7	0.011	HDPE
MH-725	MH-386	588.85	588.51	586.36	586.3	18.2	271	0.8	342.766	4.3727	1.445	2.1	2.22	1.94	40	0.01	HDPE
MH-1071	MH-1072	585.28	584.93	583.96	583.78	18.2	150	0.51	100	1.52	0.0669	1.1	1.16	1	15.3	0.011	HDPE
MH-392	MH-265	577.46	577.4	576.31	576.25	18.2	150	0.3	310.498	0.8626	0.0422	1	1	1	24.3	0.011	HDPE
MH-923	MH-1039	594.4	594.22	591.44	591.42	18.2	450	0.8	784.966	10.1566	6.5735	2.4	2.5	2.35	59.6	0.011	HDPE
MH-1075	MH-1076	567.61	567.69	566.45	566.44	18.2	150	0.11	1,000.00	0.4807	0.0057	1.1	1.01	1.1	6.7	0.011	HDPE
MH-1077	MH-1078	587.93	587.83	586.31	586.29	18.2	500	0.8	962.602	12.147	9.0928	1.1	1.12	1.03	49.3	0.011	HDPE
MH-1079	MH-1080	561.83	561.89	560.68	560.66	18.2	150	0.23	1,000.00	0.4807	0.0743	1	1	1.07	21.8	0.011	HDPE
MH-139	MH-408	589.59	589.49	588.44	588.34	18.2	150	0.42	184.161	1.1201	0.0712	1	1	1	20.1	0.011	HDPE
MH-1081	MH-926	568.11	568.47	566.96	566.94	18.2	150	0.13	1,000.00	0.4807	0.0094	1.2	1	1.38	13.8	0.011	HDPE
MH-1082	MH-1083	579.77	579.68	578.62	578.53	18.3	150	0.34	198.168	1.0798	0.0373	1	1	1	13.2	0.011	HDPE
MH-1084	MH-1085	570.35	570.03	569.07	568.88	18.3	150	0.7	100	1.52	0.2021	1.1	1.13	1	26.6	0.011	HDPE
MH-1086	MH-1087	581.18	580.79	579.8	579.62	18.3	175	1.21	100	2.2928	1.5515	1.1	1.21	1	63.8	0.011	HDPE
MH-646	MH-819	564.36	564.71	563.21	563.39	18.3	150	0.86	100	1.52	0.4084	1.1	1	1.17	38.3	0.011	HDPE
MH-1088	MH-167	576.9	576.68	575.72	575.53	18.3	150	0.76	100	1.52	0.2598	1	1.03	1	30.2	0.011	HDPE
MH-1089	MH-1090	567.76	568.04	566.61	566.59	18.3	150	0.18	1,000.00	0.4807	0.0288	1.2	1	1.3	16.3	0.011	HDPE
MH-1091	MH-801	568.13	568.48	566.98	566.96	18.3	150	0.13	1,000.00	0.4807	0.01	1.2	1	1.38	11.6	0.011	HDPE
MH-1092	MH-760	548.22	548.1	546.03	546.01	18.3	150	0.29	1,000.00	0.4807	0.1707	2	2.04	1.93	41	0.011	HDPE
MH-1093	MH-1094	566.46	566.67	565.31	565.5	18.3	150	0.32	100	1.52	0.015	1	1	1.02	8.3	0.011	HDPE
MH-1095	MH-1096	591.9	591.22	590.31	590.07	23.8	150	0.44	100	1.52	0.0419	1.2	1.45	1	12.1	0.011	HDPE
MH-1097	MH-1098	596.99	596.73	595.76	595.58	18.4	150	0.53	100	1.52	0.0772	1	1.07	1	16.4	0.011	HDPE
MH-1099	MH-1100	587.89	588.11	586.74	586.93	18.4	150	0.51	100	1.52	0.0668	1	1	1.04	15.3	0.011	HDPE
MH-1101	MH-1102	577.63	577.77	576.03	576.01	18.4	150	0.34	1,000.00	0.4807	0.3077	1.5	1.46	1.61	44.8	0.011	HDPE
MH-105	MH-113	580.25	579.76	578.79	578.61	18.4	150	1.13	100	1.672	0.8903	1.2	1.31	1	56.9	0.01	HDPE
MH-1008	MH-1103	568.43	568.62	566.76	566.75	18.4	150	0.22	1,000.00	0.4807	0.0665	1.6	1.51	1.73	25.6	0.011	HDPE
MH-1104	MH-1105	584.81	584.49	583.53	583.34	18.4	150	0.84	100	1.52	0.3739	1.1	1.14	1	36.5	0.011	HDPE
MH-719	MH-280	581.36	581.03	580.06	579.88	18.4	150	1.03	100	1.672	0.6144	1.1	1.14	1	46.5	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-746	MH-910	582.35	582.55	580.68	580.66	18.4	150	0.17	1,000.00	0.4807	0.0282	1.6	1.52	1.74	19.9	0.011	HDPE
MH-1106	MH-1107	585.59	585.56	584.44	584.41	18.4	150	0.17	705.149	0.5724	0.016	1	1	1	12.3	0.011	HDPE
MH-1108	MH-970	555.36	555.44	553.77	553.69	18.5	175	0.8	232.698	1.6534	0.7888	1.5	1.41	1.58	48	0.01	HDPE
MH-998	MH-1109	597.77	597.52	596.55	596.37	18.5	150	1.02	100	1.52	0.7758	1	1.07	1	54.1	0.011	HDPE
MH-1110	MH-231	580.01	579.98	578.86	578.83	18.5	150	0.23	575.85	0.6334	0.0363	1	1	1	62.2	0.011	HDPE
MH-1015	MH-968	595.03	594.86	591.59	591.57	18.5	400	0.8	727.116	7.7084	6.0308	3	3.04	2.9	65.1	0.011	HDPE
MH-900	MH-755	579.78	579.99	578.16	578.14	18.5	150	0.15	1,000.00	0.4807	0.0175	1.6	1.48	1.7	14.6	0.011	HDPE
MH-1111	MH-1112	583.52	583.46	582.37	582.31	18.6	150	0.34	330.395	0.8362	0.0706	1	1	1	21.6	0.011	HDPE
MH-134	MH-1113	572.45	572.12	570.75	570.73	18.5	150	0.26	1,000.00	0.4807	0.1119	1.4	1.56	1.25	27	0.011	HDPE
MH-1114	MH-572	578.46	578.28	577.31	577.13	18.5	150	0.5	105.079	1.4828	0.0679	1	1	1	21.4	0.011	HDPE
MH-1109	MH-1059	597.52	597.25	596.29	596.1	18.5	150	1.02	100	1.52	0.7861	1	1.08	1	54.5	0.011	HDPE
MH-1115	MH-1116	580.55	580.58	579.1	579.06	18.5	271	0.8	439.114	3.8633	2.0452	1.2	1.18	1.25	51.1	0.01	HDPE
MH-1117	MH-827	553.37	553.35	552.2	552.18	18.5	150	0.23	1,000.00	0.4807	0.0722	1	1.03	1.03	28.8	0.011	HDPE
MH-1076	MH-75	567.69	567.57	566.44	566.33	18.5	150	0.21	179.785	1.1336	0.0077	1.1	1.1	1.08	8.2	0.011	HDPE
MH-1118	MH-1119	588.88	588.8	587.73	587.65	18.6	150	0.21	232.41	0.9971	0.0092	1	1	1	9.7	0.011	HDPE
MH-1120	MH-1061	580.62	580.51	579.47	579.36	18.6	150	0.29	171.137	1.1619	0.0206	1	1	1	9.8	0.011	HDPE
MH-1121	MH-1122	582.12	581.93	580.96	580.78	18.6	150	0.25	100	1.52	0.0062	1	1.01	1	6.3	0.011	HDPE
MH-1123	MH-1124	544.87	544.98	543.72	543.83	18.6	150	0.27	169.142	1.1688	0.015	1	1	1	7.9	0.011	HDPE
MH-741	MH-1125	577.32	577	575	574.98	18.6	150	0.27	1,000.00	0.4807	0.1185	2	2.17	1.88	27.8	0.011	HDPE
MH-1126	MH-643	580.6	580.43	579.45	579.28	18.6	150	0.26	106.961	1.4697	0.0077	1	1	1	5.3	0.011	HDPE
MH-1127	MH-817	586	586	584.06	584.08	18.6	600	0.9	1,000.00	19.3795	15.3471	1.3	1.34	1.32	66.5	0.011	HDPE
MH-1128	MH-1129	586.98	587.08	585.35	585.33	18.6	150	0.24	1,000.00	0.4807	0.0813	1.5	1.48	1.59	40.6	0.011	HDPE
MH-1130	MH-1131	585.96	585.76	584.79	584.61	18.6	150	0.44	100	1.52	0.0423	1	1.01	1	13.1	0.011	HDPE
MH-1132	MH-45	554.64	554.88	553.38	553.3	18.6	217	0.8	254.772	2.8042	0.9195	1.2	1.04	1.36	39.3	0.01	HDPE
MH-1133	MH-1134	586.52	586.49	585.26	585.25	18.6	150	0.22	1,000.00	0.4807	0.0582	1.1	1.1	1.1	19.3	0.011	HDPE
MH-170	MH-150	583.66	583.27	582.31	582.12	18.6	150	0.84	100	1.52	0.3748	1.1	1.21	1	36.6	0.011	HDPE
MH-1135	MH-1136	566.37	566	565.01	564.83	18.6	175	1.17	100	2.5221	1.0068	1.1	1.18	1	48.9	0.01	HDPE
MH-1137	MH-842	566.83	567.01	565.68	565.66	18.6	150	0.08	1,000.00	0.4807	0.0024	1.1	1	1.2	4.6	0.011	HDPE
MH-1140	MH-1141	586.43	586.36	584.96	584.88	18.6	150	0.42	228.241	1.0061	0.0929	1.3	1.32	1.33	20.8	0.011	HDPE
MH-1143	MH-348	583.32	583.5	582.17	582.15	18.7	150	0.21	1,000.00	0.4807	0.055	1.1	1	1.2	18.8	0.011	HDPE
MH-1144	MH-1145	573.42	573.15	572.19	572	18.7	150	0.24	100	1.52	0.0055	1	1.08	1	8.2	0.011	HDPE
MH-1146	MH-1147	589.55	589.25	588.28	588.1	18.7	150	0.28	100	1.52	0.0093	1.1	1.12	1	5.8	0.011	HDPE
MH-1148	MH-1149	573.67	573.2	572.23	572.05	18.7	150	0.41	100	1.52	0.0322	1.1	1.29	1	10.6	0.011	HDPE
MH-1150	MH-1151	573.21	573.34	570.82	570.8	18.7	150	0.23	1,000.00	0.4807	0.0694	2.3	2.23	2.39	26.2	0.011	HDPE
MH-1152	MH-917	574.89	574.7	573.74	573.55	18.7	150	0.47	100	1.52	0.0501	1	1.01	1	13.3	0.011	HDPE
MH-1153	MH-1154	586.21	586.27	585.06	585.04	18.7	150	0.15	1,000.00	0.4807	0.0157	1	1	1.08	17.7	0.011	HDPE
MH-1155	MH-1156	565.23	564.87	563.87	563.7	17.7	175	1.23	103.854	2.4749	1.3149	1.1	1.19	1	56.9	0.01	HDPE
MH-1157	MH-850	578.9	578.45	577.48	577.3	18.7	150	0.52	100	1.52	0.0749	1.1	1.26	1	16.2	0.011	HDPE
MH-1158	MH-1159	583.58	583.43	582.38	582.19	18.7	150	0.8	101.457	1.5091	0.3255	1.1	1.05	1.08	37.7	0.011	HDPE
MH-1160	MH-1161	565.83	566.19	564.68	564.86	18.7	150	0.76	100	1.52	0.2704	1.1	1	1.17	30.9	0.011	HDPE
MH-359	MH-1162	565.28	565.13	564.13	563.98	18.7	150	0.43	126.22	1.353	0.0495	1	1	1	14.8	0.011	HDPE
MH-1145	MH-354	573.15	573.62	572	571.98	18.8	150	0.14	1,000.00	0.4807	0.0143	1.2	1	1.48	12.9	0.011	HDPE
MH-1163	MH-1164	573.09	573.37	571.52	571.5	18.8	150	0.16	1,000.00	0.4807	0.0195	1.6	1.42	1.72	18.9	0.011	HDPE
MH-1165	MH-1166	566.87	566.86	565.72	565.7	18.8	150	0.19	1,000.00	0.4807	0.0399	1	1	1.01	15.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1167	MH-306	574.16	574.05	573.01	572.88	18.8	150	0.85	138.507	1.4207	0.472	1	1	1.02	45.1	0.01	HDPE
MH-1168	MH-1169	586.05	586.17	584.9	584.88	18.8	150	0.19	1,000.00	0.4807	0.0348	1.1	1	1.14	32.5	0.011	HDPE
MH-876	MH-805	596.48	596.21	595.25	595.06	18.8	150	0.89	100	1.52	0.4602	1	1.08	1	40.8	0.011	HDPE
MH-1170	MH-1171	589.68	589.37	588.41	588.22	18.8	150	0.83	100	1.52	0.3644	1.1	1.12	1	36.1	0.011	HDPE
MH-1172	MH-58	564.57	564.21	563.25	563.06	18.8	150	0.22	100	1.52	0.0042	1.1	1.17	1	3.9	0.011	HDPE
MH-445	MH-915	564.64	564.35	563.39	563.2	18.9	150	0.49	100	1.52	0.0587	1.1	1.1	1	14.3	0.011	HDPE
MH-265	MH-1173	577.4	577.38	576.25	576.23	18.8	150	0.29	836.806	0.5255	0.1323	1	1	1	29.3	0.011	HDPE
MH-1156	MH-1174	564.87	564.52	563.51	563.34	19.8	175	1.2	115.725	2.3445	1.4227	1.1	1.18	1	60.4	0.01	HDPE
MH-1175	MH-1176	588.7	588.75	587.55	587.6	18.9	150	0.2	377.952	0.7819	0.0147	1	1	1	11.7	0.011	HDPE
MH-802	MH-541	568.78	569.13	566.94	566.89	18.9	150	0.25	351.353	0.8109	0.0273	1.9	1.69	2.09	27.6	0.011	HDPE
MH-1177	MH-627	583.15	582.67	581.06	580.95	18.9	175	0.8	179.455	1.8827	0.5493	1.7	1.92	1.54	38.1	0.01	HDPE
MH-969	MH-922	594.71	594.54	591.54	591.52	18.9	400	0.8	741.91	7.6312	6.2939	2.7	2.77	2.62	63	0.011	HDPE
MH-1098	MH-1178	596.73	596.48	595.52	595.33	18.9	150	0.55	100	1.52	0.0883	1	1.06	1	17.5	0.011	HDPE
MH-587	MH-1179	574.75	574.47	572.87	572.73	18.9	150	0.8	131.38	1.3261	0.4515	1.7	1.72	1.59	44.2	0.011	HDPE
MH-1180	MH-1181	570.93	570.48	569.52	569.33	19	150	0.5	100	1.52	0.0646	1.1	1.26	1	15	0.011	HDPE
MH-1182	MH-1183	547.73	547.78	546.5	546.49	19	150	0.12	1,000.00	0.4807	0.008	1.1	1.07	1.14	9.7	0.011	HDPE
MH-915	MH-59	564.35	564.09	563.13	562.94	19	150	0.52	100	1.52	0.0723	1	1.07	1	17.8	0.011	HDPE
MH-1184	MH-1185	575.19	574.89	573.93	573.74	19	150	0.59	100	1.52	0.1128	1.1	1.12	1	25.4	0.011	HDPE
MH-1186	MH-964	585.86	585.61	583.1	583.09	19	700	0.97	1,000.00	29.2326	20.1821	1.9	2.06	1.83	57.5	0.011	HDPE
MH-1038	MH-1037	595.89	595.7	594.74	594.55	19	150	0.52	100.071	1.5195	0.075	1	1	1	18	0.011	HDPE
MH-174	MH-16	580.32	580.33	579.17	578.98	19	150	0.8	100.115	1.5191	0.3198	1.1	1	1.2	33.7	0.011	HDPE
MH-1187	MH-1188	570.12	570.5	568.41	568.39	19	150	0.15	1,000.00	0.4807	0.0187	1.8	1.55	1.96	11	0.011	HDPE
MH-1189	MH-1190	580.49	580.84	578.17	578.15	19	150	0.22	1,000.00	0.4807	0.0579	2.4	2.17	2.54	35.3	0.011	HDPE
MH-754	MH-1191	573.65	573.92	571.45	571.27	19.1	150	0.8	104.948	1.4838	0.3357	2.3	2.04	2.5	34.7	0.011	HDPE
MH-670	MH-1192	569.29	569.19	568.14	567.97	19.1	150	0.56	114.271	1.4219	0.1086	1	1	1.07	21.3	0.011	HDPE
MH-1193	MH-1194	583.72	583.05	582.09	581.9	19.1	150	0.38	100	1.52	0.0249	1.2	1.48	1	9.4	0.011	HDPE
MH-1195	MH-879	598.7	598.45	597.49	597.3	19.1	150	0.97	100	1.52	0.6527	1	1.06	1	49.2	0.011	HDPE
MH-1196	MH-1089	567.86	567.76	566.71	566.61	19.1	150	0.3	192.306	1.0961	0.024	1	1	1	13.3	0.011	HDPE
MH-1198	MH-96	581.53	581.41	580.38	580.26	19.1	150	0.34	163.69	1.1881	0.0313	1	1	1	11.7	0.011	HDPE
MH-1199	MH-1200	581.32	581.3	579.92	579.9	19.2	150	0.17	1,000.00	0.4807	0.0257	1.3	1.25	1.25	16.2	0.011	HDPE
MH-1057	MH-1201	564.1	564	562.95	562.85	19.2	150	0.21	188.503	1.1071	0.0072	1	1	1	5.5	0.011	HDPE
MH-897	MH-1097	597.24	596.99	596.03	595.84	19.2	150	0.5	100	1.52	0.066	1	1.06	1	15.2	0.011	HDPE
MH-322	MH-1180	571.27	570.93	569.98	569.78	19.2	150	0.49	100	1.52	0.0578	1.1	1.14	1	14.2	0.011	HDPE
MH-425	MH-1202	579.94	579.67	578.42	578.24	19.2	150	0.8	110.978	1.4429	0.3613	1.3	1.37	1.28	36.4	0.011	HDPE
MH-1205	MH-1206	578.83	578.43	577.37	577.28	19.3	150	0.45	210.246	1.0483	0.1052	1.2	1.31	1	20.9	0.011	HDPE
MH-1207	MH-1208	581.65	581.44	580.48	580.29	19.3	150	0.46	100	1.52	0.0481	1	1.02	1	13	0.011	HDPE
MH-1209	MH-1210	555.68	555.97	554.53	554.51	19.3	150	0.14	1,000.00	0.4807	0.0121	1.2	1	1.3	15.6	0.011	HDPE
MH-491	MH-1211	586.77	586.14	585.18	584.99	19.3	150	0.76	100	1.52	0.2705	1.2	1.44	1	30.9	0.011	HDPE
MH-1201	MH-1212	564	564	562.1	562.08	19.3	800	1.12	1,000.00	41.7362	40.353	1.1	1.1	1.12	56.7	0.011	HDPE
MH-933	MH-1215	573.54	573.8	572.39	572.59	19.3	150	0.39	100	1.52	0.0289	1	1	1.06	10.1	0.011	HDPE
MH-1183	MH-1216	547.78	547.81	546.49	546.47	19.3	150	0.12	1,000.00	0.4807	0.0091	1.2	1.14	1.2	15.6	0.011	HDPE
MH-1217	MH-1218	575.75	575.52	573.44	573.33	35.2	217	0.8	339.231	2.4302	1.3915	2	2.09	1.97	51.1	0.01	HDPE
MH-1103	MH-839	568.62	568.82	566.75	566.73	19.4	150	0.23	1,000.00	0.4807	0.071	1.8	1.73	1.95	28.2	0.011	HDPE
MH-1220	MH-1219	553.18	553.12	552.03	551.97	19.4	150	0.43	336.427	0.8287	0.157	1	1	1	29.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1221	MH-1222	586.11	586.46	583.77	583.75	19.4	150	0.24	1,000.00	0.4807	0.0868	2.4	2.19	2.56	29.7	0.011	HDPE
MH-1223	MH-460	570	569.62	568.67	568.47	19.4	150	0.43	100	1.52	0.0379	1.1	1.19	1	11.5	0.011	HDPE
MH-1224	MH-1225	574.41	574.03	573.08	572.88	19.4	150	0.29	100	1.52	0.0102	1.1	1.19	1	6.1	0.011	HDPE
MH-1035	MH-1226	594.96	595.27	593.79	593.98	19.4	175	1.35	100	2.5221	1.844	1.1	1	1.11	68.5	0.01	HDPE
MH-1227	MH-1228	557.33	557.31	555.83	555.69	19.4	500	1.76	136.908	32.2092	11.3245	1.1	1	1.12	49.2	0.011	HDPE
MH-1229	MH-1230	591.16	591.17	589.54	589.52	19.4	150	0.32	1,000.00	0.4807	0.2331	1.5	1.47	1.5	39.9	0.011	HDPE
MH-390	MH-313	567.13	566.75	565.77	565.58	19.4	175	1.08	103.327	2.4812	0.7993	1.1	1.19	1	43.4	0.01	HDPE
MH-1231	MH-1005	577.95	577.61	576.66	576.46	19.4	150	0.59	100	1.52	0.1124	1.1	1.14	1	19.8	0.011	HDPE
MH-1232	MH-1131	585.76	585.76	584.61	584.59	19.5	150	0.13	1,000.00	0.4807	0.0094	1	1	1.02	17.9	0.011	HDPE
MH-1085	MH-1233	570.03	569.69	568.73	568.54	19.5	150	0.71	100	1.52	0.2059	1.1	1.15	1	26.9	0.011	HDPE
MH-1234	MH-1235	581.46	581.47	580.31	580.29	19.5	150	0.06	1,000.00	0.4807	0.001	1	1	1.03	4	0.011	HDPE
MH-1236	MH-1237	589.07	589	587.92	587.85	19.5	150	0.46	278.674	0.9105	0.1695	1	1	1	27.6	0.011	HDPE
MH-1238	MH-435	584.25	584.12	583.1	582.97	19.5	150	0.47	150.05	1.2409	0.0861	1	1	1	18.2	0.011	HDPE
MH-1239	MH-1240	544.63	544.75	543.48	543.6	19.5	150	0.28	167.596	1.1741	0.0167	1	1	1	10.6	0.011	HDPE
MH-1241	MH-1017	588.82	589.2	587.67	587.86	19.5	150	0.61	100	1.52	0.126	1.1	1	1.19	21	0.011	HDPE
MH-1242	MH-1243	569.48	569.44	568.33	568.29	19.5	150	0.31	528.274	0.6613	0.0939	1	1	1	22.7	0.011	HDPE
MH-1244	MH-1245	589.16	589.49	588.01	587.99	19.5	150	0.14	1,000.00	0.4807	0.0145	1.2	1	1.36	15.9	0.011	HDPE
MH-1246	MH-1247	574.55	574.16	572.99	573.01	19.5	150	0.14	1,000.00	0.4807	0.0125	1.2	1.41	1	13.2	0.011	HDPE
MH-1248	MH-1249	589.46	589.35	588.31	588.2	19.5	150	0.48	172.667	1.1568	0.1082	1	1	1	24	0.011	HDPE
MH-1250	MH-1251	568.71	568.47	567.51	567.32	19.6	150	0.83	100	1.52	0.3548	1	1.05	1	35.6	0.011	HDPE
MH-1252	MH-1253	569.79	569.58	568.62	568.43	19.6	150	0.49	100	1.52	0.0578	1	1.02	1	14.2	0.011	HDPE
MH-1254	MH-191	569.78	569.4	568.44	568.25	19.6	150	0.47	100	1.52	0.0502	1.1	1.19	1	13.3	0.011	HDPE
MH-1257	MH-1164	572.95	573.37	571.8	571.78	19.6	150	0.16	1,000.00	0.4807	0.022	1.2	1	1.44	11.9	0.011	HDPE
MH-1258	MH-1259	573.4	573.62	571.49	571.47	19.6	150	0.22	1,000.00	0.4807	0.06	1.9	1.76	2	26.4	0.011	HDPE
MH-1260	MH-1261	570.63	570.58	569.48	569.43	19.6	150	0.2	389.763	0.7699	0.0139	1	1	1	9.4	0.011	HDPE
MH-1263	MH-1262	547.64	547.56	546.49	546.41	19.6	150	0.51	227.64	1.0075	0.1803	1	1	1	36.2	0.011	HDPE
MH-1264	MH-1265	577.17	576.9	574.58	574.57	19.6	600	0.89	1,000.00	19.3795	14.6912	1.9	1.98	1.73	49.5	0.011	HDPE
MH-1266	MH-305	580.82	580.42	579.29	579.27	19.6	150	0.3	1,000.00	0.4807	0.1981	1.2	1.38	1	35.7	0.011	HDPE
MH-1267	MH-1208	581.51	581.44	580.36	580.25	19.6	150	0.48	172.806	1.1563	0.1052	1	1	1.04	20.4	0.011	HDPE
MH-1268	MH-1269	587.13	586.65	585.7	585.5	19.6	150	0.47	100	1.52	0.051	1.1	1.29	1	13.3	0.011	HDPE
MH-1272	MH-1273	573.02	572.67	571.72	571.52	19.7	150	0.34	100	1.52	0.0176	1.1	1.15	1	8	0.011	HDPE
MH-1274	MH-1275	570.69	570.84	569.54	569.52	19.7	150	0.08	1,000.00	0.4807	0.0024	1.1	1	1.18	7.6	0.011	HDPE
MH-1113	MH-1276	572.12	571.77	570.73	570.62	19.7	150	0.49	179.744	1.1338	0.1187	1.1	1.25	1	21.8	0.011	HDPE
MH-1243	MH-669	569.44	569.32	568.29	568.17	19.7	150	0.47	171.474	1.1608	0.1	1	1	1	22.7	0.011	HDPE
MH-1277	MH-1155	565.6	565.23	564.25	564.05	19.7	175	1.22	100	2.5221	1.2173	1.1	1.17	1	54.3	0.01	HDPE
MH-1278	MH-1279	576.72	576.56	575.57	575.41	19.7	150	0.52	119.032	1.3932	0.0892	1	1	1	18	0.011	HDPE
MH-1280	MH-1281	582.73	582.59	581.46	581.31	19.7	271	1.18	134.857	6.9713	1.7269	1	1	1	40.9	0.01	HDPE
MH-1282	MH-1283	550.32	550.47	549.17	549.15	19.7	150	0.24	1,000.00	0.4807	0.0885	1.1	1	1.17	29.9	0.011	HDPE
MH-1284	MH-1285	571.01	570.77	569.82	569.62	19.7	150	0.4	100	1.52	0.0302	1	1.04	1	10.3	0.011	HDPE
MH-83	MH-413	604.12	604.41	602.84	602.82	19.8	150	0.18	1,000.00	0.4807	0.0317	1.3	1.13	1.44	20.5	0.011	HDPE
MH-1226	MH-1286	595.27	595.58	594.12	594.32	19.8	150	1.14	100	1.52	1.3176	1.1	1.1	1.12	73.5	0.011	HDPE
MH-1287	MH-1288	588.56	588.43	587.41	587.28	19.8	150	0.27	161.332	1.1967	0.014	1	1	1	11.4	0.011	HDPE
MH-1289	MH-1290	587.41	587.24	585.46	585.44	19.8	150	0.23	1,000.00	0.4807	0.0768	1.7	1.79	1.65	28.3	0.011	HDPE
MH-1291	MH-1056	564.92	564.48	563.53	563.33	19.8	150	0.18	100	1.52	0.0021	1.1	1.24	1	2.8	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1292	MH-1293	588.92	589.01	586.4	586.32	20	217	0.8	259.353	2.7794	0.9497	2.4	2.31	2.47	39.9	0.01	HDPE
MH-1294	MH-1295	586.23	586.12	584.91	584.83	19.8	217	0.8	258.525	2.7838	0.9456	1.1	1.11	1.07	43.9	0.01	HDPE
MH-1296	MH-1297	574.03	574.14	572.47	572.38	19.8	175	0.8	214.948	1.7203	0.7029	1.5	1.38	1.58	45.3	0.01	HDPE
MH-357	MH-1298	566.27	565.69	564.67	564.48	19.8	217	1.47	100	4.0691	3.6608	1.2	1.38	1	76.3	0.011	HDPE
MH-1299	MH-1300	569.36	568.97	568.02	567.82	19.9	150	0.97	100	1.52	0.6531	1.1	1.19	1	49.2	0.011	HDPE
MH-1301	MH-1092	548.33	548.22	546.05	546.03	19.9	150	0.29	1,000.00	0.4807	0.1663	2.1	2.13	2.04	40.5	0.011	HDPE
MH-1302	MH-29	582.14	581.86	580.99	580.71	29.8	150	0.25	106.995	1.4695	0.0071	1	1	1	5.1	0.011	HDPE
MH-1303	MH-742	571.19	571.41	570.04	570.02	19.9	150	0.16	776.18	0.5456	0.0171	1.1	1	1.24	11.9	0.011	HDPE
MH-1305	MH-1306	578.08	577.82	576.87	576.67	19.9	150	0.57	100	1.52	0.0964	1	1.06	1	18.3	0.011	HDPE
MH-1288	MH-1307	588.43	588.43	587.28	587.26	19.9	150	0.17	1,000.00	0.4807	0.0247	1	1	1.01	16.7	0.011	HDPE
MH-1308	MH-1309	589.76	589.75	588.61	588.59	20	150	0.21	1,000.00	0.4807	0.056	1	1	1.01	21.7	0.011	HDPE
MH-1310	MH-1311	586.21	586.54	585.06	585.3	24.1	150	0.8	100	1.52	0.3168	1	1	1.09	33.6	0.011	HDPE
MH-1312	MH-1313	587.72	587.51	586.56	586.36	20	150	1.01	100	1.672	0.5743	1	1.01	1	44.8	0.01	HDPE
MH-1314	MH-1315	567.95	567.86	566.8	566.71	20	150	0.84	220.464	1.1261	0.9372	1	1	1	68.3	0.01	HDPE
MH-28	MH-1316	573.38	572.81	571.86	571.66	20	150	0.38	100	1.52	0.0252	1.2	1.37	1	9.4	0.011	HDPE
MH-1161	MH-536	566.19	566.57	565.04	565.24	20	150	0.74	100	1.52	0.2445	1.1	1	1.19	29.3	0.011	HDPE
MH-1317	MH-1318	578.72	579.02	575.12	575.1	20	400	0.8	706.156	7.822	5.6971	3.4	3.19	3.52	62.6	0.011	HDPE
MH-1319	MH-1320	549.1	549.13	547.79	547.77	20	150	0.14	1,000.00	0.4807	0.0141	1.2	1.17	1.21	10.1	0.011	HDPE
MH-1321	MH-496	570.81	570.55	569.44	569.4	19.2	150	0.35	563.82	0.6401	0.156	1.1	1.22	1	29.3	0.011	HDPE
MH-242	MH-118	571.94	571.59	570.64	570.44	20.1	150	0.67	100	1.52	0.1733	1.1	1.15	1	24.6	0.011	HDPE
MH-1322	MH-1323	563.06	562.68	561.7	561.5	20.1	175	1.31	100	2.5221	1.605	1.1	1.18	1	63.3	0.01	HDPE
MH-1324	MH-1325	565.27	565.05	563.51	563.45	20.1	271	0.81	330.35	4.4541	1.4197	1.4	1.49	1.34	38.3	0.01	HDPE
MH-1326	MH-1086	581.62	581.18	580.24	580.03	20.1	150	1.15	100	1.52	1.3689	1.1	1.23	1	75.2	0.011	HDPE
MH-1327	MH-1217	576.15	575.75	573.5	573.44	20.1	217	0.8	333.225	2.452	1.3534	2.3	2.43	2.09	52.9	0.01	HDPE
MH-1328	MH-1329	584.82	585.26	583	583.03	20.1	700	0.97	1,000.00	29.2326	20.5223	1.3	1.12	1.53	47.7	0.011	HDPE
MH-1330	MH-66	568.11	568.5	566.96	566.94	20.1	150	0.13	1,000.00	0.4807	0.0098	1.2	1	1.41	22.9	0.011	HDPE
MH-1331	MH-1332	589.45	589.32	587.8	587.78	20.1	150	0.22	1,000.00	0.4807	0.0665	1.4	1.5	1.39	20.6	0.011	HDPE
MH-313	MH-1135	566.75	566.37	565.39	565.19	20.1	175	1.13	100	2.5221	0.9067	1.1	1.19	1	46.3	0.01	HDPE
MH-1333	MH-1334	576.6	576.85	575.45	575.65	20.1	150	0.65	100	1.52	0.1514	1	1	1.05	23	0.011	HDPE
MH-1335	MH-1336	568.97	568.52	567.51	567.31	20.1	217	1.16	100	4.476	1.0235	1.1	1.25	1	36.8	0.01	HDPE
MH-1337	MH-1338	573.17	572.86	571.91	571.71	20.1	150	0.49	100	1.52	0.0581	1.1	1.12	1	14.2	0.011	HDPE
MH-1339	MH-1340	589.72	589.1	588.2	587.95	25.2	150	0.42	100	1.52	0.0366	1.2	1.37	1	11.3	0.011	HDPE
MH-1341	MH-1342	592.09	591.99	587.92	587.98	20.2	217	0.8	331.103	2.4599	1.3404	3.9	3.95	3.79	52.3	0.01	HDPE
MH-820	MH-1343	565.03	565.42	563.88	564.08	20.2	150	0.81	100	1.52	0.3345	1.1	1	1.19	34.5	0.011	HDPE
MH-1344	MH-1345	577.35	576.79	575.84	575.64	20.2	150	0.53	100	1.52	0.0777	1.2	1.36	1	16.5	0.011	HDPE
MH-1346	MH-1347	583.35	583.14	581.51	581.34	20.2	150	0.6	120.42	1.3852	0.1479	1.7	1.69	1.65	25.4	0.011	HDPE
MH-884	MH-1110	580.11	580.01	578.96	578.86	20.2	150	0.32	201.71	1.0703	0.0315	1	1	1	31.6	0.011	HDPE
MH-1348	MH-1349	549.43	549.2	548.03	548.01	20.2	150	0.2	1,000.00	0.4807	0.0458	1.2	1.25	1.05	17.1	0.011	HDPE
MH-1350	MH-1169	586.19	586.17	585.03	584.88	20.3	150	0.5	138.112	1.2934	0.0909	1.1	1.02	1.14	28.7	0.011	HDPE
MH-1351	MH-1352	586.16	586.2	584.93	584.91	17.3	150	0.18	1,000.00	0.4807	0.034	1.1	1.08	1.14	14.7	0.011	HDPE
MH-857	MH-1353	586.25	586.28	584.07	583.92	20.3	150	0.8	134.525	1.3105	0.4666	2.1	2.04	2.21	42.6	0.011	HDPE
MH-1354	MH-349	589.11	589.41	587.96	587.94	20.3	150	0.25	1,000.00	0.4807	0.1007	1.2	1	1.32	31	0.011	HDPE
MH-1355	MH-1356	555.64	555.89	553.18	553.16	20.3	150	0.33	1,000.00	0.4807	0.2847	2.4	2.3	2.58	43.2	0.011	HDPE
MH-1357	MH-1358	581.2	581.11	580.05	579.96	20.3	150	0.42	222.613	1.0188	0.0931	1	1	1	19.8	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1359	MH-1360	570.05	570.2	568.9	568.88	20.3	150	0.09	1,000.00	0.4807	0.0026	1.1	1	1.17	8.6	0.011	HDPE
MH-1361	MH-1362	586.66	586.3	585.33	585.13	20.3	175	1.23	100	2.5221	1.2466	1.1	1.15	1	55	0.01	HDPE
MH-1363	MH-1364	568.37	567.96	567.01	566.81	20.3	150	0.7	100	1.52	0.1989	1.1	1.2	1	26.4	0.011	HDPE
MH-1365	MH-1366	589.12	589.04	587.87	587.89	20.3	150	0.32	1,000.00	0.4807	0.2347	1	1.09	1	49.9	0.011	HDPE
MH-1053	MH-1367	580.3	580.01	574.78	574.76	20.3	600	0.87	1,000.00	19.3795	12.9666	4.8	4.91	4.64	62.1	0.011	HDPE
MH-1368	MH-988	584.03	583.88	582.88	582.73	20.3	150	0.57	135.901	1.3039	0.1474	1	1	1	23.5	0.011	HDPE
MH-1369	MH-49	585.42	585.73	584.27	584.47	20.4	150	0.65	100	1.52	0.153	1.1	1	1.11	23.1	0.011	HDPE
MH-1370	MH-1371	571.79	571.42	570.47	570.27	20.4	150	0.29	100	1.52	0.0112	1.1	1.17	1	6.4	0.011	HDPE
MH-1307	MH-64	588.43	588.53	587.26	587.24	20.4	150	0.19	1,000.00	0.4807	0.035	1.1	1.01	1.14	15.9	0.011	HDPE
MH-1374	MH-1375	579.33	579.65	575.07	575.04	20.4	400	0.8	716.663	7.7644	5.8429	4	3.86	4.21	61.9	0.011	HDPE
MH-1376	MH-691	588.68	588.54	586.86	586.75	20.4	150	0.8	174.01	1.2675	0.5124	1.7	1.67	1.64	45.3	0.01	HDPE
MH-1377	MH-1378	578.22	577.7	576.76	576.55	20.4	150	0.37	100	1.52	0.0227	1.2	1.31	1	9	0.011	HDPE
MH-65	MH-1379	588.58	588.61	587.2	587.08	14.9	150	0.8	131.524	1.3254	0.4522	1.3	1.23	1.38	41.8	0.011	HDPE
MH-994	MH-781	596.27	596.16	595.12	595.01	20.4	150	0.37	181.447	1.1284	0.0457	1	1	1	14.4	0.011	HDPE
MH-1380	MH-1381	580.45	580.38	579.3	579.23	20.4	150	0.52	287.941	0.8958	0.2653	1	1	1	41.8	0.011	HDPE
MH-1382	MH-1009	566.51	566.37	565.36	565.22	20.4	150	0.23	149.303	1.244	0.0076	1	1	1	5.5	0.011	HDPE
MH-488	MH-1383	574.61	574.21	573.27	573.06	20.4	150	0.51	100	1.52	0.0676	1.1	1.19	1	15.3	0.011	HDPE
MH-1384	MH-1385	580.64	580.24	579.29	579.09	20.4	150	0.39	100	1.52	0.0271	1.1	1.2	1	9.8	0.011	HDPE
MH-1386	MH-1387	573.49	573.11	572.17	571.96	20.4	150	1.12	100	1.672	0.8543	1.1	1.17	1	55.6	0.01	HDPE
MH-1388	MH-1389	569.69	569.92	567	566.98	20.4	150	0.21	1,000.00	0.4807	0.0506	2.7	2.54	2.79	22.1	0.011	HDPE
MH-1047	MH-984	596.46	596.69	595.31	595.52	20.5	150	0.64	100	1.52	0.1481	1	1	1.03	22.7	0.011	HDPE
MH-636	MH-267	579.08	578.62	577.67	577.47	20.5	150	1.05	100	1.52	0.863	1.1	1.25	1	57.4	0.011	HDPE
MH-1281	MH-1390	582.59	582.43	581.31	581.16	20.5	271	1.2	129.534	7.1131	1.7433	1	1	1	41.1	0.01	HDPE
MH-1393	MH-1394	579.02	578.82	577.87	577.67	20.5	150	0.43	106.353	1.4739	0.0418	1	1	1	13.8	0.011	HDPE
MH-1395	MH-1396	580.33	580.12	579.18	578.97	20.5	150	0.32	100	1.52	0.0154	1	1.01	1	8.9	0.011	HDPE
MH-1398	MH-1397	548.16	548.05	547.01	546.9	20.5	150	0.18	184.753	1.1183	0.0047	1	1	1	6.6	0.011	HDPE
MH-1399	MH-1400	586.82	586.78	584.41	584.43	19.2	150	0.23	1,000.00	0.4807	0.0766	2.2	2.26	2.2	41.7	0.011	HDPE
MH-1401	MH-1402	575.95	575.82	574.8	574.67	20.6	150	0.33	152.849	1.2295	0.0253	1	1	1	11.3	0.011	HDPE
MH-1403	MH-370	547.34	547.44	545.94	545.92	20.6	150	0.14	1,000.00	0.4807	0.014	1.3	1.25	1.37	23.8	0.011	HDPE
MH-1404	MH-1405	588.96	588.73	587.7	587.56	20.6	150	0.59	143.619	1.2684	0.1729	1.1	1.1	1.03	30.4	0.011	HDPE
MH-1406	MH-1334	577.2	576.85	575.91	575.7	20.6	150	0.6	100	1.52	0.116	1.1	1.14	1	20.1	0.011	HDPE
MH-1407	MH-726	588	588	586.6	586.56	20.6	400	0.8	464.952	9.6397	3.0496	1	1	1.04	38.6	0.011	HDPE
MH-761	MH-1408	547.98	547.85	546	545.98	20.6	150	0.3	1,000.00	0.4807	0.1773	1.8	1.83	1.73	41.8	0.011	HDPE
MH-1409	MH-1410	589.35	589.3	587.01	586.96	20.6	271	0.8	478.067	3.7026	2.3431	2.1	2.07	2.07	59.1	0.01	HDPE
MH-1411	MH-1405	588.73	588.73	587.58	587.56	20.6	150	0.2	1,000.00	0.4807	0.0444	1	1	1.03	29	0.011	HDPE
MH-1412	MH-1413	587.82	587.75	586.59	586.48	20.6	175	0.82	197.955	1.7926	0.6986	1.1	1.05	1.09	43.9	0.01	HDPE
MH-1414	MH-1415	584.07	583.7	582.76	582.55	20.7	150	0.65	100	1.52	0.1584	1.1	1.16	1	23.5	0.011	HDPE
MH-1416	MH-1417	579.44	579.01	577.99	577.86	13.6	150	0.56	100	1.52	0.0929	1.1	1.3	1	18	0.011	HDPE
MH-1418	MH-1419	574.39	574.16	573.22	573.01	20.7	150	0.28	100	1.52	0.0096	1	1.02	1	5.9	0.011	HDPE
MH-697	MH-944	589.08	589.04	587.07	587.02	26	400	0.8	520.67	10.0202	2.7465	1.6	1.61	1.62	36	0.01	HDPE
MH-1420	MH-1421	565.61	565.74	564.46	564.59	20.7	150	0.56	168.026	1.1726	0.178	1	1	1	26.5	0.011	HDPE
MH-877	MH-1422	603.45	603.37	602.2	602.22	20.7	150	0.2	1,000.00	0.4807	0.0423	1.1	1.11	1	16.4	0.011	HDPE
MH-182	MH-1423	577.04	576.58	575.63	575.43	20.7	150	0.41	100	1.52	0.0318	1.1	1.25	1	10.6	0.011	HDPE
MH-1424	MH-1425	576	575.67	572.49	572.47	20.7	600	0.89	1,000.00	19.3795	15.1399	2.8	2.91	2.6	50.4	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1426	MH-1427	565.34	565.09	563.27	563.2	20.7	217	0.8	279.287	2.6783	1.0455	1.8	1.85	1.67	42.4	0.01	HDPE
MH-1343	MH-1160	565.42	565.83	564.27	564.48	20.8	150	0.79	100	1.52	0.3046	1.1	1	1.2	32.9	0.011	HDPE
MH-1428	MH-1429	583.59	583.98	582.44	582.64	20.8	150	0.33	100	1.52	0.0167	1.1	1	1.19	7.7	0.011	HDPE
MH-1430	MH-437	576.81	576.95	574.44	574.32	20.8	150	0.8	170.148	1.2818	0.4973	2.3	2.22	2.48	46.5	0.01	HDPE
MH-1431	MH-56	584.64	584.51	583.49	583.36	20.8	150	0.53	170.046	1.1656	0.1452	1	1	1	28.2	0.011	HDPE
MH-1432	MH-1433	586.84	587.07	585.69	585.9	20.8	150	0.49	100	1.52	0.0585	1	1	1.02	14.3	0.011	HDPE
MH-1434	MH-629	574.53	574.19	573.24	573.04	20.8	150	0.39	100	1.52	0.0274	1.1	1.13	1	9.8	0.011	HDPE
MH-164	MH-1437	582.89	583.12	581.13	581.1	20.9	600	0.87	1,000.00	19.3795	13.5671	1.3	1.16	1.42	47.6	0.011	HDPE
MH-1438	MH-1108	555.27	555.36	553.86	553.77	20.8	175	0.8	227.953	1.6705	0.7666	1.3	1.24	1.41	47.6	0.01	HDPE
MH-1439	MH-1440	571.38	571.32	570.18	570.16	20.8	150	0.24	1,000.00	0.4807	0.0804	1	1.04	1.01	22.7	0.011	HDPE
MH-1441	MH-1167	574.55	574.16	573.22	573.01	20.9	150	0.56	100	1.52	0.0919	1.1	1.17	1	32.1	0.011	HDPE
MH-1443	MH-1442	575.1	575.15	573.95	573.93	20.9	150	0.19	1,000.00	0.4807	0.0345	1	1	1.07	15.1	0.011	HDPE
MH-1240	MH-1123	544.75	544.87	543.6	543.72	20.9	150	0.28	169.741	1.1667	0.016	1	1	1	8.1	0.011	HDPE
MH-780	MH-1444	569.86	570.14	568.27	568.25	20.9	150	0.13	1,000.00	0.4807	0.0115	1.6	1.44	1.74	12	0.011	HDPE
MH-1445	MH-1446	588.67	588.7	586.75	586.65	20.9	175	0.8	226.549	1.6757	0.7592	1.8	1.75	1.87	46.8	0.01	HDPE
MH-1447	MH-987	583.69	583.58	582.54	582.43	21	150	0.44	181.069	1.1296	0.0836	1	1	1	31.3	0.011	HDPE
MH-1448	MH-1046	595.97	596.22	594.82	595.03	21	150	1.1	100	1.52	1.0974	1	1	1.04	65.8	0.011	HDPE
MH-1449	MH-1450	568.46	568.15	567.21	567	21	150	0.28	100	1.52	0.009	1	1.1	1	5.7	0.011	HDPE
MH-107	MH-1451	580	579.15	576.68	576.7	21	150	0.12	1,000.00	0.4807	0.0091	2.7	3.16	2.29	10.1	0.011	HDPE
MH-588	MH-47	568.75	569.16	567.1	567.08	21	150	0.17	1,000.00	0.4807	0.0245	1.7	1.5	1.93	17.2	0.011	HDPE
MH-1452	MH-1382	566.65	566.51	565.5	565.36	21	150	0.19	148.46	1.2475	0.0041	1	1	1	4.8	0.011	HDPE
MH-1453	MH-1372	566.19	566.05	565.04	564.9	21	150	0.2	151.196	1.2362	0.0052	1	1	1	4.6	0.011	HDPE
MH-1454	MH-1420	565.6	565.61	562.46	562.35	21	175	0.8	185.313	1.8527	0.5751	3	2.96	3.09	44.5	0.01	HDPE
MH-1455	MH-1300	569.24	568.97	568.03	567.82	21	150	0.6	100	1.52	0.1164	1	1.05	1	20.1	0.011	HDPE
MH-1456	MH-1457	586.32	586.33	584.62	584.6	21	150	0.34	1,000.00	0.4807	0.2902	1.6	1.55	1.58	48.1	0.011	HDPE
MH-1318	MH-1374	579.02	579.33	575.1	575.07	21	400	0.8	710.734	7.7967	5.7694	3.7	3.52	3.86	62.5	0.011	HDPE
MH-1458	MH-1459	574.98	574.69	573.76	573.54	21	150	0.89	100	1.52	0.4586	1	1.08	1	40.7	0.011	HDPE
MH-355	MH-1142	573.58	572.96	571.97	571.81	21.1	150	0.43	132.344	1.3213	0.052	1.2	1.46	1	15.1	0.011	HDPE
MH-1375	MH-1052	579.65	580	575.04	575.01	21.1	400	0.8	719.94	7.7467	5.9124	4.4	4.21	4.59	60.1	0.011	HDPE
MH-1460	MH-1461	568.62	568.86	567.1	567.08	21.1	150	0.14	1,000.00	0.4807	0.0122	1.5	1.37	1.64	13.9	0.011	HDPE
MH-1462	MH-1463	588.65	588.65	586.6	586.49	21.1	175	0.8	197.314	1.7955	0.6235	1.9	1.88	1.98	43.4	0.01	HDPE
MH-1464	MH-1465	582	582.56	580.85	581.02	16.6	150	0.2	100	1.52	0.0031	1.2	1	1.39	4.1	0.011	HDPE
MH-1466	MH-942	579.79	579.68	578.57	578.46	21.1	217	1.08	185.655	3.285	1.9001	1	1	1	57.7	0.01	HDPE
MH-1467	MH-1468	566.24	566.19	565.09	565.04	21.2	150	0.19	402.541	0.7576	0.0124	1	1	1	7.9	0.011	HDPE
MH-1469	MH-931	582.05	581.88	580.9	580.73	21.2	150	0.2	123.239	1.3692	0.004	1	1	1	4	0.011	HDPE
MH-1470	MH-1471	547.49	547.39	546.38	546.32	21.2	150	0.44	403.577	0.7741	0.2322	0.9	0.96	0.91	34.3	0.011	HDPE
MH-928	MH-1472	567.08	567.02	565.49	565.47	21.2	150	0.25	1,000.00	0.4807	0.0925	1.4	1.45	1.41	30.4	0.011	HDPE
MH-509	MH-1473	556.06	556	554.47	554.35	21.7	150	0.8	176.645	1.258	0.5231	1.5	1.44	1.5	45.9	0.01	HDPE
MH-1474	MH-1475	568.95	568.59	567.66	567.44	21.2	150	0.97	100	1.52	0.6531	1.1	1.14	1	49.2	0.011	HDPE
MH-1178	MH-570	596.48	596.18	595.24	595.03	21.2	150	0.57	100	1.52	0.099	1	1.09	1	25.4	0.011	HDPE
MH-1476	MH-807	585.38	584.97	584.03	583.82	21.2	150	0.75	100	1.52	0.2541	1.1	1.19	1	40.9	0.011	HDPE
MH-1477	MH-597	567.83	567.79	566.61	566.51	21.3	150	0.43	209.981	1.049	0.0895	1.1	1.06	1.13	19.9	0.011	HDPE
MH-1478	MH-1479	587.01	586.7	585.64	585.43	21.3	271	1.37	100	8.0956	2.0341	1	1.1	1	39.1	0.01	HDPE
MH-1480	MH-1299	569.6	569.36	568.42	568.21	21.3	150	0.58	100	1.52	0.1075	1	1.03	1	19.4	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1481	MH-985	579.21	579.41	577.4	577.42	21.3	150	0.25	1,000.00	0.4807	0.0938	1.7	1.66	1.83	30.3	0.011	HDPE
MH-1482	MH-768	581.08	581.09	579.93	579.91	21.3	150	0.08	1,000.00	0.4807	0.0024	1	1	1.03	6.6	0.011	HDPE
MH-1483	MH-1484	583.49	583.31	581.46	581.33	21.3	150	0.59	157.821	1.2099	0.1994	1.9	1.88	1.83	38.7	0.011	HDPE
MH-1485	MH-1486	568.37	568.16	567.22	567.01	29.5	150	0.43	147.324	1.2523	0.0574	1	1	1	14.8	0.011	HDPE
MH-1487	MH-1177	583.72	583.15	581.59	581.47	21.3	150	0.8	171.73	1.2759	0.5034	1.8	1.98	1.53	44.8	0.01	HDPE
MH-1488	MH-1489	572.25	572.02	571.09	570.87	21.3	150	0.62	100	1.52	0.1325	1	1.01	1	23.7	0.011	HDPE
MH-1490	MH-1346	583.55	583.35	581.63	581.51	21.3	150	0.51	167.091	1.1759	0.1271	1.7	1.77	1.69	23.7	0.011	HDPE
MH-1491	MH-1483	583.67	583.49	581.62	581.46	21.3	150	0.59	134.194	1.3122	0.1616	1.9	1.9	1.88	27.2	0.011	HDPE
MH-1492	MH-1493	545	544.89	543.85	543.74	21.3	150	0.13	195.29	1.0877	0.0017	1	1	1	3.3	0.011	HDPE
MH-1484	MH-1494	583.31	583	581.33	581.31	21.4	150	0.32	1,000.00	0.4807	0.2528	1.7	1.83	1.55	40.6	0.011	HDPE
MH-1162	MH-1495	565.13	565.04	563.98	563.89	21.4	150	0.35	230.283	1.0017	0.0528	1	1	1	15	0.011	HDPE
MH-1496	MH-1497	585.73	585.6	584.58	584.45	21.4	150	0.27	167.418	1.1748	0.0148	1	1	1	7.7	0.011	HDPE
MH-1500	MH-1501	553.97	553.75	552.81	552.6	21.4	150	0.76	100	1.52	0.2602	1	1.01	1	45	0.011	HDPE
MH-1502	MH-503	583.1	582.61	581.67	581.46	21.4	150	0.87	100	1.52	0.4353	1.1	1.28	1	39.6	0.011	HDPE
MH-663	MH-1009	566.83	566.37	565.43	565.22	21.4	150	0.36	100	1.52	0.0215	1.1	1.25	1	8.7	0.011	HDPE
MH-1136	MH-1277	566	565.6	564.64	564.42	21.4	175	1.2	100	2.5221	1.1102	1.1	1.19	1	51.6	0.01	HDPE
MH-1503	MH-1504	589.1	589.12	587.89	587.87	21.4	150	0.22	1,000.00	0.4807	0.0594	1.1	1.06	1.1	32.4	0.011	HDPE
MH-1505	MH-1506	547.11	546.93	545.66	545.48	21.4	150	0.8	120.625	1.384	0.4029	1.3	1.31	1.3	41.5	0.011	HDPE
MH-1507	MH-1411	588.82	588.73	587.67	587.58	21.5	150	0.29	225.966	1.0112	0.0282	1	1	1	17.6	0.011	HDPE
MH-1147	MH-1508	589.25	588.96	588.03	587.81	21.5	150	0.38	100	1.52	0.0248	1	1.07	1	11.6	0.011	HDPE
MH-668	MH-796	580.07	579.98	578.11	578.08	21.5	150	0.23	1,000.00	0.4807	0.0701	1.8	1.81	1.75	25.7	0.011	HDPE
MH-1509	MH-1510	590.95	590.61	589.67	589.46	21.5	150	0.31	100	1.52	0.0132	1.1	1.13	1	6.9	0.011	HDPE
MH-1434	MH-1513	574.53	575.07	573.38	573.59	21.5	150	0.36	100	1.52	0.0207	1.2	1	1.33	8.6	0.011	HDPE
MH-944	MH-563	589.04	589.07	587.02	586.99	16.9	400	0.8	536.474	9.8715	2.8571	1.7	1.62	1.68	37.2	0.01	HDPE
MH-1514	MH-1515	580.89	580.42	579.48	579.27	21.1	150	0.62	100	1.52	0.1336	1.1	1.25	1	21.6	0.011	HDPE
MH-1516	MH-1517	585.98	585.84	584.58	584.43	21.5	400	1.34	141.068	17.5006	4.1053	1	1	1	41.8	0.011	HDPE
MH-1518	MH-1519	580.89	580.67	579.74	579.52	21.5	150	0.53	100	1.52	0.0768	1	1	1	25.3	0.011	HDPE
MH-1520	MH-1521	588.95	588.82	587.8	587.67	21.5	150	0.27	160.051	1.2015	0.0136	1	1	1	9.5	0.011	HDPE
MH-1522	MH-1523	571.78	571.6	570.1	570.08	21.5	150	0.32	1,000.00	0.4807	0.234	1.5	1.53	1.37	39	0.011	HDPE
MH-1524	MH-1326	581.93	581.62	580.68	580.47	21.5	150	1.06	100	1.52	0.9025	1	1.1	1	58.8	0.011	HDPE
MH-1525	MH-1473	555.71	556	553.06	552.98	21.5	217	0.8	260.695	2.7722	0.9564	2.6	2.43	2.81	40.1	0.01	HDPE
MH-1526	MH-1527	580.01	580	578.86	578.72	21.6	150	0.3	156.033	1.2169	0.0194	1.1	1	1.13	15	0.011	HDPE
MH-1528	MH-843	566.72	567.04	565.57	565.55	21.6	150	0.08	1,000.00	0.4807	0.0022	1.2	1	1.34	9.1	0.011	HDPE
MH-1530	MH-1531	577.47	577.51	576.32	576.3	21.6	150	0.26	1,000.00	0.4807	0.1068	1	1	1.06	28.3	0.011	HDPE
MH-1532	MH-892	575.7	575.41	574.48	574.26	21.6	150	0.82	100	1.52	0.3479	1	1.07	1	35.2	0.011	HDPE
MH-1533	MH-476	573.18	573.58	572.03	572.01	21.6	150	0.13	1,000.00	0.4807	0.0103	1.2	1	1.42	26.2	0.011	HDPE
MH-1534	MH-1535	577.09	576.69	575.76	575.54	21.6	150	0.27	100	1.52	0.0085	1.1	1.18	1	5.6	0.011	HDPE
MH-1537	MH-1536	548.17	547.86	546.93	546.71	21.6	150	0.68	100	1.52	0.1783	1	1.1	1	27.1	0.011	HDPE
MH-1538	MH-1203	589.79	589.61	588.64	588.46	21.6	150	0.8	119.559	1.3901	0.3978	1	1	1.01	41.7	0.011	HDPE
MH-1539	MH-1540	578.6	578.54	577.45	577.39	21.6	150	0.28	341.583	0.8224	0.0398	1	1	1	16.2	0.011	HDPE
MH-638	MH-566	568.93	569.36	567.1	567.08	21.7	150	0.18	1,000.00	0.4807	0.0292	1.9	1.68	2.13	25	0.011	HDPE
MH-1541	MH-1542	565.91	566.07	564.76	564.92	21.7	150	0.37	137.962	1.2941	0.0332	1	1	1	16.3	0.011	HDPE
MH-1543	MH-1544	572.19	571.7	570.76	570.55	21.7	150	0.72	100	1.52	0.2179	1.1	1.28	1	27.7	0.011	HDPE
MH-927	MH-23	568.81	569.24	566.92	566.91	16.2	150	0.17	1,000.00	0.4807	0.0253	2	1.74	2.18	33.3	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-454	MH-1545	584.98	584.98	581.18	581.12	21.7	271	0.8	338.966	4.3972	1.4247	3.6	3.53	3.59	39	0.01	HDPE
MH-1215	MH-1029	573.8	574.11	572.65	572.87	21.7	150	0.35	100	1.52	0.019	1	1	1.09	8.2	0.011	HDPE
MH-1546	MH-1547	589.27	589.23	587.25	587.16	21.7	217	0.8	241.454	2.8805	0.8571	1.8	1.8	1.85	41.9	0.01	HDPE
MH-472	MH-1548	567.03	566.85	565.88	565.68	21.7	150	0.49	107.865	1.4636	0.065	1	1	1.02	17	0.011	HDPE
MH-767	MH-1549	585.84	585.83	584.66	584.68	21.7	150	0.18	1,000.00	0.4807	0.0286	1	1.03	1	13.5	0.011	HDPE
MH-1550	MH-1449	568.78	568.46	567.53	567.31	21.8	150	0.24	100	1.52	0.0052	1	1.1	1	4.4	0.011	HDPE
MH-1551	MH-778	567.27	567.17	565.76	565.74	21.8	150	0.23	1,000.00	0.4807	0.0738	1.3	1.36	1.27	21.7	0.011	HDPE
MH-9	MH-1552	574.89	574.78	573.73	573.63	21.8	150	0.41	212.006	1.0439	0.0814	1	1	1	19	0.011	HDPE
MH-1553	MH-410	579.23	578.69	577.76	577.54	21.8	150	0.27	100	1.52	0.0081	1.2	1.32	1	10.5	0.011	HDPE
MH-1139	MH-945	569.16	568.9	567.96	567.75	21.8	150	0.19	100	1.52	0.0026	1	1.05	1	3.1	0.011	HDPE
MH-255	MH-453	584.98	585	581.34	581.28	21.8	217	0.8	333.975	2.4493	1.3582	3.5	3.42	3.5	52.8	0.01	HDPE
MH-1421	MH-1541	565.74	565.91	564.59	564.76	21.8	150	0.55	122.967	1.3707	0.1091	1	1	1	24	0.011	HDPE
MH-1554	MH-1555	589.5	589.45	588.32	588.29	21.8	150	0.31	680.475	0.5827	0.1289	1	1.03	1.01	48.8	0.011	HDPE
MH-1379	MH-1556	588.61	588.66	587.06	586.88	22.3	175	0.9	126.04	2.2465	0.5363	1.5	1.38	1.61	41.2	0.01	HDPE
MH-1557	MH-1558	544.3	544.39	542.72	542.7	21.8	150	0.17	1,000.00	0.4807	0.0263	1.5	1.43	1.54	20.4	0.011	HDPE
MH-1347	MH-1559	583.14	582.93	581.34	581.19	21.8	150	0.58	147.78	1.2504	0.1663	1.6	1.65	1.59	34.6	0.011	HDPE
MH-576	MH-1560	589.39	589.57	586.91	586.87	17.9	400	0.8	485.234	9.4361	3.2212	2.2	2.08	2.3	40.4	0.011	HDPE
MH-1561	MH-1562	586.21	586.27	584.95	584.87	21.9	150	0.32	286.539	0.898	0.0502	1.2	1.11	1.25	25.2	0.011	HDPE
MH-1563	MH-1564	572.81	572.91	570.68	570.66	21.9	150	0.29	1,000.00	0.4807	0.1687	2	1.98	2.11	33	0.011	HDPE
MH-1565	MH-1566	588.35	588.12	586.38	586.28	21.9	175	0.8	220.586	1.6982	0.7292	1.7	1.79	1.66	45.6	0.01	HDPE
MH-1567	MH-1319	549.04	549.1	547.81	547.79	21.9	150	0.14	1,000.00	0.4807	0.0133	1.1	1.08	1.17	11.5	0.011	HDPE
MH-34	MH-929	569.02	569.28	567.48	567.46	21.9	150	0.32	1,000.00	0.4807	0.2263	1.5	1.39	1.67	49.2	0.011	HDPE
MH-674	MH-323	555.71	555.78	554.12	554	21.9	175	0.8	191.527	1.8224	0.5992	1.5	1.41	1.6	41.7	0.01	HDPE
MH-1568	MH-706	584.71	584.54	583.56	583.39	21.9	150	0.43	127.502	1.3461	0.0521	1	1	1	15.3	0.011	HDPE
MH-1569	MH-1570	585.58	584.79	583.86	583.64	21.9	150	0.25	100	1.52	0.0062	1.3	1.57	1	4.7	0.011	HDPE
MH-1571	MH-1572	574.82	574.35	573.42	573.2	21.9	150	0.7	100	1.52	0.2011	1.1	1.26	1	26.6	0.011	HDPE
MH-1573	MH-1574	589.31	589.24	587.32	587.27	21.9	271	0.8	490.178	3.6566	2.445	1.7	1.72	1.7	59.2	0.01	HDPE
MH-1575	MH-62	589.59	589.56	587.55	587.5	21.9	271	0.8	428.465	3.911	1.9698	1.8	1.78	1.8	50.1	0.01	HDPE
MH-1576	MH-396	577.2	577.26	575.87	575.85	21.8	150	0.18	1,000.00	0.4807	0.03	1.2	1.18	1.27	13.8	0.011	HDPE
MH-1577	MH-1578	564.97	564.57	563.64	563.42	22	150	0.38	100	1.52	0.027	1.1	1.18	1	9.8	0.011	HDPE
MH-1579	MH-1580	565.32	565.32	564.04	564.01	22	150	0.25	1,000.00	0.4807	0.095	1.1	1.13	1.16	41.8	0.011	HDPE
MH-1581	MH-1013	573.74	573.42	572.49	572.27	22	150	1.08	100	1.52	0.9944	1	1.09	1	62.2	0.011	HDPE
MH-1582	MH-1583	589.2	589.12	587.81	587.79	22	150	0.33	1,000.00	0.4807	0.2561	1.2	1.24	1.18	43.8	0.011	HDPE
MH-1584	MH-1585	572.07	571.86	570.89	570.71	22	150	0.92	122.367	1.5115	0.534	1	1.03	1	48	0.01	HDPE
MH-1235	MH-1586	581.47	581.35	580.29	580.2	22	150	0.16	240.122	0.9809	0.0044	1	1.03	1	4.4	0.011	HDPE
MH-1587	MH-1588	576.02	575.73	574.8	574.58	22	150	0.77	100	1.52	0.2771	1	1.07	1	31.3	0.011	HDPE
MH-1593	MH-1446	588.92	588.7	587.77	587.55	22	150	0.44	101.056	1.5121	0.0415	1	1	1	12.1	0.011	HDPE
MH-1594	MH-1595	573.32	572.91	571.98	571.76	22.1	150	0.4	100	1.52	0.0292	1.1	1.19	1	10.1	0.011	HDPE
MH-1596	MH-1597	566.4	565.98	565.05	564.83	22.1	150	0.25	100	1.52	0.0064	1.1	1.2	1	14	0.011	HDPE
MH-1598	MH-1599	576.84	576.42	575.49	575.27	22.1	150	0.28	100	1.52	0.0098	1.1	1.2	1	6	0.011	HDPE
MH-365	MH-109	576.51	576.36	575.36	575.21	22.1	150	0.35	149.222	1.2443	0.0324	1	1	1	12	0.011	HDPE
MH-866	MH-1393	579.15	579.02	578	577.87	22.1	150	0.33	169.716	1.1668	0.0297	1	1	1	11.9	0.011	HDPE
MH-1262	MH-1470	547.56	547.49	546.41	546.38	22.5	150	0.35	750	0.5678	0.2309	1	1	0.96	40.8	0.011	HDPE
MH-1446	MH-678	588.7	588.78	586.61	586.52	22.1	217	0.8	240.288	2.8875	0.8508	2	1.87	2.04	38.4	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-233	MH-1601	582.06	582.05	580.91	580.89	22.1	150	0.16	1,000.00	0.4807	0.0212	1	1	1.01	22	0.011	HDPE
MH-1602	MH-1001	548.35	548.42	547.2	547.18	22.1	150	0.12	1,000.00	0.4807	0.0084	1	1	1.09	9.3	0.011	HDPE
MH-1603	MH-1604	571.47	571.22	569.67	569.61	22.1	700	1.56	400	47.2864	35.9697	1	1.1	0.91	60.9	0.011	HDPE
MH-1556	MH-1445	588.66	588.67	586.88	586.75	27.2	175	0.8	202.13	1.774	0.6454	1.7	1.61	1.75	45.1	0.01	HDPE
MH-1605	MH-1413	587.5	587.75	586.05	586.26	22.2	400	1.56	108.055	19.996	5.0324	1.1	1.04	1.09	43	0.011	HDPE
MH-1606	MH-1567	548.98	549.04	547.83	547.81	22.2	150	0.14	1,000.00	0.4807	0.0126	1	1	1.08	11.2	0.011	HDPE
MH-269	MH-1607	568.42	568.01	566.56	566.43	22.2	150	0.8	175.637	1.2616	0.519	1.6	1.72	1.43	49.8	0.01	HDPE
MH-2	MH-65	588.6	588.58	587.38	587.2	22	150	0.8	119.283	1.3918	0.3965	1.1	1.06	1.23	42.4	0.011	HDPE
MH-1608	MH-720	544.22	544.15	542.64	542.62	22.2	150	0.26	1,000.00	0.4807	0.1042	1.4	1.43	1.38	31.4	0.011	HDPE
MH-1552	MH-1459	574.78	574.69	573.63	573.43	22.2	150	0.54	108.977	1.4561	0.0922	1.1	1	1.12	34.3	0.011	HDPE
MH-1609	MH-1610	571.78	571.59	570.63	570.44	22.3	150	0.45	112.585	1.4325	0.0519	1	1	1	13.6	0.011	HDPE
MH-1611	MH-821	564	564.37	562.07	562.05	22.3	150	0.17	1,000.00	0.4807	0.0283	2	1.78	2.17	28.3	0.011	HDPE
MH-1371	MH-1284	571.42	571.01	570.09	569.86	22.3	150	0.36	100	1.52	0.0203	1.1	1.18	1	8.5	0.011	HDPE
MH-1612	MH-874	571.31	571.19	570.16	570.04	22.3	150	0.24	192.578	1.0953	0.012	1	1	1	12	0.011	HDPE
MH-1613	MH-1490	583.77	583.55	581.8	581.63	22.3	150	0.52	134.32	1.3115	0.1041	1.8	1.82	1.77	21.7	0.011	HDPE
MH-1614	MH-146	555.93	555.87	554.78	554.72	22.3	150	0.24	388.233	0.7714	0.0258	1	1	1	14.3	0.011	HDPE
MH-1615	MH-1616	580.5	580.35	579.35	579.2	22.3	150	0.28	149.897	1.2415	0.0148	1	1	1	8.8	0.011	HDPE
MH-1617	MH-230	580.29	580.16	579.14	578.94	22.3	150	0.43	108.521	1.4591	0.0411	1	1	1.07	40.6	0.011	HDPE
MH-1060	MH-1618	596.98	596.64	595.72	595.49	22.3	150	1.03	100	1.52	0.8241	1.1	1.12	1	55.9	0.011	HDPE
MH-1619	MH-1620	586.55	586.27	585.35	585.12	22.3	150	0.26	100	1.52	0.0074	1	1.05	1	9	0.011	HDPE
MH-1621	MH-1622	589.42	589.4	588.01	587.81	22.3	150	0.8	113.148	1.429	0.3698	1.3	1.26	1.44	36.9	0.011	HDPE
MH-1623	MH-1624	567.65	567.63	566.5	566.48	22.3	150	0.08	811.917	0.5335	0.0014	1	1	1	5	0.011	HDPE
MH-1625	MH-628	570.1	569.83	568.19	568.17	22.4	150	0.24	1,000.00	0.4807	0.0806	1.6	1.77	1.52	28.1	0.011	HDPE
MH-1626	MH-1627	571.77	571.96	570.16	570.13	22.4	150	0.25	1,000.00	0.4807	0.0998	1.6	1.46	1.67	41.4	0.011	HDPE
MH-1628	MH-1629	568.87	568.63	567.71	567.48	22.4	150	0.43	100	1.52	0.0384	1	1.01	1	11.6	0.011	HDPE
MH-307	MH-1386	573.91	573.49	572.57	572.34	22.4	150	1.11	100	1.672	0.8366	1.1	1.19	1	54.9	0.01	HDPE
MH-1630	MH-1631	571.02	570.78	569.85	569.63	22.5	150	0.29	100	1.52	0.0111	1	1.02	1	6.3	0.011	HDPE
MH-1632	MH-1633	577.28	576.89	574.23	574.21	22.5	150	0.27	1,000.00	0.4807	0.1305	2.7	2.89	2.52	36.5	0.011	HDPE
MH-1345	MH-1213	576.79	576.09	575.11	574.94	22.5	150	0.57	128.102	1.343	0.131	1.3	1.52	1	22	0.011	HDPE
MH-85	MH-889	575.52	574.97	574.04	573.82	22.5	150	0.28	100	1.52	0.0095	1.2	1.33	1	5.9	0.011	HDPE
MH-1634	MH-1635	585.75	585.5	584.57	584.35	22.5	150	0.54	100	1.52	0.0832	1	1.03	1	17	0.011	HDPE
MH-1636	MH-1637	575.22	574.91	573.99	573.76	22.5	150	0.37	100	1.52	0.0239	1	1.09	1	9.2	0.011	HDPE
MH-1638	MH-1639	586.5	586.78	585	585.28	34.7	500	1.74	120.64	34.3122	9.1851	1	1	1	39.4	0.011	HDPE
MH-1640	MH-1430	577.04	576.81	575.89	575.66	22.5	150	0.49	100	1.52	0.0599	1	1	1	14.5	0.011	HDPE
MH-1641	MH-1369	585.1	585.42	583.95	584.17	22.5	150	0.66	100	1.52	0.1609	1	1	1.09	31.7	0.011	HDPE
MH-1643	MH-1644	567.72	567.46	566.54	566.31	22.6	150	0.45	100	1.52	0.0438	1	1.03	1	12.4	0.011	HDPE
MH-1645	MH-1646	577.25	577.12	576.1	575.97	22.6	150	0.55	176.816	1.1431	0.1739	1	1	1	27.4	0.011	HDPE
MH-1647	MH-1648	587.44	587.34	586.29	586.19	22.6	150	0.5	219.444	1.0261	0.159	1	1	1	25.9	0.011	HDPE
MH-1649	MH-1650	586.3	586.05	585.13	584.9	22.6	150	0.26	100	1.52	0.0071	1	1.03	1	5.1	0.011	HDPE
MH-1651	MH-672	578.68	579.16	577.53	577.51	22.6	150	0.08	1,000.00	0.4807	0.0018	1.2	1	1.5	5.8	0.011	HDPE
MH-1652	MH-1653	566.38	566.09	565.14	564.91	22.7	175	1.09	100	2.5221	0.7767	1	1.06	1	42.6	0.01	HDPE
MH-1624	MH-1075	567.63	567.61	566.48	566.45	22.7	150	0.1	1,000.00	0.4807	0.0038	1	1	1.01	6.9	0.011	HDPE
MH-1654	MH-1655	571.73	571.45	570.52	570.3	22.7	150	0.55	100	1.52	0.0896	1	1.06	1	17.7	0.011	HDPE
MH-954	MH-393	589.99	589.86	588.42	588.29	22.7	150	0.8	168.167	1.2894	0.4912	1.4	1.42	1.42	46.6	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-757	MH-663	567.3	566.83	565.75	565.68	23.1	150	0.21	323.559	0.845	0.0142	1.2	1.4	1	8.2	0.011	HDPE
MH-1713	MH-1583	589.18	589.12	588.03	587.97	23.1	150	0.32	386.08	0.7736	0.0712	1	1	1	18.6	0.011	HDPE
MH-1285	MH-1714	570.77	570.5	569.59	569.35	23.1	150	0.42	100	1.52	0.0355	1	1.04	1	11.2	0.011	HDPE
MH-1715	MH-1716	580.76	580.71	579.38	579.35	23.1	150	0.17	1,000.00	0.4807	0.0281	1.2	1.23	1.2	15.5	0.011	HDPE
MH-1717	MH-290	584.01	583.49	582.58	582.34	23.1	150	0.51	100	1.52	0.0688	1.1	1.29	1	15.5	0.011	HDPE
MH-1720	MH-593	589.02	588.68	587.76	587.53	23.2	150	0.86	100	1.52	0.4158	1.1	1.11	1	38.7	0.011	HDPE
MH-126	MH-179	575.61	575.24	574.32	574.09	23.2	150	0.5	100	1.52	0.0635	1.1	1.14	1	14.9	0.011	HDPE
MH-914	MH-1723	579.23	579.08	575.63	575.65	23.2	600	0.92	1,000.00	19.3795	17.4119	2.9	3.01	2.83	72.8	0.011	HDPE
MH-1724	MH-1538	590.03	589.79	588.87	588.64	23.2	150	0.84	100	1.52	0.3736	1	1.01	1	40.4	0.011	HDPE
MH-600	MH-1725	575.87	575.43	574.51	574.28	23.2	150	0.78	100	1.52	0.2982	1.1	1.21	1	32.5	0.011	HDPE
MH-57	MH-1726	584.48	584.23	583.31	583.08	23.2	150	0.76	100	1.52	0.2644	1	1.02	1	30.5	0.011	HDPE
MH-1727	MH-1728	578.43	577.93	577.01	576.78	23.2	150	0.52	100	1.52	0.07	1.1	1.27	1	18.1	0.011	HDPE
MH-1729	MH-1730	578.4	578.34	577.25	577.19	23.2	150	0.19	421.234	0.7406	0.0129	1	1	1	11	0.011	HDPE
MH-1731	MH-1381	580.74	580.38	579.46	579.23	23.2	150	0.37	100	1.52	0.0226	1.1	1.13	1	28.1	0.011	HDPE
MH-1275	MH-979	570.84	571.05	569.52	569.49	23.3	150	0.13	1,000.00	0.4807	0.0094	1.3	1.18	1.41	15.9	0.011	HDPE
MH-1734	MH-391	577.6	577.5	576.45	576.35	23.3	150	0.24	228.359	1.0059	0.0146	1	1	1	11.1	0.011	HDPE
MH-940	MH-1120	580.75	580.62	579.6	579.47	23.3	150	0.26	173.302	1.1546	0.0136	1	1	1	8.3	0.011	HDPE
MH-1735	MH-1736	587.22	587.05	586.07	585.9	23.3	150	0.56	138.718	1.2906	0.1412	1	1	1	28.8	0.011	HDPE
MH-1737	MH-1738	586.29	586.29	583.39	583.41	19.3	150	0.27	1,000.00	0.4807	0.1285	2.7	2.76	2.73	36	0.011	HDPE
MH-101	MH-1576	577.11	577.2	575.89	575.87	23.3	150	0.16	1,000.00	0.4807	0.0198	1.1	1.06	1.18	15.2	0.011	HDPE
MH-207	MH-874	571.45	571.19	570.27	570.04	23.3	150	0.41	100	1.52	0.0322	1	1.02	1	14	0.011	HDPE
MH-1739	MH-1740	583.98	583.85	582.04	581.87	23.3	150	0.47	136.323	1.3019	0.0767	1.8	1.79	1.83	25.5	0.011	HDPE
MH-1741	MH-1742	564.47	564.44	563.32	563.29	23.3	150	0.24	998.769	0.481	0.0794	1	1	1	22.6	0.011	HDPE
MH-1743	MH-1744	586.25	586.11	585.1	584.96	23.3	150	0.26	162.797	1.1913	0.0123	1	1	1	10.8	0.011	HDPE
MH-1745	MH-1746	576.96	576.37	574.11	574.13	23.3	150	0.23	1,000.00	0.4807	0.0773	2.4	2.7	2.09	27.8	0.011	HDPE
MH-1747	MH-1748	580.63	580.65	579.48	579.45	23.4	150	0.08	1,000.00	0.4807	0.0022	1	1	1.05	6.6	0.011	HDPE
MH-700	MH-104	580.6	580.35	579.43	579.2	23.4	150	1.07	100	1.672	0.7037	1	1.02	1	50	0.01	HDPE
MH-1749	MH-1750	563.87	563.49	562.45	562.22	23.4	271	1.34	100	8.0956	1.8428	1.1	1.14	1	37.1	0.01	HDPE
MH-1751	MH-1752	577.65	577.24	576.33	576.09	23.4	150	0.33	100	1.52	0.0157	1.1	1.18	1	7.5	0.011	HDPE
MH-1753	MH-1754	589.97	589.67	588.75	588.52	23.4	150	0.28	100	1.52	0.0097	1	1.07	1	5.9	0.011	HDPE
MH-1755	MH-1756	583.97	584.4	582.82	583.05	23.4	150	0.48	100	1.52	0.057	1.1	1	1.2	14.1	0.011	HDPE
MH-1757	MH-1758	582.25	582.15	581.1	580.91	23.4	150	0.8	122.349	1.3742	0.4115	1	1	1.1	52.5	0.011	HDPE
MH-1759	MH-1760	563.95	563.83	562.73	562.61	23.4	217	0.99	196.688	3.1916	1.4112	1	1	1	47.5	0.01	HDPE
MH-1761	MH-1762	589.5	589.4	588.35	588.25	23.4	150	0.5	234.696	0.9922	0.179	1	1	1	27.8	0.011	HDPE
MH-1763	MH-1724	590.39	590.03	589.12	588.88	23.4	150	0.82	100	1.52	0.3486	1.1	1.12	1	35.2	0.011	HDPE
MH-1764	MH-1765	544.37	544.23	543.22	543.08	23.5	150	0.32	167.989	1.1728	0.0251	1	1	1	13.1	0.011	HDPE
MH-1766	MH-924	568.11	567.88	566.96	566.73	23.5	150	0.28	102.023	1.5049	0.0098	1	1	1	6.8	0.011	HDPE
MH-1767	MH-1768	544.05	544.15	542.77	542.75	23.5	150	0.16	1,000.00	0.4807	0.0223	1.2	1.13	1.25	14.8	0.011	HDPE
MH-1769	MH-1770	581.68	581.62	580.53	580.28	26.5	150	0.8	102.844	1.4989	0.3317	1.1	1	1.19	37.9	0.011	HDPE
MH-1771	MH-726	588.17	588	587.02	586.81	23.5	150	0.51	107.129	1.4686	0.0762	1	1	1.04	16.4	0.011	HDPE
MH-1772	MH-1773	584.04	583.45	582.42	582.18	23.5	271	1.44	100	8.0956	2.414	1.2	1.35	1	42.8	0.01	HDPE
MH-1774	MH-1775	563.51	563.52	562.3	562.13	23.5	150	0.58	137.997	1.2939	0.1521	1.1	1.06	1.24	35.3	0.011	HDPE
MH-1710	MH-1776	580.51	579.98	579.06	578.83	23.5	150	1.02	100	1.52	0.7763	1.1	1.3	1	54.1	0.011	HDPE
MH-1777	MH-321	572.14	571.6	570.69	570.45	23.5	150	0.37	100	1.52	0.0236	1.2	1.3	1	9.1	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-467	MH-1778	604.78	605.02	602.79	602.77	23.5	150	0.24	1,000.00	0.4807	0.0855	2	1.84	2.11	26	0.011	HDPE
MH-277	MH-1781	584.65	584.32	583.41	583.17	23.6	150	0.33	100	1.52	0.0162	1	1.09	1	7.6	0.011	HDPE
MH-1782	MH-1326	581.74	581.62	580.59	580.47	23.6	150	0.51	185.135	1.1171	0.143	1	1	1	24	0.011	HDPE
MH-1783	MH-1660	583.06	582.87	581.79	581.6	23.6	271	1.21	123.285	7.2911	1.7006	1	1	1	40.6	0.01	HDPE
MH-1194	MH-502	583.05	582.78	581.86	581.63	23.6	150	0.41	100	1.52	0.0334	1	1.04	1	10.8	0.011	HDPE
MH-1784	MH-1785	546	546.07	544.85	544.92	23.6	150	0.25	324.494	0.8438	0.0251	1	1	1	14	0.011	HDPE
MH-1786	MH-1787	549.71	549.74	547.97	547.94	23.6	150	0.1	1,000.00	0.4807	0.0042	1.6	1.59	1.65	25.7	0.011	HDPE
MH-1433	MH-383	587.07	587.32	585.92	586.16	23.6	150	0.46	100	1.52	0.0479	1	1	1.01	12.9	0.011	HDPE
MH-831	MH-1788	575.39	575.04	574.13	573.89	23.6	150	0.72	100	1.52	0.2202	1.1	1.11	1	27.8	0.011	HDPE
MH-1789	MH-1790	586.58	586.43	585.43	585.28	23.6	150	0.69	150.394	1.2395	0.3193	1	1	1	35.4	0.011	HDPE
MH-1791	MH-1792	583.85	583.79	582.46	582.33	23.7	175	0.8	184.926	1.8547	0.5737	1.2	1.22	1.28	43.7	0.01	HDPE
MH-1793	MH-602	574.74	575.23	573.59	573.57	23.7	150	0.13	1,000.00	0.4807	0.0118	1.3	1	1.51	20.7	0.011	HDPE
MH-1796	MH-1797	580.7	580.58	578.79	578.76	23.7	600	0.89	1,000.00	19.3795	14.666	1.3	1.32	1.21	53.8	0.011	HDPE
MH-1798	MH-1799	582.58	582.39	581.43	581.19	23.7	150	0.8	101.521	1.5086	0.3258	1	1	1.05	48	0.011	HDPE
MH-1800	MH-1481	579.33	579.21	578.18	578.06	23.7	150	0.18	187.54	1.1099	0.0043	1	1	1	4.3	0.011	HDPE
MH-1801	MH-611	581.68	581.89	579.9	579.88	23.7	150	0.17	1,000.00	0.4807	0.0255	1.7	1.63	1.87	27.5	0.011	HDPE
MH-1802	MH-1803	578.68	578.46	577.53	577.31	23.8	150	0.62	106.601	1.4722	0.1409	1	1	1	24.6	0.011	HDPE
MH-172	MH-1551	567.34	567.27	565.79	565.76	23.8	150	0.21	1,000.00	0.4807	0.0524	1.4	1.4	1.36	24.2	0.011	HDPE
MH-1293	MH-1804	589.01	589.12	586.14	586.1	23.7	400	0.8	660.355	8.0887	5.0581	2.5	2.47	2.62	59.8	0.011	HDPE
MH-1805	MH-1301	548.46	548.33	546.08	546.05	23.8	150	0.29	1,000.00	0.4807	0.1627	2.2	2.23	2.13	40	0.011	HDPE
MH-1740	MH-1491	583.85	583.67	581.87	581.85	23.8	150	0.27	1,000.00	0.4807	0.1181	1.8	1.83	1.67	27.7	0.011	HDPE
MH-1806	MH-1445	588.51	588.67	586.92	586.77	23.8	150	0.41	157.91	1.2096	0.0548	1.6	1.43	1.75	26.5	0.011	HDPE
MH-1807	MH-1808	571.72	571.62	570.57	570.47	23.8	150	0.19	256.095	0.9498	0.0078	1	1	1	7.6	0.011	HDPE
MH-1809	MH-1810	569.81	569.56	568.64	568.41	23.8	150	0.22	100	1.52	0.0047	1	1.01	1	4.2	0.011	HDPE
MH-1811	MH-1812	586.65	586.47	585.5	585.32	23.8	150	0.5	133.397	1.3161	0.0917	1	1	1	29.9	0.011	HDPE
MH-1620	MH-1650	586.27	586.05	585.12	584.9	23.8	150	0.42	107.96	1.4629	0.0395	1	1	1	11.9	0.011	HDPE
MH-715	MH-1813	544.67	544.52	543.52	543.37	23.8	150	0.31	166.889	1.1766	0.0226	1	1	1	9.6	0.011	HDPE
MH-483	MH-1814	584.87	584.5	583.59	583.35	23.9	150	0.58	100	1.52	0.104	1.1	1.13	1	19	0.011	HDPE
MH-1815	MH-617	581.1	580.42	579.51	579.27	23.9	150	0.42	100	1.52	0.0364	1.2	1.44	1	11.3	0.011	HDPE
MH-1816	MH-1817	589.21	589.24	588.06	588.04	23.9	150	0.14	1,000.00	0.4807	0.0143	1	1	1.05	14.8	0.011	HDPE
MH-1818	MH-1819	592.2	591.88	590.96	590.73	23.9	150	0.4	100	1.52	0.0312	1	1.08	1	11.8	0.011	HDPE
MH-1820	MH-1821	549.18	548.94	547.62	547.4	23.9	150	0.8	106.623	1.4721	0.3438	1.4	1.4	1.39	38.3	0.011	HDPE
MH-1822	MH-1823	574.93	574.53	573.62	573.38	23.9	150	0.56	100	1.52	0.0944	1.1	1.16	1	29.1	0.011	HDPE
MH-1824	MH-1825	571.14	570.85	569.19	569.21	23.9	150	0.17	1,000.00	0.4807	0.0241	1.6	1.8	1.49	16.9	0.011	HDPE
MH-523	MH-717	566.54	566.3	565.39	565.15	23.9	150	0.29	100	1.52	0.0109	1	1	1	6.3	0.011	HDPE
MH-141	MH-1828	586.19	586.05	585.04	584.9	24	150	0.36	176.753	1.1433	0.0426	1	1	1	13.1	0.011	HDPE
MH-1405	MH-2	588.73	588.6	587.56	587.38	24.2	150	0.69	136.556	1.3008	0.2794	1	1.03	1.06	37.6	0.011	HDPE
MH-1829	MH-1830	580.41	579	578	577.85	14.8	150	0.5	100	1.52	0.0622	1.6	2.26	1	15.9	0.011	HDPE
MH-1033	MH-177	548.51	548.55	547.14	547.12	24	150	0.13	1,000.00	0.4807	0.0116	1.3	1.22	1.29	9	0.011	HDPE
MH-1831	MH-1832	565.93	565.55	564.64	564.4	24	150	0.66	100	1.52	0.1611	1.1	1.14	1	23.7	0.011	HDPE
MH-1833	MH-375	577.55	577.99	574.29	574.27	24	150	0.22	1,000.00	0.4807	0.0586	3.3	3.11	3.57	29.7	0.011	HDPE
MH-1834	MH-1835	571.18	570.75	569.84	569.6	24	150	0.72	100	1.52	0.2203	1.1	1.19	1	27.8	0.011	HDPE
MH-1836	MH-1837	581.06	581.01	579.91	579.86	24	150	0.08	480.528	0.6934	0.0008	1	1	1	3.8	0.011	HDPE
MH-456	MH-1838	570.77	570.75	569.05	568.85	24	150	0.8	120.077	1.3871	0.4002	1.7	1.57	1.75	41.4	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1916	MH-1917	578.87	578.81	577.5	577.45	24.6	150	0.21	515.034	0.6698	0.0252	1.2	1.22	1.2	13.6	0.011	HDPE
MH-1918	MH-1919	579.82	579.09	578.18	577.94	24.6	150	0.28	100	1.52	0.0096	1.2	1.49	1	5.9	0.011	HDPE
MH-1558	MH-1920	544.39	544.33	542.7	542.67	24.6	150	0.22	1,000.00	0.4807	0.0646	1.5	1.54	1.5	24.7	0.011	HDPE
MH-613	MH-1675	581.13	580.96	579.98	579.81	24.6	150	0.2	143.899	1.2671	0.0045	1	1	1	4.9	0.011	HDPE
MH-1923	MH-1201	564	564	562.78	562.68	24.7	217	0.8	246.844	2.8489	0.8842	1.1	1	1.1	38.1	0.01	HDPE
MH-1924	MH-1804	589.07	589.12	587.82	587.79	24.7	150	0.25	1,000.00	0.4807	0.0983	1.1	1.1	1.18	25.2	0.011	HDPE
MH-296	MH-297	575.69	575.47	574.54	574.32	24.7	150	0.44	111.957	1.4366	0.0464	1	1	1	12.9	0.011	HDPE
MH-1750	MH-1925	563.49	563.09	562.04	561.82	24.7	271	1.31	109.662	7.7308	1.9202	1.1	1.17	1	38.4	0.01	HDPE
MH-1926	MH-1927	583.4	582.91	582.01	581.76	24.7	150	0.98	100	1.52	0.6563	1.1	1.24	1	49.3	0.011	HDPE
MH-1929	MH-1928	547.42	547.23	546.27	546.08	24.7	150	0.22	127.805	1.3445	0.0052	1	1	1	4.5	0.011	HDPE
MH-1930	MH-864	582.64	582.37	581.47	581.22	24.7	150	0.37	100	1.52	0.0223	1	1.02	1	8.9	0.011	HDPE
MH-1931	MH-1932	572.09	571.76	570.86	570.61	24.7	150	1.15	100	1.672	0.9616	1	1.08	1	67.7	0.01	HDPE
MH-1933	MH-1934	581.5	581.05	580.15	579.9	24.7	150	0.57	100	1.52	0.0974	1.1	1.2	1	18.4	0.011	HDPE
MH-20	MH-1936	581.18	581.05	579.91	579.88	24.7	150	0.12	1,000.00	0.4807	0.0083	1.1	1.12	1.02	10.3	0.011	HDPE
MH-1937	MH-1938	587.98	587.57	586.64	586.4	24.7	175	1.04	100	2.5221	0.6645	1.1	1.16	1	39.3	0.01	HDPE
MH-470	MH-444	565.09	564.74	563.83	563.59	24.7	150	0.2	100	1.52	0.0029	1.1	1.11	1	3.9	0.011	HDPE
MH-1580	MH-1939	565.32	565.34	564.01	563.99	24.8	150	0.32	1,000.00	0.4807	0.2331	1.2	1.16	1.2	42.8	0.011	HDPE
MH-309	MH-1157	579.49	578.9	578	577.75	24.8	150	0.52	100	1.52	0.0719	1.2	1.35	1	15.9	0.011	HDPE
MH-1940	MH-1941	588.46	588.71	587.29	587.11	32	175	0.8	180.133	1.8792	0.5523	1.2	1	1.42	38.3	0.01	HDPE
MH-1942	MH-552	575.82	575.35	574.44	574.2	24.8	150	0.46	100	1.52	0.0476	1.1	1.22	1	12.9	0.011	HDPE
MH-1776	MH-635	579.98	579.42	578.52	578.27	24.8	150	1.03	100	1.52	0.8109	1.2	1.31	1	55.4	0.011	HDPE
MH-1943	MH-1944	577.45	577.27	576.16	576.07	24.8	175	0.8	293.034	1.4734	1.1603	1.1	1.12	1.02	62.3	0.01	HDPE
MH-1945	MH-1946	567.06	567.03	565.77	565.8	24.9	150	0.22	1,000.00	0.4807	0.0668	1.1	1.14	1.09	29.7	0.011	HDPE
MH-1947	MH-1374	578.95	579.33	576.83	576.81	24.9	150	0.21	1,000.00	0.4807	0.0547	2.2	1.97	2.37	18.7	0.011	HDPE
MH-1948	MH-1662	582.32	582.61	581.17	581.14	24.9	150	0.12	1,000.00	0.4807	0.0078	1.2	1	1.32	10.7	0.011	HDPE
MH-1949	MH-1950	567.22	566.69	565.79	565.54	24.9	150	0.42	100	1.52	0.0348	1.1	1.28	1	11.1	0.011	HDPE
MH-1164	MH-1951	573.37	573.93	572.22	572.47	24.9	150	0.29	100	1.52	0.0102	1.2	1	1.31	6.1	0.011	HDPE
MH-1952	MH-1413	587.73	587.75	586.53	586.51	24.9	150	0.29	1,000.00	0.4807	0.1607	1.1	1.04	1.09	32.3	0.011	HDPE
MH-1953	MH-1101	577.5	577.63	576.05	576.03	24.9	150	0.31	1,000.00	0.4807	0.2042	1.4	1.29	1.46	50.7	0.011	HDPE
MH-1866	MH-1954	555.73	555.78	553.44	553.38	25	271	0.8	416.018	3.9691	1.8863	2.1	2.02	2.13	48.1	0.01	HDPE
MH-1955	MH-1740	583.45	583.85	581.9	581.87	25	150	0.14	1,000.00	0.4807	0.0148	1.6	1.41	1.83	25.5	0.011	HDPE
MH-36	MH-1426	565.5	565.34	564.34	564.19	25	150	0.87	174.041	1.2674	0.7145	1	1.01	1	54.4	0.01	HDPE
MH-416	MH-809	587.94	587.48	586.21	586.15	25	271	0.8	373.188	4.1907	1.6166	1.3	1.45	1.06	45.3	0.01	HDPE
MH-1956	MH-756	567.54	567.4	566.39	566.25	25	150	0.18	171.409	1.161	0.0042	1	1	1	5	0.011	HDPE
MH-1957	MH-662	567.1	566.93	565.95	565.78	25	150	0.17	154.41	1.2232	0.0032	1	1	1	4.3	0.011	HDPE
MH-1958	MH-1959	589.13	589.05	586.71	586.64	25	217	0.8	336.49	2.4401	1.3738	2.2	2.2	2.19	53.2	0.01	HDPE
MH-114	MH-1045	579.47	579.02	578.12	577.87	25	150	1.15	100	1.672	0.9568	1.1	1.21	1	59.2	0.01	HDPE
MH-1960	MH-1961	584.04	583.93	582.89	582.78	25	150	0.36	211.735	1.0446	0.0496	1	1	1	14.4	0.011	HDPE
MH-1962	MH-1963	545.04	544.76	543.58	543.61	25	150	0.09	1,000.00	0.4807	0.0036	1.2	1.31	1	7.4	0.011	HDPE
MH-1964	MH-251	577.49	577.09	575.47	575.45	25.1	600	0.92	1,000.00	19.3795	18.4779	1.2	1.42	1.04	56.4	0.011	HDPE
MH-1965	MH-1966	591.4	590.97	590.07	589.82	25.1	150	1.12	100	1.52	1.1765	1.1	1.18	1	68.6	0.011	HDPE
MH-1967	MH-1968	588.84	588.68	587.69	587.53	25.1	150	0.37	154.177	1.2242	0.0386	1	1	1	12.2	0.011	HDPE
MH-1531	MH-1969	577.51	577.48	576.3	576.08	25.1	150	0.62	114.366	1.4214	0.1561	1.2	1.06	1.25	34.6	0.011	HDPE
MH-1966	MH-1971	590.97	590.56	589.63	589.38	25.1	175	1.38	100	2.5221	2.0897	1.1	1.16	1	73.7	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2028	MH-274	589.81	589.79	585.8	585.77	29.9	500	0.8	1,000.00	11.9177	9.9405	3.5	3.51	3.52	67.6	0.011	HDPE
MH-1566	MH-2029	588.12	587.89	585.96	585.85	25.6	175	0.8	233.677	1.6499	0.7937	1.9	1.99	1.87	48.2	0.01	HDPE
MH-2032	MH-2033	586.36	585.93	585.04	584.78	25.6	150	0.73	100	1.52	0.2262	1.1	1.17	1	28.2	0.011	HDPE
MH-2034	MH-2035	584.69	584.42	583.52	583.27	25.6	150	0.25	100	1.52	0.0071	1	1.02	1	11.6	0.011	HDPE
MH-2036	MH-2037	589.97	590.62	588.82	589.07	25.6	150	0.33	100	1.52	0.0159	1.2	1	1.39	9.7	0.011	HDPE
MH-2038	MH-1820	549.43	549.18	547.88	547.62	25.7	150	0.8	101.108	1.5117	0.324	1.4	1.4	1.4	37.5	0.011	HDPE
MH-2039	MH-2040	588.13	588.31	586.98	586.95	25.7	150	0.14	1,000.00	0.4807	0.0141	1.1	1	1.2	14.9	0.011	HDPE
MH-2041	MH-2042	592.35	592.33	591.16	591.18	25.7	150	0.23	1,000.00	0.4807	0.068	1	1.04	1	45.6	0.011	HDPE
MH-2043	MH-2044	544.84	544.76	543.69	543.47	25.7	150	0.26	118.461	1.3966	0.0085	1.1	1	1.14	25.3	0.011	HDPE
MH-2045	MH-2046	593.22	592.61	591.72	591.46	25.7	150	0.54	100	1.52	0.0836	1.2	1.35	1	25.5	0.011	HDPE
MH-693	MH-1985	571.35	571.22	570.2	570.02	25.7	150	0.29	144.994	1.2623	0.0159	1	1	1.05	9.4	0.011	HDPE
MH-2047	MH-840	569.28	569.01	566.92	566.71	25.7	150	0.47	120.501	1.3847	0.0667	2.2	2.21	2.15	26.8	0.011	HDPE
MH-1585	MH-1544	571.86	571.7	570.71	570.55	25.7	150	0.84	157.11	1.334	0.5396	1	1	1	45.9	0.01	HDPE
MH-2048	MH-2049	587.68	587.46	586.5	586.31	25.7	150	0.87	131.658	1.4572	0.4707	1	1.03	1	45.4	0.01	HDPE
MH-2050	MH-2051	585.27	585.16	584.12	583.9	25.8	150	0.43	113.484	1.4269	0.0452	1.1	1	1.11	22.3	0.011	HDPE
MH-1586	MH-2052	581.35	581.34	579.97	579.95	25.8	150	0.13	1,000.00	0.4807	0.0116	1.2	1.22	1.24	11.8	0.011	HDPE
MH-2053	MH-2054	574.28	574.24	572.11	571.99	25.8	175	0.8	222.202	1.692	0.7371	2	2	2.08	45.9	0.01	HDPE
MH-1897	MH-1069	547.2	547.25	545.96	545.93	25.8	150	0.1	1,000.00	0.4807	0.0045	1.1	1.09	1.17	8.9	0.011	HDPE
MH-2055	MH-1430	576.68	576.81	574.65	574.44	25.8	150	0.8	125.219	1.3584	0.4247	2	1.88	2.22	44.3	0.011	HDPE
MH-2056	MH-2057	573.93	573.41	572.52	572.26	25.8	150	0.24	100	1.52	0.006	1.1	1.26	1	9.6	0.011	HDPE
MH-2058	MH-2059	584.89	584.77	583.71	583.59	25.8	175	0.94	211.815	1.733	1.3339	1	1	1	66.3	0.01	HDPE
MH-2060	MH-980	583.36	583.23	582.21	582.08	25.8	150	0.31	201.556	1.0707	0.0282	1	1	1	10.8	0.011	HDPE
MH-40	MH-838	567.28	567.42	565.86	565.84	25.8	150	0.14	1,000.00	0.4807	0.0144	1.3	1.26	1.43	15.2	0.011	HDPE
MH-1595	MH-2061	572.91	572.46	571.57	571.31	25.8	150	0.43	100	1.52	0.0371	1.1	1.19	1	11.4	0.011	HDPE
MH-2062	MH-252	571.21	570.47	569.58	569.32	25.8	150	0.53	100	1.52	0.0775	1.2	1.47	1	28.1	0.011	HDPE
MH-188	MH-40	567.16	567.28	565.89	565.86	25.8	150	0.12	1,000.00	0.4807	0.008	1.2	1.12	1.26	10.3	0.011	HDPE
MH-63	MH-1672	589.55	589.46	587.48	587.42	25.9	271	0.8	443.899	3.8425	2.0805	1.8	1.8	1.77	53.2	0.01	HDPE
MH-2063	MH-1893	585.68	585.5	582.56	582.48	26.4	271	0.8	345.312	4.3566	1.4591	2.8	2.85	2.75	41.4	0.01	HDPE
MH-2064	MH-2065	573.32	573.15	572.17	572	25.9	150	0.57	149.358	1.2438	0.1595	1	1	1	24.7	0.011	HDPE
MH-2066	MH-1635	585.81	585.5	584.61	584.35	25.9	150	0.28	100	1.52	0.0095	1	1.05	1	5.9	0.011	HDPE
MH-2067	MH-2068	587.57	587.31	586.07	585.81	25.9	500	1.86	100	37.6871	9.1264	1	1	1	38.4	0.011	HDPE
MH-2069	MH-169	584.28	583.87	582.98	582.72	25.9	150	0.83	100	1.52	0.3583	1.1	1.14	1	35.8	0.011	HDPE
MH-2070	MH-2071	592.91	592.34	591.45	591.19	26	150	0.92	100	1.52	0.522	1.2	1.31	1	47.6	0.011	HDPE
MH-2072	MH-2073	593.77	593.97	591.31	591.15	26	150	0.8	164.055	1.3054	0.472	2.5	2.31	2.67	43	0.01	HDPE
MH-1578	MH-2074	564.57	564.12	563.23	562.97	26	150	0.5	100	1.52	0.062	1.1	1.19	1	14.7	0.011	HDPE
MH-2075	MH-1290	587.18	587.24	585.42	585.44	26	150	0.25	1,000.00	0.4807	0.0938	1.6	1.61	1.65	27	0.011	HDPE
MH-2076	MH-245	562.89	562.88	561.63	561.6	26	150	0.3	1,000.00	0.4807	0.1974	1.1	1.11	1.13	52	0.011	HDPE
MH-2077	MH-1575	589.58	589.59	587.61	587.55	26	271	0.8	424.516	3.9292	1.9423	1.7	1.7	1.78	49.3	0.01	HDPE
MH-1245	MH-2078	589.49	589.53	587.99	587.96	26	150	0.19	1,000.00	0.4807	0.0409	1.4	1.36	1.42	22.9	0.011	HDPE
MH-2079	MH-2080	588.15	588.32	586.75	586.72	26	150	0.23	1,000.00	0.4807	0.072	1.4	1.25	1.45	21.5	0.011	HDPE
MH-2081	MH-2082	585.15	584.89	584	583.74	26	150	0.58	100.16	1.5188	0.1076	1	1	1	19.4	0.011	HDPE
MH-2083	MH-2084	585.73	585.34	584.45	584.19	26.1	150	0.64	100	1.52	0.145	1.1	1.13	1	22.5	0.011	HDPE
MH-2087	MH-2088	566.52	566.74	564.11	564.02	26.1	217	0.8	267.177	2.7384	0.9812	2.3	2.19	2.5	42.2	0.01	HDPE
MH-2091	MH-2092	560.88	560.4	557.63	557.6	26	500	0.8	982.537	12.0232	9.5036	2.5	2.75	2.3	62.7	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2093	MH-2094	573.54	573.52	572.2	572.17	26.1	150	0.21	1,000.00	0.4807	0.0528	1.2	1.19	1.2	20.9	0.011	HDPE
MH-2095	MH-2072	593.62	593.77	591.52	591.31	26.1	150	0.8	123.872	1.3657	0.4174	2.1	1.95	2.31	43.5	0.011	HDPE
MH-2096	MH-2097	578.02	577.99	576.87	576.79	26.1	150	0.37	347.126	0.8158	0.0966	1	1	1.05	25.9	0.011	HDPE
MH-2098	MH-2099	567.01	567.15	565.86	565.83	26.1	150	0.08	1,000.00	0.4807	0.0017	1.1	1	1.17	5.6	0.011	HDPE
MH-2100	MH-1317	579.15	578.72	577.83	577.57	26.2	150	1.07	100	1.52	0.9424	1.1	1.17	1	60.3	0.011	HDPE
MH-2101	MH-1428	583.08	583.59	581.93	582.19	26.2	150	0.46	100	1.52	0.0474	1.1	1	1.25	25.7	0.011	HDPE
MH-2102	MH-1864	591.17	590.73	589.84	589.58	26.2	150	0.32	100	1.52	0.0147	1.1	1.18	1	7.3	0.011	HDPE
MH-348	MH-1889	583.5	582.82	581.93	581.67	26.2	150	0.56	100	1.52	0.0953	1.2	1.42	1	18.2	0.011	HDPE
MH-2105	MH-1629	568.92	568.63	567.74	567.48	26.3	150	0.51	100	1.52	0.071	1	1.02	1	15.8	0.011	HDPE
MH-1813	MH-1764	544.52	544.37	543.37	543.22	26.3	150	0.31	166.849	1.1768	0.0238	1	1	1	9.9	0.011	HDPE
MH-2106	MH-2107	561.12	560.65	559.47	559.5	26.3	150	0.31	1,000.00	0.4807	0.206	1.3	1.5	1	36.8	0.011	HDPE
MH-2109	MH-2110	578.7	577.91	576.73	576.76	26.3	150	0.09	1,000.00	0.4807	0.0031	1.4	1.82	1	6.7	0.011	HDPE
MH-655	MH-1497	586.03	585.6	584.71	584.45	26.3	150	0.38	100	1.52	0.0252	1.1	1.17	1	9.4	0.011	HDPE
MH-2111	MH-332	579.95	579.9	578.8	578.75	26.3	150	0.25	526.958	0.6622	0.0419	1	1	1	21.7	0.011	HDPE
MH-2112	MH-2113	581	581.47	579.38	579.36	26.3	150	0.22	1,000.00	0.4807	0.0622	1.7	1.47	1.96	25.7	0.011	HDPE
MH-695	MH-2114	581.31	581.85	580.16	580.13	26.3	150	0.13	1,000.00	0.4807	0.0111	1.3	1	1.57	8.5	0.011	HDPE
MH-2115	MH-2116	579.52	579.34	578.31	578.12	26.3	217	1.2	144.166	3.7279	1.9639	1	1	1	58.6	0.01	HDPE
MH-2117	MH-2007	549.17	549.45	548.02	547.99	26.3	150	0.05	1,000.00	0.4807	0.0005	1.2	1	1.31	3.8	0.011	HDPE
MH-2118	MH-1950	566.8	566.69	565.65	565.54	26.4	150	0.23	237.146	0.9871	0.0129	1	1	1	7.5	0.011	HDPE
MH-2119	MH-2120	544.21	544.18	543.05	543.02	26.4	150	0.18	1,000.00	0.4807	0.0295	1	1.01	1.01	16.8	0.011	HDPE
MH-2121	MH-2122	573.08	572.84	571.93	571.69	26.4	150	0.45	107.434	1.4665	0.0479	1	1	1	16.4	0.011	HDPE
MH-2123	MH-2124	584.19	583.56	582.67	582.41	26.4	150	0.42	100	1.52	0.0364	1.2	1.36	1	11.3	0.011	HDPE
MH-737	MH-364	576.79	576.58	575.64	575.43	23.6	150	0.29	111.295	1.4408	0.0116	1	1	1	8.2	0.011	HDPE
MH-1980	MH-2126	587.01	586.74	585.85	585.59	26.4	150	0.8	100	1.52	0.3165	1	1	1	38.9	0.011	HDPE
MH-2127	MH-2128	581.49	581.4	580.12	579.89	26.5	150	0.8	113.537	1.4265	0.3714	1.3	1.22	1.36	42.7	0.011	HDPE
MH-2129	MH-2130	586.36	586.45	585.05	585.02	26.5	150	0.18	1,000.00	0.4807	0.0337	1.2	1.16	1.27	19.4	0.011	HDPE
MH-2131	MH-2132	579	578.59	577.71	577.44	26.5	150	0.28	100	1.52	0.0092	1.1	1.14	1	5.8	0.011	HDPE
MH-2133	MH-2134	577.97	577.28	576.39	576.13	26.5	150	0.28	100	1.52	0.0097	1.2	1.42	1	5.9	0.011	HDPE
MH-2135	MH-574	571.65	571.06	570.17	569.91	26.5	150	0.51	100	1.52	0.0688	1.2	1.32	1	15.5	0.011	HDPE
MH-1423	MH-2136	576.58	575.94	575.05	574.79	26.5	150	0.43	100	1.52	0.0382	1.2	1.37	1	11.6	0.011	HDPE
MH-1995	MH-2137	544.74	544.71	543.59	543.56	26.5	150	0.1	881.266	0.512	0.0033	1	1	1	6	0.011	HDPE
MH-1276	MH-52	571.77	571.3	570.42	570.15	26.2	150	0.61	100	1.52	0.1259	1.1	1.2	1	21	0.011	HDPE
MH-1936	MH-2138	581.05	581.32	579.88	579.85	26.5	150	0.14	1,000.00	0.4807	0.0142	1.2	1.02	1.31	13.4	0.011	HDPE
MH-2139	MH-2140	579.09	579.15	577.94	577.92	26.5	150	0.22	1,000.00	0.4807	0.0602	1	1	1.08	32.6	0.011	HDPE
MH-2141	MH-2142	588.28	588.28	587.13	587.11	26.6	150	0.17	1,000.00	0.4807	0.0262	1	1	1.02	15.1	0.011	HDPE
MH-2143	MH-584	569.69	569.89	568.54	568.74	26.6	150	0.7	132.217	1.3219	0.2777	1	1	1	34.2	0.011	HDPE
MH-2144	MH-2145	561.72	562.22	559.76	559.54	26.6	150	0.8	120.122	1.3869	0.4005	2.2	1.81	2.53	42.4	0.011	HDPE
MH-2146	MH-742	572.1	571.41	570.52	570.26	26.6	150	0.26	100	1.52	0.0072	1.2	1.43	1	5.1	0.011	HDPE
MH-1129	MH-2147	587.08	586.81	585.33	585.31	26.6	150	0.31	1,000.00	0.4807	0.2054	1.5	1.59	1.36	46.3	0.011	HDPE
MH-812	MH-2148	565.07	565.52	563.14	563.11	26.6	150	0.22	1,000.00	0.4807	0.0575	2	1.78	2.26	24.1	0.011	HDPE
MH-2149	MH-1507	588.97	588.82	587.82	587.67	26.6	150	0.25	179.382	1.1349	0.0126	1	1	1	9.4	0.011	HDPE
MH-1451	MH-2109	579.15	578.7	576.7	576.73	26.6	150	0.11	1,000.00	0.4807	0.0062	2.1	2.29	1.82	8.7	0.011	HDPE
MH-1044	MH-2150	591.61	591.14	589.96	589.99	26.7	150	0.17	1,000.00	0.4807	0.0269	1.3	1.5	1	17.8	0.011	HDPE
MH-2151	MH-2152	586.46	586.93	584.74	584.72	26.7	150	0.21	1,000.00	0.4807	0.0524	1.8	1.57	2.06	27.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2153	MH-2154	580.6	580.06	579.18	578.91	27	150	0.28	100	1.52	0.0096	1.1	1.27	1	7.9	0.011	HDPE
MH-1517	MH-2155	585.84	585.56	584.43	584.16	26.7	400	1.64	100	20.7858	5.4948	1	1	1	39.8	0.011	HDPE
MH-2156	MH-1327	576.71	576.15	575.27	575	26.7	150	1.08	100	1.52	0.9899	1.1	1.29	1	62	0.011	HDPE
MH-1678	MH-2111	580.46	579.95	579.07	578.8	26.7	150	0.37	100	1.52	0.0241	1.1	1.24	1	13.3	0.011	HDPE
MH-2157	MH-2158	586	586	584.85	584.7	26.7	150	0.59	184.395	1.1194	0.23	1.1	1	1.15	34	0.011	HDPE
MH-2159	MH-814	584.21	584.73	583.06	583.03	26.7	150	0.15	1,000.00	0.4807	0.015	1.3	1	1.55	13.8	0.011	HDPE
MH-1754	MH-2160	589.67	589.35	588.47	588.2	26.7	150	0.38	100	1.52	0.0265	1	1.05	1	9.7	0.011	HDPE
MH-26	MH-2161	571.02	570.91	569.53	569.4	26.7	150	0.32	202.359	1.0685	0.0326	1.3	1.34	1.36	11.6	0.011	HDPE
MH-525	MH-164	582.95	582.89	581.28	581.13	27	600	1.67	168.437	47.2199	12.8373	1.1	1.06	1.16	47	0.011	HDPE
MH-2162	MH-48	569.81	569.3	568.42	568.15	26.7	150	0.52	100	1.52	0.0748	1.1	1.24	1	16.2	0.011	HDPE
MH-1765	MH-2119	544.23	544.21	543.08	543.05	26.8	150	0.17	1,000.00	0.4807	0.028	1	1	1.01	16.4	0.011	HDPE
MH-2163	MH-747	581.87	582.17	580.72	580.69	26.8	150	0.13	1,000.00	0.4807	0.011	1.2	1	1.32	12.2	0.011	HDPE
MH-2164	MH-1672	589.5	589.46	588.34	588.31	26.8	150	0.22	1,000.00	0.4807	0.057	1	1.01	1	19	0.011	HDPE
MH-2165	MH-2166	589.06	589.4	587.91	587.88	26.8	150	0.14	1,000.00	0.4807	0.012	1.2	1	1.38	14.5	0.011	HDPE
MH-2169	MH-906	567.74	567.67	566.14	566.07	26.3	600	1.31	388.31	31.0995	16.1309	1	1	1	48.4	0.011	HDPE
MH-2170	MH-2171	544.94	544.79	542.26	542.28	26.8	150	0.33	1,000.00	0.4807	0.2692	2.4	2.53	2.35	49.5	0.011	HDPE
MH-1304	MH-2172	575.4	575.26	574.25	574.11	26.8	150	0.27	195.402	1.0874	0.0177	1	1	1	10.7	0.011	HDPE
MH-1402	MH-2173	575.82	575.67	574.67	574.52	26.8	150	0.35	183.951	1.1207	0.0384	1	1	1	13.7	0.011	HDPE
MH-99	MH-2176	576.05	575.6	574.6	574.33	26.8	271	1.35	100	8.0956	1.8877	1.1	1.18	1	42.8	0.01	HDPE
MH-2177	MH-2178	588.56	588.41	587.41	587.26	26.8	150	0.45	179.958	1.1331	0.0886	1	1	1	35	0.011	HDPE
MH-2179	MH-1024	580.41	580.34	579.26	579.19	26.8	150	0.21	404.658	0.7556	0.0183	1	1	1	10.1	0.011	HDPE
MH-1119	MH-2180	588.8	588.78	587.65	587.6	26.8	150	0.21	522.895	0.6647	0.0231	1	1	1.03	12.4	0.011	HDPE
MH-2181	MH-2182	575.99	576.69	574.84	574.63	26.9	150	0.26	131.244	1.3268	0.0101	1.5	1	1.9	12.8	0.011	HDPE
MH-2183	MH-2184	589.94	589.83	588.79	588.68	26.9	150	0.42	247.861	0.9655	0.106	1	1	1	24.1	0.011	HDPE
MH-2185	MH-1410	589.29	589.3	587.98	587.95	26.9	150	0.28	1,000.00	0.4807	0.1516	1.2	1.16	1.2	31.4	0.011	HDPE
MH-2186	MH-2187	587.45	587.3	586.3	586.15	26.9	150	0.41	178.816	1.1367	0.0641	1	1	1	21.6	0.011	HDPE
MH-2188	MH-2178	588.81	588.41	587.53	587.26	26.9	150	0.91	100	1.52	0.4996	1.1	1.13	1	48.7	0.011	HDPE
MH-2189	MH-2190	547.66	547.56	546.51	546.41	27	150	0.26	251.55	0.9584	0.0221	1	1	1	15.9	0.011	HDPE
MH-2191	MH-2192	576.93	577.5	575.78	576.05	27	150	0.99	100	1.52	0.695	1.1	1	1.29	50.9	0.011	HDPE
MH-983	MH-2193	586.51	586.03	585.15	584.88	27	150	0.63	100	1.52	0.1414	1.1	1.21	1	22.2	0.011	HDPE
MH-2194	MH-2195	591.15	590.48	589.6	589.33	27	150	0.29	100	1.52	0.0101	1.2	1.39	1	6.1	0.011	HDPE
MH-2196	MH-861	586.03	586.06	584.88	584.85	27	150	0.24	1,000.00	0.4807	0.0812	1	1	1.06	22.8	0.011	HDPE
MH-2197	MH-1574	589.21	589.24	587.92	587.89	27	150	0.2	1,000.00	0.4807	0.042	1.2	1.14	1.2	16.3	0.011	HDPE
MH-1134	MH-2198	586.49	586.48	584.83	584.81	27	150	0.31	1,000.00	0.4807	0.2225	1.5	1.51	1.53	48.3	0.011	HDPE
MH-2199	MH-1939	565.81	565.34	564.46	564.19	27	150	0.56	100	1.52	0.0925	1.1	1.2	1	17.9	0.011	HDPE
MH-2200	MH-962	574.76	575.19	571.41	571.39	27	150	0.25	1,000.00	0.4807	0.1009	3.4	3.2	3.66	31	0.011	HDPE
MH-2201	MH-2156	577.31	576.71	575.83	575.56	27	150	1.07	100	1.52	0.9536	1.2	1.33	1	60.7	0.011	HDPE
MH-2202	MH-2203	555.36	555.42	554.21	554.18	27	150	0.11	1,000.00	0.4807	0.0057	1	1	1.09	8.3	0.011	HDPE
MH-1847	MH-1511	586.2	586.63	585.05	585.32	27.1	150	0.28	100	1.52	0.0094	1.1	1	1.15	5.8	0.011	HDPE
MH-1744	MH-1351	586.11	586.16	584.96	584.93	27.1	150	0.16	1,000.00	0.4807	0.0223	1	1	1.08	16.2	0.011	HDPE
MH-2204	MH-1303	571.9	571.19	570.32	570.04	27.1	150	0.26	100	1.52	0.0077	1.2	1.43	1	8.7	0.011	HDPE
MH-1392	MH-2205	576.11	575.64	573.99	573.77	27.1	150	0.8	123.067	1.3702	0.4152	1.8	1.97	1.72	42.2	0.011	HDPE
MH-2206	MH-2207	576.02	575.44	574.56	574.29	27.1	150	0.6	100	1.52	0.1178	1.2	1.31	1	20.3	0.011	HDPE
MH-2210	MH-27	574.29	573.52	572.64	572.37	27.1	150	0.26	100	1.52	0.0073	1.2	1.49	1	5.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2211	MH-913	579.46	579.44	578.28	578.26	27.1	150	0.22	1,000.00	0.4807	0.0587	1	1.03	1.03	19.3	0.011	HDPE
MH-2212	MH-1342	591.42	591.99	588.27	588.05	27.2	150	0.8	122.006	1.3761	0.4097	3.4	3	3.79	39.3	0.011	HDPE
MH-571	MH-1448	596.38	595.97	595.02	594.75	27.2	150	0.59	102.747	1.4996	0.1143	1.1	1.21	1.07	48.3	0.011	HDPE
MH-2213	MH-1317	578.3	578.72	576.18	576.15	27.2	150	0.22	1,000.00	0.4807	0.0589	2.2	1.98	2.42	19.4	0.011	HDPE
MH-2214	MH-298	575.26	575.26	573.51	573.48	27.2	150	0.26	1,000.00	0.4807	0.1098	1.6	1.61	1.64	26.6	0.011	HDPE
MH-2215	MH-1212	564.02	564	562.62	562.57	27.2	400	0.8	551.947	8.8474	3.8577	1	1	1.03	41.3	0.011	HDPE
MH-1006	MH-2216	589.15	589.25	587.01	586.92	27.2	217	0.8	319.526	2.504	1.2683	2	1.92	2.11	50.2	0.01	HDPE
MH-1353	MH-2218	586.28	586.32	583.89	583.76	27.2	175	0.8	199.477	1.7857	0.6332	2.3	2.21	2.39	41.7	0.01	HDPE
MH-2219	MH-2220	572.89	573.13	571.61	571.58	27.3	150	0.22	1,000.00	0.4807	0.0565	1.3	1.14	1.4	31.4	0.011	HDPE
MH-2221	MH-2222	586.52	587.01	585.37	585.64	27.3	150	0.46	100	1.52	0.0474	1.1	1	1.22	12.9	0.011	HDPE
MH-2225	MH-2226	546.31	546.18	545.16	545.03	27.3	150	0.18	205.79	1.0596	0.0048	1	1	1	4.6	0.011	HDPE
MH-2227	MH-2228	545.61	545.47	544.29	544.32	27.3	150	0.08	1,000.00	0.4807	0.0026	1.1	1.17	1	5.8	0.011	HDPE
MH-1381	MH-173	580.38	580.33	579.23	579.18	27.4	150	0.42	566.053	0.6389	0.2904	1	1	1	46.9	0.011	HDPE
MH-981	MH-2231	583.56	584.07	581.88	581.85	27.4	150	0.32	1,000.00	0.4807	0.2346	1.8	1.53	2.07	44.7	0.011	HDPE
MH-2232	MH-2233	568.28	567.97	566.97	566.7	27.4	271	1.36	100	8.0956	1.9692	1	1.04	1	43.8	0.01	HDPE
MH-1300	MH-1251	568.97	568.47	567.59	567.32	27.4	150	1.02	100	1.52	0.7865	1.1	1.23	1	54.5	0.011	HDPE
MH-2234	MH-2235	577.49	577.84	575.08	575.05	27.4	150	0.33	1,000.00	0.4807	0.2823	2.5	2.26	2.64	52.9	0.011	HDPE
MH-2236	MH-813	562.24	561.73	560.85	560.58	27.4	150	0.5	100	1.52	0.0652	1.1	1.24	1	15.1	0.011	HDPE
MH-2237	MH-2238	547.59	547.35	546.15	545.89	27.5	150	0.84	102.736	1.4996	0.3929	1.3	1.29	1.31	41	0.011	HDPE
MH-2239	MH-2240	590	589.76	588.64	588.55	27.5	150	0.46	313.665	0.8583	0.1872	1.1	1.21	1.06	42.9	0.011	HDPE
MH-2241	MH-776	562.27	561.76	560.88	560.61	27.5	150	0.48	100	1.52	0.0564	1.1	1.24	1	14.1	0.011	HDPE
MH-1944	MH-395	577.27	577.27	576.03	575.94	27.5	217	0.8	303.628	2.5687	1.1785	1.1	1.02	1.12	47.1	0.01	HDPE
MH-2243	MH-1574	589.28	589.24	588.13	588.09	27.5	150	0.2	751.582	0.5544	0.0341	1	1	1	14.1	0.011	HDPE
MH-12	MH-2244	570.93	570.5	569.63	569.35	27.5	150	0.28	100	1.52	0.0091	1.1	1.15	1	10.3	0.011	HDPE
MH-2245	MH-2246	546.09	545.82	544.94	544.67	27.5	150	0.39	100	1.52	0.0276	1	1	1	9.8	0.011	HDPE
MH-2247	MH-702	571.69	572.26	570.54	570.51	27.5	150	0.16	1,000.00	0.4807	0.0194	1.3	1	1.6	15.9	0.011	HDPE
MH-2248	MH-1197	586.95	587.2	585.8	586.05	27.5	150	0.64	108.066	1.4622	0.1572	1	1	1	40.2	0.011	HDPE
MH-2249	MH-2158	586	586	584.73	584.7	27.5	150	0.23	1,000.00	0.4807	0.0759	1.1	1.12	1.15	32.4	0.011	HDPE
MH-1658	MH-76	589.28	589.19	588.13	588.04	19.4	150	0.49	235.177	0.9912	0.1678	1	1	1	29.6	0.011	HDPE
MH-2250	MH-2251	587.49	587.62	585.52	585.49	27.6	150	0.21	1,000.00	0.4807	0.052	1.9	1.82	1.98	23.3	0.011	HDPE
MH-2253	MH-2252	581.01	580.69	579.8	579.54	26.3	150	0.24	100	1.52	0.0057	1	1.05	1	6.3	0.011	HDPE
MH-2254	MH-2255	567.21	567.2	566.03	566.05	19.4	150	0.25	1,000.00	0.4807	0.0893	1	1.03	1	27.2	0.011	HDPE
MH-2256	MH-2257	577.63	577.31	576.44	576.16	27.6	150	0.72	100	1.52	0.2236	1	1.04	1	28	0.011	HDPE
MH-886	MH-2258	567.48	567.25	566.33	566.1	27.6	150	0.46	120.851	1.3827	0.06	1	1	1	15.8	0.011	HDPE
MH-2259	MH-2260	555.49	555.55	554.34	554.31	27.6	150	0.1	1,000.00	0.4807	0.0039	1	1	1.09	7.2	0.011	HDPE
MH-2261	MH-2262	580.24	580.25	579.09	579.06	27.6	150	0.3	1,000.00	0.4807	0.1866	1	1	1.04	42.4	0.011	HDPE
MH-2263	MH-2264	577.13	576.93	575.98	575.78	27.6	150	0.52	135.978	1.3035	0.1032	1	1	1	19.7	0.011	HDPE
MH-2265	MH-1021	582.51	581.64	580.74	580.47	27.6	175	1.03	100	2.5221	0.6352	1.3	1.59	1	38.3	0.01	HDPE
MH-2238	MH-1505	547.35	547.11	545.89	545.66	27.6	150	0.8	120.293	1.3859	0.4013	1.3	1.31	1.31	41.3	0.011	HDPE
MH-2266	MH-60	576.94	577.25	575.06	575.03	27.6	150	0.16	1,000.00	0.4807	0.0195	1.9	1.72	2.07	15	0.011	HDPE
MH-2267	MH-1488	572.54	572.25	571.38	571.1	27.7	150	0.6	100	1.52	0.1168	1	1.01	1	20.2	0.011	HDPE
MH-1122	MH-1904	581.93	581.71	580.78	580.56	27.7	150	0.29	125.64	1.3561	0.0146	1	1	1	8.7	0.011	HDPE
MH-2268	MH-2269	582.79	583.14	581.64	581.92	27.7	150	0.84	100	1.52	0.3837	1	1	1.07	37	0.011	HDPE
MH-2270	MH-1248	589.57	589.46	588.42	588.31	27.7	150	0.38	244.454	0.9722	0.0752	1	1	1	19.8	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2271	MH-2272	576.19	575.63	574.69	574.41	27.8	217	1.33	100	4.476	1.6978	1.1	1.29	1	48.1	0.01	HDPE
MH-1010	MH-358	565.99	565.38	564.5	564.23	27.8	150	0.43	100	1.52	0.0379	1.2	1.34	1	13	0.011	HDPE
MH-2273	MH-1608	544.45	544.22	543.3	543.07	27.8	150	0.41	116.643	1.4074	0.0381	1	1	1	11.8	0.011	HDPE
MH-862	MH-2274	586.11	586.23	584.35	584.32	27.8	150	0.33	1,000.00	0.4807	0.2888	1.7	1.61	1.75	46.7	0.011	HDPE
MH-2275	MH-1241	588.31	588.82	587.16	587.44	27.8	150	0.63	100	1.52	0.1363	1.1	1	1.23	21.8	0.011	HDPE
MH-2276	MH-403	573.26	572.53	571.65	571.38	27.8	150	0.24	100	1.52	0.0063	1.2	1.46	1	12.3	0.011	HDPE
MH-2277	MH-2278	569.59	569.29	568.3	568.02	27.8	271	1.35	100	8.0956	1.909	1	1.01	1	37.8	0.01	HDPE
MH-2279	MH-885	568	567.64	566.77	566.49	27.8	150	0.44	100	1.52	0.0431	1	1.08	1	14.1	0.011	HDPE
MH-2280	MH-402	573.41	572.66	571.79	571.51	27.8	150	0.23	100	1.52	0.005	1.2	1.47	1	9.1	0.011	HDPE
MH-1352	MH-2281	586.2	586.11	584.7	584.94	40.8	175	0.8	175.228	1.9053	0.5377	1.2	1.32	1	37.6	0.01	HDPE
MH-2282	MH-2283	564.1	563.58	562.69	562.41	27.8	175	1.22	100	2.5221	1.186	1.1	1.24	1	53.5	0.01	HDPE
MH-2284	MH-1615	580.72	580.5	579.57	579.35	27.8	150	0.23	125.744	1.3555	0.0066	1	1	1	6.4	0.011	HDPE
MH-2285	MH-2286	585	584.39	582.57	582.6	27.9	150	0.25	1,000.00	0.4807	0.0999	2	2.28	1.64	35.7	0.011	HDPE
MH-2287	MH-2288	589.47	589.35	588.3	588.2	27.9	150	0.52	287.856	0.8959	0.2582	1	1.03	1	42.8	0.011	HDPE
MH-826	MH-1220	553.29	553.18	552.14	552.03	27.9	150	0.47	250.38	0.9606	0.1511	1	1	1	27.8	0.011	HDPE
MH-1560	MH-2028	589.57	589.81	586.87	586.81	31.4	400	0.8	496.891	9.3247	3.33	2.5	2.3	2.6	37.7	0.011	HDPE
MH-2291	MH-2292	579.6	579.53	573.95	573.96	15.9	150	0.27	1,000.00	0.4807	0.1338	5.5	5.51	5.42	41	0.011	HDPE
MH-2293	MH-1805	548.57	548.46	546.1	546.08	27.9	150	0.29	1,000.00	0.4807	0.156	2.3	2.31	2.23	39.3	0.011	HDPE
MH-2294	MH-2295	592.03	592.32	590.88	591.16	27.9	150	0.63	100	1.52	0.1424	1	1	1	33	0.011	HDPE
MH-44	MH-1246	575.14	574.55	572.96	572.99	27.9	150	0.17	1,000.00	0.4807	0.0237	1.7	2.03	1.41	21.2	0.011	HDPE
MH-2296	MH-308	580.29	579.78	578.91	578.63	27.9	150	0.43	100	1.52	0.0387	1.1	1.23	1	11.7	0.011	HDPE
MH-2297	MH-2298	575.76	575.18	574.31	574.03	27.9	150	0.6	100	1.52	0.1163	1.1	1.3	1	20.1	0.011	HDPE
MH-2299	MH-2300	583.01	582.34	581.47	581.19	28	150	1.03	100	1.52	0.802	1.2	1.39	1	55.1	0.011	HDPE
MH-2301	MH-2272	576.34	575.63	574.76	574.48	28	150	0.81	100	1.52	0.3336	1.2	1.43	1	34.5	0.011	HDPE
MH-895	MH-830	576.09	575.65	574.78	574.5	28	150	0.67	100	1.52	0.1734	1.1	1.16	1	24.6	0.011	HDPE
MH-225	MH-1640	577.26	577.04	576.07	575.89	28	150	0.39	155.026	1.2208	0.0478	1	1.04	1	14.7	0.011	HDPE
MH-2302	MH-2303	563.38	562.84	561.97	561.69	27.6	150	0.62	100	1.52	0.1327	1.1	1.26	1	21.5	0.011	HDPE
MH-2304	MH-2305	555.41	555.48	554.26	554.24	28	150	0.1	1,000.00	0.4807	0.0041	1	1	1.1	7.3	0.011	HDPE
MH-2306	MH-2307	576.65	576.08	575.21	574.93	28	150	0.39	100	1.52	0.0281	1.1	1.29	1	10	0.011	HDPE
MH-1725	MH-1671	575.43	574.9	574.03	573.75	28	150	0.8	100	1.52	0.3157	1.1	1.25	1	33.5	0.011	HDPE
MH-2308	MH-2309	567.65	567.64	566.5	566.47	28.1	150	0.32	1,000.00	0.4807	0.2514	1	1	1.02	51.2	0.011	HDPE
MH-1306	MH-2310	577.82	577.44	575.03	574.79	28.1	150	0.8	116.14	1.4105	0.3878	2.6	2.65	2.5	40.7	0.011	HDPE
MH-176	MH-2311	579.18	578.66	576.39	576.36	28.1	150	0.3	1,000.00	0.4807	0.1916	2.4	2.65	2.15	46.1	0.011	HDPE
MH-2312	MH-2313	563.44	562.9	562.03	561.75	28.1	150	0.68	100	1.52	0.1803	1.1	1.26	1	25.1	0.011	HDPE
MH-2314	MH-1087	580.93	580.79	579.78	579.64	27.2	150	0.38	195.794	1.0863	0.0541	1	1	1	14.9	0.011	HDPE
MH-2315	MH-2316	589.17	589.09	588.02	587.94	28.2	150	0.22	356.426	0.8051	0.0188	1	1	1	13.5	0.011	HDPE
MH-2317	MH-2318	548.82	548.68	546.15	546.13	21	150	0.28	1,000.00	0.4807	0.1444	2.5	2.52	2.4	37.7	0.011	HDPE
MH-2319	MH-2320	582.34	581.78	580.39	580.18	28.2	600	2.03	131.579	53.4256	18.6457	1.2	1.36	1	45.2	0.011	HDPE
MH-2321	MH-2322	570.46	570.13	569.01	568.88	28.2	150	0.32	224.839	1.0137	0.0387	1.2	1.31	1.1	13.4	0.011	HDPE
MH-2323	MH-2143	569.49	569.69	568.34	568.54	28.2	150	0.68	141.94	1.2758	0.2828	1	1	1	34.5	0.011	HDPE
MH-676	MH-223	583.13	582.79	581.92	581.64	28.2	150	0.77	100	1.52	0.2698	1	1.06	1	30.8	0.011	HDPE
MH-2324	MH-2325	582.54	582.44	581.39	581.29	28.2	150	0.23	307.161	0.8673	0.0168	1	1	1	12	0.011	HDPE
MH-1112	MH-2328	583.46	583.33	582.31	582.18	28.2	150	0.47	221.307	1.0218	0.1288	1	1	1	26.5	0.011	HDPE
MH-2329	MH-2330	572.78	572.28	571.41	571.13	28.2	150	0.43	100	1.52	0.0376	1.1	1.22	1	11.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2052	MH-1199	581.34	581.32	579.95	579.92	28.2	150	0.15	1,000.00	0.4807	0.018	1.2	1.24	1.25	14.3	0.011	HDPE
MH-2332	MH-2333	575.76	575.48	573.98	573.78	28.3	700	1.97	144.278	76.9605	19.6603	1	1.08	1	38.1	0.011	HDPE
MH-316	MH-2334	586.05	585.64	584.78	584.49	28.3	150	0.53	100	1.52	0.0756	1.1	1.12	1	16.2	0.011	HDPE
MH-2335	MH-2336	579.11	578.91	577.96	577.76	28.3	150	0.62	143.342	1.2696	0.1991	1	1	1	27.6	0.011	HDPE
MH-2337	MH-2338	571.97	572.31	570.82	570.79	28.3	150	0.1	1,000.00	0.4807	0.0039	1.2	1	1.37	9.1	0.011	HDPE
MH-1618	MH-1046	596.64	596.22	595.36	595.07	28.3	150	1.04	100	1.52	0.8386	1.1	1.14	1	56.5	0.011	HDPE
MH-2339	MH-1337	573.63	573.17	572.31	572.02	28.3	150	0.47	100	1.52	0.0533	1.1	1.17	1	13.6	0.011	HDPE
MH-2340	MH-1903	566.92	566.61	565.75	565.46	28.3	150	0.51	100	1.52	0.0683	1	1.02	1	16.9	0.011	HDPE
MH-120	MH-2341	586.34	586.31	584.68	584.65	28.3	150	0.28	1,000.00	0.4807	0.1512	1.5	1.52	1.51	44.8	0.011	HDPE
MH-2342	MH-2343	576.69	576.32	575.45	575.17	28.4	150	0.74	100	1.52	0.2371	1	1.09	1	40.9	0.011	HDPE
MH-267	MH-2344	578.62	577.99	577.12	576.84	28.4	150	1.05	100	1.52	0.8956	1.2	1.35	1	58.6	0.011	HDPE
MH-2347	MH-1366	589.1	589.04	587.95	587.89	28	150	0.39	529.301	0.6607	0.2027	1	1	1	43.4	0.011	HDPE
MH-925	MH-2348	567.73	567.4	566.53	566.25	28.4	150	0.33	100	1.52	0.0171	1	1.04	1	7.8	0.011	HDPE
MH-2349	MH-777	562.3	561.77	560.9	560.62	28.4	150	0.48	100	1.52	0.0546	1.1	1.25	1	13.8	0.011	HDPE
MH-2350	MH-208	568.78	569.36	566.59	566.74	29.1	175	0.8	207.166	1.7523	0.6696	2.2	2.01	2.45	44.7	0.01	HDPE
MH-1601	MH-785	582.05	582.03	580.89	580.86	28.5	150	0.23	1,000.00	0.4807	0.0763	1	1.01	1.02	32.4	0.011	HDPE
MH-1547	MH-507	589.23	589.18	587.16	587.07	28.5	217	0.8	298.665	2.59	1.1487	1.9	1.85	1.9	47.3	0.01	HDPE
MH-2351	MH-1573	589.28	589.31	588.01	587.98	28.5	150	0.21	1,000.00	0.4807	0.0536	1.1	1.12	1.17	18.5	0.011	HDPE
MH-988	MH-1158	583.88	583.58	582.41	582.38	28.5	150	0.33	1,000.00	0.4807	0.2887	1.2	1.32	1.05	45.1	0.011	HDPE
MH-2352	MH-253	570.96	570.37	569.5	569.22	28.5	150	1.2	100	1.672	1.158	1.2	1.3	1	75.6	0.01	HDPE
MH-2000	MH-580	555.83	555.75	554.68	554.42	28.5	150	0.46	106.927	1.47	0.0515	1.1	1	1.18	19.3	0.011	HDPE
MH-2353	MH-2354	579.67	579.72	578.52	578.49	28.5	150	0.13	1,000.00	0.4807	0.0106	1	1	1.08	11.6	0.011	HDPE
MH-2137	MH-715	544.71	544.67	543.56	543.52	28.8	150	0.12	648.372	0.5969	0.0046	1	1	1	7.8	0.011	HDPE
MH-2355	MH-2356	589.13	588.85	587.98	587.7	28.5	150	0.27	102.561	1.5009	0.0084	1	1	1	9	0.011	HDPE
MH-2358	MH-2080	588.51	588.32	586.61	586.42	28.5	450	1.6	151.533	23.1164	8.9779	1.4	1.45	1.45	52.9	0.011	HDPE
MH-2361	MH-2362	577.94	577.75	576.77	576.57	28.6	175	0.97	146.833	2.0814	0.8512	1	1	1	50.2	0.01	HDPE
MH-2363	MH-2364	543.99	545.42	542.84	543.13	28.6	150	0.59	100	1.52	0.1117	1.6	1	2.14	22.2	0.011	HDPE
MH-2365	MH-2366	580.22	579.58	578.72	578.43	28.6	150	0.31	100	1.52	0.0137	1.2	1.35	1	7	0.011	HDPE
MH-2367	MH-2368	561.95	561.8	560.73	560.58	29.5	217	1.15	195.718	3.1995	2.7304	1	1	1	69.5	0.01	HDPE
MH-61	MH-741	577.29	577.32	575.03	575	28.6	150	0.18	1,000.00	0.4807	0.0339	2.1	2.11	2.17	26.1	0.011	HDPE
MH-2054	MH-2369	574.24	574.28	571.95	571.83	28.7	217	0.8	234.97	2.92	0.8322	2.2	2.08	2.24	42.8	0.01	HDPE
MH-2370	MH-1679	570.98	570.74	569.83	569.59	28.7	150	0.51	121.016	1.3817	0.0878	1	1	1	17.8	0.011	HDPE
MH-2371	MH-1438	555.16	555.27	553.98	553.86	28.7	175	0.8	226.818	1.6747	0.7605	1.1	1	1.24	47.2	0.01	HDPE
MH-2372	MH-262	583.5	583.36	582.35	582.21	28.7	150	0.38	199.924	1.075	0.0576	1	1	1	16.4	0.011	HDPE
MH-2257	MH-2373	577.31	576.97	576.11	575.82	28.7	150	0.74	100	1.52	0.2447	1	1.06	1	29.4	0.011	HDPE
MH-2374	MH-1739	583.57	583.98	582.07	582.04	28.7	150	0.17	1,000.00	0.4807	0.028	1.6	1.35	1.79	16.9	0.011	HDPE
MH-2375	MH-2376	569.9	569.4	568.54	568.25	28.8	150	0.74	100	1.52	0.2489	1.1	1.21	1	32.3	0.011	HDPE
MH-2377	MH-2021	571.1	571.03	569.95	569.88	29.2	150	0.3	413.284	0.7477	0.0626	1	1	1	17.6	0.011	HDPE
MH-2378	MH-2379	570.75	570.82	568.6	568.37	27.7	150	0.8	123.113	1.3699	0.4154	2.2	2	2.3	39.7	0.011	HDPE
MH-2008	MH-2381	581.31	581.12	580.16	579.97	28.8	150	0.35	147.617	1.2511	0.0296	1	1	1	11.9	0.011	HDPE
MH-2078	MH-63	589.53	589.55	587.96	587.93	28.8	150	0.23	1,000.00	0.4807	0.0729	1.4	1.42	1.46	21.6	0.011	HDPE
MH-2382	MH-2383	550.63	550.57	549.44	549.34	28.8	150	0.31	274.303	0.9178	0.0399	1.1	1.04	1.08	32	0.011	HDPE
MH-2384	MH-2385	588.02	588.67	586.87	587.16	28.8	150	0.31	100	1.52	0.013	1.2	1	1.36	6.8	0.011	HDPE
MH-651	MH-2386	567.39	567.58	566.24	566.21	28.8	150	0.16	1,000.00	0.4807	0.0199	1.1	1	1.21	15.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1616	MH-883	580.35	580.2	579.2	579.05	28.8	150	0.29	192.227	1.0963	0.0227	1	1	1	10.2	0.011	HDPE
MH-2387	MH-2388	578.05	577.25	573.9	573.88	28.9	150	0.31	1,000.00	0.4807	0.2103	3.6	3.99	3.22	46.6	0.011	HDPE
MH-2389	MH-1463	588.72	588.65	587.57	587.5	28.9	150	0.27	413.657	0.7474	0.0409	1	1	1	14.2	0.011	HDPE
MH-1886	MH-1801	581.34	581.68	579.93	579.9	28.9	150	0.15	1,000.00	0.4807	0.017	1.4	1.26	1.63	16.6	0.011	HDPE
MH-2394	MH-2393	548.1	547.01	546.15	545.86	28.9	150	0.31	100	1.52	0.0138	1.4	1.8	1	7	0.011	HDPE
MH-2395	MH-1208	581.75	581.44	580.13	579.84	28.9	600	2.06	100	61.2834	13.915	1	1.02	1	37.5	0.011	HDPE
MH-2396	MH-2397	585.54	585.31	584.39	584.16	28.9	150	0.97	123.707	1.3666	0.9062	1	1	1	64.9	0.011	HDPE
MH-547	MH-2398	579.78	579.82	578.63	578.67	28.9	150	0.21	655.269	0.5938	0.0339	1	1	1	21.6	0.011	HDPE
MH-2399	MH-2400	579.09	579.74	577.94	577.91	28.9	150	0.13	1,000.00	0.4807	0.0102	1.3	1	1.68	35.5	0.011	HDPE
MH-2401	MH-2189	547.78	547.66	546.63	546.51	28.9	150	0.24	253.156	0.9553	0.0159	1	1	1	9.6	0.011	HDPE
MH-707	MH-2404	584.41	584.15	583.26	583	29	150	0.5	112.022	1.4361	0.0732	1	1	1	16.2	0.011	HDPE
MH-2405	MH-1003	569.51	569.77	568.36	568.33	29	150	0.12	1,000.00	0.4807	0.0075	1.1	1	1.29	10	0.011	HDPE
MH-2407	MH-2408	583.54	583.27	582.39	582.12	29	150	0.33	109.438	1.453	0.017	1	1	1	11.2	0.011	HDPE
MH-2409	MH-1149	573.33	573.2	571.76	571.53	29	150	0.8	126.555	1.3512	0.4302	1.5	1.42	1.52	43.9	0.011	HDPE
MH-2411	MH-2410	546	545.71	544.85	544.56	29	150	0.26	101.219	1.5108	0.0074	1	1	1	5.9	0.011	HDPE
MH-2318	MH-2293	548.68	548.57	546.13	546.1	23.6	150	0.28	1,000.00	0.4807	0.1506	2.4	2.4	2.31	38.5	0.011	HDPE
MH-1279	MH-895	576.56	576.09	575.23	574.94	29	150	0.6	100	1.52	0.1162	1.1	1.18	1	20.1	0.011	HDPE
MH-2416	MH-1559	582.37	582.93	581.22	581.19	29.1	150	0.13	1,000.00	0.4807	0.0097	1.3	1	1.59	33.5	0.011	HDPE
MH-2417	MH-2418	570.61	570	569.14	568.85	29.1	150	0.49	100	1.52	0.0578	1.2	1.32	1	14.2	0.011	HDPE
MH-2419	MH-2420	568.4	568.55	567.25	567.22	29.1	150	0.2	1,000.00	0.4807	0.0435	1.1	1	1.18	22.9	0.011	HDPE
MH-2421	MH-849	578.8	578.34	577.48	577.19	29.1	150	0.45	100	1.52	0.0439	1.1	1.16	1	12.4	0.011	HDPE
MH-2422	MH-710	571.32	570.82	569.96	569.67	29.1	150	0.52	100	1.52	0.0728	1.1	1.22	1	17.6	0.011	HDPE
MH-2423	MH-2424	596.86	596.52	595.64	595.35	29.1	175	1.39	100	2.5221	2.145	1	1.05	1	74.8	0.01	HDPE
MH-1210	MH-508	555.97	555.87	554.51	554.48	29.1	150	0.16	1,000.00	0.4807	0.0189	1.3	1.3	1.24	29.1	0.011	HDPE
MH-2425	MH-2426	549.66	549.85	548.51	548.48	29.1	150	0.16	1,000.00	0.4807	0.0215	1.1	1	1.22	20.1	0.011	HDPE
MH-2427	MH-800	583.03	582.56	581.7	581.41	29.2	150	0.94	100	1.52	0.5658	1.1	1.18	1	45.5	0.011	HDPE
MH-2428	MH-2167	589.66	589.86	587.91	588.18	29.2	150	0.8	106.101	1.4757	0.3413	1.6	1.61	1.53	38.9	0.011	HDPE
MH-2430	MH-2431	589.14	589.17	587.99	587.96	29.2	150	0.13	1,000.00	0.4807	0.0096	1	1	1.06	12.7	0.011	HDPE
MH-2432	MH-1597	566.24	565.98	565.09	564.83	29.2	150	0.56	112.353	1.434	0.1085	1	1	1	22	0.011	HDPE
MH-2433	MH-2434	593.59	593.32	591.28	591.24	29.2	450	0.8	822.915	9.9196	7.1573	1.7	1.86	1.63	60.7	0.011	HDPE
MH-2435	MH-2266	576.24	576.94	575.09	575.06	29.2	150	0.12	1,000.00	0.4807	0.0077	1.4	1	1.72	11.2	0.011	HDPE
MH-2400	MH-2436	579.74	579.59	577.91	577.89	29.2	150	0.29	1,000.00	0.4807	0.1689	1.6	1.68	1.55	50.5	0.011	HDPE
MH-2437	MH-2438	585.07	584.63	583.77	583.48	29.3	150	0.46	100	1.52	0.0487	1.1	1.15	1	13.1	0.011	HDPE
MH-960	MH-2439	578.22	578.15	577.07	577	29.3	150	0.26	466.805	0.7035	0.0419	1	1	1	18.2	0.011	HDPE
MH-2440	MH-2095	593.43	593.62	591.79	591.52	29.3	150	0.8	108.911	1.4565	0.3536	1.7	1.49	1.95	40.4	0.011	HDPE
MH-2442	MH-1171	589.38	589.37	588.23	588.03	29.3	150	0.34	143.277	1.2699	0.0271	1.1	1	1.2	26.5	0.011	HDPE
MH-2443	MH-1738	585.76	586.29	583.44	583.41	29.3	150	0.26	1,000.00	0.4807	0.1116	2.5	2.18	2.73	33.9	0.011	HDPE
MH-553	MH-1441	575.09	574.55	573.69	573.4	29.3	150	0.53	100	1.52	0.0761	1.1	1.25	1	16.3	0.011	HDPE
MH-1450	MH-885	568.15	567.64	566.78	566.49	29.3	150	0.3	100	1.52	0.0114	1.1	1.22	1	10.9	0.011	HDPE
MH-2099	MH-468	567.15	567.3	565.83	565.8	29.3	150	0.1	1,000.00	0.4807	0.0047	1.3	1.17	1.35	10.3	0.011	HDPE
MH-2444	MH-2445	580.01	580.63	578.65	578.62	29.3	150	0.27	1,000.00	0.4807	0.1208	1.5	1.21	1.86	34.4	0.011	HDPE
MH-2446	MH-601	576.09	575.52	574.66	574.37	29.4	150	0.44	100	1.52	0.043	1.1	1.28	1	12.3	0.011	HDPE
MH-2447	MH-2448	589.48	589.09	588.23	587.94	29.4	150	0.7	100	1.52	0.195	1.1	1.1	1	26.1	0.011	HDPE
MH-2449	MH-1339	590.4	589.72	588.87	588.57	29.4	150	0.38	100	1.52	0.027	1.2	1.38	1	9.8	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2450	MH-1491	583.14	583.67	581.65	581.62	29.4	150	0.15	1,000.00	0.4807	0.017	1.6	1.33	1.9	19.4	0.011	HDPE
MH-2451	MH-2452	545.73	546.04	544.63	544.67	29.4	150	0.38	750	0.5678	0.2993	1.1	0.95	1.22	43.4	0.011	HDPE
MH-2453	MH-1976	580.43	580.06	579.21	578.91	29.4	150	0.45	100	1.52	0.045	1	1.07	1	12.6	0.011	HDPE
MH-2454	MH-2455	570.73	570.46	569.58	569.31	29.4	150	0.31	108.61	1.4585	0.014	1	1	1	7.2	0.011	HDPE
MH-2456	MH-1860	590.08	590.97	588.93	589.22	29.4	150	0.62	100	1.52	0.1337	1.3	1	1.6	21.6	0.011	HDPE
MH-2457	MH-1828	586	586.05	584.84	584.71	29.4	150	0.42	229.525	1.0033	0.0916	1.1	1.01	1.2	22.5	0.011	HDPE
MH-2458	MH-861	585.9	586.06	584.4	584.37	29.4	150	0.29	1,000.00	0.4807	0.1731	1.5	1.36	1.54	48.6	0.011	HDPE
MH-2460	MH-2459	544.16	544.36	543.01	543.21	29.5	150	0.18	141.846	1.2763	0.0032	1	1	1	10.6	0.011	HDPE
MH-1817	MH-2351	589.24	589.28	588.04	588.01	29.5	150	0.19	1,000.00	0.4807	0.0343	1.1	1.05	1.12	20.1	0.011	HDPE
MH-2168	MH-2461	590.05	590.6	588.35	588.38	29.5	150	0.29	1,000.00	0.4807	0.1677	1.8	1.55	2.07	42	0.011	HDPE
MH-1932	MH-2462	571.76	571.58	570.61	570.43	29.5	150	0.99	160.664	1.3191	1.1173	1	1	1	71	0.01	HDPE
MH-2463	MH-2464	581.66	581.65	580.51	580.48	29.5	150	0.1	1,000.00	0.4807	0.0045	1	1	1.02	6.6	0.011	HDPE
MH-2465	MH-2466	589.34	589.33	588.19	588.16	29.5	150	0.18	1,000.00	0.4807	0.0317	1	1	1.03	18.8	0.011	HDPE
MH-2467	MH-1357	581.35	581.2	580.2	580.05	29.5	150	0.37	204.648	1.0625	0.0557	1	1	1	17.8	0.011	HDPE
MH-2031	MH-2468	579	578.8	576.82	576.72	29.5	217	0.8	299.388	2.5869	1.1532	1.9	1.96	1.86	46.5	0.01	HDPE
MH-2469	MH-2470	549.96	549.11	547.69	547.53	29.5	150	0.36	185.563	1.1158	0.0444	1.8	2.12	1.43	13.6	0.011	HDPE
MH-2471	MH-1395	580.6	580.33	579.45	579.18	29.5	150	0.25	110.239	1.4477	0.0069	1	1	1.01	6.5	0.011	HDPE
MH-2472	MH-619	567.4	567.23	566.25	566.08	29.6	150	0.59	170.986	1.1624	0.2098	1	1	1	28.9	0.011	HDPE
MH-2138	MH-2473	581.32	581.76	579.85	579.82	29.5	150	0.17	1,000.00	0.4807	0.0246	1.5	1.31	1.78	16.5	0.011	HDPE
MH-2452	MH-2474	546.04	546.38	544.67	544.71	29.5	150	0.38	750	0.5678	0.2969	1.4	1.22	1.52	51.4	0.011	HDPE
MH-1087	MH-230	580.79	580.16	579.28	578.99	29.6	175	1.23	100	2.2928	1.6796	1.2	1.34	1	66.8	0.011	HDPE
MH-2126	MH-1876	586.74	586.44	585.59	585.29	29.6	150	0.86	100	1.52	0.4083	1	1	1	38.3	0.011	HDPE
MH-2475	MH-2476	579.43	579.18	578.28	578.03	29.6	150	0.36	117.917	1.3998	0.0266	1	1	1	9.9	0.011	HDPE
MH-2479	MH-2480	589.83	589.76	588.68	588.61	29.6	150	0.3	443.999	0.7214	0.0699	1	1	1	18.8	0.011	HDPE
MH-2481	MH-2482	583.68	582.63	581.77	581.48	29.6	150	0.4	100	1.52	0.0295	1.4	1.76	1	10.2	0.011	HDPE
MH-2483	MH-2484	588.52	588.28	587.37	587.13	29.6	150	0.38	119.694	1.3894	0.0326	1	1	1	13.2	0.011	HDPE
MH-2059	MH-2485	584.77	584.63	583.59	583.45	29.6	175	0.94	213.959	1.7243	1.4133	1	1	1	66.4	0.01	HDPE
MH-2040	MH-1806	588.31	588.51	586.95	586.92	29.6	150	0.19	1,000.00	0.4807	0.0357	1.3	1.2	1.43	16.5	0.011	HDPE
MH-1850	MH-2486	574.67	574.15	572.95	572.69	29.6	150	0.62	112.689	1.4319	0.1482	1.4	1.57	1.31	25.1	0.011	HDPE
MH-310	MH-2487	577.87	578.68	576.72	576.93	20.8	150	0.47	100	1.52	0.0512	1.3	1	1.6	13.4	0.011	HDPE
MH-2488	MH-2489	587.4	587.17	586.09	585.99	29.1	175	0.8	286.853	1.4891	1.1268	1.1	1.13	1	60.9	0.01	HDPE
MH-2362	MH-1943	577.75	577.45	576.57	576.27	29.7	175	1.12	100	2.5221	0.8704	1	1	1	45.2	0.01	HDPE
MH-32	MH-1043	597.52	596.99	596.13	595.84	29.7	150	0.87	100	1.52	0.429	1.1	1.24	1	39.3	0.011	HDPE
MH-1877	MH-2490	586.18	585.88	585.03	584.73	29.7	150	1.06	100	1.672	0.6922	1	1	1	49.5	0.01	HDPE
MH-2491	MH-2492	572.28	571.99	571.13	570.84	29.7	150	0.35	105.054	1.483	0.0206	1	1	1	13.6	0.011	HDPE
MH-2493	MH-2494	596.15	596.36	594.17	594.28	29.7	217	0.8	263.442	2.7577	0.9702	1.8	1.76	1.87	42.3	0.01	HDPE
MH-2495	MH-1981	550.22	550.23	549.07	549.04	29.7	150	0.14	1,000.00	0.4807	0.0141	1	1	1.03	12	0.011	HDPE
MH-2184	MH-2498	589.83	589.72	588.68	588.57	29.8	150	0.45	265.543	0.9328	0.1428	1	1	1	30.1	0.011	HDPE
MH-1313	MH-2499	587.51	587.24	585.66	585.53	29.8	175	0.8	226.324	1.6765	0.7581	1.6	1.67	1.54	46.8	0.01	HDPE
MH-2500	MH-2501	572.19	571.77	570.92	570.62	29.8	150	0.49	100	1.52	0.0585	1.1	1.12	1	14.3	0.011	HDPE
MH-2502	MH-2503	556.35	556.21	554.85	554.71	29.8	500	1.53	205.456	26.2926	11.614	1	1	1	54.4	0.011	HDPE
MH-2035	MH-1238	584.42	584.25	583.27	583.1	29.8	150	0.44	177.898	1.1396	0.0789	1	1	1	18.3	0.011	HDPE
MH-2504	MH-2505	572.6	571.94	571.08	570.79	29.8	150	0.83	100	1.52	0.3596	1.2	1.37	1	35.8	0.011	HDPE
MH-517	MH-1084	570.76	570.35	569.5	569.2	29.8	150	0.7	100	1.52	0.1971	1.1	1.11	1	26.3	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2506	MH-1496	585.88	585.73	584.73	584.58	29.8	150	0.19	198.861	1.0779	0.0061	1	1	1	6.6	0.011	HDPE
MH-869	MH-2507	576.47	575.92	575.07	574.77	30	150	0.42	100	1.52	0.0345	1.1	1.26	1	11	0.011	HDPE
MH-2508	MH-1610	571.51	571.59	570.36	570.33	29.8	150	0.14	1,000.00	0.4807	0.0141	1.1	1	1.11	14.9	0.011	HDPE
MH-2509	MH-845	545	544.85	543.85	543.7	29.9	150	0.26	203.576	1.0653	0.016	1	1	1	8.4	0.011	HDPE
MH-2341	MH-1456	586.31	586.32	584.65	584.62	29.9	150	0.32	1,000.00	0.4807	0.2297	1.5	1.51	1.55	50.9	0.011	HDPE
MH-2510	MH-2511	567.65	567.42	566.5	566.27	29.9	150	0.87	133.898	1.3136	0.6279	1	1	1	52.8	0.011	HDPE
MH-2512	MH-2513	546.77	546.56	545.62	545.36	29.9	150	0.15	112.514	1.433	0.0012	1	1	1.06	2.8	0.011	HDPE
MH-2514	MH-2515	589.79	589.91	588.64	588.61	29.9	150	0.25	1,000.00	0.4807	0.0969	1.1	1	1.14	37.5	0.011	HDPE
MH-1752	MH-2306	577.24	576.65	575.8	575.5	29.9	150	0.36	100	1.52	0.0203	1.1	1.29	1	8.5	0.011	HDPE
MH-2516	MH-2517	589.14	589.01	587.99	587.86	29.9	150	0.5	225.217	1.0129	0.1695	1	1	1	28.5	0.011	HDPE
MH-2518	MH-1894	578.57	580.17	577.42	577.72	29.9	150	0.52	100	1.52	0.0717	1.6	1	2.3	15.8	0.011	HDPE
MH-2519	MH-1026	572.28	572.61	570.77	570.74	29.9	150	0.23	1,000.00	0.4807	0.0726	1.5	1.36	1.73	31.2	0.011	HDPE
MH-2520	MH-2521	599.14	599.74	597.99	598.29	29.9	150	1.08	100	1.52	0.995	1.2	1	1.3	62.2	0.011	HDPE
MH-2522	MH-2523	575.66	575.07	573.04	573.07	29.9	150	0.26	1,000.00	0.4807	0.1107	2.2	2.48	1.85	33.1	0.011	HDPE
MH-2524	MH-2525	583.23	582.9	581.74	581.75	16.2	150	0.12	1,000.00	0.4807	0.0069	1.2	1.34	1	10.5	0.011	HDPE
MH-721	MH-2526	544.07	543.97	542.6	542.57	29.9	150	0.26	1,000.00	0.4807	0.1064	1.3	1.32	1.24	34.3	0.011	HDPE
MH-2527	MH-2528	593.03	592.5	591.64	591.35	29.9	150	0.38	100	1.52	0.0256	1.1	1.24	1	9.5	0.011	HDPE
MH-2529	MH-1539	578.7	578.6	577.55	577.45	29.9	150	0.26	310.925	0.862	0.0273	1	1	1	13.4	0.011	HDPE
MH-2530	MH-2531	586.91	586.97	584.97	585.03	29.9	400	0.8	491.329	9.3774	3.277	1.5	1.54	1.54	40.5	0.011	HDPE
MH-2533	MH-2534	589.49	589.39	587.7	587.56	29.9	175	0.8	217.986	1.7083	0.7169	1.6	1.62	1.65	46.5	0.01	HDPE
MH-2535	MH-2536	581.9	581.24	580.39	580.09	30	150	0.33	100	1.52	0.0169	1.2	1.37	1	7.8	0.011	HDPE
MH-2521	MH-2537	599.74	600.38	598.59	598.89	30	150	1.07	100	1.52	0.9543	1.2	1	1.34	60.7	0.011	HDPE
MH-2538	MH-2539	589.36	588.71	587.85	587.56	30	150	0.74	100	1.52	0.2472	1.2	1.36	1	29.5	0.011	HDPE
MH-2540	MH-2541	589.25	589.21	588.1	588.06	30	150	0.16	811.603	0.5336	0.0179	1	1	1	14.6	0.011	HDPE
MH-2542	MH-1007	567.96	568.25	566.81	566.78	30	150	0.21	1,000.00	0.4807	0.0512	1.2	1	1.31	22.8	0.011	HDPE
MH-1669	MH-2533	589.57	589.49	587.84	587.7	30	175	0.8	207.85	1.7494	0.6723	1.6	1.55	1.62	44.9	0.01	HDPE
MH-2543	MH-2387	579.31	578.05	573.93	573.9	30	150	0.31	1,000.00	0.4807	0.2044	4.6	5.23	3.99	45.5	0.011	HDPE
MH-2544	MH-1784	546.01	546	544.82	544.85	30	150	0.18	1,000.00	0.4807	0.0284	1	1.04	1	17.3	0.011	HDPE
MH-2545	MH-2546	586.26	584.87	584.02	583.72	30	150	0.86	100	1.52	0.412	1.5	2.09	1	38.5	0.011	HDPE
MH-2547	MH-1446	588.42	588.7	586.92	586.68	30	150	0.39	122.243	1.3748	0.0352	1.6	1.35	1.87	11.4	0.011	HDPE
MH-887	MH-920	583.33	584.12	582.18	582.48	30	150	0.62	100	1.52	0.1298	1.2	1	1.49	21.3	0.011	HDPE
MH-2548	MH-2549	581.68	581.54	579.79	579.76	30	150	0.2	1,000.00	0.4807	0.0441	1.7	1.73	1.63	17.4	0.011	HDPE
MH-2295	MH-2550	592.32	592.56	591.16	591.41	30	150	0.52	122.666	1.3724	0.0928	1	1	1	21.8	0.011	HDPE
MH-2551	MH-2552	582.76	582.19	581.09	580.79	30	400	1.75	100	20.7858	6.846	1.1	1.28	1	44.7	0.011	HDPE
MH-2553	MH-1186	586.06	585.86	583.13	583.1	30	700	0.97	1,000.00	29.2326	20.1653	2.1	2.22	2.06	58.1	0.011	HDPE
MH-2554	MH-2555	586.61	586.27	585.42	585.12	30	150	0.41	100	1.52	0.034	1	1.04	1	15.2	0.011	HDPE
MH-2556	MH-2557	570.77	570.49	569.62	569.34	30	150	0.36	103.642	1.4931	0.0215	1	1	1	8.8	0.011	HDPE
MH-2558	MH-1965	591.92	591.4	590.55	590.25	30	150	1.11	100	1.52	1.146	1.1	1.22	1	67.5	0.011	HDPE
MH-2559	MH-2560	589.64	589.54	588.49	588.39	30	150	0.44	298.704	0.8795	0.1537	1	1	1	33.9	0.011	HDPE
MH-2561	MH-312	566.74	566.75	565.47	565.44	30	150	0.21	1,000.00	0.4807	0.0555	1.1	1.11	1.16	25.3	0.011	HDPE
MH-534	MH-1791	583.92	583.85	582.63	582.46	30	175	0.8	179	1.8851	0.5472	1.2	1.12	1.22	40.2	0.01	HDPE
MH-2562	MH-2563	589.65	589.6	588.5	588.45	30	150	0.15	597.408	0.6219	0.0083	1	1	1	12.4	0.011	HDPE
MH-2564	MH-2015	588.35	587.16	586.31	586.01	30	150	0.42	100	1.52	0.0355	1.4	1.89	1	19	0.011	HDPE
MH-1760	MH-2565	563.83	563.28	562.36	562.06	30	217	1.47	100	4.476	2.5706	1.1	1.25	1	60.4	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2566	MH-2567	589.85	589.68	588.7	588.53	30	150	0.52	175.708	1.1467	0.137	1	1	1	32.4	0.011	HDPE
MH-2569	MH-1713	589.22	589.18	588.07	588.03	30	150	0.23	746.76	0.5562	0.0475	1	1	1	19.9	0.011	HDPE
MH-2570	MH-2571	584.74	585.24	583.59	583.89	30	150	0.67	100	1.52	0.172	1.1	1	1.2	24.5	0.011	HDPE
MH-2572	MH-1040	568.12	567.97	566.97	566.82	30	150	0.28	198.861	1.0779	0.0204	1	1	1	11.2	0.011	HDPE
MH-2132	MH-2573	578.59	578.2	577.35	577.05	30	150	0.33	100	1.52	0.0171	1	1.09	1	7.8	0.011	HDPE
MH-2574	MH-2081	585.32	585.15	584.17	584	30	150	0.45	170.403	1.1644	0.0842	1	1	1	19.7	0.011	HDPE
MH-2575	MH-2576	588.23	588.05	587.08	586.9	30	150	0.86	167.367	1.2924	0.6291	1	1	1	52.7	0.01	HDPE
MH-2577	MH-2578	580.56	580.12	579.27	578.97	30	150	0.47	100	1.52	0.0526	1.1	1.15	1	13.5	0.011	HDPE
MH-2130	MH-2579	586.45	586.5	585.02	584.99	30	150	0.2	1,000.00	0.4807	0.0479	1.3	1.27	1.36	23.3	0.011	HDPE
MH-2580	MH-2581	570.74	570.42	569.57	569.27	30	150	0.94	100	1.52	0.5645	1	1.02	1	45.5	0.011	HDPE
MH-2582	MH-2105	569.24	568.92	568.07	567.77	30	150	0.5	100	1.52	0.0651	1	1.02	1	15.1	0.011	HDPE
MH-2583	MH-1455	569.61	569.24	568.38	568.09	30	150	0.57	100	1.52	0.0962	1	1.08	1	18.3	0.011	HDPE
MH-2584	MH-2585	586.36	586.2	583.94	583.97	30	600	0.9	1,000.00	19.3795	15.4789	1.7	1.82	1.62	66.9	0.011	HDPE
MH-2142	MH-2586	588.28	588.09	587.11	586.94	30	150	0.39	176.008	1.1457	0.0521	1	1.02	1	15.7	0.011	HDPE
MH-2587	MH-2588	580.59	580.33	579.44	579.18	30	150	0.99	116.091	1.5518	0.6641	1	1	1	55.7	0.01	HDPE
MH-2589	MH-2590	568	567.79	566.62	566.59	30	150	0.3	1,000.00	0.4807	0.1773	1.1	1.23	1.05	34.8	0.011	HDPE
MH-2591	MH-1025	572.64	572.64	571.49	571.46	30	150	0.19	1,000.00	0.4807	0.0366	1	1.01	1.03	19.7	0.011	HDPE
MH-2205	MH-2592	575.64	575.14	573.77	573.53	30	150	0.8	125.14	1.3588	0.4244	1.6	1.72	1.45	42.6	0.011	HDPE
MH-2593	MH-1682	570.89	570.51	569.66	569.36	30	150	0.2	100	1.52	0.0033	1	1.08	1	3.5	0.011	HDPE
MH-2594	MH-1376	588.75	588.68	587.04	586.86	30	150	0.8	169.485	1.2843	0.4949	1.6	1.56	1.67	46.4	0.01	HDPE
MH-2595	MH-2596	587.5	587.26	586.35	586.11	30	150	0.55	128.114	1.3429	0.1174	1	1	1	28.7	0.011	HDPE
MH-423	MH-2597	588.67	588.18	587.32	587.03	30	150	0.97	100	1.672	0.4932	1.1	1.19	1	41.3	0.01	HDPE
MH-2598	MH-2599	564.78	564.82	563.63	563.6	30	150	0.15	1,000.00	0.4807	0.0176	1	1	1.07	17.8	0.011	HDPE
MH-2601	MH-2600	583.02	582.61	581.76	581.46	30	150	0.38	100	1.52	0.0268	1.1	1.11	1	9.8	0.011	HDPE
MH-2602	MH-752	570.05	569.51	568.66	568.36	30	150	0.46	100	1.52	0.0474	1.1	1.24	1	12.9	0.011	HDPE
MH-2603	MH-2604	587.5	587.4	586.35	586.25	30	150	0.37	298.704	0.8795	0.0831	1	1	1	20.4	0.011	HDPE
MH-2605	MH-2606	585.86	585.34	584.37	584.07	30	271	1.43	100	8.0956	2.3266	1.1	1.23	1	42	0.01	HDPE
MH-2607	MH-252	571.04	570.47	569.62	569.32	30	150	0.75	100	1.52	0.2497	1.1	1.27	1	35.3	0.011	HDPE
MH-2608	MH-2609	569.84	570.04	568.69	568.89	30	150	0.51	153.705	1.226	0.1105	1	1	1	23.2	0.011	HDPE
MH-560	MH-2610	580.83	581.23	579.68	579.98	30	150	0.48	100	1.52	0.0541	1	1	1.09	13.7	0.011	HDPE
MH-2611	MH-1621	589.45	589.42	588.29	588.01	30	150	0.8	106.615	1.4721	0.3438	1.1	1.01	1.26	38.8	0.011	HDPE
MH-2612	MH-440	588.5	588.25	587.35	587.1	30	150	0.47	119.017	1.3933	0.0637	1	1	1	16.8	0.011	HDPE
MH-1572	MH-2613	574.35	573.95	573.1	572.8	30	150	0.72	100	1.52	0.2242	1	1.09	1	28.1	0.011	HDPE
MH-2614	MH-2615	566.32	565.96	565.11	564.81	30	150	0.87	100	1.52	0.4299	1	1.06	1	39.3	0.011	HDPE
MH-2616	MH-2617	567.58	567.08	566.23	565.93	30	150	0.36	100	1.52	0.0203	1.1	1.21	1	10	0.011	HDPE
MH-2618	MH-958	569.95	569.44	568.59	568.29	30	150	0.5	100	1.52	0.0643	1.1	1.21	1	15	0.011	HDPE
MH-2619	MH-2620	572.82	573.19	571.67	571.97	30	150	0.27	100	1.52	0.0086	1	1	1.06	5.6	0.011	HDPE
MH-2621	MH-1901	586.34	586.27	585.19	585.12	30	150	0.2	431.567	0.7317	0.0177	1	1	1	13.6	0.011	HDPE
MH-609	MH-2622	585.6	586	582.54	582.51	30	150	0.33	1,000.00	0.4807	0.2781	3.1	2.91	3.34	54.5	0.011	HDPE
MH-2624	MH-1811	586.89	586.65	585.74	585.5	30	150	0.5	123.554	1.3675	0.0818	1	1	1	18.7	0.011	HDPE
MH-1705	MH-816	586.7	586	584.75	584.59	30	175	0.8	189.743	1.831	0.5921	1.5	1.77	1.23	41.6	0.01	HDPE
MH-2625	MH-2200	574.3	574.76	571.44	571.41	30	150	0.24	1,000.00	0.4807	0.0888	3	2.7	3.2	29.8	0.011	HDPE
MH-2626	MH-1027	567.64	567.33	566.41	566.11	30	217	1.45	100	4.476	2.4336	1	1.01	1	65.7	0.01	HDPE
MH-2627	MH-2628	581.52	581.94	580.37	580.67	30	150	0.52	100	1.52	0.0743	1.1	1	1.12	16.1	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2629	MH-2630	565.89	566.2	564.34	564.23	30	217	0.8	262.846	2.7608	0.9671	1.5	1.33	1.76	40.5	0.01	HDPE
MH-2631	MH-2619	572.46	572.82	571.31	571.61	30	150	0.31	100	1.52	0.0139	1	1	1.06	7.1	0.011	HDPE
MH-2632	MH-608	585.29	585.51	583.87	583.84	30	150	0.27	1,000.00	0.4807	0.1288	1.4	1.27	1.52	35.4	0.011	HDPE
MH-1141	MH-2083	586.36	585.73	584.88	584.58	30	150	0.59	100	1.52	0.1119	1.2	1.33	1	19.8	0.011	HDPE
MH-1078	MH-2067	587.83	587.57	586.29	586.07	30	500	1.66	136.029	32.313	9.1084	1	1.03	1	43.7	0.011	HDPE
MH-634	MH-2633	582.45	582.12	581.27	580.97	30	150	0.5	100	1.52	0.0647	1	1.03	1	15	0.011	HDPE
MH-2634	MH-2635	574.67	574.17	573.32	573.02	30	150	0.25	100	1.52	0.0062	1.1	1.2	1	4.7	0.011	HDPE
MH-2637	MH-1474	569.33	568.95	568.1	567.8	30	150	0.97	100	1.52	0.6473	1	1.09	1	48.9	0.011	HDPE
MH-1164	MH-2638	573.37	573.83	571.5	571.47	30	150	0.22	1,000.00	0.4807	0.0581	2	1.72	2.21	24.6	0.011	HDPE
MH-1644	MH-2639	567.46	567.9	566.29	566.54	30	175	0.97	118.498	2.3169	0.649	1.1	1	1.19	39.6	0.01	HDPE
MH-2640	MH-1254	570.33	569.78	568.93	568.63	30	150	0.37	100	1.52	0.0236	1.1	1.25	1	9.1	0.011	HDPE
MH-2641	MH-2642	563.49	562.92	562.06	561.77	30	150	0.3	100	1.52	0.012	1.1	1.27	1	6.6	0.011	HDPE
MH-2643	MH-2644	589.21	589.21	588.03	588.06	30	150	0.19	1,000.00	0.4807	0.0346	1	1.03	1	16.6	0.011	HDPE
MH-1631	MH-2321	570.78	570.46	569.04	569.01	30	150	0.18	1,000.00	0.4807	0.0322	1.4	1.59	1.31	15.3	0.011	HDPE
MH-2645	MH-2223	577.56	578.03	575.91	575.63	30.7	150	0.8	110.125	1.4485	0.3581	1.9	1.5	2.24	41.3	0.011	HDPE
MH-2646	MH-1949	567.85	567.22	566.36	566.07	30	150	0.39	100	1.52	0.0284	1.2	1.33	1	10	0.011	HDPE
MH-2647	MH-1772	584.79	584.04	583.07	582.77	30	271	1.44	100	8.0956	2.3885	1.2	1.45	1	42.6	0.01	HDPE
MH-377	MH-618	567.5	567.33	566.23	566.05	30	271	1.25	172.02	6.1725	2.9609	1	1	1	54.2	0.01	HDPE
MH-2648	MH-2649	587.15	587.24	586	586.09	33.4	150	0.26	380.945	0.7788	0.0342	1	1	1	18.3	0.011	HDPE
MH-2650	MH-2651	576.47	575.69	574.29	573.99	30	700	2.42	100	92.4417	25.7559	1.2	1.49	1	42.3	0.011	HDPE
MH-2652	MH-2653	583.83	583.87	582.68	582.65	30	150	0.19	1,000.00	0.4807	0.0354	1	1	1.07	29.5	0.011	HDPE
MH-2604	MH-2654	587.4	587.25	586.25	586.1	30	150	0.45	199.136	1.0771	0.0992	1	1	1	20.8	0.011	HDPE
MH-2655	MH-2656	587.21	586.98	586.06	585.83	30	150	0.63	130.715	1.3295	0.1885	1	1	1	29.3	0.011	HDPE
MH-2657	MH-2658	586.53	586.37	585.38	585.22	30	150	0.34	190.279	1.1019	0.038	1	1	1	15.9	0.011	HDPE
MH-2659	MH-2660	586.14	586.44	584.99	585.28	30	150	0.38	100	1.52	0.0244	1	1	1	9.3	0.011	HDPE
MH-2661	MH-2250	587.2	587.49	585.55	585.52	30	150	0.19	1,000.00	0.4807	0.0345	1.7	1.5	1.82	19.9	0.011	HDPE
MH-2662	MH-2663	589.77	589.81	588.4	588.37	30	150	0.27	1,000.00	0.4807	0.13	1.3	1.21	1.29	39.6	0.011	HDPE
MH-1154	MH-2664	586.27	586.37	585.04	585.22	30	150	0.29	161.484	1.1961	0.0185	1	1.08	1	15.4	0.011	HDPE
MH-2665	MH-799	583.42	582.87	582.02	581.72	30	150	0.6	100	1.52	0.1171	1.1	1.26	1	20.2	0.011	HDPE
MH-2666	MH-2667	587.79	587.61	586.64	586.46	30	150	0.51	165.281	1.1823	0.1279	1	1	1	23.7	0.011	HDPE
MH-2668	MH-1424	576.45	576	572.52	572.49	30	600	0.89	1,000.00	19.3795	15.1034	3.1	3.33	2.91	57.6	0.011	HDPE
MH-874	MH-2377	571.19	571.1	570.04	569.95	30	150	0.3	345.375	0.8179	0.0508	1	1	1	18	0.011	HDPE
MH-2669	MH-2670	586.95	587.11	585.8	585.77	30	150	0.18	1,000.00	0.4807	0.0326	1.1	1	1.19	21.2	0.011	HDPE
MH-2376	MH-2671	569.4	569.11	568.25	567.96	30	150	0.74	101.492	1.5088	0.2523	1	1	1	29.9	0.011	HDPE
MH-622	MH-2672	587.24	586.91	586.03	585.76	30	150	0.72	112.72	1.4317	0.252	1	1.06	1	35.1	0.011	HDPE
MH-2673	MH-2674	585.9	586.07	584.67	584.64	30	150	0.19	1,000.00	0.4807	0.0363	1.2	1.08	1.28	20.8	0.011	HDPE
MH-2675	MH-2676	585.49	584.88	584.03	583.73	30	150	0.65	100	1.52	0.1552	1.2	1.32	1	23.3	0.011	HDPE
MH-2678	MH-2679	588.3	588.29	587.15	587.12	30	150	0.17	1,000.00	0.4807	0.0238	1	1	1.02	18.6	0.011	HDPE
MH-2680	MH-1363	568.96	568.37	567.51	567.22	30	150	0.6	100	1.52	0.1161	1.1	1.3	1	20.1	0.011	HDPE
MH-2681	MH-2682	565.96	565.98	564.75	564.73	30	150	0.18	1,000.00	0.4807	0.0341	1.1	1.06	1.11	19.4	0.011	HDPE
MH-2683	MH-2684	585.88	585.84	584.73	584.69	30	150	0.16	849.647	0.5215	0.0181	1	1	1	13.1	0.011	HDPE
MH-2685	MH-1693	574.4	573.92	573.02	572.77	24.8	150	0.92	100	1.52	0.5239	1.1	1.23	1	50.7	0.011	HDPE
MH-2686	MH-2687	570.43	569.95	569.1	568.8	30	150	0.51	100	1.52	0.0687	1.1	1.18	1	15.5	0.011	HDPE
MH-2688	MH-2689	582.12	582.87	580.97	581.27	30	150	0.47	100	1.52	0.0531	1.2	1	1.45	13.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2690	MH-2691	565.56	565.58	564.34	564.31	30	150	0.19	1,000.00	0.4807	0.0364	1.1	1.06	1.12	24.9	0.011	HDPE
MH-2692	MH-2693	589.36	589.34	588.16	588.19	30	150	0.18	1,000.00	0.4807	0.0318	1	1.05	1	22	0.011	HDPE
MH-2080	MH-965	588.32	588.12	586.37	586.34	30	500	0.8	960.724	12.1589	9.0657	1.4	1.45	1.28	59.4	0.011	HDPE
MH-2694	MH-2695	589.8	589.7	588.65	588.55	30	150	0.28	298.704	0.8795	0.0311	1	1	1	17.5	0.011	HDPE
MH-2696	MH-1477	567.85	567.83	566.64	566.61	30	150	0.23	1,000.00	0.4807	0.0688	1.1	1.06	1.06	22.4	0.011	HDPE
MH-2697	MH-2698	589.7	589.89	588.55	588.52	30	150	0.18	1,000.00	0.4807	0.0314	1.1	1	1.22	19.7	0.011	HDPE
MH-253	MH-1890	570.37	570.1	569.22	568.95	30	150	1.2	113.656	1.5684	1.533	1	1	1	80	0.01	HDPE
MH-2699	MH-2093	573.49	573.54	572.23	572.2	30	150	0.19	1,000.00	0.4807	0.0374	1.1	1.11	1.19	20.4	0.011	HDPE
MH-1387	MH-2700	573.11	572.59	571.74	571.44	30	150	1.13	100	1.672	0.8906	1.1	1.23	1	56.9	0.01	HDPE
MH-2701	MH-2702	583.27	582.75	581.9	581.6	30	150	0.3	100	1.52	0.0117	1.1	1.22	1	6.5	0.011	HDPE
MH-763	MH-2703	570.85	570.63	569.26	569.14	30	217	0.8	252.625	2.8161	0.9097	1.3	1.38	1.27	39.4	0.01	HDPE
MH-2704	MH-1341	591.72	592.09	587.83	587.92	30	217	0.8	334.951	2.4457	1.3644	3.8	3.67	3.95	50.4	0.01	HDPE
MH-751	MH-2215	564.52	564.02	563.1	562.8	30	217	1.48	100	4.0691	3.832	1.1	1.2	1	78.6	0.011	HDPE
MH-2705	MH-2706	568.75	568.3	567.45	567.15	30	150	0.3	100	1.52	0.0124	1.1	1.15	1	6.7	0.011	HDPE
MH-2707	MH-2708	582.05	581.53	580.68	580.38	30	150	1.01	100	1.52	0.7493	1.1	1.22	1	53	0.011	HDPE
MH-2709	MH-2710	575.17	575.67	573.48	573.45	30	150	0.3	1,000.00	0.4807	0.1974	1.8	1.54	2.07	49.5	0.011	HDPE
MH-2711	MH-163	583.59	582.98	581.74	581.6	30	175	0.8	217.661	1.7095	0.7154	1.4	1.68	1.21	45.7	0.01	HDPE
MH-2712	MH-2415	581.04	580.65	579.8	579.5	30	150	1.05	100	1.52	0.8645	1	1.09	1	57.5	0.011	HDPE
MH-2713	MH-2714	572.6	572.1	570.71	570.64	30	271	0.8	418.211	3.9587	1.9008	1.4	1.62	1.2	45.7	0.01	HDPE
MH-2715	MH-2716	578.96	578.24	577.38	577.09	30	150	0.82	100	1.52	0.3419	1.2	1.42	1	34.9	0.011	HDPE
MH-2717	MH-2718	589.21	588.72	587.37	587.26	30	271	0.93	276.305	4.8703	1.8642	1.4	1.57	1.19	42.7	0.01	HDPE
MH-2719	MH-1079	562.39	561.83	560.98	560.68	30	150	0.48	100	1.52	0.056	1.1	1.27	1	20.6	0.011	HDPE
MH-2722	MH-2723	590.49	590.42	589.34	589.27	30	150	0.29	434.247	0.7294	0.055	1	1	1	22.9	0.011	HDPE
MH-2724	MH-2725	568.6	568.59	567.45	567.42	30	150	0.2	1,000.00	0.4807	0.044	1	1	1.01	21.3	0.011	HDPE
MH-149	MH-2050	585.46	585.27	584.31	584.12	20.7	150	0.32	111.083	1.4422	0.0158	1	1	1	10.7	0.011	HDPE
MH-2726	MH-1439	571.36	571.38	570.21	570.18	30	150	0.22	1,000.00	0.4807	0.0651	1	1	1.04	26	0.011	HDPE
MH-346	MH-2727	570.68	570.08	569.23	568.93	30	150	0.55	100	1.52	0.0869	1.1	1.3	1	17.4	0.011	HDPE
MH-2728	MH-2729	571.06	570.76	569.91	569.61	30	150	0.34	100	1.52	0.0179	1	1	1	8	0.011	HDPE
MH-2730	MH-2020	578.18	578.63	576.55	576.52	30	150	0.2	1,000.00	0.4807	0.0466	1.7	1.48	1.96	22.1	0.011	HDPE
MH-2731	MH-80	585.15	585.34	584	584.19	30	150	0.34	152.983	1.2289	0.0292	1	1	1	13.6	0.011	HDPE
MH-2732	MH-301	590.77	591.07	589.27	589.24	30	150	0.24	1,000.00	0.4807	0.079	1.5	1.35	1.68	31.4	0.011	HDPE
MH-2733	MH-2734	561.66	561.41	560.51	560.26	30	150	0.66	116.468	1.4085	0.196	1	1	1	26.7	0.011	HDPE
MH-2735	MH-1414	584.68	584.07	583.22	582.92	30	150	0.62	100	1.52	0.1315	1.2	1.32	1	21.4	0.011	HDPE
MH-2736	MH-2370	571.46	570.98	570.13	569.83	30	150	0.41	100	1.52	0.0317	1.1	1.19	1	15	0.011	HDPE
MH-2737	MH-2738	568.99	568.64	567.67	567.37	30	271	1.36	100	8.0956	1.9417	1	1.04	1	38.2	0.01	HDPE
MH-2492	MH-836	571.99	572	570.84	570.81	30	150	0.19	1,000.00	0.4807	0.0351	1	1	1.04	19.4	0.011	HDPE
MH-2739	MH-2740	577.58	577.36	576.43	576.21	30	150	0.35	135.604	1.3053	0.0279	1	1	1	13.7	0.011	HDPE
MH-2741	MH-2564	588.55	588.35	587.4	587.2	30	150	0.29	149.352	1.2438	0.0159	1	1	1	7.8	0.011	HDPE
MH-2742	MH-2743	582.38	582.78	581.23	581.53	30	150	0.52	100	1.52	0.0694	1.1	1	1.11	15.5	0.011	HDPE
MH-2721	MH-1727	579.17	578.43	577.57	577.28	30	150	0.46	100	1.52	0.047	1.2	1.44	1	12.8	0.011	HDPE
MH-2744	MH-554	583.65	582.91	582.06	581.76	30	150	0.45	100	1.52	0.0454	1.2	1.44	1	12.6	0.011	HDPE
MH-1489	MH-1932	572.02	571.76	570.87	570.61	30	150	0.61	113.155	1.4289	0.1431	1	1	1	47.2	0.011	HDPE
MH-619	MH-2745	567.23	567.04	565.96	565.77	30	271	1.22	159.777	5.8224	3.1931	1	1	1	54.2	0.011	HDPE
MH-2746	MH-2747	573.21	572.69	571.84	571.54	30	150	0.65	100	1.52	0.1581	1.1	1.22	1	23.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2748	MH-299	569.31	569.27	568.13	568.1	30	150	0.17	1,000.00	0.4807	0.0252	1	1.03	1.02	16.2	0.011	HDPE
MH-2751	MH-2752	570.63	570.03	569.18	568.88	30	150	0.38	100	1.52	0.0256	1.2	1.3	1	9.5	0.011	HDPE
MH-1174	MH-938	564.52	563.95	563.07	562.77	30	175	1.28	100	2.5221	1.4746	1.1	1.27	1	60.3	0.01	HDPE
MH-2753	MH-2754	583.6	583.59	582.45	582.42	30	150	0.11	1,000.00	0.4807	0.0062	1	1	1.02	7.8	0.011	HDPE
MH-2755	MH-2756	562.83	562.56	561.68	561.41	30	150	0.37	111.227	1.4413	0.0257	1	1	1	13.4	0.011	HDPE
MH-2757	MH-2758	587.6	587.56	586.45	586.41	30	150	0.19	771.432	0.5473	0.0273	1	1	1	13.9	0.011	HDPE
MH-2759	MH-2169	567.99	567.74	566.39	566.14	30	600	2.02	117.615	56.5082	15.9686	1	1	1	48.3	0.011	HDPE
MH-2718	MH-2760	588.72	588.23	587.26	586.96	30	271	1.35	100	8.0956	1.9075	1.1	1.19	1	37.8	0.01	HDPE
MH-2761	MH-2762	589.7	589.8	588.32	588.49	30	175	0.8	180.947	1.875	0.5561	1.2	1.2	1.14	41.2	0.01	HDPE
MH-2763	MH-2764	586.14	586.06	584.99	584.91	30	150	0.21	386.569	0.7731	0.0181	1	1	1	16	0.011	HDPE
MH-2765	MH-2766	587.27	587.07	586.12	585.92	30	150	0.38	155.118	1.2204	0.0411	1	1	1	15.6	0.011	HDPE
MH-2767	MH-2768	586.57	585.94	585.06	584.76	30	175	1.11	100	2.5221	0.8433	1.2	1.33	1	44.5	0.01	HDPE
MH-2769	MH-1609	572.04	571.78	570.89	570.63	30	150	0.39	114.452	1.4208	0.0327	1	1	1	12.9	0.011	HDPE
MH-2770	MH-1460	568.28	568.62	567.13	567.1	30	150	0.12	1,000.00	0.4807	0.0075	1.2	1	1.37	9.7	0.011	HDPE
MH-2771	MH-2772	564.36	564.64	563.21	563.19	30	150	0.15	1,000.00	0.4807	0.0174	1.2	1	1.31	15.7	0.011	HDPE
MH-2773	MH-2774	575.31	575.74	574.16	574.46	30	150	1.01	100	1.52	0.7394	1.1	1	1.13	52.7	0.011	HDPE
MH-2775	MH-2776	566.33	566.35	565.12	565.09	30	150	0.18	1,000.00	0.4807	0.0329	1.1	1.06	1.11	19.8	0.011	HDPE
MH-2777	MH-2778	579.7	579.01	578.16	577.86	30	150	0.6	100	1.52	0.1152	1.2	1.39	1	20	0.011	HDPE
MH-2779	MH-1952	587.74	587.73	586.56	586.53	30	150	0.28	1,000.00	0.4807	0.1372	1	1.03	1.04	37.7	0.011	HDPE
MH-2781	MH-2782	573.96	573.28	572.43	572.13	30	150	0.64	100	1.52	0.1495	1.2	1.38	1	22.9	0.011	HDPE
MH-2783	MH-2709	574.66	575.17	573.51	573.48	30	150	0.25	1,000.00	0.4807	0.0993	1.3	1	1.54	39.9	0.011	HDPE
MH-2784	MH-2785	571.93	571.5	570.64	570.35	30	150	0.8	100	1.52	0.3125	1.1	1.13	1	33.3	0.011	HDPE
MH-203	MH-1322	563.64	563.06	562.19	561.88	30.9	175	1.3	100	2.5221	1.5583	1.1	1.28	1	62.2	0.01	HDPE
MH-2786	MH-633	582.95	582.62	581.77	581.47	30	150	0.44	100	1.52	0.0403	1	1.03	1	11.9	0.011	HDPE
MH-2787	MH-1467	566.37	566.24	565.22	565.09	30	150	0.19	232.052	0.9978	0.0071	1	1	1	7.4	0.011	HDPE
MH-596	MH-2712	581.51	581.04	580.19	579.89	30	150	1.03	100	1.52	0.8183	1.1	1.17	1	55.7	0.011	HDPE
MH-2788	MH-389	567.13	567.13	565.87	565.84	30	150	0.22	1,000.00	0.4807	0.065	1.1	1.11	1.14	22.1	0.011	HDPE
MH-2789	MH-2790	564.69	564.29	563.38	563.08	30	217	1.19	100	4.476	1.1415	1	1.09	1	39	0.01	HDPE
MH-2791	MH-2792	565.17	565.19	563.95	563.92	30	150	0.19	1,000.00	0.4807	0.0356	1.1	1.07	1.12	28.6	0.011	HDPE
MH-2793	MH-1133	586.55	586.52	585.29	585.26	30	150	0.19	1,000.00	0.4807	0.0402	1.1	1.11	1.1	21.3	0.011	HDPE
MH-2794	MH-2795	589.67	589.72	588.52	588.57	30	150	0.19	597.408	0.6219	0.0189	1	1	1	12.9	0.011	HDPE
MH-837	MH-2519	572.03	572.28	570.8	570.77	30	150	0.22	1,000.00	0.4807	0.0584	1.2	1.08	1.36	25	0.011	HDPE
MH-2796	MH-2185	589.26	589.29	588.01	587.98	30	150	0.27	1,000.00	0.4807	0.1227	1.1	1.1	1.16	36.2	0.011	HDPE
MH-192	MH-2797	569.4	568.8	567.32	567.14	30	150	0.8	165.337	1.3003	0.4774	1.7	1.92	1.51	46.3	0.01	HDPE
MH-2798	MH-2799	578.62	578.19	577.34	577.04	30	150	0.51	100	1.52	0.0704	1.1	1.13	1	15.7	0.011	HDPE
MH-2800	MH-270	574.88	574.37	573.52	573.22	30	150	1.07	100	1.52	0.9459	1.1	1.21	1	60.4	0.011	HDPE
MH-1298	MH-750	565.69	564.82	563.91	563.61	30	217	1.47	100	4.0691	3.745	1.3	1.57	1	77.4	0.011	HDPE
MH-2734	MH-1970	561.41	561.04	560.17	559.89	28.4	150	0.74	100	1.52	0.2427	1	1.08	1	29.2	0.011	HDPE
MH-2801	MH-1148	574.45	573.67	572.82	572.52	30	150	0.32	100	1.52	0.0145	1.2	1.48	1	7.2	0.011	HDPE
MH-2802	MH-903	568.57	568.34	567.42	567.19	30	150	0.27	129.539	1.3355	0.0111	1	1	1	8.3	0.011	HDPE
MH-2803	MH-2121	573.44	573.08	572.23	571.93	30	150	0.35	100	1.52	0.019	1	1.05	1	11.3	0.011	HDPE
MH-335	MH-2804	587.34	587.12	585.5	585.37	30	217	0.8	236.665	2.9095	0.8409	1.6	1.63	1.53	37.7	0.01	HDPE
MH-2805	MH-2806	570.22	570.01	568.47	568.28	30	700	2.09	158.653	73.3911	28.0294	1	1.05	1.03	50.7	0.011	HDPE
MH-2807	MH-2808	583.86	583.32	582.22	581.92	30	400	1.74	100	20.7858	6.7163	1.1	1.24	1	44.3	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2809	MH-2810	592.48	591.97	590.59	590.31	30	400	1.41	109.325	19.8796	3.5834	1.4	1.5	1.25	36.2	0.011	HDPE
MH-2811	MH-2812	590.12	589.66	588.56	588.26	30	400	1.5	100	20.7858	4.0102	1.1	1.16	1	33.8	0.011	HDPE
MH-2813	MH-1659	569.3	568.7	567.85	567.55	30	150	0.36	100	1.52	0.0203	1.2	1.31	1	8.5	0.011	HDPE
MH-2798	MH-5	578.62	578.99	577.47	577.77	30	150	0.46	100	1.52	0.0495	1	1	1.08	13.2	0.011	HDPE
MH-2630	MH-2087	566.2	566.52	564.23	564.11	30	217	0.8	266.139	2.7437	0.9756	2	1.76	2.19	40.7	0.01	HDPE
MH-2814	MH-2389	588.8	588.72	587.65	587.57	30	150	0.24	373.38	0.7866	0.0263	1	1	1	14	0.011	HDPE
MH-1342	MH-2815	591.99	592.26	590.4	590.53	30	217	0.8	236.494	2.9106	0.84	1.4	1.37	1.52	36.9	0.01	HDPE
MH-2134	MH-2816	577.28	576.85	576	575.7	30	150	0.37	100	1.52	0.0222	1.1	1.13	1	8.9	0.011	HDPE
MH-1410	MH-2817	589.3	589.25	586.96	586.9	30	271	0.8	500.431	3.6189	2.5356	2.1	2.07	2.07	55.2	0.01	HDPE
MH-2818	MH-2051	585.08	585.16	583.93	583.9	30	150	0.18	1,000.00	0.4807	0.0318	1.1	1	1.11	24.6	0.011	HDPE
MH-2821	MH-2822	580.03	579.59	578.74	578.44	30	150	0.66	100	1.52	0.1635	1.1	1.14	1	23.9	0.011	HDPE
MH-2823	MH-1759	564.08	563.95	562.85	562.73	30	217	0.91	241.024	2.8831	1.4012	1	1.01	1	49	0.01	HDPE
MH-1313	MH-2824	587.51	587.84	586.36	586.66	30	150	0.49	100	1.52	0.0593	1	1	1.03	14.4	0.011	HDPE
MH-2825	MH-1717	584.73	584.01	583.16	582.86	30	150	0.44	100	1.52	0.0414	1.2	1.42	1	12	0.011	HDPE
MH-2826	MH-2827	583.92	583.89	582.77	582.74	30	150	0.12	1,000.00	0.4807	0.0088	1	1	1	11.5	0.011	HDPE
MH-2828	MH-2234	577.1	577.49	575.11	575.08	30	150	0.33	1,000.00	0.4807	0.27	2.1	1.84	2.26	53.4	0.011	HDPE
MH-2824	MH-2829	587.84	588.18	586.69	586.98	30	150	0.45	100	1.52	0.0439	1	1	1.05	12.4	0.011	HDPE
MH-2830	MH-2831	578.04	578.5	576.89	576.86	30	150	0.18	1,000.00	0.4807	0.0298	1.2	1	1.48	18.3	0.011	HDPE
MH-2832	MH-1168	586.1	586.05	584.95	584.9	30	150	0.18	553.616	0.646	0.0164	1	1	1	18.8	0.011	HDPE
MH-1297	MH-2833	574.14	574.25	572.38	572.24	30	175	0.8	216.171	1.7154	0.7085	1.7	1.58	1.84	45.6	0.01	HDPE
MH-2834	MH-2835	575.49	575.92	574.34	574.64	30	150	0.38	100	1.52	0.0257	1.1	1	1.12	9.5	0.011	HDPE
MH-2836	MH-2837	585.75	586.2	584.6	584.89	30	150	0.61	100	1.52	0.126	1.1	1	1.15	21	0.011	HDPE
MH-2838	MH-2839	588.05	587.55	586.7	586.4	30	150	0.43	100	1.52	0.0375	1.1	1.2	1	14.3	0.011	HDPE
MH-2806	MH-1065	570.01	569.68	568.28	567.98	30	700	2.48	100	92.4417	28.0695	1	1.03	1	44.3	0.011	HDPE
MH-2840	MH-2841	587.89	587.63	586.74	586.48	30	150	0.55	114.025	1.4235	0.1024	1	1	1	21.3	0.011	HDPE
MH-2738	MH-2232	568.64	568.28	567.31	567.01	30	271	1.36	100	8.0956	1.9562	1	1.06	1	38.3	0.01	HDPE
MH-2842	MH-2112	580.56	581	579.41	579.38	30	150	0.2	1,000.00	0.4807	0.0445	1.2	1	1.47	22.2	0.011	HDPE
MH-2843	MH-2844	582.68	582.95	581.53	581.5	30	150	0.1	1,000.00	0.4807	0.0049	1.2	1	1.31	9.5	0.011	HDPE
MH-2845	MH-534	583.9	583.92	582.68	582.65	30	150	0.34	1,000.00	0.4807	0.2975	1.1	1.07	1.12	44.9	0.011	HDPE
MH-2596	MH-1867	587.26	587.27	586.11	586.09	30	150	0.27	1,000.00	0.4807	0.1308	1	1	1.04	36.4	0.011	HDPE
MH-2846	MH-621	587.84	587.44	586.59	586.29	30	150	0.55	100	1.52	0.0887	1.1	1.11	1	17.6	0.011	HDPE
MH-2847	MH-2350	568.18	568.78	566.46	566.59	30	175	0.8	215.806	1.7169	0.7068	1.8	1.55	2.01	46	0.01	HDPE
MH-2848	MH-1353	586.34	586.28	584.84	584.81	30.1	150	0.28	1,000.00	0.4807	0.1472	1.3	1.35	1.32	31	0.011	HDPE
MH-847	MH-2849	585.56	585.19	584.38	584.04	33.9	150	0.46	100	1.52	0.0479	1	1.04	1	12.9	0.011	HDPE
MH-817	MH-2850	586	586	584.56	584.6	30	400	0.8	694.585	7.8869	5.5185	1	1.04	1	51.4	0.011	HDPE
MH-2851	MH-2852	592.38	592.36	590.89	591.13	30	150	0.8	128.401	1.3414	0.4381	1.2	1.33	1.08	41	0.011	HDPE
MH-2853	MH-1016	584.03	583.56	582.71	582.41	30	150	0.61	100	1.52	0.1262	1.1	1.17	1	21	0.011	HDPE
MH-2854	MH-2855	591.16	591.11	590.01	589.96	30	150	0.24	569.066	0.6372	0.0404	1	1	1	22	0.011	HDPE
MH-2856	MH-2241	562.84	562.27	561.42	561.12	30	150	0.43	100	1.52	0.0372	1.1	1.28	1	11.4	0.011	HDPE
MH-2857	MH-2427	583.51	583.03	582.18	581.88	30	150	0.93	100	1.52	0.5496	1.1	1.18	1	44.8	0.011	HDPE
MH-2858	MH-2859	567.46	567.48	566.26	566.23	30	150	0.34	1,000.00	0.4807	0.3179	1.1	1.05	1.1	48.3	0.011	HDPE
MH-2860	MH-2861	591	591.28	589.85	589.82	30	150	0.2	1,000.00	0.4807	0.0434	1.2	1	1.31	23.9	0.011	HDPE
MH-2862	MH-2863	587.23	587.56	586.08	586.38	30	150	0.38	100	1.52	0.0255	1	1	1.03	11.8	0.011	HDPE
MH-2057	MH-2699	573.41	573.49	572.26	572.23	30	150	0.16	1,000.00	0.4807	0.022	1.1	1	1.11	16.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1969	MH-1953	577.48	577.5	576.08	576.05	30	150	0.3	1,000.00	0.4807	0.1903	1.3	1.25	1.29	45.8	0.011	HDPE
MH-2082	MH-2864	584.89	584.18	583.24	583.03	30	150	0.55	141.424	1.2782	0.1363	1.2	1.5	1	22.7	0.011	HDPE
MH-2865	MH-2866	570.93	570.73	569.23	569.03	30	700	2.12	149.8	75.5287	26.9693	1	1	1	49.7	0.011	HDPE
MH-2867	MH-2868	587.3	587.15	585.9	585.75	30	400	1.13	199.136	14.7296	3.4845	1	1	1	35.7	0.011	HDPE
MH-2869	MH-2870	571.97	571.83	570.27	570.13	30	700	1.84	217.316	62.7078	26.415	1	1	1	49.2	0.011	HDPE
MH-2871	MH-2872	589.15	589.11	586.6	586.54	30	400	0.8	535.425	9.8812	2.8482	2.2	2.15	2.17	36.7	0.01	HDPE
MH-1013	MH-2873	573.42	572.94	572.09	571.79	30	150	1.26	100	1.672	1.4438	1.1	1.18	1	75.1	0.01	HDPE
MH-1315	MH-2874	567.86	567.72	566.71	566.57	30	150	0.85	213.338	1.1447	0.9448	1	1	1	67.2	0.01	HDPE
MH-2875	MH-2876	583.86	583.46	582.41	582.19	30	271	1.14	135.655	6.9508	1.5669	1.1	1.18	1	39.2	0.01	HDPE
MH-2021	MH-568	571.03	570.98	569.29	569.26	29.5	150	0.26	1,000.00	0.4807	0.1162	1.6	1.6	1.57	41.7	0.011	HDPE
MH-2877	MH-2878	589.78	589.74	588.63	588.59	30	150	0	746.76	0.5562	0	1	1	1	13.1	0.011	HDPE
MH-2578	MH-2777	580.12	579.7	578.85	578.55	30	150	0.54	100	1.52	0.0823	1.1	1.12	1	17	0.011	HDPE
MH-2879	MH-293	565.79	565.76	564.63	564.6	30	150	0.23	1,000.00	0.4807	0.071	1	1.01	1.01	26.7	0.011	HDPE
MH-2244	MH-219	570.5	570.6	569.35	569.32	30	150	0.16	1,000.00	0.4807	0.0223	1.1	1	1.13	16.7	0.011	HDPE
MH-2881	MH-2880	564.27	564.05	561.74	561.71	30	150	0.27	1,000.00	0.4807	0.1276	2.3	2.38	2.19	35.8	0.011	HDPE
MH-2723	MH-2882	590.42	590.35	589.27	589.2	30	150	0.36	443.294	0.7219	0.1228	1	1	1	29	0.011	HDPE
MH-2883	MH-33	568.67	569	567.52	567.49	30	150	0.27	1,000.00	0.4807	0.119	1.2	1	1.37	40.6	0.011	HDPE
MH-2885	MH-2886	565.24	565.28	564.09	564.07	30	150	0.17	1,000.00	0.4807	0.0251	1	1	1.07	20.7	0.011	HDPE
MH-2887	MH-2888	580.43	580.22	579.28	579.07	30	150	0.47	140.996	1.2801	0.0763	1	1	1	18.2	0.011	HDPE
MH-2889	MH-2890	586.21	586.01	585.06	584.86	30	150	0.34	150.122	1.2406	0.0286	1	1	1	17.5	0.011	HDPE
MH-2891	MH-1314	568.22	567.95	567.07	566.8	30	150	1.1	109.755	1.596	0.9286	1	1	1	66.2	0.01	HDPE
MH-2892	MH-1011	581.83	582.52	580.68	580.98	30	150	0.41	100	1.52	0.0326	1.2	1	1.39	10.7	0.011	HDPE
MH-2882	MH-2893	590.35	590.24	589.2	589.09	30	150	0.48	274.788	0.917	0.1891	1	1	1	30.8	0.011	HDPE
MH-2894	MH-2895	580.64	580.43	579.49	579.28	30	150	0.59	137.201	1.2977	0.1653	1	1	1	25	0.011	HDPE
MH-2896	MH-304	581.41	580.7	579.85	579.55	30	150	0.47	100	1.52	0.0507	1.2	1.41	1	13.3	0.011	HDPE
MH-2897	MH-1591	575.28	575.72	572.49	572.46	30	150	0.22	1,000.00	0.4807	0.0659	2.9	2.64	3.11	25.6	0.011	HDPE
MH-2898	MH-2899	577.39	577.85	576.24	576.21	30	150	0.18	1,000.00	0.4807	0.0323	1.2	1	1.49	19	0.011	HDPE
MH-2900	MH-2901	581.65	581.16	580.1	579.89	21.2	271	1.43	100	8.0956	2.3236	1.1	1.28	1	42	0.01	HDPE
MH-2565	MH-2902	563.28	562.6	561.68	561.38	30	217	1.48	100	4.476	2.5922	1.2	1.38	1	60.6	0.01	HDPE
MH-2903	MH-2904	578.82	578.09	577.13	576.94	19	150	0.28	100	1.52	0.0091	1.3	1.54	1	5.7	0.011	HDPE
MH-2905	MH-1955	583.08	583.45	581.93	581.9	30	150	0.11	1,000.00	0.4807	0.0064	1.2	1	1.41	12.8	0.011	HDPE
MH-2906	MH-2907	584.69	585.22	583.54	583.84	30	150	0.8	100	1.52	0.3153	1.1	1	1.23	33.5	0.011	HDPE
MH-2729	MH-2908	570.76	570.3	569.45	569.15	30	150	0.4	100	1.52	0.0306	1.1	1.16	1	10.4	0.011	HDPE
MH-2248	MH-2909	586.95	586.71	585.8	585.56	30	150	0.97	126.524	1.4865	0.6981	1	1	1	55.4	0.01	HDPE
MH-2910	MH-2414	582.04	581.33	579.93	579.63	30	700	2.38	100	92.4417	24.0662	1.2	1.41	1	40.8	0.011	HDPE
MH-1102	MH-2913	577.77	577.63	575.98	575.82	30	175	0.8	185.506	1.8518	0.5759	1.6	1.61	1.63	41	0.01	HDPE
MH-2914	MH-1843	578.77	578.38	577.4	577.11	30	271	1.55	100	7.3597	4.1492	1	1.09	1	58.8	0.011	HDPE
MH-2915	MH-189	576.76	577.19	575.61	575.91	30	150	0.29	100	1.52	0.0106	1.1	1	1.12	6.2	0.011	HDPE
MH-2916	MH-2249	586	586	584.76	584.73	30	150	0.21	1,000.00	0.4807	0.0515	1.1	1.09	1.12	24.9	0.011	HDPE
MH-2917	MH-1945	567.06	567.06	565.74	565.77	30	150	0.26	1,000.00	0.4807	0.1137	1.2	1.17	1.14	36.9	0.011	HDPE
MH-2918	MH-1620	586.52	586.27	585.37	585.12	30	150	0.32	119.191	1.3923	0.0166	1	1	1	10.3	0.011	HDPE
MH-2919	MH-1561	586.13	586.21	584.98	584.95	30	150	0.18	1,000.00	0.4807	0.0293	1.1	1	1.11	16.2	0.011	HDPE
MH-2920	MH-2530	586.78	586.91	584.91	584.97	30	400	0.8	493.852	9.3534	3.2999	1.5	1.48	1.54	42	0.011	HDPE
MH-2921	MH-1207	581.97	581.65	580.79	580.5	30	150	0.44	100	1.52	0.0413	1	1.03	1	12	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2922	MH-2867	587.5	587.3	586.1	585.9	30	400	1.24	149.352	17.0083	3.4142	1	1	1	35.3	0.011	HDPE
MH-1856	MH-1711	581.51	581.54	580.36	580.39	30	150	0.33	894.692	0.5082	0.2188	1	1	1	41.8	0.011	HDPE
MH-2923	MH-2023	568.71	569.07	567.56	567.53	30	150	0.1	1,000.00	0.4807	0.0052	1.2	1	1.4	8.8	0.011	HDPE
MH-1066	MH-2924	569.48	569.16	567.76	567.46	30	700	2.48	100	92.4417	28.113	1	1.02	1	44.4	0.011	HDPE
MH-2925	MH-2926	570.47	569.93	569.08	568.78	30	150	0.45	100	1.52	0.0454	1.1	1.24	1	12.6	0.011	HDPE
MH-2810	MH-2927	591.97	591.42	590.31	590.02	30	400	1.46	100	20.7858	3.6507	1.1	1.25	1	32.2	0.011	HDPE
MH-2928	MH-1099	587.57	587.89	586.42	586.72	30	150	0.53	100	1.52	0.0786	1	1	1.03	16.6	0.011	HDPE
MH-2622	MH-2929	586	586	582.51	582.48	30	150	0.34	1,000.00	0.4807	0.3025	3.4	3.34	3.37	45.8	0.011	HDPE
MH-2930	MH-1587	576.52	576.02	575.17	574.87	30	150	0.76	100	1.52	0.2631	1.1	1.2	1	30.5	0.011	HDPE
MH-2931	MH-2587	580.87	580.59	579.6	579.44	30	150	0.8	186.853	1.2232	0.5683	1.1	1.12	1	51.6	0.01	HDPE
MH-2932	MH-2933	585.21	584.56	583.71	583.41	30	150	0.6	100	1.52	0.1151	1.2	1.35	1	20	0.011	HDPE
MH-2609	MH-2934	570.04	570.25	568.89	569.1	30	150	0.44	143.476	1.269	0.0615	1	1	1	18.4	0.011	HDPE
MH-2935	MH-2936	568.38	568.21	567.23	567.06	30	150	0.17	172.749	1.1565	0.0033	1	1	1	5.3	0.011	HDPE
MH-2937	MH-2938	570.71	570.13	569.28	568.98	30	150	0.38	100	1.52	0.0253	1.1	1.29	1	9.4	0.011	HDPE
MH-2939	MH-2162	570.37	569.81	568.96	568.66	30	150	0.49	100	1.52	0.0603	1.1	1.26	1	14.5	0.011	HDPE
MH-2831	MH-1947	578.5	578.95	576.86	576.83	30	150	0.2	1,000.00	0.4807	0.0428	1.7	1.48	1.97	21.2	0.011	HDPE
MH-555	MH-595	582.57	581.86	581.01	580.71	30	150	0.84	100	1.52	0.3783	1.2	1.41	1	36.8	0.011	HDPE
MH-1683	MH-1859	570.24	570.54	569.09	569.06	30	150	0.13	1,000.00	0.4807	0.011	1.2	1	1.33	11.2	0.011	HDPE
MH-2940	MH-2941	590.67	590.18	589.33	589.03	30	150	0.78	100	1.52	0.2956	1.1	1.2	1	32.4	0.011	HDPE
MH-1019	MH-2942	570.59	570.93	568.61	568.69	30	271	0.8	374.044	4.1859	1.6214	1.8	1.71	1.97	45.2	0.01	HDPE
MH-2943	MH-2944	582.36	583.05	581.21	581.51	30	150	0.41	100	1.52	0.034	1.2	1	1.39	10.9	0.011	HDPE
MH-2945	MH-2123	584.87	584.19	583.34	583.04	30	150	0.37	100	1.52	0.0241	1.2	1.39	1	9.2	0.011	HDPE
MH-1237	MH-2946	589	588.91	587.62	587.59	30	150	0.32	1,000.00	0.4807	0.2358	1.2	1.23	1.17	45.9	0.011	HDPE
MH-511	MH-2906	584.28	584.69	583.13	583.43	30	150	0.82	100	1.52	0.3462	1.1	1	1.1	35.1	0.011	HDPE
MH-2947	MH-2948	587.55	587.65	586.4	586.5	30	150	0.3	298.704	0.8795	0.0393	1	1	1	14.3	0.011	HDPE
MH-2949	MH-2374	583.25	583.57	582.1	582.07	30	150	0.14	1,000.00	0.4807	0.013	1.2	1	1.35	13.7	0.011	HDPE
MH-2950	MH-1294	586.46	586.23	585.03	584.91	30	217	0.8	254.686	2.8047	0.9271	1.2	1.21	1.11	39.6	0.01	HDPE
MH-2951	MH-2952	582.09	582.73	580.94	580.91	30	150	0.19	1,000.00	0.4807	0.0367	1.3	1	1.66	22.7	0.011	HDPE
MH-2623	MH-2953	569.64	569.25	568.4	568.1	30	150	0.54	100	1.52	0.0804	1	1.09	1	16.7	0.011	HDPE
MH-2954	MH-1236	589.15	589.07	588	587.92	30	150	0.4	373.38	0.7866	0.1519	1	1	1	29.2	0.011	HDPE
MH-1019	MH-2955	570.59	570.23	568.61	568.54	30	271	0.8	414.313	3.9773	1.8752	1.6	1.71	1.43	47.7	0.01	HDPE
MH-594	MH-1937	588.69	587.98	586.81	586.64	30	175	0.84	174.932	1.9069	0.632	1.4	1.7	1.16	43.3	0.01	HDPE
MH-2886	MH-1579	565.28	565.32	564.07	564.04	30	150	0.22	1,000.00	0.4807	0.0664	1.1	1.07	1.13	31.2	0.011	HDPE
MH-2957	MH-2958	572.41	571.97	571.11	570.82	30	150	0.7	100	1.52	0.1948	1.1	1.15	1	26.1	0.011	HDPE
MH-2926	MH-2583	569.93	569.61	568.76	568.46	30	150	0.52	100	1.52	0.0717	1	1.02	1	15.8	0.011	HDPE
MH-2959	MH-2960	587.12	586.87	585.95	585.7	30	175	1.01	118.613	2.3158	0.747	1	1	1	47.5	0.01	HDPE
MH-1026	MH-2961	572.61	572.6	570.74	570.71	30	150	0.27	1,000.00	0.4807	0.1331	1.7	1.73	1.74	36.8	0.011	HDPE
MH-2962	MH-2524	583.53	583.23	581.71	581.74	30	150	0.15	1,000.00	0.4807	0.017	1.5	1.67	1.34	13.8	0.011	HDPE
MH-2963	MH-2964	562.26	561.95	561.1	560.8	30	150	0.66	100	1.52	0.1615	1	1.01	1	28.7	0.011	HDPE
MH-2965	MH-334	587.67	587.44	585.68	585.55	30	217	0.8	232.727	2.9341	0.8213	1.7	1.77	1.67	37.1	0.01	HDPE
MH-2581	MH-2966	570.42	570.1	569.24	568.95	30	150	0.94	100	1.52	0.5735	1	1.02	1	45.8	0.011	HDPE
MH-2967	MH-1250	569.08	568.71	567.86	567.56	30	150	0.78	100	1.52	0.2868	1	1.07	1	31.8	0.011	HDPE
MH-2968	MH-2969	586.18	586.06	585.02	584.91	30	150	0.45	290.973	0.8911	0.156	1	1.02	1	31.8	0.011	HDPE
MH-2970	MH-690	588.76	588.6	587.61	587.45	30	150	0.36	186.69	1.1125	0.0454	1	1	1	15.2	0.011	HDPE

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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
MH-2938	MH-108	570.13	569.54	568.69	568.39	30	150	0.43	100	1.52	0.0382	1.1	1.29	1	11.6	0.011	HDPE
MH-2971	MH-2972	580.95	580.35	579.49	579.2	30	150	1.03	101.46	1.509	0.8407	1.2	1.3	1	56.7	0.011	HDPE
MH-731	MH-2188	589.36	588.81	587.76	587.53	30	150	0.82	129.746	1.3344	0.4768	1.3	1.44	1.13	45.7	0.011	HDPE
MH-2973	MH-247	580.01	579.39	578.41	578.11	30	271	1.48	100	8.0956	2.656	1.2	1.33	1	45	0.01	HDPE
MH-2974	MH-2975	566.7	566.22	565.37	565.07	30	150	0.37	100	1.52	0.0238	1.1	1.18	1	9.2	0.011	HDPE
MH-2976	MH-2977	588.34	587.81	586.28	586.22	30	400	0.8	483.959	9.4485	3.2111	1.4	1.66	1.19	40	0.011	HDPE
MH-2978	MH-37	568.22	567.91	566.94	566.76	17.5	150	0.62	100	1.52	0.1344	1.1	1.14	1	26.2	0.011	HDPE
MH-2782	MH-2504	573.28	572.6	571.75	571.45	30	150	0.76	100	1.52	0.2707	1.2	1.38	1	30.9	0.011	HDPE
MH-2979	MH-1921	585.56	585.32	584.41	584.17	26.8	150	0.64	112.958	1.4302	0.17	1	1	1	24.7	0.011	HDPE
MH-2980	MH-2981	581.23	581.01	580.08	579.86	30	150	0.48	138.404	1.292	0.0794	1	1	1	17.3	0.011	HDPE
MH-2982	MH-2704	591.22	591.72	587.69	587.78	30	271	0.8	339.059	4.3966	1.4172	3.5	3.26	3.67	39.2	0.01	HDPE
MH-2983	MH-2984	581.32	581.09	580.17	579.94	30	150	0.56	130.75	1.3293	0.1284	1	1	1	23.5	0.011	HDPE
MH-2985	MH-2986	565.39	565.49	563.43	563.4	30	150	0.31	1,000.00	0.4807	0.2246	1.9	1.8	1.94	51.5	0.011	HDPE
MH-2987	MH-1720	589.33	589.02	588.13	587.87	30	150	0.81	111.653	1.4385	0.3932	1	1.04	1	38.1	0.011	HDPE
MH-2988	MH-1478	587.38	587.01	586.04	585.74	30	271	1.37	100	8.0956	2.0131	1	1.07	1	38.9	0.01	HDPE
MH-2989	MH-3	583.91	583.49	582.53	582.34	18.6	150	0.38	100	1.52	0.0256	1.1	1.23	1	11.2	0.011	HDPE
MH-2991	MH-2199	566.35	565.81	564.96	564.66	30	150	0.5	100	1.52	0.0638	1.1	1.24	1	14.9	0.011	HDPE
MH-2986	MH-2992	565.49	565.52	563.4	563.37	30	150	0.33	1,000.00	0.4807	0.2731	2	1.94	2	55.1	0.011	HDPE
MH-2993	MH-2566	589.9	589.85	588.75	588.7	30	150	0.3	597.408	0.6219	0.1019	1	1	1	25.4	0.011	HDPE
MH-2571	MH-2836	585.24	585.75	584.09	584.39	30	150	0.64	100	1.52	0.1487	1.1	1	1.21	22.8	0.011	HDPE
MH-2994	MH-1888	582.27	582.55	580.84	580.81	30	150	0.26	1,000.00	0.4807	0.1041	1.4	1.28	1.59	34.9	0.011	HDPE
MH-2995	MH-2996	576.78	575.99	575.14	574.84	30	150	0.94	100	1.52	0.5693	1.2	1.49	1	45.7	0.011	HDPE
MH-2708	MH-2971	581.53	580.95	580.09	579.8	30	150	1.02	100	1.52	0.7888	1.1	1.29	1	54.6	0.011	HDPE
MH-2653	MH-2997	583.87	584.53	582.72	583.02	30	150	0.52	100	1.52	0.0738	1.2	1	1.36	16.1	0.011	HDPE
MH-2998	MH-1165	566.91	566.87	565.76	565.72	30	150	0.2	761.115	0.551	0.0342	1	1	1	18	0.011	HDPE
MH-2620	MH-448	573.19	573.54	572.04	572.33	30	150	0.21	100	1.52	0.0035	1	1	1.06	3.6	0.011	HDPE
MH-2997	MH-2999	584.53	585.24	583.38	583.68	30	150	0.45	100	1.52	0.0459	1.2	1	1.41	12.7	0.011	HDPE
MH-3000	MH-650	566.95	567.24	565.8	566.09	30	150	0.22	103.423	1.4947	0.0043	1	1	1	5.3	0.011	HDPE
MH-3001	MH-2973	580.58	580.01	579.04	578.74	30	271	1.45	100	8.0956	2.4596	1.1	1.27	1	43.2	0.01	HDPE
MH-3002	MH-762	571.43	570.97	569.99	569.8	30	175	0.88	155.771	2.0208	0.6347	1.1	1.27	1	43.5	0.01	HDPE
MH-3003	MH-2931	581.17	580.87	579.77	579.6	30	150	0.8	168.777	1.287	0.4923	1.2	1.25	1.12	47.7	0.01	HDPE
MH-3004	MH-3005	564.18	564.72	562.54	562.51	30	150	0.2	1,000.00	0.4807	0.0446	1.8	1.5	2.07	21.3	0.011	HDPE
MH-3006	MH-1628	569.18	568.87	568.02	567.72	30	150	0.41	100	1.52	0.0336	1	1.01	1	10.9	0.011	HDPE
MH-3007	MH-2991	566.89	566.35	565.5	565.2	30	150	0.36	100	1.52	0.0204	1.1	1.25	1	8.5	0.011	HDPE
MH-3008	MH-3009	568.59	568	567.15	566.85	30	150	0.73	100	1.52	0.2348	1.1	1.29	1	28.8	0.011	HDPE
MH-2606	MH-2647	585.34	584.79	583.82	583.52	30	271	1.43	100	8.0956	2.3552	1.1	1.25	1	42.3	0.01	HDPE
MH-3010	MH-3011	569.34	569.32	568.19	568.16	30	150	0.12	1,000.00	0.4807	0.009	1	1	1.01	11.1	0.011	HDPE
MH-3012	MH-2177	588.7	588.56	587.55	587.41	30	150	0.38	223.673	1.0163	0.065	1	1	1	17.9	0.011	HDPE
MH-3013	MH-3014	572.22	571.76	570.91	570.61	30	150	0.43	100	1.52	0.039	1.1	1.16	1	11.7	0.011	HDPE
MH-2667	MH-1647	587.61	587.44	586.46	586.29	30	150	0.52	183.639	1.1217	0.1464	1	1	1	25.4	0.011	HDPE
MH-3015	MH-3016	563.5	562.92	562.07	561.77	30	150	0.3	100	1.52	0.012	1.1	1.27	1	6.6	0.011	HDPE
MH-208	MH-3017	569.36	569.94	568.21	568.5	29.3	150	0.8	100	1.52	0.3222	1.1	1	1.3	33.9	0.011	HDPE
MH-3018	MH-3019	577.87	577.73	576.72	576.44	29.3	150	0.47	104.437	1.4874	0.0532	1.1	1	1.14	17.8	0.011	HDPE
MH-3020	MH-1412	587.91	587.82	586.76	586.61	30	150	0.8	210.553	1.1523	0.6814	1	1	1.05	54.5	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3021	MH-3022	567.3	566.7	565.84	565.55	30	150	0.24	100	1.52	0.0058	1.2	1.3	1	4.6	0.011	HDPE
MH-2550	MH-3023	592.56	592.8	591.41	591.65	30	150	0.46	124.37	1.363	0.062	1	1	1	17.6	0.011	HDPE
MH-2927	MH-3024	591.42	590.87	589.77	589.47	30	400	1.47	100	20.7858	3.7027	1.1	1.25	1	32.4	0.011	HDPE
MH-2808	MH-2551	583.32	582.76	581.66	581.36	30	400	1.74	100	20.7858	6.7847	1.1	1.26	1	44.5	0.011	HDPE
MH-3025	MH-2553	586.12	586.06	583.16	583.13	30	700	0.96	1,000.00	29.2326	20.1366	2.2	2.26	2.22	58.7	0.011	HDPE
MH-3026	MH-3027	563.52	563.56	562.37	562.41	30	150	0.33	689.291	0.579	0.1519	1	1	1	36	0.011	HDPE
MH-3028	MH-3029	566.68	566.71	565.53	565.5	30	150	0.13	1,000.00	0.4807	0.0107	1	1	1.06	13.6	0.011	HDPE
MH-3030	MH-1128	586.77	586.98	585.38	585.35	30	150	0.23	1,000.00	0.4807	0.0674	1.4	1.24	1.48	30.8	0.011	HDPE
MH-2902	MH-2367	562.6	561.95	561.03	560.73	30	217	1.48	100	4.476	2.6271	1.2	1.35	1	68.9	0.01	HDPE
MH-3032	MH-1991	589.71	589.61	588.5	588.46	30	150	0.35	744.348	0.5571	0.2114	1	1.06	1	36.9	0.011	HDPE
MH-3033	MH-3034	581.88	581.73	580.73	580.58	30	150	0.49	198.619	1.0785	0.138	1	1	1	27.9	0.011	HDPE
MH-3035	MH-3036	572.41	572.14	571.26	570.99	30	150	0.35	112.999	1.4299	0.0213	1	1	1	10.9	0.011	HDPE
MH-2404	MH-3037	584.15	583.81	582.96	582.66	30	150	0.54	100	1.52	0.0818	1	1.04	1	16.9	0.011	HDPE
MH-1107	MH-3038	585.56	585.52	584.41	584.37	30	150	0.19	673.173	0.5859	0.0224	1	1	1	13.8	0.011	HDPE
MH-1810	MH-2582	569.56	569.24	568.39	568.09	30	150	0.49	100	1.52	0.0587	1	1.02	1	14.3	0.011	HDPE
MH-1792	MH-289	583.79	583.59	582.33	582.2	30	175	0.8	224.153	1.6846	0.7469	1.2	1.28	1.22	46.9	0.01	HDPE
MH-3039	MH-1406	577.66	577.2	576.35	576.05	30	150	0.59	100	1.52	0.1108	1.1	1.16	1	19.6	0.011	HDPE
MH-3040	MH-2591	572.67	572.64	571.52	571.49	30	150	0.16	1,000.00	0.4807	0.0202	1	1	1.01	16.1	0.011	HDPE
MH-3041	MH-3042	586.62	586.72	585.36	585.33	30	150	0.2	1,000.00	0.4807	0.0418	1.2	1.1	1.23	21.8	0.011	HDPE
MH-3043	MH-2719	562.96	562.39	561.54	561.24	30	150	0.4	100	1.52	0.0316	1.1	1.27	1	10.5	0.011	HDPE
MH-3044	MH-2594	589	588.75	587.26	587.04	30	150	0.8	133.12	1.3174	0.4598	1.6	1.59	1.56	45.1	0.011	HDPE
MH-2586	MH-3045	588.09	587.82	586.94	586.65	30	150	0.51	102.448	1.5018	0.0717	1	1	1.03	18.4	0.011	HDPE
MH-2207	MH-3046	575.44	574.99	573.43	573.46	30	150	0.22	1,000.00	0.4807	0.0587	1.6	1.86	1.38	35.7	0.011	HDPE
MH-717	MH-3047	566.3	565.76	564.91	564.61	30	150	0.35	100	1.52	0.0195	1.1	1.24	1	8.3	0.011	HDPE
MH-3048	MH-846	586.06	585.74	584.89	584.59	30	150	0.36	100	1.52	0.0206	1	1.03	1	8.6	0.011	HDPE
MH-3049	MH-2603	587.85	587.5	586.65	586.35	30	150	0.51	100	1.52	0.0673	1	1.05	1	18.5	0.011	HDPE
MH-1479	MH-3050	586.7	586.27	585.3	585	30	271	1.42	100	8.0956	2.2842	1.1	1.13	1	41.6	0.01	HDPE
MH-3051	MH-2607	571.76	571.04	570.19	569.89	29.9	150	0.72	100	1.52	0.2159	1.2	1.42	1	27.5	0.011	HDPE
MH-3052	MH-2608	569.67	569.84	568.52	568.69	30	150	0.53	173.054	1.1555	0.1536	1	1	1	24.8	0.011	HDPE
MH-3053	MH-2611	589.48	589.45	588.32	588.29	30	150	0.34	1,000.00	0.4807	0.3135	1	1.01	1.01	47	0.011	HDPE
MH-3054	MH-3055	573.38	572.74	571.88	571.59	30	150	0.77	100	1.52	0.2806	1.2	1.34	1	31.5	0.011	HDPE
MH-2674	MH-856	586.07	586.19	584.64	584.61	30	150	0.22	1,000.00	0.4807	0.0583	1.3	1.28	1.42	24.8	0.011	HDPE
MH-2908	MH-2011	570.3	569.76	568.91	568.61	30	150	0.45	100	1.52	0.044	1.1	1.24	1	12.4	0.011	HDPE
MH-3056	MH-1732	585.19	584.43	583.58	583.28	30	150	0.67	100	1.52	0.1728	1.2	1.46	1	24.6	0.011	HDPE
MH-2876	MH-3057	583.46	583.29	582.19	582.02	30	271	1.05	179.135	6.0487	1.6349	1	1	1	40	0.01	HDPE
MH-3058	MH-3059	587.34	587.12	586.19	585.97	30	150	0.43	137.781	1.295	0.0545	1	1	1	15.7	0.011	HDPE
MH-2628	MH-3060	581.94	582.33	580.79	581.09	30	150	0.46	100	1.52	0.0487	1	1	1.09	13.1	0.011	HDPE
MH-3061	MH-2733	561.92	561.66	560.77	560.51	30	150	0.6	116.468	1.4085	0.1429	1	1	1	26.3	0.011	HDPE
MH-3062	MH-3063	587.24	587.56	586.07	586.37	30	175	1.4	100	2.5221	2.2663	1	1	1.02	82.2	0.01	HDPE
MH-3064	MH-3065	567.09	566.88	565.87	565.67	30	217	1.3	144.835	3.7192	2.8199	1	1	1	70.9	0.01	HDPE
MH-3066	MH-2637	569.69	569.33	568.48	568.18	30	150	0.97	100	1.52	0.6361	1	1.06	1	48.5	0.011	HDPE
MH-3038	MH-3067	585.52	585.45	584.37	584.3	30	150	0.25	438.527	0.7259	0.0329	1	1	1	15.1	0.011	HDPE
MH-3068	MH-1268	587.93	587.13	586.28	585.98	30	150	0.36	100	1.52	0.0204	1.2	1.5	1	8.5	0.011	HDPE
MH-3069	MH-872	562.35	561.78	560.93	560.63	30	150	0.48	100	1.52	0.0536	1.1	1.26	1	13.7	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1582	MH-2643	589.2	589.21	587.81	588.03	30	150	0.44	135.113	1.3077	0.0573	1.1	1.24	1.03	32.2	0.011	HDPE
MH-3029	MH-2561	566.71	566.74	565.5	565.47	30	150	0.18	1,000.00	0.4807	0.0311	1.1	1.06	1.11	19.9	0.011	HDPE
MH-3070	MH-3056	585.93	585.19	584.34	584.04	30	150	0.61	100	1.52	0.127	1.2	1.44	1	21.1	0.011	HDPE
MH-1648	MH-1589	587.34	587.25	586.06	585.77	30	150	0.8	101.311	1.5102	0.3249	1.2	1.13	1.33	37.5	0.011	HDPE
MH-3071	MH-2655	587.47	587.21	586.32	586.06	30	150	0.61	115.971	1.4115	0.1449	1	1	1	26.1	0.011	HDPE
MH-3072	MH-2659	585.8	586.14	584.65	584.95	30	150	0.48	100	1.52	0.0536	1	1	1.04	13.7	0.011	HDPE
MH-3073	MH-2662	589.58	589.77	588.43	588.4	30	150	0.23	1,000.00	0.4807	0.0706	1.1	1	1.21	31.4	0.011	HDPE
MH-3074	MH-3075	574.23	573.74	572.89	572.59	30	150	0.25	100	1.52	0.0068	1.1	1.18	1	5	0.011	HDPE
MH-3076	MH-3077	588.27	588.02	587.08	586.87	30	150	0.48	139.652	1.2863	0.0811	1	1.04	1	19.4	0.011	HDPE
MH-1265	MH-2668	576.9	576.45	572.55	572.52	30	600	0.89	1,000.00	19.3795	15.0685	3.5	3.75	3.33	60.4	0.011	HDPE
MH-2670	MH-3078	587.11	587.37	585.77	585.74	30	150	0.22	1,000.00	0.4807	0.0658	1.3	1.19	1.49	28.4	0.011	HDPE
MH-3079	MH-2645	577.09	577.56	575.94	575.91	33.1	150	0.32	1,000.00	0.4807	0.2477	1.2	1	1.5	44.1	0.011	HDPE
MH-2653	MH-510	583.87	584.12	582.65	582.62	30	150	0.28	1,000.00	0.4807	0.1477	1.2	1.07	1.35	37.9	0.011	HDPE
MH-2772	MH-811	564.64	564.84	563.19	563.16	30	150	0.19	1,000.00	0.4807	0.0366	1.4	1.31	1.53	19.9	0.011	HDPE
MH-3080	MH-2352	571.4	570.96	570.11	569.81	30	150	1.2	100	1.672	1.1462	1.1	1.14	1	65.6	0.01	HDPE
MH-3081	MH-2686	571.06	570.43	569.58	569.28	30	150	0.45	100	1.52	0.0463	1.2	1.33	1	12.7	0.011	HDPE
MH-1856	MH-2688	581.51	582.12	580.36	580.65	30	150	0.57	100	1.52	0.0965	1.2	1	1.32	29.2	0.011	HDPE
MH-3082	MH-3083	582.55	582.03	581.18	580.88	30	150	0.8	100	1.52	0.324	1.1	1.23	1	34	0.011	HDPE
MH-2987	MH-2692	589.33	589.36	588.13	588.16	30	150	0.22	1,000.00	0.4807	0.061	1	1.04	1.05	33.7	0.011	HDPE
MH-3084	MH-3085	589.65	589.6	588.5	588.45	30	150	0.31	597.408	0.6219	0.1094	1	1	1	27.7	0.011	HDPE
MH-3086	MH-1822	575.45	574.93	574.08	573.78	30	150	0.53	100	1.52	0.0754	1.1	1.22	1	16.2	0.011	HDPE
MH-3087	MH-3088	585.64	584.97	582.16	582.01	30	175	0.8	207.335	1.7516	0.6703	3	3.31	2.78	44.4	0.01	HDPE
MH-3089	MH-3090	569.77	569.44	568.59	568.29	30	150	0.58	100	1.52	0.107	1	1.04	1	19.3	0.011	HDPE
MH-3091	MH-209	581.4	580.72	579.87	579.57	30	150	0.48	100	1.52	0.0542	1.2	1.38	1	13.8	0.011	HDPE
MH-3092	MH-3093	579.97	579.73	578.82	578.56	30	150	0.55	114.57	1.4201	0.1008	1	1	1.02	20.9	0.011	HDPE
MH-271	MH-1581	574.16	573.74	572.88	572.59	30	150	1.08	100	1.52	0.9835	1.1	1.13	1	61.8	0.011	HDPE
MH-3094	MH-3018	578.16	577.87	577.01	576.72	30	150	0.42	102.406	1.5021	0.0359	1	1	1	13.3	0.011	HDPE
MH-3095	MH-2705	569.19	568.75	567.9	567.6	30	150	0.26	100	1.52	0.0077	1.1	1.14	1	5.3	0.011	HDPE
MH-800	MH-2707	582.56	582.05	581.19	580.9	30	150	1	100	1.52	0.7191	1.1	1.21	1	51.9	0.011	HDPE
MH-3096	MH-3097	573.33	572.54	571.14	570.84	30	700	2.43	100	92.4417	26.1968	1.2	1.49	1	42.7	0.011	HDPE
MH-3098	MH-2715	579.66	578.96	578.11	577.81	30	150	0.8	100	1.52	0.3241	1.2	1.4	1	34	0.011	HDPE
MH-3099	MH-2717	589.71	589.21	587.44	587.37	30	271	0.8	406.985	4.0129	1.8285	1.8	2	1.57	44.6	0.01	HDPE
MH-3100	MH-3101	592.36	592.33	591.21	591.18	30	150	0.27	1,000.00	0.4807	0.1331	1	1	1	36	0.011	HDPE
MH-3102	MH-2724	568.74	568.6	567.59	567.45	30	150	0.31	227.626	1.0075	0.035	1	1	1	16.4	0.011	HDPE
MH-3103	MH-1229	591.12	591.16	589.57	589.54	30	150	0.31	1,000.00	0.4807	0.2135	1.4	1.41	1.47	46.3	0.011	HDPE
MH-2274	MH-857	586.23	586.25	584.32	584.07	29.3	150	0.8	114.4	1.4211	0.3802	1.9	1.75	2.04	42.4	0.011	HDPE
MH-3104	MH-2728	571.15	571.06	570	569.91	30	150	0.17	309.347	0.8642	0.0064	1	1	1	7.3	0.011	HDPE
MH-3105	MH-2730	577.73	578.18	576.58	576.55	30	150	0.18	1,000.00	0.4807	0.0336	1.2	1	1.48	19.2	0.011	HDPE
MH-3106	MH-2732	590.45	590.77	589.3	589.27	30	150	0.22	1,000.00	0.4807	0.0591	1.2	1	1.35	25.6	0.011	HDPE
MH-3107	MH-3061	562.18	561.92	561.03	560.77	30	150	0.51	116.163	1.4103	0.079	1	1	1	21	0.011	HDPE
MH-2278	MH-2737	569.29	568.99	568.01	567.71	30	271	1.36	100	8.0956	1.9256	1	1.01	1	38	0.01	HDPE
MH-1889	MH-3108	582.82	583.18	580.79	580.76	30	150	0.32	1,000.00	0.4807	0.2266	2.1	1.88	2.27	48.8	0.011	HDPE
MH-3109	MH-376	567.77	567.6	566.5	566.32	30	271	1.13	170.521	6.1996	1.9902	1	1	1	44	0.01	HDPE
MH-1922	MH-2744	584.38	583.65	582.77	582.5	27.4	150	0.3	100	1.52	0.0122	1.2	1.46	1	6.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2745	MH-1685	567.04	567	565.64	565.58	30	400	0.8	484.11	9.447	3.2119	1	1	1.02	39.8	0.011	HDPE
MH-3110	MH-3111	589.69	589.5	588.54	588.35	30	150	0.34	158.535	1.2072	0.0292	1	1	1	17.2	0.011	HDPE
MH-3112	MH-3113	563.55	563.55	562.39	562.36	30	150	0.21	1,000.00	0.4807	0.0539	1	1.02	1.04	25.7	0.011	HDPE
MH-3116	MH-3117	562.06	561.87	560.91	560.72	30	150	0.6	153.416	1.2272	0.1932	1	1	1	30.7	0.011	HDPE
MH-3118	MH-2757	587.95	587.6	586.75	586.45	30	150	0.31	100	1.52	0.0136	1	1.05	1	11.2	0.011	HDPE
MH-560	MH-1700	580.83	580.37	579.02	578.93	30	217	0.8	338.951	2.4312	1.3899	1.4	1.59	1.22	51.3	0.01	HDPE
MH-3120	MH-3121	581.36	581.11	580.21	579.96	30	150	0.37	119.133	1.3926	0.028	1	1	1	11.6	0.011	HDPE
MH-2740	MH-2263	577.36	577.13	576.21	575.98	30	150	0.47	132.52	1.3204	0.0697	1	1	1	18.6	0.011	HDPE
MH-3122	MH-1571	575.44	574.82	573.97	573.67	30	150	0.69	100	1.52	0.1871	1.2	1.31	1	25.6	0.011	HDPE
MH-2800	MH-2773	574.88	575.31	573.73	574.03	30	150	1.01	100	1.52	0.746	1.1	1	1.13	52.9	0.011	HDPE
MH-2695	MH-3084	589.7	589.65	588.55	588.5	30	150	0.27	597.408	0.6219	0.0696	1	1	1	25.2	0.011	HDPE
MH-3117	MH-3123	561.87	561.66	560.72	560.51	30	150	0.66	146.526	1.2557	0.2656	1	1	1	35.5	0.011	HDPE
MH-864	MH-3124	582.37	582.05	581.2	580.9	30	150	0.45	100	1.52	0.0456	1	1.03	1	12.7	0.011	HDPE
MH-2187	MH-1735	587.3	587.22	586.15	586.07	30	150	0.39	364.351	0.7963	0.1304	1	1	1	25.6	0.011	HDPE
MH-2710	MH-3125	575.67	576.16	573.45	573.42	30	150	0.33	1,000.00	0.4807	0.2829	2.3	2.07	2.59	45.5	0.011	HDPE
MH-3126	MH-2696	567.87	567.85	566.67	566.64	30	150	0.2	1,000.00	0.4807	0.0421	1.1	1.05	1.06	22.5	0.011	HDPE
MH-477	MH-2409	573.87	573.33	572	571.76	30	150	0.8	123.361	1.3686	0.4182	1.6	1.72	1.42	42.5	0.011	HDPE
MH-3127	MH-3030	586.56	586.77	585.41	585.38	30	150	0.2	1,000.00	0.4807	0.0444	1.1	1	1.24	23.1	0.011	HDPE
MH-3128	MH-3129	588.99	589.11	587.84	587.81	30	150	0.19	1,000.00	0.4807	0.0365	1.1	1	1.15	21.6	0.011	HDPE
MH-1090	MH-1643	568.04	567.72	566.59	566.54	30	150	0.23	553.663	0.646	0.0379	1.2	1.3	1.03	14.8	0.011	HDPE
MH-3130	MH-2788	567.1	567.13	565.9	565.87	30	150	0.2	1,000.00	0.4807	0.042	1.1	1.05	1.11	22.2	0.011	HDPE
MH-3131	MH-2896	582.11	581.41	580.55	580.26	30	150	0.4	100	1.52	0.0295	1.2	1.41	1	10.2	0.011	HDPE
MH-3132	MH-3133	578.59	578.12	574.67	574.64	30	600	0.89	1,000.00	19.3795	14.4901	3.1	3.32	2.87	60.6	0.011	HDPE
MH-3134	MH-2794	589.59	589.67	588.44	588.52	30	150	0.26	373.38	0.7866	0.0338	1	1	1	15	0.011	HDPE
MH-3135	MH-2796	589.21	589.26	588.04	588.01	30	150	0.25	1,000.00	0.4807	0.0893	1.1	1.02	1.1	31.8	0.011	HDPE
MH-2107	MH-870	560.65	560.69	559.5	559.54	30	150	0.27	762.3	0.5505	0.0906	1	1	1	36.4	0.011	HDPE
MH-3136	MH-1049	586.51	586.52	583.86	583.89	30	600	0.9	1,000.00	19.3795	15.6071	2	2.04	2.03	67.2	0.011	HDPE
MH-3137	MH-1994	579.16	579.62	577.53	577.5	30	150	0.17	1,000.00	0.4807	0.0246	1.7	1.48	1.97	16.8	0.011	HDPE
MH-2888	MH-3092	580.22	579.97	579.07	578.82	30	150	0.52	121.198	1.3807	0.0886	1	1	1	19.6	0.011	HDPE
MH-2716	MH-1656	578.24	577.51	576.66	576.36	30	150	0.83	100	1.52	0.3597	1.2	1.43	1	35.8	0.011	HDPE
MH-3138	MH-824	566.17	565.72	563.08	563.05	30	150	0.26	1,000.00	0.4807	0.1098	2.7	2.94	2.52	32.4	0.011	HDPE
MH-3139	MH-3140	588.71	588.16	587.06	586.76	30	400	1.52	100	20.7858	4.1359	1.1	1.26	1	34.3	0.011	HDPE
MH-3141	MH-3142	579.87	579.1	578.24	577.95	30	150	0.27	100	1.52	0.0086	1.2	1.48	1	5.6	0.011	HDPE
MH-3143	MH-3144	590.09	590.47	588.63	588.6	30	150	0.27	1,000.00	0.4807	0.1238	1.5	1.31	1.72	41.4	0.011	HDPE
MH-3145	MH-3146	589.54	589.68	587.73	587.7	30	150	0.3	1,000.00	0.4807	0.178	1.7	1.66	1.83	36.7	0.011	HDPE
MH-2817	MH-3147	589.25	589.2	586.78	586.72	30	400	0.8	499.376	10.2316	2.6007	2.1	2.07	2.08	34.3	0.01	HDPE
MH-3148	MH-3149	575.23	575.64	574.08	574.38	30	150	0.3	100	1.52	0.0121	1.1	1	1.11	6.6	0.011	HDPE
MH-3150	MH-2823	564.16	564.08	562.94	562.85	30	217	0.8	336.931	2.4385	1.3767	1	1	1.01	51	0.01	HDPE
MH-1828	MH-2979	586.05	585.56	584.71	584.41	30	150	0.65	100	1.52	0.1515	1.1	1.2	1	25.7	0.011	HDPE
MH-3151	MH-2761	589.6	589.7	588.17	588.32	30	175	0.8	197.743	1.7936	0.6253	1.2	1.25	1.2	43.6	0.01	HDPE
MH-3152	MH-2828	576.71	577.1	575.14	575.11	30	150	0.33	1,000.00	0.4807	0.2556	1.6	1.42	1.84	52.3	0.011	HDPE
MH-3153	MH-3154	585.81	585.79	584.56	584.53	30	150	0.25	1,000.00	0.4807	0.0941	1.1	1.1	1.11	30.9	0.011	HDPE
MH-367	MH-1584	572.45	572.07	571.06	570.89	30	150	0.8	176.854	1.2573	0.524	1.1	1.24	1.03	47.6	0.01	HDPE
MH-2833	MH-2053	574.25	574.28	572.24	572.11	30	175	0.8	219.019	1.7042	0.7217	1.9	1.84	2	46.1	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3155	MH-2915	576.34	576.76	575.19	575.49	30	150	0.33	100	1.52	0.0156	1.1	1	1.12	7.5	0.011	HDPE
MH-3022	MH-3156	566.7	566.2	565.35	565.05	30	150	0.3	100	1.52	0.0123	1.1	1.19	1	9.6	0.011	HDPE
MH-3157	MH-1197	587.42	587.2	586.27	586.05	30	150	0.57	135.08	1.3078	0.1384	1	1	1	24.6	0.011	HDPE
MH-3158	MH-3115	582.41	582.08	581.23	580.93	30	150	0.65	100	1.52	0.1559	1	1.03	1	23.3	0.011	HDPE
MH-441	MH-2840	588.15	587.89	587	586.74	30	150	0.52	115.071	1.417	0.0851	1	1	1	19.5	0.011	HDPE
MH-3159	MH-1267	581.6	581.51	580.45	580.36	30	150	0.37	331.794	0.8345	0.0953	1	1	1	21.6	0.011	HDPE
MH-3160	MH-2847	567.58	568.18	566.32	566.46	30	175	0.8	223.963	1.6853	0.7459	1.3	1.08	1.55	46.3	0.01	HDPE
MH-1562	MH-2848	586.27	586.34	584.87	584.84	30	150	0.27	1,000.00	0.4807	0.1238	1.3	1.25	1.35	36	0.011	HDPE
MH-3161	MH-102	584.74	584.22	583.37	583.07	30	150	0.7	100	1.52	0.1948	1.1	1.22	1	26.1	0.011	HDPE
MH-1171	MH-422	589.37	588.88	588.03	587.73	30	150	0.87	100	1.52	0.4262	1.1	1.2	1	39.1	0.011	HDPE
MH-3162	MH-2851	592.38	592.38	590.71	590.87	30	175	0.8	187.191	1.8434	0.5822	1.4	1.5	1.33	43.4	0.01	HDPE
MH-1814	MH-2853	584.5	584.03	583.18	582.88	30	150	0.6	100	1.52	0.1149	1.1	1.17	1	20	0.011	HDPE
MH-3163	MH-2856	563.42	562.84	561.99	561.69	30	150	0.33	100	1.52	0.0172	1.1	1.27	1	7.8	0.011	HDPE
MH-3164	MH-185	591.72	591.22	590.37	590.07	30	150	0.43	100	1.52	0.039	1.1	1.2	1	11.7	0.011	HDPE
MH-3165	MH-2450	582.83	583.14	581.68	581.65	30	150	0.12	1,000.00	0.4807	0.0085	1.2	1	1.33	11	0.011	HDPE
MH-3166	MH-2196	586.06	586.03	584.91	584.88	30	150	0.22	963.379	0.4897	0.0567	1	1	1	25.1	0.011	HDPE
MH-3167	MH-3168	571.28	571.15	569.58	569.45	30	700	1.83	221.949	62.05	26.856	1	1	1	49.6	0.011	HDPE
MH-3169	MH-1777	572.79	572.14	571.29	570.99	30	150	0.28	100	1.52	0.0092	1.2	1.35	1	5.8	0.011	HDPE
MH-3170	MH-590	578.56	578.08	577.23	576.93	30	150	0.58	100	1.52	0.1044	1.1	1.18	1	19.1	0.011	HDPE
MH-3171	MH-3172	582.19	581.51	580.66	580.36	30	150	0.6	100	1.52	0.1184	1.2	1.39	1	20.3	0.011	HDPE
MH-3173	MH-577	591.81	591.3	590.45	590.15	30	150	1.08	100	1.672	0.7493	1.1	1.21	1	51.7	0.01	HDPE
MH-3174	MH-1638	586.1	586.5	584.6	584.78	17.7	500	1.86	100	37.6871	9.2006	1.1	1	1.22	44.2	0.011	HDPE
MH-3175	MH-1184	575.68	575.19	574.34	574.04	30	150	0.56	100	1.52	0.0948	1.1	1.19	1	18.2	0.011	HDPE
MH-3176	MH-3175	576.18	575.68	574.83	574.53	30	150	0.5	100	1.52	0.0651	1.1	1.2	1	15.1	0.011	HDPE
MH-3156	MH-1093	566.2	566.46	565.05	565.31	30	150	0.34	115.724	1.413	0.0196	1	1	1	10.5	0.011	HDPE
MH-3180	MH-3179	563.5	563.83	561.86	561.83	30	150	0.2	1,000.00	0.4807	0.0451	1.7	1.5	1.85	23.3	0.011	HDPE
MH-2790	MH-1760	564.29	563.83	562.91	562.61	30	217	1.19	100	4.476	1.1526	1.1	1.17	1	39.2	0.01	HDPE
MH-3182	MH-2437	585.41	585.07	584.22	583.92	30	150	0.35	100	1.52	0.0188	1	1.04	1	8.2	0.011	HDPE
MH-841	MH-2746	573.55	573.21	572.36	572.06	30	150	0.61	100	1.52	0.1264	1	1.04	1	21	0.011	HDPE
MH-3183	MH-3184	580.87	580.65	579.72	579.5	30	150	0.43	132.7	1.3195	0.0519	1	1	1	15.2	0.011	HDPE
MH-2024	MH-1388	569.37	569.69	567.03	567	30	150	0.2	1,000.00	0.4807	0.0469	2.4	2.19	2.54	21.3	0.011	HDPE
MH-3185	MH-2751	571.22	570.63	569.78	569.48	30	150	0.3	100	1.52	0.0116	1.1	1.29	1	6.4	0.011	HDPE
MH-3014	MH-2062	571.76	571.21	570.36	570.06	30	150	0.5	100	1.52	0.0621	1.1	1.25	1	14.7	0.011	HDPE
MH-3186	MH-3131	582.83	582.11	581.26	580.96	30	150	0.3	100	1.52	0.0124	1.2	1.41	1	6.7	0.011	HDPE
MH-3187	MH-2897	574.85	575.28	572.52	572.49	30	150	0.21	1,000.00	0.4807	0.0503	2.4	2.18	2.64	23.2	0.011	HDPE
MH-3090	MH-2967	569.44	569.08	568.22	567.93	30	150	0.7	100	1.52	0.2006	1	1.06	1	26.5	0.011	HDPE
MH-2557	MH-2602	570.49	570.05	569.2	568.9	30	150	0.42	100	1.52	0.0343	1.1	1.14	1	11	0.011	HDPE
MH-3188	MH-524	583.28	582.98	582.12	581.83	30	150	0.93	100	1.52	0.5381	1	1.01	1	48.2	0.011	HDPE
MH-3189	MH-2491	572.58	572.28	571.42	571.13	30	150	0.27	100	1.52	0.0079	1	1.01	1	7.3	0.011	HDPE
MH-3190	MH-2910	582.75	582.04	580.02	579.93	30	700	1.54	326.39	51.1681	24.0267	1.7	2.03	1.41	47.2	0.011	HDPE
MH-248	MH-2914	579.16	578.77	577.79	577.49	30	271	1.54	100	7.3597	4.0495	1	1.09	1	58	0.011	HDPE
MH-1273	MH-336	572.67	572.01	571.16	570.86	30	150	0.44	100	1.52	0.0424	1.2	1.36	1	12.2	0.011	HDPE
MH-3191	MH-2917	567.06	567.06	565.72	565.74	20.4	150	0.28	1,000.00	0.4807	0.1483	1.2	1.19	1.17	43	0.011	HDPE
MH-2049	MH-3192	587.46	587.23	586.31	586.08	30	150	0.87	134.894	1.4396	0.4917	1	1	1	46.5	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3193	MH-2921	582.28	581.97	581.12	580.82	30	150	0.39	100	1.52	0.028	1	1.01	1	9.9	0.011	HDPE
MH-3194	MH-3195	586.59	586.31	585.19	584.91	30	400	1.43	107.536	20.0442	3.7013	1	1	1	36.8	0.011	HDPE
MH-3196	MH-1264	577.64	577.17	574.61	574.58	30	600	0.89	1,000.00	19.3795	14.6528	2.2	2.43	1.98	56.5	0.011	HDPE
MH-2804	MH-2003	587.12	586.88	585.37	585.25	30	217	0.8	242.448	2.8746	0.8625	1.5	1.53	1.41	38.2	0.01	HDPE
MH-3197	MH-905	567.95	567.78	566.25	566.08	30	700	1.99	184.191	68.1135	28.2657	1	1	1	50.9	0.011	HDPE
MH-3198	MH-1163	572.7	573.09	571.55	571.52	30	150	0.13	1,000.00	0.4807	0.0096	1.2	1	1.42	12.2	0.011	HDPE
MH-1515	MH-2821	580.42	580.03	579.18	578.88	30	150	0.64	100	1.52	0.1455	1	1.1	1	22.5	0.011	HDPE
MH-3199	MH-2930	576.9	576.52	575.67	575.37	30	150	0.74	100	1.52	0.2376	1	1.09	1	29	0.011	HDPE
MH-3200	MH-3201	582.97	582.57	581.72	581.42	30	150	0.43	100	1.52	0.0379	1.1	1.1	1	11.5	0.011	HDPE
MH-767	MH-2932	585.84	585.21	584.35	584.06	30	150	0.54	100	1.52	0.0836	1.2	1.34	1	17.1	0.011	HDPE
MH-3202	MH-2877	589.87	589.78	588.72	588.63	30	150	0	331.893	0.8344	0	1	1	1	0	0.011	HDPE
MH-3203	MH-2937	571.29	570.71	569.86	569.56	30	150	0.3	100	1.52	0.0121	1.1	1.27	1	6.6	0.011	HDPE
MH-2942	MH-3204	570.93	571.31	568.69	568.77	30	271	0.8	373.111	4.1911	1.6162	2.1	1.97	2.27	42.6	0.01	HDPE
MH-1712	MH-2943	581.64	582.36	580.49	580.79	30	150	0.51	100	1.52	0.0702	1.2	1	1.43	21.4	0.011	HDPE
MH-3205	MH-832	585.64	585.64	584.49	584.46	30	150	0.22	1,000.00	0.4807	0.0647	1	1	1.03	26.9	0.011	HDPE
MH-3206	MH-2577	580.96	580.56	579.71	579.41	30	150	0.37	100	1.52	0.0224	1	1.1	1	8.9	0.011	HDPE
MH-2187	MH-2947	587.3	587.55	586.15	586.4	30	150	0.44	119.482	1.3906	0.0514	1	1	1	20.7	0.011	HDPE
MH-3207	MH-3208	575.09	574.58	573.73	573.43	30	150	0.25	100	1.52	0.0068	1.1	1.22	1	5	0.011	HDPE
MH-2004	MH-2950	586.68	586.46	585.15	585.03	30	217	0.8	251.808	2.8207	0.906	1.3	1.32	1.21	39.2	0.01	HDPE
MH-3209	MH-3210	586.73	586.81	585.58	585.55	30	150	0.16	1,000.00	0.4807	0.0197	1.1	1	1.11	16.1	0.011	HDPE
MH-3211	MH-3212	575.39	575.77	573.73	573.58	30	175	0.8	200.609	1.7807	0.6383	1.7	1.48	2.01	43.5	0.01	HDPE
MH-3213	MH-3188	583.62	583.28	582.43	582.13	30	150	0.91	100	1.52	0.5128	1	1.03	1	43.2	0.011	HDPE
MH-1338	MH-2957	572.86	572.41	571.56	571.26	30	150	0.67	100	1.52	0.1754	1.1	1.15	1	24.8	0.011	HDPE
MH-3214	MH-3215	570.79	570.96	569.64	569.81	30	150	0.32	170.581	1.1638	0.0266	1	1	1	11.9	0.011	HDPE
MH-2961	MH-1563	572.6	572.81	570.71	570.68	30	150	0.28	1,000.00	0.4807	0.1489	1.9	1.74	1.98	38.8	0.011	HDPE
MH-1694	MH-1296	573.87	574.03	572.61	572.47	30	175	0.8	212.01	1.7322	0.6899	1.2	1.09	1.38	44.9	0.01	HDPE
MH-3216	MH-3217	578.02	577.86	576.87	576.71	30	150	0.22	194.436	1.0901	0.0091	1	1	1	8.5	0.011	HDPE
MH-2029	MH-2965	587.89	587.67	585.81	585.68	30	217	0.8	229.793	2.9527	0.8075	1.8	1.87	1.77	36.8	0.01	HDPE
MH-2859	MH-317	567.48	567.48	566.23	565.97	30	150	0.8	114.843	1.4184	0.3821	1.2	1.1	1.35	40.8	0.011	HDPE
MH-2698	MH-604	589.89	590.13	588.52	588.49	30	150	0.21	1,000.00	0.4807	0.0511	1.4	1.22	1.49	27.1	0.011	HDPE
MH-2322	MH-2391	570.13	569.85	568.88	568.7	18.2	150	0.46	100	1.52	0.0467	1	1.1	1	12.8	0.011	HDPE
MH-3218	MH-1749	564.35	563.87	562.79	562.6	30	271	1.14	153.136	6.542	1.8028	1.1	1.28	1	38.6	0.01	HDPE
MH-290	MH-3219	583.49	583.33	580.81	580.69	30	217	0.8	254.531	2.8056	0.9264	2.4	2.47	2.42	40	0.01	HDPE
MH-3220	MH-2976	588.58	588.34	586.35	586.28	30	400	0.8	476.567	9.5215	3.146	1.7	1.83	1.66	39.4	0.011	HDPE
MH-3221	MH-3222	567.06	566.63	565.78	565.48	30	150	0.4	100	1.52	0.0316	1.1	1.13	1	10.5	0.011	HDPE
MH-3042	MH-1704	586.72	586.7	585.33	585.3	30	150	0.22	1,000.00	0.4807	0.0611	1.2	1.23	1.25	24.8	0.011	HDPE
MH-3223	MH-2980	581.44	581.23	580.29	580.08	30	150	0.43	138.365	1.2922	0.0572	1	1	1	16.5	0.011	HDPE
MH-3224	MH-2982	590.72	591.22	587.61	587.69	30	271	0.8	349.527	4.3302	1.4827	3	2.84	3.26	40.4	0.01	HDPE
MH-3225	MH-2894	580.86	580.64	579.71	579.49	30	150	0.58	134.746	1.3095	0.153	1	1	1	25.6	0.011	HDPE
MH-3226	MH-2879	565.81	565.79	564.66	564.63	30	150	0.17	1,000.00	0.4807	0.0263	1	1	1.01	20.7	0.011	HDPE
MH-1781	MH-2989	584.32	583.91	583.06	582.76	30	150	0.37	100	1.52	0.0222	1.1	1.12	1	8.9	0.011	HDPE
MH-2977	MH-3227	587.81	587.62	586.22	586.16	30	400	0.8	491.632	9.3745	3.2789	1.1	1.19	1.06	40.5	0.011	HDPE
MH-3228	MH-2559	589.74	589.64	588.59	588.49	30	150	0.41	298.704	0.8795	0.1169	1	1	1	26.2	0.011	HDPE
MH-3229	MH-2994	582.02	582.27	580.87	580.84	30	150	0.24	1,000.00	0.4807	0.0815	1.1	1	1.28	29.8	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1702	MH-2995	577.53	576.78	575.93	575.63	30	150	0.93	100	1.52	0.5478	1.2	1.45	1	44.7	0.011	HDPE
MH-3034	MH-3230	581.73	581.62	580.58	580.47	30	150	0.5	272.796	0.9203	0.2096	1	1	1	32	0.011	HDPE
MH-3231	MH-2916	585.94	586	584.79	584.76	30	150	0.16	1,000.00	0.4807	0.019	1	1	1.09	17.7	0.011	HDPE
MH-3232	MH-2779	587.74	587.74	586.59	586.56	30	150	0.24	1,000.00	0.4807	0.0841	1	1	1.03	32.5	0.011	HDPE
MH-823	MH-2731	584.85	585.15	583.7	584	30	150	0.51	100	1.52	0.0677	1	1	1	15.4	0.011	HDPE
MH-1094	MH-3000	566.67	566.95	565.52	565.8	30	150	0.28	105.043	1.4831	0.0102	1	1	1	6.1	0.011	HDPE
MH-3233	MH-3004	564	564.18	562.57	562.54	30	150	0.19	1,000.00	0.4807	0.0368	1.4	1.28	1.5	19.4	0.011	HDPE
MH-1415	MH-3234	583.7	583.17	580.72	580.48	30	150	0.8	127.286	1.3473	0.4333	2.7	2.84	2.54	43.6	0.011	HDPE
MH-3235	MH-1868	566.71	566.03	565.18	564.88	30	150	0.94	100	1.52	0.5648	1.2	1.38	1	45.5	0.011	HDPE
MH-3050	MH-2605	586.27	585.86	584.89	584.59	30	271	1.42	100	8.0956	2.3068	1.1	1.11	1	41.8	0.01	HDPE
MH-3077	MH-2666	588.02	587.79	586.87	586.64	30	150	0.53	128.856	1.3391	0.105	1	1	1	21.8	0.011	HDPE
MH-3236	MH-3237	588.43	588.2	587.23	586.97	30	150	0.8	113.927	1.4241	0.373	1.1	1.05	1.07	40.8	0.011	HDPE
MH-3238	MH-3239	581.6	581.01	579.91	579.61	30	400	1.75	100	20.7858	6.9349	1.1	1.29	1	45	0.011	HDPE
MH-3240	MH-3025	586.18	586.12	583.19	583.16	30	700	0.96	1,000.00	29.2326	20.1075	2.3	2.29	2.26	59.1	0.011	HDPE
MH-3242	MH-1554	589.5	589.5	588.35	588.32	30	150	0.25	1,000.00	0.4807	0.1021	1	1	1.03	36	0.011	HDPE
MH-3243	MH-2648	587.07	587.15	585.92	586	39.9	150	0.3	511.488	0.6721	0.0763	1	1	1	20	0.011	HDPE
MH-3067	MH-2574	585.45	585.32	584.3	584.17	30	150	0.36	235.968	0.9895	0.0556	1	1	1	17.2	0.011	HDPE
MH-1440	MH-3244	571.32	571.93	570.17	570.47	30	150	0.63	100	1.52	0.14	1.2	1	1.3	22.1	0.011	HDPE
MH-1230	MH-2940	591.17	590.67	589.52	589.33	30	150	0.65	155.017	1.2208	0.2668	1.3	1.5	1.2	34.2	0.011	HDPE
MH-3036	MH-3245	572.14	571.93	570.99	570.78	30	150	0.38	141.159	1.2794	0.0395	1	1	1	14	0.011	HDPE
MH-3246	MH-3041	586.54	586.62	585.39	585.36	30	150	0.15	1,000.00	0.4807	0.0176	1.1	1	1.1	16.3	0.011	HDPE
MH-3247	MH-3043	563.53	562.96	562.11	561.81	30	150	0.31	100	1.52	0.0126	1.1	1.27	1	6.8	0.011	HDPE
MH-3248	MH-3044	589.04	589	587.51	587.26	30	150	0.8	121.138	1.381	0.4054	1.5	1.38	1.59	42.9	0.011	HDPE
MH-3249	MH-3242	589.55	589.5	588.4	588.35	30	150	0.27	597.408	0.6219	0.07	1	1	1	27.2	0.011	HDPE
MH-3250	MH-3048	586.35	586.06	585.2	584.91	30	150	0.31	104.661	1.4858	0.0144	1	1	1	7.3	0.011	HDPE
MH-2654	MH-1736	587.25	587.05	586.1	585.9	30	150	0.51	150.122	1.2406	0.1128	1	1	1	27.5	0.011	HDPE
MH-2941	MH-1170	590.18	589.68	588.83	588.53	30	150	0.81	100	1.52	0.3338	1.1	1.2	1	34.5	0.011	HDPE
MH-3251	MH-3053	589.5	589.48	588.35	588.32	30	150	0.33	1,000.00	0.4807	0.2827	1	1	1.01	55.4	0.011	HDPE
MH-2613	MH-3054	573.95	573.38	572.53	572.23	30	150	0.75	100	1.52	0.2491	1.1	1.28	1	29.6	0.011	HDPE
MH-784	MH-2900	582.05	581.65	580.77	580.38	38.6	271	1.42	100	8.0956	2.2743	1	1.01	1	41.5	0.01	HDPE
MH-3252	MH-3107	562.43	562.18	561.28	561.03	30	150	0.37	115.916	1.4118	0.0287	1	1	1	14.3	0.011	HDPE
MH-1028	MH-3064	567.24	567.09	566.02	565.87	30	217	1.12	201.481	3.1534	2.5614	1	1	1	68.9	0.01	HDPE
MH-2638	MH-2625	573.83	574.3	571.47	571.44	30	150	0.23	1,000.00	0.4807	0.0726	2.5	2.21	2.7	27.4	0.011	HDPE
MH-2642	MH-3069	562.92	562.35	561.49	561.2	30	150	0.41	100	1.52	0.0328	1.1	1.27	1	10.7	0.011	HDPE
MH-3253	MH-544	577.99	577.99	576.81	576.78	30	150	0.31	1,000.00	0.4807	0.2189	1	1.03	1.06	46.3	0.011	HDPE
MH-3177	MH-3062	586.98	587.24	585.8	586.07	30	175	1.34	111.582	2.3877	2.2832	1	1	1	79.5	0.01	HDPE
MH-3254	MH-3255	578.63	577.9	576.5	576.2	30	700	2.41	100	92.4417	25.4452	1.2	1.43	1	42	0.011	HDPE
MH-3256	MH-3071	587.81	587.47	586.62	586.32	30	150	0.56	100	1.52	0.0914	1	1.04	1	21.8	0.011	HDPE
MH-2084	MH-3072	585.34	585.8	584.19	584.49	30	150	0.55	100	1.52	0.0868	1.1	1	1.16	17.4	0.011	HDPE
MH-3257	MH-2569	589.25	589.22	588.1	588.07	30	150	0.14	995.68	0.4817	0.0143	1	1	1	15.6	0.011	HDPE
MH-1688	MH-2665	583.96	583.42	582.57	582.27	30	150	0.52	100	1.52	0.0718	1.1	1.24	1	15.9	0.011	HDPE
MH-3258	MH-2612	588.65	588.5	587.5	587.35	30	150	0.35	199.136	1.0771	0.0439	1	1	1	14.8	0.011	HDPE
MH-3259	MH-3260	579.84	579.61	578.69	578.46	30	150	1.04	129.779	1.4677	0.9658	1	1	1	67.3	0.01	HDPE
MH-3261	MH-2681	565.93	565.96	564.78	564.75	30	150	0.14	1,000.00	0.4807	0.0121	1	1	1.06	14.3	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3262	MH-2556	570.88	570.77	569.73	569.62	30	150	0.19	290.271	0.8922	0.0093	1	1	1	8.2	0.011	HDPE
MH-2972	MH-3263	580.35	579.75	578.9	578.6	30	150	1.05	100	1.52	0.8792	1.1	1.3	1	58	0.011	HDPE
MH-3264	MH-3082	583.08	582.55	581.7	581.4	30	150	0.77	100	1.52	0.282	1.1	1.23	1	31.6	0.011	HDPE
MH-685	MH-3265	573.47	573.21	570.96	570.88	30	271	0.8	383.203	4.1356	1.6742	2.1	2.24	2.05	44.1	0.01	HDPE
MH-3266	MH-2711	584.29	583.59	581.87	581.74	30	175	0.8	215.358	1.7186	0.7048	2	2.24	1.68	45.4	0.01	HDPE
MH-3267	MH-3091	582.08	581.4	580.55	580.25	30	150	0.44	100	1.52	0.042	1.2	1.38	1	12.1	0.011	HDPE
MH-3269	MH-3094	578.53	578.16	577.31	577.01	30	150	0.33	100	1.52	0.0163	1	1.07	1	10	0.011	HDPE
MH-2051	MH-2632	585.16	585.29	583.9	583.87	30	150	0.25	1,000.00	0.4807	0.1016	1.2	1.11	1.27	33	0.011	HDPE
MH-630	MH-446	573.98	573.69	572.83	572.54	30	150	0.42	103.379	1.495	0.0383	1	1	1	11.6	0.011	HDPE
MH-3270	MH-3271	589.55	589.5	587.9	587.76	30	175	0.8	229.263	1.6657	0.7726	1.5	1.48	1.56	47.3	0.01	HDPE
MH-1385	MH-3272	580.24	579.38	578.52	578.23	30	150	0.45	100	1.52	0.0447	1.3	1.56	1	12.5	0.011	HDPE
MH-3273	MH-3102	569.29	568.74	567.88	567.59	30	150	0.38	100	1.52	0.026	1.1	1.26	1	11.4	0.011	HDPE
MH-3274	MH-3275	580.81	580.08	578.68	578.38	30	700	2.38	100	92.4417	24.355	1.2	1.43	1	41.1	0.011	HDPE
MH-3276	MH-3277	570.09	570.06	568.65	568.62	30	150	0.18	1,000.00	0.4807	0.0292	1.3	1.3	1.29	17.8	0.011	HDPE
MH-3278	MH-2858	567.44	567.46	566.29	566.26	30	150	0.32	1,000.00	0.4807	0.2335	1	1	1.05	53.5	0.011	HDPE
MH-3279	MH-1852	565.93	565.67	564.78	564.52	30	150	0.46	114.882	1.4182	0.0591	1	1	1	20	0.011	HDPE
MH-3280	MH-2742	582.01	582.38	580.86	581.16	30	150	0.56	100	1.52	0.0929	1	1	1.06	18	0.011	HDPE
MH-3281	MH-3095	569.62	569.19	568.34	568.04	30	150	0.2	100	1.52	0.0031	1.1	1.13	1	3.4	0.011	HDPE
MH-2644	MH-3282	589.21	589.25	588.06	588.1	30	150	0.15	746.76	0.5562	0.0123	1	1	1	14.1	0.011	HDPE
MH-3283	MH-2789	565.07	564.69	563.6	563.38	30	217	1.07	131.969	3.8963	1.1296	1.2	1.25	1.09	43.8	0.01	HDPE
MH-3284	MH-3112	563.57	563.55	562.42	562.39	30	150	0.16	1,000.00	0.4807	0.0207	1	1	1.02	18.2	0.011	HDPE
MH-3285	MH-3116	562.32	562.06	561.17	560.91	30	150	0.58	116.885	1.406	0.1269	1	1	1	25.5	0.011	HDPE
MH-3286	MH-2759	568.45	567.99	566.69	566.39	30	600	2.14	100	61.2834	15.9504	1.1	1.16	1	46.2	0.011	HDPE
MH-3287	MH-2349	562.87	562.3	561.45	561.15	30	150	0.41	100	1.52	0.0342	1.1	1.27	1	11	0.011	HDPE
MH-3184	MH-2887	580.65	580.43	579.5	579.28	30	150	0.45	136.474	1.3011	0.0641	1	1	1	16.8	0.011	HDPE
MH-2953	MH-3288	569.25	568.86	568.01	567.71	30	150	0.58	100	1.52	0.1049	1	1.09	1	19.1	0.011	HDPE
MH-1736	MH-3289	587.05	586.76	585.9	585.61	30	150	0.76	101.958	1.5054	0.2692	1	1	1	33.9	0.011	HDPE
MH-2901	MH-3001	581.16	580.58	579.61	579.31	30	271	1.43	100	8.0956	2.3504	1.1	1.27	1	42.2	0.01	HDPE
MH-3290	MH-961	576.25	575.57	573.02	572.92	29.2	217	0.8	301.224	2.579	1.1638	2.7	3.01	2.43	45.4	0.01	HDPE
MH-3291	MH-3126	567.85	567.87	566.7	566.67	30	150	0.15	1,000.00	0.4807	0.018	1	1	1.05	16.4	0.011	HDPE
MH-3292	MH-2616	568.2	567.58	566.73	566.43	30	150	0.3	100	1.52	0.0123	1.2	1.32	1	6.6	0.011	HDPE
MH-3129	MH-730	589.11	589.27	587.81	587.78	30	150	0.22	1,000.00	0.4807	0.0603	1.2	1.15	1.34	30.7	0.011	HDPE
MH-3293	MH-3130	567.08	567.1	565.93	565.9	30	150	0.15	1,000.00	0.4807	0.0187	1	1	1.05	16.5	0.011	HDPE
MH-3294	MH-3132	579.06	578.59	574.7	574.67	30	600	0.89	1,000.00	19.3795	14.4418	3.5	3.76	3.32	61.5	0.011	HDPE
MH-1692	MH-3134	589.49	589.59	588.34	588.44	30	150	0.32	298.704	0.8795	0.0505	1	1	1	24.5	0.011	HDPE
MH-3295	MH-3135	589.23	589.21	588.07	588.04	30	150	0.21	1,000.00	0.4807	0.056	1	1.01	1.02	26	0.011	HDPE
MH-3296	MH-3137	578.71	579.16	577.56	577.53	30	150	0.14	1,000.00	0.4807	0.0125	1.2	1	1.48	13.1	0.011	HDPE
MH-3297	MH-2805	570.42	570.22	568.5	568.47	30	700	1.02	1,000.00	29.2326	27.9944	1.1	1.22	1.05	57.2	0.011	HDPE
MH-2155	MH-950	585.56	585.2	584.1	583.8	30	400	1.71	100	20.7858	6.3401	1	1.06	1	42.9	0.011	HDPE
MH-3298	MH-3139	589.22	588.71	587.61	587.31	30	400	1.51	100	20.7858	4.0912	1.1	1.2	1	34.1	0.011	HDPE
MH-3142	MH-433	579.1	578.21	577.36	577.06	30	150	0.4	100	1.52	0.0299	1.3	1.59	1	10.2	0.011	HDPE
MH-3299	MH-3143	589.81	590.09	588.66	588.63	30	150	0.2	1,000.00	0.4807	0.0469	1.2	1	1.31	29.6	0.011	HDPE
MH-3300	MH-2618	570.36	569.95	569.1	568.8	30	150	0.46	100	1.52	0.0483	1.1	1.1	1	13	0.011	HDPE
MH-1185	MH-3148	574.89	575.23	573.74	574.04	30	150	0.46	100	1.52	0.0472	1	1	1.05	21.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2762	MH-3301	589.8	589.88	588.51	588.73	30	150	0.8	137.433	1.2966	0.4816	1.1	1.14	1	43.5	0.011	HDPE
MH-3302	MH-3283	565.52	565.07	563.7	563.6	30	217	0.8	292.53	2.617	1.1141	1.4	1.6	1.25	44.3	0.01	HDPE
MH-3304	MH-3158	582.74	582.41	581.56	581.26	30	150	0.62	100	1.52	0.1267	1	1.03	1	21	0.011	HDPE
MH-3217	MH-3305	577.86	577.72	576.71	576.57	30	150	0.29	214.272	1.0384	0.0253	1	1	1	11.6	0.011	HDPE
MH-3119	MH-2675	586.1	585.49	584.64	584.34	30	150	0.6	100	1.52	0.1189	1.2	1.3	1	20.4	0.011	HDPE
MH-2849	MH-3161	585.19	584.74	583.85	583.59	26.1	150	0.67	100	1.52	0.1717	1.1	1.18	1	24.5	0.011	HDPE
MH-2815	MH-3162	592.26	592.38	590.57	590.71	30	175	0.8	219.044	1.7041	0.7218	1.5	1.52	1.5	45.3	0.01	HDPE
MH-2251	MH-1289	587.62	587.41	585.49	585.46	30	150	0.22	1,000.00	0.4807	0.0652	1.9	1.98	1.79	25.8	0.011	HDPE
MH-3306	MH-3307	579.15	578.61	577.74	577.44	30	175	1.09	100	2.5221	0.7962	1.1	1.24	1	43.2	0.01	HDPE
MH-3308	MH-3164	592.16	591.72	590.87	590.57	30	150	0.33	100	1.52	0.0166	1.1	1.14	1	7.7	0.011	HDPE
MH-3309	MH-3166	586.1	586.06	584.95	584.91	30	150	0.21	635.58	0.6029	0.0299	1	1	1	18.9	0.011	HDPE
MH-2576	MH-3020	588.05	587.91	586.9	586.76	30	150	0.8	205.326	1.1669	0.6549	1	1	1	53.9	0.01	HDPE
MH-3097	MH-2869	572.54	571.97	570.57	570.27	30	700	2.44	100	92.4417	26.3041	1.1	1.28	1	49.1	0.011	HDPE
MH-3172	MH-3310	581.51	580.83	579.98	579.68	30	150	0.66	100	1.52	0.1598	1.2	1.38	1	23.6	0.011	HDPE
MH-3311	MH-3173	592.3	591.81	590.96	590.66	30	150	1.08	100	1.672	0.7265	1.1	1.18	1	50.9	0.01	HDPE
MH-817	MH-3174	586	586.1	584.5	584.6	30	500	1.26	292.352	22.0415	9.2155	1	1	1	44.3	0.011	HDPE
MH-511	MH-2875	584.28	583.86	582.49	582.41	30	271	0.8	357.009	4.2846	1.5269	1.4	1.52	1.18	39.8	0.01	HDPE
MH-3312	MH-3145	589.25	589.54	587.76	587.73	30	150	0.25	1,000.00	0.4807	0.0989	1.5	1.34	1.66	36.5	0.011	HDPE
MH-3179	MH-3313	563.83	564.11	561.83	561.8	30	150	0.23	1,000.00	0.4807	0.0731	2	1.85	2.16	28.4	0.011	HDPE
MH-3314	MH-3315	588.01	588.01	586.86	586.83	30	150	0.15	1,000.00	0.4807	0.0186	1	1	1.02	13.3	0.011	HDPE
MH-3316	MH-1503	589.07	589.1	587.92	587.89	30	150	0.15	1,000.00	0.4807	0.0169	1	1	1.06	20.2	0.011	HDPE
MH-3317	MH-3318	575.29	574.82	573.97	573.67	30	150	0.88	100	1.52	0.447	1.1	1.18	1	40.1	0.011	HDPE
MH-1555	MH-1691	589.45	589.47	588.29	588.32	29.4	150	0.28	1,000.00	0.4807	0.1439	1	1.01	1	50.9	0.011	HDPE
MH-1475	MH-2891	568.59	568.22	567.37	567.07	30	150	1.14	100	1.672	0.9207	1	1.07	1	63.8	0.01	HDPE
MH-3319	MH-3187	574.44	574.85	572.55	572.52	30	150	0.19	1,000.00	0.4807	0.0343	2	1.74	2.18	19.7	0.011	HDPE
MH-2909	MH-2005	586.71	586.45	585.56	585.3	30	150	1.01	116.108	1.5517	0.7146	1	1	1	56.2	0.01	HDPE
MH-1773	MH-3190	583.45	582.75	580.05	580.02	30	700	1	1,000.00	29.2326	23.9783	2.4	2.7	2.03	53	0.011	HDPE
MH-2795	MH-3320	589.72	589.85	588.57	588.7	30	150	0.18	229.772	1.0028	0.0061	1	1	1	8.7	0.011	HDPE
MH-2835	MH-3155	575.92	576.34	574.77	575.07	30	150	0.36	100	1.52	0.0206	1.1	1	1.12	8.6	0.011	HDPE
MH-3321	MH-3322	589.4	589.4	587.43	587.34	30.6	217	0.8	331.979	2.4566	1.3461	1.8	1.75	1.84	52.7	0.01	HDPE
MH-3324	MH-3323	569.89	569.91	568.74	568.44	30	150	0.26	100.823	1.5138	0.0074	1.2	1	1.32	6.9	0.011	HDPE
MH-2610	MH-3325	581.23	581.64	580.08	580.37	30	150	0.39	100	1.52	0.0279	1.1	1	1.12	9.9	0.011	HDPE
MH-3133	MH-3196	578.12	577.64	574.64	574.61	30	600	0.89	1,000.00	19.3795	14.5748	2.7	2.87	2.43	59.2	0.011	HDPE
MH-2174	MH-3326	562.92	563.49	561.77	562.02	25.2	150	0.98	100	1.52	0.6741	1.2	1	1.33	50.1	0.011	HDPE
MH-3327	MH-3328	577.95	577.79	576.8	576.64	30	150	0.41	185.659	1.1156	0.0663	1	1	1	17.6	0.011	HDPE
MH-3329	MH-3200	583.29	582.97	582.12	581.82	30	150	0.37	100	1.52	0.0238	1	1.02	1	9.2	0.011	HDPE
MH-2956	MH-3330	587.78	587.54	586.63	586.39	30	150	0.31	127.447	1.3464	0.0167	1	1	1	10.1	0.011	HDPE
MH-2913	MH-3331	577.63	577.49	575.82	575.67	30	175	0.8	189.259	1.8333	0.5902	1.6	1.63	1.65	41.6	0.01	HDPE
MH-2560	MH-2085	589.54	589.5	588.39	588.35	30	150	0.34	746.76	0.5562	0.1906	1	1	1	36.2	0.011	HDPE
MH-3017	MH-3332	569.94	570.55	568.79	569.09	30	150	0.78	100	1.52	0.2926	1.2	1	1.3	32.2	0.011	HDPE
MH-3237	MH-3333	588.2	587.95	586.97	586.73	30	150	0.8	122.476	1.3735	0.4121	1.1	1.07	1.07	42.8	0.011	HDPE
MH-3059	MH-2624	587.12	586.89	585.97	585.74	30	150	0.46	131.806	1.324	0.0686	1	1	1	17.4	0.011	HDPE
MH-3011	MH-2748	569.32	569.31	568.16	568.13	30	150	0.15	1,000.00	0.4807	0.0171	1	1.01	1.03	14.1	0.011	HDPE
MH-3334	MH-949	585.58	585.32	584.43	584.17	30	150	0.3	115.751	1.4128	0.0136	1	1	1	9.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3335	MH-1018	571.18	570.8	569.95	569.65	30	150	0.74	100	1.52	0.246	1	1.08	1	29.4	0.011	HDPE
MH-3336	MH-3214	570.63	570.79	569.48	569.64	30	150	0.36	187.652	1.1096	0.0435	1	1	1	14.4	0.011	HDPE
MH-3337	MH-2206	576.44	576.02	575.17	574.87	30	150	0.53	100	1.52	0.0794	1.1	1.13	1	16.6	0.011	HDPE
MH-3338	MH-3339	563.13	562.72	561.87	561.57	30	150	0.59	100	1.52	0.1101	1.1	1.11	1	19.6	0.011	HDPE
MH-2969	MH-2157	586.06	586	584.91	584.85	30	150	0.4	468.322	0.7024	0.1967	1	1	1	33.3	0.011	HDPE
MH-3340	MH-3220	588.84	588.58	586.41	586.35	30	400	0.8	468.978	9.5982	3.0823	1.9	2.03	1.83	38.8	0.011	HDPE
MH-3341	MH-3221	567.49	567.06	566.21	565.91	30	150	0.36	100	1.52	0.0204	1.1	1.13	1	8.5	0.011	HDPE
MH-3342	MH-684	573.99	573.69	571.08	571	30	271	0.8	369.729	4.2103	1.5985	2.5	2.64	2.42	42.6	0.01	HDPE
MH-3343	MH-3223	581.66	581.44	580.51	580.29	30	150	0.37	135.08	1.3078	0.0326	1	1	1	13.3	0.011	HDPE
MH-3344	MH-3224	590.21	590.72	587.52	587.61	30	271	0.8	359.023	4.2726	1.5395	2.6	2.42	2.84	41.4	0.01	HDPE
MH-3345	MH-2983	581.55	581.32	580.4	580.17	30	150	0.55	126.036	1.354	0.1137	1	1	1	22.2	0.011	HDPE
MH-3347	MH-3228	589.84	589.74	588.69	588.59	30	150	0.37	298.704	0.8795	0.0826	1	1	1	22.4	0.011	HDPE
MH-3016	MH-3348	562.92	562.36	561.5	561.21	30	150	0.4	100	1.52	0.0315	1.1	1.27	1	10.5	0.011	HDPE
MH-3349	MH-3235	567.36	566.71	565.86	565.56	30	150	0.88	100	1.52	0.4505	1.2	1.36	1	40.3	0.011	HDPE
MH-3350	MH-3351	564.2	564.19	563.05	563.02	30	150	0.18	1,000.00	0.4807	0.0323	1	1	1.02	22.1	0.011	HDPE
MH-3333	MH-2048	587.95	587.68	586.73	586.5	30	150	0.8	131.107	1.3275	0.4502	1	1.07	1.03	44.3	0.011	HDPE
MH-3352	MH-2807	584.34	583.86	582.76	582.46	30	400	1.73	100	20.7858	6.6431	1.1	1.18	1	44	0.011	HDPE
MH-2563	MH-3249	589.6	589.55	588.45	588.4	30	150	0.23	597.408	0.6219	0.0392	1	1	1	19.6	0.011	HDPE
MH-3326	MH-645	563.49	564.07	562.34	562.65	30.1	150	0.89	100	1.52	0.472	1.1	1	1.27	41.3	0.011	HDPE
MH-3244	MH-3353	571.93	572.52	570.78	571.07	30	150	0.56	100	1.52	0.0927	1.1	1	1.3	18	0.011	HDPE
MH-2438	MH-3354	584.63	584.12	583.27	582.97	30	150	0.51	100	1.52	0.0663	1.1	1.2	1	15.2	0.011	HDPE
MH-1583	MH-3248	589.12	589.04	587.79	587.51	30	150	0.8	107.991	1.4627	0.3495	1.3	1.18	1.38	39.9	0.011	HDPE
MH-3045	MH-2595	587.82	587.5	586.65	586.35	30	150	0.57	100	1.52	0.097	1	1.03	1	20.9	0.011	HDPE
MH-8	MH-3250	586.65	586.35	585.5	585.2	30	150	0.28	101.136	1.5115	0.0094	1	1	1	6.9	0.011	HDPE
MH-3355	MH-3049	588.45	587.85	587	586.7	30	150	0.47	100	1.52	0.0521	1.2	1.3	1	13.5	0.011	HDPE
MH-3356	MH-3251	589.54	589.5	588.39	588.35	30	150	0.36	746.76	0.5562	0.2531	1	1	1	51.2	0.011	HDPE
MH-3357	MH-2472	567.59	567.4	566.44	566.25	30	150	0.6	158.998	1.2055	0.2031	1	1	1	29.2	0.011	HDPE
MH-3358	MH-936	586.1	585.91	584.95	584.76	30	150	0.92	157.16	1.3337	0.7815	1	1	1	60.4	0.01	HDPE
MH-3027	MH-3346	563.56	563.6	562.41	562.45	22.2	150	0.33	559.066	0.6429	0.1206	1	1	1	31.7	0.011	HDPE
MH-1462	MH-1175	588.65	588.7	587.5	587.55	30	150	0.21	597.408	0.6219	0.0271	1	1	1	12.2	0.011	HDPE
MH-3359	MH-3254	579.35	578.63	577.22	576.93	30	700	2.41	100	92.4417	25.3559	1.2	1.42	1	42	0.011	HDPE
MH-3360	MH-3256	588.08	587.81	586.93	586.66	30	150	0.39	110.498	1.446	0.0305	1	1	1	10.5	0.011	HDPE
MH-3361	MH-3362	584.54	584.57	583.39	583.34	30	150	0.16	683.872	0.5812	0.0146	1	1	1.08	11	0.011	HDPE
MH-3363	MH-3259	580.09	579.84	578.94	578.69	30	150	1.04	123.554	1.5042	0.8624	1	1	1	63.4	0.01	HDPE
MH-3364	MH-3365	562.91	562.9	561.76	561.73	30	150	0.19	1,000.00	0.4807	0.0363	1	1	1.02	24	0.011	HDPE
MH-2590	MH-3357	567.79	567.59	566.59	566.44	30	150	0.54	199.796	1.0754	0.1924	1	1.05	1	28.6	0.011	HDPE
MH-3366	MH-3367	584.15	583.62	582.77	582.47	30	150	0.71	100	1.52	0.2106	1.1	1.24	1	27.2	0.011	HDPE
MH-3265	MH-3368	573.21	572.95	570.88	570.81	30	271	0.8	390.659	4.0959	1.7201	2	2.05	1.87	45.2	0.01	HDPE
MH-3088	MH-3266	584.97	584.29	582.01	581.87	30	175	0.8	211.616	1.7338	0.6883	2.5	2.78	2.24	45	0.01	HDPE
MH-2702	MH-3267	582.75	582.08	581.23	580.93	30	150	0.38	100	1.52	0.0249	1.2	1.37	1	9.4	0.011	HDPE
MH-3369	MH-3370	561.02	561.07	559.21	559.28	30	271	0.8	447.277	3.8279	2.1051	1.5	1.54	1.52	53	0.01	HDPE
MH-3371	MH-3372	564.23	564.29	562.96	562.88	30	271	0.8	370.792	4.2042	1.5998	1.1	1	1.14	42.8	0.01	HDPE
MH-2841	MH-3157	587.63	587.42	586.48	586.27	30	150	0.53	144.621	1.264	0.1202	1	1	1	23	0.011	HDPE
MH-3323	MH-3273	569.91	569.29	568.44	568.14	30	150	0.34	100	1.52	0.0174	1.2	1.32	1	7.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3373	MH-3276	570.09	570.09	568.68	568.65	30	150	0.16	1,000.00	0.4807	0.0204	1.3	1.26	1.3	15.2	0.011	HDPE
MH-3375	MH-2076	562.9	562.89	561.66	561.63	30	150	0.29	1,000.00	0.4807	0.1684	1.1	1.09	1.11	44.9	0.011	HDPE
MH-3376	MH-1774	563.53	563.51	562.33	562.3	30	150	0.27	1,000.00	0.4807	0.1227	1.1	1.06	1.06	29.5	0.011	HDPE
MH-2756	MH-3285	562.56	562.32	561.41	561.17	30	150	0.48	122.779	1.3718	0.0688	1	1	1	19.7	0.011	HDPE
MH-3377	MH-3287	563.44	562.87	562.02	561.72	30	150	0.31	100	1.52	0.0135	1.1	1.27	1	7	0.011	HDPE
MH-3378	MH-2079	587.93	588.15	586.78	586.75	30	150	0.21	1,000.00	0.4807	0.0515	1.1	1	1.25	23.9	0.011	HDPE
MH-3379	MH-3380	576.16	576.59	575.01	575.31	30	150	1	100	1.52	0.7264	1.1	1	1.13	52.1	0.011	HDPE
MH-3085	MH-1761	589.6	589.5	588.45	588.35	30	150	0.44	298.704	0.8795	0.1487	1	1	1	27.9	0.011	HDPE
MH-1799	MH-2268	582.39	582.79	581.24	581.54	30	150	0.86	100	1.52	0.4144	1.1	1	1.1	38.6	0.011	HDPE
MH-1657	MH-3290	576.96	576.25	573.12	573.02	30	217	0.8	298.232	2.5919	1.1462	3.3	3.62	3.01	46.2	0.01	HDPE
MH-3381	MH-3233	563.75	564	562.6	562.57	30	150	0.17	1,000.00	0.4807	0.028	1.1	1	1.28	17.3	0.011	HDPE
MH-3382	MH-3292	568.82	568.2	567.35	567.05	30	150	0.22	100	1.52	0.004	1.2	1.33	1	3.9	0.011	HDPE
MH-3383	MH-2985	565.14	565.39	563.46	563.43	30	150	0.3	1,000.00	0.4807	0.1814	1.7	1.53	1.8	46.2	0.011	HDPE
MH-3384	MH-3385	569.69	569.43	568.54	568.28	30	150	0.38	112.999	1.4299	0.0282	1	1	1	10.1	0.011	HDPE
MH-3386	MH-3387	578.17	578.56	577.02	577.32	30	150	0.42	100	1.52	0.0346	1	1	1.09	11	0.011	HDPE
MH-3388	MH-2118	566.96	566.8	565.81	565.65	30	150	0.19	185.097	1.1172	0.0049	1	1	1	6.3	0.011	HDPE
MH-3389	MH-2047	569.59	569.28	566.95	566.92	30	150	0.22	1,000.00	0.4807	0.0606	2.3	2.49	2.21	20	0.011	HDPE
MH-950	MH-3390	585.2	584.8	583.7	583.4	30	400	1.72	100	20.7858	6.4442	1.1	1.1	1	43.3	0.011	HDPE
MH-2812	MH-3298	589.66	589.22	588.11	587.82	30	400	1.51	100	20.7858	4.0433	1.1	1.14	1	33.9	0.011	HDPE
MH-3391	MH-2212	590.84	591.42	588.57	588.27	30	150	0.8	101.331	1.51	0.325	2.6	2.12	3	39.4	0.011	HDPE
MH-3263	MH-2100	579.75	579.15	578.3	578	30	150	1.06	100	1.52	0.914	1.1	1.3	1	59.3	0.011	HDPE
MH-3370	MH-2106	561.07	561.12	559.28	559.35	30.1	271	0.8	441.441	3.8531	2.0634	1.5	1.52	1.5	51.8	0.01	HDPE
MH-3392	MH-3151	589.65	589.6	588.03	588.17	30	175	0.8	211.006	1.7363	0.6856	1.3	1.45	1.25	45.4	0.01	HDPE
MH-3393	MH-3302	565.97	565.52	563.81	563.7	30	217	0.8	289.617	2.6301	1.0982	1.8	1.95	1.6	44.7	0.01	HDPE
MH-3394	MH-2838	588.35	588.05	587.2	586.9	30	150	0.34	100	1.52	0.0173	1	1	1	7.8	0.011	HDPE
MH-3395	MH-3304	583.07	582.74	581.89	581.59	30	150	0.56	100	1.52	0.0953	1	1.03	1	18.2	0.011	HDPE
MH-2676	MH-533	584.88	584.23	583.38	583.08	30	150	0.7	100	1.52	0.2034	1.2	1.35	1	26.7	0.011	HDPE
MH-2852	MH-2041	592.36	592.35	591.13	591.16	30	150	0.33	1,000.00	0.4807	0.2863	1.1	1.08	1.04	48.2	0.011	HDPE
MH-3396	MH-1196	568.03	567.86	566.88	566.71	30	150	0.28	170.879	1.1628	0.0181	1	1	1	9.4	0.011	HDPE
MH-3397	MH-3306	579.69	579.15	578.22	577.98	30	175	1	124.563	2.2598	0.7651	1.1	1.29	1	43.4	0.01	HDPE
MH-3303	MH-3398	567.92	567.62	566.77	566.47	30	150	0.25	100.492	1.5163	0.0071	1	1	1	6.7	0.011	HDPE
MH-3399	MH-3400	571.56	571.42	569.86	569.72	30	700	1.83	219.46	62.4008	26.7182	1	1	1	49.5	0.011	HDPE
MH-3401	MH-3171	582.87	582.19	581.34	581.04	30	150	0.54	100	1.52	0.0842	1.2	1.38	1	17.1	0.011	HDPE
MH-3402	MH-3312	588.94	589.25	587.79	587.76	30	150	0.2	1,000.00	0.4807	0.0437	1.2	1	1.34	26.3	0.011	HDPE
MH-3313	MH-3403	564.11	564.3	561.8	561.77	30	150	0.25	1,000.00	0.4807	0.0989	2.3	2.16	2.38	31.9	0.011	HDPE
MH-3404	MH-3375	562.9	562.9	561.69	561.66	30	150	0.28	1,000.00	0.4807	0.1369	1.1	1.06	1.09	39.3	0.011	HDPE
MH-2884	MH-2375	570.32	569.9	569.04	568.75	30	150	0.53	100	1.52	0.0789	1.1	1.13	1	16.6	0.011	HDPE
MH-1588	MH-3317	575.73	575.29	574.44	574.14	30	150	0.86	100	1.52	0.4221	1.1	1.14	1	39	0.011	HDPE
MH-3405	MH-3319	574.05	574.44	572.58	572.55	30	150	0.16	1,000.00	0.4807	0.0231	1.5	1.32	1.74	16.3	0.011	HDPE
MH-3406	MH-3407	586	586	584	584.03	30	600	0.9	1,000.00	19.3795	15.3945	1.4	1.4	1.37	66.7	0.011	HDPE
MH-3408	MH-3197	568	567.95	566.3	566.25	30	700	1.31	557.399	39.1548	28.2395	1	1	1	55.2	0.011	HDPE
MH-2499	MH-2928	587.24	587.57	586.09	586.39	30	150	0.56	100	1.52	0.0932	1	1	1.02	18	0.011	HDPE
MH-2878	MH-3409	589.74	589.6	588.59	588.45	30	150	0.5	213.36	1.0406	0.1592	1	1	1	34.7	0.011	HDPE
MH-3410	MH-3205	585.77	585.64	584.62	584.49	30	150	0.34	225.113	1.0131	0.0464	1	1	1	19.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3411	MH-2277	569.89	569.59	568.46	568.3	30	271	1.08	182.751	5.9885	1.8938	1.1	1.16	1.01	42.9	0.01	HDPE
MH-3412	MH-3335	571.58	571.18	570.33	570.03	30	150	0.73	100	1.52	0.2336	1	1.1	1	28.7	0.011	HDPE
MH-3413	MH-3336	570.38	570.63	569.23	569.48	30	150	0.46	117.728	1.4009	0.0594	1	1	1	16.7	0.011	HDPE
MH-2386	MH-3416	567.58	567.4	566.21	566.18	30	150	0.18	1,000.00	0.4807	0.0329	1.1	1.21	1.07	16.1	0.011	HDPE
MH-3417	MH-3341	567.93	567.49	566.64	566.34	30	150	0.26	100	1.52	0.0076	1.1	1.15	1	5.2	0.011	HDPE
MH-3418	MH-1824	571.52	571.14	569.16	569.19	30	150	0.19	1,000.00	0.4807	0.0375	2	2.21	1.8	20.1	0.011	HDPE
MH-136	MH-3345	581.8	581.55	580.65	580.4	30	150	0.51	120.215	1.3863	0.0856	1	1	1	20.1	0.011	HDPE
MH-2929	MH-3087	586	585.64	582.48	582.18	30	150	0.8	100.453	1.5166	0.3212	3.3	3.37	3.31	33.8	0.011	HDPE
MH-3419	MH-2236	562.82	562.24	561.39	561.09	30	150	0.43	100	1.52	0.0398	1.1	1.27	1	11.8	0.011	HDPE
MH-3390	MH-3352	584.8	584.34	583.24	582.94	30	400	1.73	100	20.7858	6.5555	1.1	1.16	1	43.7	0.011	HDPE
MH-3328	MH-1984	577.79	577.65	576.64	576.5	30	150	0.42	209.055	1.0513	0.0827	1	1	1	24.5	0.011	HDPE
MH-2180	MH-3355	588.78	588.45	587.6	587.3	30	150	0.43	100	1.52	0.0376	1	1.03	1	11.5	0.011	HDPE
MH-1622	MH-1409	589.4	589.35	587.07	587.01	30	271	0.8	474.017	3.7184	2.3099	2.1	2.06	2.07	57	0.01	HDPE
MH-2006	MH-3358	586.28	586.1	585.13	584.95	30	150	0.91	162.267	1.3126	0.7554	1	1	1	57.9	0.01	HDPE
MH-3420	MH-1582	589.17	589.2	587.84	587.81	30	150	0.3	1,000.00	0.4807	0.1763	1.2	1.18	1.24	46.1	0.011	HDPE
MH-3421	MH-2775	566.3	566.33	565.15	565.12	30	150	0.14	1,000.00	0.4807	0.0128	1	1	1.06	14.3	0.011	HDPE
MH-3407	MH-1127	586	586	584.03	584.06	30	600	0.9	1,000.00	19.3795	15.3618	1.4	1.37	1.34	66.6	0.011	HDPE
MH-3422	MH-1910	578.83	579.28	577.19	577.16	30	150	0.19	1,000.00	0.4807	0.0343	1.7	1.48	1.97	19.3	0.011	HDPE
MH-2588	MH-3363	580.33	580.09	579.18	578.94	30	150	1.01	123.523	1.5044	0.7618	1	1	1	59.6	0.01	HDPE
MH-3423	MH-3424	588.21	588.29	587.06	587.03	30	150	0.17	1,000.00	0.4807	0.0246	1.1	1	1.11	20.1	0.011	HDPE
MH-3367	MH-3264	583.62	583.08	582.23	581.93	30	150	0.74	100	1.52	0.2445	1.1	1.23	1	29.3	0.011	HDPE
MH-3023	MH-3425	592.8	593.05	591.65	591.9	30	150	0.38	116.523	1.4081	0.0312	1	1	1	13.5	0.011	HDPE
MH-3277	MH-3426	570.06	569.97	568.62	568.59	30	150	0.19	1,000.00	0.4807	0.039	1.3	1.29	1.23	20.2	0.011	HDPE
MH-3427	MH-3428	576.4	576	575.14	574.85	30	150	0.33	100	1.52	0.0157	1.1	1.11	1	9.5	0.011	HDPE
MH-3113	MH-3376	563.55	563.53	562.36	562.33	30	150	0.24	1,000.00	0.4807	0.0883	1	1.04	1.06	31.5	0.011	HDPE
MH-3123	MH-3429	561.66	561.58	560.51	560.23	30	150	0.8	105.671	1.4787	0.3391	1.1	1	1.2	39.9	0.011	HDPE
MH-160	MH-898	564.72	564.2	562.03	562	30	150	0.31	1,000.00	0.4807	0.2107	2.3	2.54	2.05	44.8	0.011	HDPE
MH-2768	MH-3430	585.94	585.32	584.44	584.14	30	175	1.13	100	2.5221	0.902	1.2	1.32	1	46.1	0.01	HDPE
MH-2774	MH-3379	575.74	576.16	574.59	574.89	30	150	1	100	1.52	0.7317	1.1	1	1.13	52.4	0.011	HDPE
MH-3289	MH-1812	586.76	586.47	585.61	585.32	30	150	0.76	104.706	1.4855	0.2821	1	1	1	37.4	0.011	HDPE
MH-2899	MH-2213	577.85	578.3	576.21	576.18	30	150	0.2	1,000.00	0.4807	0.0459	1.7	1.49	1.98	22	0.011	HDPE
MH-3005	MH-213	564.72	565.25	562.51	562.48	30	150	0.21	1,000.00	0.4807	0.0522	2.3	2.07	2.62	26	0.011	HDPE
MH-3431	MH-3294	579.53	579.06	574.73	574.7	30	600	0.89	1,000.00	19.3795	14.4142	4	4.2	3.76	62	0.011	HDPE
MH-3432	MH-3386	577.82	578.17	576.67	576.97	30	150	0.49	100	1.52	0.0619	1	1	1.06	16.9	0.011	HDPE
MH-3433	MH-3295	589.25	589.23	588.1	588.07	30	150	0.16	1,000.00	0.4807	0.0217	1	1	1.01	18.6	0.011	HDPE
MH-2343	MH-3152	576.32	576.71	575.17	575.14	30	150	0.32	1,000.00	0.4807	0.2475	1.2	1	1.42	51	0.011	HDPE
MH-3144	MH-3391	590.47	590.84	588.6	588.57	30	150	0.31	1,000.00	0.4807	0.2229	1.9	1.72	2.12	41.7	0.011	HDPE
MH-2820	MH-3369	560.97	561.02	559.15	559.21	30	271	0.8	458.552	3.7806	2.188	1.5	1.55	1.54	54.2	0.01	HDPE
MH-3270	MH-3392	589.55	589.65	587.9	588.03	30	175	0.8	221.423	1.6949	0.7332	1.5	1.48	1.45	46.8	0.01	HDPE
MH-3434	MH-3393	566.36	565.97	563.91	563.81	30	217	0.8	286.881	2.6427	1.0836	2.1	2.23	1.95	44.2	0.01	HDPE
MH-2839	MH-2186	587.55	587.45	586.4	586.3	30	150	0.32	298.704	0.8795	0.0529	1	1	1	16.3	0.011	HDPE
MH-3435	MH-3395	583.4	583.07	582.11	581.89	30	150	0.46	137.052	1.2984	0.0712	1.1	1.14	1.03	18.3	0.011	HDPE
MH-3436	MH-3437	564.18	563.9	563.03	562.75	30	150	0.35	106.576	1.4724	0.0207	1	1	1	8.6	0.011	HDPE
MH-2936	MH-3396	568.21	568.03	567.06	566.88	30	150	0.24	173.73	1.1532	0.0103	1	1	1	7.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3438	MH-3397	580.21	579.69	578.35	578.22	30	175	0.8	222.981	1.689	0.7411	1.5	1.68	1.29	46.8	0.01	HDPE
MH-3227	MH-2922	587.62	587.5	586.16	586.1	30	400	0.81	485.134	9.437	3.3451	1	1.06	1	37.8	0.011	HDPE
MH-2233	MH-3109	567.97	567.77	566.7	566.5	30	271	1.18	148.843	6.6357	1.9814	1	1	1	43.9	0.01	HDPE
MH-2124	MH-3401	583.56	582.87	582.02	581.72	30	150	0.48	100	1.52	0.0572	1.2	1.39	1	14.1	0.011	HDPE
MH-3439	MH-1630	571.4	571.02	570.17	569.87	30	150	0.22	100	1.52	0.0047	1	1.08	1	4.2	0.011	HDPE
MH-3403	MH-2881	564.3	564.27	561.77	561.74	30	150	0.26	1,000.00	0.4807	0.1161	2.4	2.38	2.38	34	0.011	HDPE
MH-3318	MH-2685	574.82	574.4	573.55	573.25	30	150	0.9	100	1.52	0.4905	1.1	1.12	1	42.2	0.011	HDPE
MH-3440	MH-3405	573.76	574.05	572.61	572.58	30	150	0.14	1,000.00	0.4807	0.0119	1.2	1	1.32	12.7	0.011	HDPE
MH-2585	MH-3406	586.2	586	583.97	584	30	600	0.9	1,000.00	19.3795	15.4394	1.5	1.62	1.4	66.8	0.011	HDPE
MH-1389	MH-3389	569.92	569.59	566.98	566.95	30	150	0.21	1,000.00	0.4807	0.0545	2.6	2.79	2.49	23.1	0.011	HDPE
MH-967	MH-3199	577.41	576.9	576.05	575.75	30	150	0.71	100	1.52	0.2058	1.1	1.21	1	26.9	0.011	HDPE
MH-2462	MH-3080	571.58	571.4	570.43	570.25	30	150	0.96	170.7	1.2798	1.1314	1	1	1	71.3	0.01	HDPE
MH-3441	MH-3211	575.06	575.39	573.89	573.73	30	175	0.8	195.383	1.8044	0.6151	1.2	1	1.48	42.6	0.01	HDPE
MH-2958	MH-3412	571.97	571.58	570.73	570.43	30	150	0.72	100	1.52	0.2162	1	1.09	1	27.6	0.011	HDPE
MH-434	MH-3253	577.99	577.99	576.84	576.81	30	150	0.31	1,000.00	0.4807	0.1994	1	1	1.03	45.7	0.011	HDPE
MH-3415	MH-3442	569.76	569.4	568.55	568.25	30	150	0.21	100	1.52	0.0037	1	1.07	1	3.7	0.011	HDPE
MH-3443	MH-3340	588.9	588.84	586.47	586.41	30	400	0.8	463.157	9.6583	3.0207	2	2.03	2.03	38.2	0.011	HDPE
MH-3099	MH-3344	589.71	590.21	587.44	587.52	30	271	0.8	366.491	4.2288	1.5759	2.2	2	2.42	44.2	0.01	HDPE
MH-2984	MH-3225	581.09	580.86	579.94	579.71	30	150	0.57	133.242	1.3168	0.1408	1	1	1	24.5	0.011	HDPE
MH-3444	MH-1350	586.22	586.19	585.06	585.03	30	150	0.23	1,000.00	0.4807	0.0704	1	1.02	1.02	22.4	0.011	HDPE
MH-3445	MH-3419	563.39	562.82	561.97	561.67	30	150	0.31	100	1.52	0.0139	1.1	1.28	1	7.1	0.011	HDPE
MH-2552	MH-3238	582.19	581.6	580.5	580.2	30	400	1.75	100	20.7858	6.896	1.1	1.29	1	44.9	0.011	HDPE
MH-3446	MH-3327	578.53	577.95	577.1	576.8	30	150	0.47	100	1.52	0.0529	1.1	1.28	1	15.5	0.011	HDPE
MH-1269	MH-3070	586.65	585.93	585.08	584.78	30	150	0.55	100	1.52	0.0861	1.2	1.42	1	17.3	0.011	HDPE
MH-1504	MH-3420	589.12	589.17	587.87	587.84	30	150	0.28	1,000.00	0.4807	0.1417	1.1	1.1	1.18	40.2	0.011	HDPE
MH-3275	MH-3359	580.08	579.35	577.94	577.65	30	700	2.41	100	92.4417	25.2864	1.2	1.43	1	41.9	0.011	HDPE
MH-3260	MH-3447	579.61	579.43	578.46	578.28	30	150	0.99	157.565	1.332	1.0885	1	1	1	71.4	0.01	HDPE
MH-3448	MH-3422	578.37	578.83	577.22	577.19	30	150	0.16	1,000.00	0.4807	0.0212	1.2	1	1.48	16	0.011	HDPE
MH-3449	MH-593	588.57	588.68	586.94	586.91	30	150	0.3	1,000.00	0.4807	0.1775	1.5	1.48	1.61	36.8	0.011	HDPE
MH-3450	MH-3427	576.85	576.4	575.41	575.25	15.9	150	0.24	100	1.52	0.0055	1.1	1.29	1	4.5	0.011	HDPE
MH-3451	MH-2970	588.9	588.76	587.75	587.61	30	150	0.26	213.36	1.0406	0.0169	1	1	1	11.2	0.011	HDPE
MH-3121	MH-3183	581.11	580.87	579.96	579.72	30	150	0.4	124.942	1.3599	0.0398	1	1	1	13.5	0.011	HDPE
MH-3351	MH-792	564.19	564.19	563.02	562.99	30	150	0.23	1,000.00	0.4807	0.0768	1	1.02	1.04	28.8	0.011	HDPE
MH-1702	MH-3432	577.53	577.82	576.38	576.67	30	150	0.53	102.32	1.5027	0.0802	1	1	1	16.8	0.011	HDPE
MH-2505	MH-3002	571.94	571.43	570.15	569.99	30	175	0.8	184.541	1.8566	0.5701	1.4	1.61	1.27	41.7	0.01	HDPE
MH-1129	MH-2075	587.08	587.18	585.33	585.42	30	150	0.38	349.384	0.8132	0.1093	1.6	1.59	1.61	35	0.011	HDPE
MH-2088	MH-3434	566.74	566.36	564.02	563.91	30	217	0.8	284.439	2.654	1.0712	2.4	2.5	2.23	43.8	0.01	HDPE
MH-3339	MH-2963	562.72	562.26	561.41	561.11	30	150	0.63	100	1.52	0.1373	1.1	1.16	1	21.9	0.011	HDPE
MH-2531	MH-2862	586.97	587.23	585.82	586.08	30	150	0.43	113.76	1.4251	0.0458	1	1	1	12.9	0.011	HDPE
MH-3452	MH-3438	580.71	580.21	578.49	578.35	30	175	0.8	218.402	1.7066	0.7188	1.9	2.04	1.68	46.1	0.01	HDPE
MH-2178	MH-2575	588.41	588.23	587.26	587.08	30	150	0.8	161.256	1.197	0.6051	1	1	1	51.6	0.011	HDPE
MH-3168	MH-2865	571.15	570.93	569.45	569.23	30	700	2.18	137.936	78.7099	26.9179	1	1	1	49.7	0.011	HDPE
MH-3453	MH-1701	578.79	578.11	577.26	576.96	30	150	0.81	100	1.52	0.334	1.2	1.38	1	34.5	0.011	HDPE
MH-2868	MH-3454	587.15	586.87	585.75	585.47	30	400	1.42	106.608	20.1312	3.556	1	1	1	36	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3455	MH-3408	568.4	568	566.6	566.3	30	700	2.48	100	92.4417	28.2091	1.1	1.1	1	55.2	0.011	HDPE
MH-2627	MH-559	581.52	581.07	579.67	579.58	30	217	0.8	309.184	2.5456	1.2083	1.5	1.63	1.27	48.1	0.01	HDPE
MH-3456	MH-3410	585.99	585.77	584.84	584.62	30	150	0.33	135.642	1.3051	0.0221	1	1	1	11.9	0.011	HDPE
MH-2955	MH-3411	570.23	569.89	568.54	568.46	30	271	0.8	415.467	3.9718	1.8824	1.3	1.43	1.16	45.3	0.01	HDPE
MH-3416	MH-3457	567.4	567.22	566.18	566.07	30	150	0.32	255.935	0.9501	0.0444	1	1.07	1	15.5	0.011	HDPE
MH-3458	MH-3418	571.9	571.52	569.13	569.16	30	150	0.21	1,000.00	0.4807	0.0499	2.4	2.62	2.21	22.3	0.011	HDPE
MH-3459	MH-3444	586.25	586.22	585.09	585.06	30	150	0.19	1,000.00	0.4807	0.0377	1	1.02	1.02	22.2	0.011	HDPE
MH-3460	MH-1605	587.15	587.5	585.75	586.05	30	400	1.61	100	20.7858	5.0486	1	1	1.04	38.1	0.011	HDPE
MH-2687	MH-1480	569.95	569.6	568.75	568.45	30	150	0.56	100	1.52	0.0907	1	1.05	1	17.8	0.011	HDPE
MH-3461	MH-2988	587.79	587.38	586.41	586.11	30	271	1.37	100	8.0956	1.9811	1.1	1.11	1	38.6	0.01	HDPE
MH-3462	MH-2793	586.47	586.55	585.32	585.29	30	150	0.15	1,000.00	0.4807	0.0153	1.1	1	1.11	15.7	0.011	HDPE
MH-3463	MH-1130	586.11	585.96	584.96	584.79	30	150	0.3	180.406	1.1317	0.0222	1	1	1.01	11.3	0.011	HDPE
MH-1261	MH-3300	570.58	570.36	569.43	569.21	30	150	0.33	134.524	1.3105	0.0234	1	1	1	9.4	0.011	HDPE
MH-2964	MH-3464	561.95	561.87	560.8	560.72	30	150	0.44	334.287	0.8314	0.183	1	1	1	33.6	0.011	HDPE
MH-3465	MH-3452	581.2	580.71	578.63	578.49	30	175	0.8	212.397	1.7306	0.6917	2.2	2.39	2.04	45.2	0.01	HDPE
MH-3454	MH-3194	586.87	586.59	585.47	585.19	30	400	1.43	107.56	20.042	3.6283	1	1	1	36.4	0.011	HDPE
MH-3466	MH-3399	571.69	571.56	569.99	569.86	30	700	1.83	219.166	62.4427	26.623	1	1	1	49.4	0.011	HDPE
MH-3467	MH-3453	579.47	578.79	577.94	577.64	30	150	0.78	100	1.52	0.294	1.2	1.38	1	32.3	0.011	HDPE
MH-3468	MH-3455	568.8	568.4	567	566.7	30	700	2.48	100	92.4417	28.1771	1	1.1	1	44.4	0.011	HDPE
MH-3469	MH-3236	588.67	588.43	587.52	587.23	30	150	0.8	104.449	1.4873	0.3334	1	1	1.05	38.6	0.011	HDPE
MH-3470	MH-3458	572.31	571.9	569.1	569.13	30	150	0.22	1,000.00	0.4807	0.0581	2.8	3.06	2.62	19.2	0.011	HDPE
MH-3471	MH-3459	586.27	586.25	585.12	585.09	30	150	0.15	1,000.00	0.4807	0.0155	1	1	1.02	15.5	0.011	HDPE
MH-3472	MH-3460	586.78	587.15	585.26	585.31	30	400	0.8	687.324	7.9284	5.4206	1.3	1.11	1.45	51	0.011	HDPE
MH-3473	MH-3449	588.47	588.57	586.97	586.94	30	150	0.28	1,000.00	0.4807	0.1457	1.4	1.35	1.48	39.4	0.011	HDPE
MH-2760	MH-3461	588.23	587.79	586.81	586.52	30	271	1.36	100	8.0956	1.9476	1.1	1.15	1	38.2	0.01	HDPE
MH-1367	MH-3431	580.01	579.53	574.76	574.73	30	600	0.88	1,000.00	19.3795	14.3919	4.4	4.64	4.2	62.3	0.011	HDPE
MH-3387	MH-3474	578.56	578.97	577.41	577.71	30	150	0.35	100	1.52	0.019	1.1	1	1.12	8.2	0.011	HDPE
MH-3154	MH-963	585.79	585.71	584.53	584.5	30	150	0.26	1,000.00	0.4807	0.1099	1.1	1.11	1.06	29.7	0.011	HDPE
MH-3475	MH-3338	563.53	563.13	562.28	561.98	30	150	0.54	100	1.52	0.0802	1	1.1	1	16.7	0.011	HDPE
MH-3476	MH-2009	571.41	571.74	570.26	570.23	30	150	0.2	1,000.00	0.4807	0.0431	1.2	1	1.36	26	0.011	HDPE
MH-2870	MH-3466	571.83	571.69	570.13	569.99	30	700	1.84	217.51	62.68	26.5174	1	1	1	49.3	0.011	HDPE
MH-3477	MH-3467	580.15	579.47	578.62	578.32	30	150	0.74	100	1.52	0.2474	1.2	1.38	1	29.5	0.011	HDPE
MH-2924	MH-3468	569.16	568.8	567.4	567.1	30	700	2.48	100	92.4417	28.1434	1	1.06	1	44.4	0.011	HDPE
MH-2946	MH-3469	588.91	588.67	587.59	587.52	30	150	0.45	451.305	0.7155	0.2895	1.1	1.17	1	40.6	0.011	HDPE
MH-2567	MH-3032	589.68	589.71	588.53	588.5	30	150	0.29	1,000.00	0.4807	0.1741	1	1	1.06	41.7	0.011	HDPE
MH-3478	MH-3096	574.12	573.33	571.93	571.63	30	700	2.43	100	92.4417	26.0952	1.2	1.49	1	42.6	0.011	HDPE
MH-3479	MH-2589	568.35	568	566.65	566.62	30	150	0.29	1,000.00	0.4807	0.1625	1.4	1.55	1.23	40.5	0.011	HDPE
MH-3480	MH-206	571.53	571.46	570.38	570.31	30	150	0.19	432.711	0.7307	0.0143	1	1	1	10.2	0.011	HDPE
MH-3009	MH-3349	568	567.36	566.51	566.21	30	150	0.82	100	1.52	0.3405	1.2	1.34	1	34.8	0.011	HDPE
MH-3437	MH-3475	563.9	563.53	562.67	562.38	30	150	0.46	100	1.52	0.0489	1	1.07	1	13.1	0.011	HDPE
MH-3400	MH-3167	571.42	571.28	569.72	569.58	30	700	1.83	220.548	62.2467	26.7941	1	1	1	49.5	0.011	HDPE
MH-3310	MH-3477	580.83	580.15	579.3	579	30	150	0.7	100	1.52	0.2053	1.2	1.38	1	26.9	0.011	HDPE
MH-3481	MH-3478	574.9	574.12	572.72	572.42	30	700	2.43	100	92.4417	25.9789	1.2	1.49	1	42.5	0.011	HDPE
MH-3482	MH-3473	588.39	588.47	587	586.97	30	150	0.26	1,000.00	0.4807	0.106	1.3	1.24	1.35	34.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3483	MH-2871	589.17	589.15	586.66	586.6	30	400	0.8	521.902	10.0084	2.7545	2.1	2.11	2.15	35.9	0.01	HDPE
MH-3484	MH-2650	577.22	576.47	575.07	574.77	30	700	2.42	100	92.4417	25.6476	1.2	1.45	1	42.2	0.011	HDPE
MH-3485	MH-3479	568.68	568.35	566.68	566.65	30	150	0.28	1,000.00	0.4807	0.1517	1.7	1.85	1.55	39	0.011	HDPE
MH-1891	MH-532	570.02	569.85	568.8	568.63	30	217	1.06	176.869	3.3656	1.6401	1	1	1	50.9	0.01	HDPE
MH-2651	MH-3481	575.69	574.9	573.5	573.2	30	700	2.42	100	92.4417	25.8662	1.2	1.49	1	42.4	0.011	HDPE
MH-3486	MH-3472	586.37	586.78	584.97	585.26	30	400	1.62	103.121	20.4688	5.4663	1.1	1	1.11	39.8	0.011	HDPE
MH-3147	MH-3483	589.2	589.17	586.72	586.66	30	400	0.8	509.871	10.1258	2.6718	2.1	2.08	2.11	35	0.01	HDPE
MH-3255	MH-3484	577.9	577.22	575.82	575.52	30	700	2.42	100	92.4417	25.5408	1.2	1.38	1	42.1	0.011	HDPE
MH-2850	MH-3486	586	586.37	584.6	584.9	30	400	1.64	100	20.7858	5.5012	1	1	1.07	51.4	0.011	HDPE
MH-3424	MH-3482	588.29	588.39	587.03	587	30	150	0.22	1,000.00	0.4807	0.0655	1.2	1.11	1.24	28.5	0.011	HDPE
MH-840	MH-3485	569.01	568.68	566.71	566.68	30	150	0.28	1,000.00	0.4807	0.1448	2	2.15	1.85	37.8	0.011	HDPE
MH-3487	MH-738	580	579.85	578.85	578.7	30	150	0.18	194.436	1.0901	0.0043	1	1	1	5.3	0.011	HDPE
MH-3488	MH-1418	574.44	574.39	573.29	573.22	30	150	0.13	431.496	0.7317	0.0035	1	1	1.02	5.6	0.011	HDPE
MH-3489	MH-3490	556.87	556.59	555.37	555.09	30	500	1.94	105.953	36.6131	11.5567	1	1	1	49.5	0.011	HDPE
MH-3491	MH-3492	580	580	578.85	578.82	30	150	0.12	1,000.00	0.4807	0.0071	1	1	1.03	9.7	0.011	HDPE
MH-3493	MH-3494	583.85	583.58	582.7	582.43	30	150	0.88	112.738	1.4316	0.5175	1	1	1	47.8	0.011	HDPE
MH-3497	MH-1802	578.96	578.68	577.7	577.53	30	150	0.5	176.955	1.1427	0.1249	1.1	1.11	1	23.3	0.011	HDPE
MH-1959	MH-3498	589.05	589.13	586.64	586.55	30	217	0.8	339.492	2.4293	1.3932	2.3	2.19	2.36	51.2	0.01	HDPE
MH-292	MH-3499	580.02	579.27	578.05	577.77	30	150	0.76	108.614	1.4585	0.2913	1.6	1.83	1.35	35.8	0.011	HDPE
MH-3500	MH-411	589.04	588.99	587.45	587.22	30	150	0.8	134.39	1.3112	0.466	1.5	1.45	1.62	46	0.011	HDPE
MH-888	MH-930	582.92	582.28	581.43	581.13	30	150	0.63	100	1.52	0.1389	1.2	1.34	1	22	0.011	HDPE
MH-3501	MH-1960	584.24	584.04	583.09	582.89	30	150	0.3	155.812	1.2177	0.0188	1	1	1	11.7	0.011	HDPE
MH-942	MH-2115	579.68	579.52	578.46	578.31	30.1	217	1.07	194.26	3.2114	1.9404	1	1	1	58.2	0.01	HDPE
MH-3502	MH-3503	601.98	602.69	600.83	601.13	30.1	150	1.01	100	1.52	0.7549	1.2	1	1.41	53.3	0.011	HDPE
MH-735	MH-266	579.24	578.75	577.9	577.6	30.1	150	0.25	100	1.52	0.0064	1.1	1.19	1	4.8	0.011	HDPE
MH-3504	MH-702	573.06	572.26	571.41	571.11	30.1	150	0.21	100	1.52	0.0038	1.2	1.5	1	3.8	0.011	HDPE
MH-3505	MH-3506	569.92	570.3	568.77	568.74	30.1	150	0.12	1,000.00	0.4807	0.007	1.2	1	1.41	11.5	0.011	HDPE
MH-3507	MH-3508	587.79	587.82	586.47	586.44	30.1	150	0.34	1,000.00	0.4807	0.2964	1.2	1.16	1.22	47	0.011	HDPE
MH-3509	MH-3510	556.09	556.09	554.59	554.56	30.1	500	0.82	1,000.00	11.9177	11.7535	1	1	1.03	67.8	0.011	HDPE
MH-3511	MH-1940	588.88	588.46	587.52	587.31	20.9	150	0.87	100	1.52	0.425	1.1	1.21	1	39.1	0.011	HDPE
MH-3512	MH-3513	577.21	576.52	575.67	575.37	30.1	150	0.5	100	1.52	0.0646	1.2	1.39	1	15	0.011	HDPE
MH-3514	MH-3515	581.91	581.3	580.45	580.15	30.1	150	0.3	100	1.52	0.0116	1.2	1.31	1	6.4	0.011	HDPE
MH-2455	MH-1252	570.46	569.79	568.94	568.64	30.1	150	0.38	100	1.52	0.0252	1.2	1.37	1	9.4	0.011	HDPE
MH-3510	MH-3516	556.09	556.11	554.56	554.53	30.6	500	0.82	1,000.00	11.9177	11.7862	1.1	1.03	1.08	58	0.011	HDPE
MH-1396	MH-3517	580.12	580.01	578.97	578.86	30.1	150	0.25	274.967	0.9167	0.02	1	1	1	13.6	0.011	HDPE
MH-3490	MH-2502	556.59	556.35	555.09	554.85	30.1	500	1.8	131.034	32.9232	11.5813	1	1	1	49.6	0.011	HDPE
MH-3518	MH-3519	579.15	579.27	578	577.97	30.1	150	0.16	1,000.00	0.4807	0.0199	1.1	1	1.15	15.8	0.011	HDPE
MH-3520	MH-3521	588.49	588.27	587.34	587.12	30.1	150	0.7	138.913	1.2897	0.2995	1	1	1	36.7	0.011	HDPE
MH-1417	MH-1998	579.01	578.3	577.46	577.15	37.2	150	0.83	120.137	1.3868	0.4603	1.2	1.4	1	41.7	0.011	HDPE
MH-3522	MH-3523	576.43	575.45	573.84	573.81	30.1	150	0.32	1,000.00	0.4807	0.238	2	2.44	1.49	39.9	0.011	HDPE
MH-2758	MH-3058	587.56	587.34	586.41	586.19	30.1	150	0.39	134.054	1.3128	0.0407	1	1	1	13.8	0.011	HDPE
MH-3524	MH-1502	583.64	583.1	582.26	581.95	30.1	150	0.87	100	1.52	0.4235	1.1	1.24	1	39	0.011	HDPE
MH-3525	MH-325	588.63	588.38	587.36	587.2	30.1	150	0.8	186.311	1.225	0.566	1.1	1.12	1.03	50.1	0.01	HDPE
MH-2305	MH-340	555.48	555.58	554.24	554.21	30	150	0.11	1,000.00	0.4807	0.0067	1.2	1.1	1.22	6.7	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3527	MH-3528	572.7	573.04	571.55	571.52	30.1	150	0.19	1,000.00	0.4807	0.0353	1.2	1	1.37	19.7	0.011	HDPE
MH-3529	MH-3530	571.74	570.86	569.99	569.69	30.1	175	1.06	100	2.5221	0.7126	1.3	1.58	1	40.7	0.01	HDPE
MH-3531	MH-3532	567.02	567	565.87	565.84	30.1	150	0.29	1,000.00	0.4807	0.1635	1	1	1.01	40.7	0.011	HDPE
MH-3535	MH-579	555.58	555.74	554.43	554.4	30	150	0.08	1,000.00	0.4807	0.0026	1.1	1	1.18	16.3	0.011	HDPE
MH-3536	MH-3537	589.6	589.55	588.45	588.4	30.1	150	0.25	625.811	0.6076	0.0523	1	1	1	23.4	0.011	HDPE
MH-3538	MH-3511	589.38	588.88	588.03	587.73	30.1	150	0.84	100	1.52	0.375	1.1	1.2	1	36.6	0.011	HDPE
MH-3539	MH-3540	581.96	581.69	580.81	580.54	30.1	150	0.62	113.159	1.4289	0.1531	1	1	1	26.4	0.011	HDPE
MH-3541	MH-409	579.13	578.84	577.98	577.67	30.1	150	0.42	100.147	1.5189	0.0363	1	1	1.01	12.8	0.011	HDPE
MH-1378	MH-1745	577.7	576.96	574.08	574.11	30.1	150	0.24	1,000.00	0.4807	0.0873	3.1	3.48	2.7	30.9	0.011	HDPE
MH-3542	MH-3543	568.78	568.26	567.41	567.11	30.1	150	0.92	100	1.52	0.5272	1.1	1.22	1	43.8	0.011	HDPE
MH-1548	MH-3544	566.85	566.53	565.68	565.38	30.1	150	0.53	100	1.52	0.0779	1	1.02	1	18.6	0.011	HDPE
MH-3545	MH-3546	585.04	585.57	583.28	583.25	30.1	150	0.23	1,000.00	0.4807	0.0716	1.9	1.6	2.17	27.6	0.011	HDPE
MH-2464	MH-3547	581.65	581.41	580.48	580.23	30.1	150	0.27	122.439	1.3737	0.0104	1	1.02	1.02	7.3	0.011	HDPE
MH-1523	MH-3548	571.6	571.39	569.96	569.9	30.1	271	0.8	458.802	3.7795	2.1897	1.3	1.37	1.22	53.1	0.01	HDPE
MH-2383	MH-3549	550.57	550.47	549.34	549.31	30.3	150	0.32	1,000.00	0.4807	0.2541	1	1.08	1.02	41.6	0.011	HDPE
MH-661	MH-2089	555.32	555.75	554.17	554.14	30.1	150	0.14	1,000.00	0.4807	0.0145	1.2	1	1.46	12.5	0.011	HDPE
MH-3550	MH-3551	587.66	587.43	586.51	586.28	30.1	150	0.61	130.584	1.3302	0.1692	1	1	1	27.5	0.011	HDPE
MH-2549	MH-3552	581.54	581.26	579.76	579.51	27.4	150	0.46	109.79	1.4507	0.0526	1.6	1.63	1.59	15	0.011	HDPE
MH-3551	MH-3553	587.43	587.21	586.28	586.06	26.7	150	0.65	121.393	1.3796	0.2003	1	1	1	29.6	0.011	HDPE
MH-3554	MH-3524	584.17	583.64	582.8	582.49	30.1	150	0.35	100	1.52	0.0194	1.1	1.22	1	8.3	0.011	HDPE
MH-3555	MH-3556	589.31	589.24	588.16	588.09	30.2	150	0.28	392.685	0.7671	0.0473	1	1	1	21.1	0.011	HDPE
MH-3556	MH-3557	589.24	589.17	588.09	588.02	30.2	150	0.33	479.525	0.6941	0.1012	1	1	1	27.8	0.011	HDPE
MH-733	MH-1333	576.22	576.6	575.07	575.37	30.2	150	0.65	100	1.52	0.1563	1	1	1.08	23.4	0.011	HDPE
MH-3558	MH-1789	586.78	586.58	585.63	585.43	30.2	150	0.67	152.214	1.232	0.2905	1	1	1	35.8	0.011	HDPE
MH-3559	MH-2535	582.65	581.9	581.05	580.75	30.2	150	0.31	100	1.52	0.0128	1.2	1.44	1	6.8	0.011	HDPE
MH-3560	MH-2032	586.72	586.36	585.51	585.21	30.2	150	0.66	100	1.52	0.1651	1	1.06	1	24	0.011	HDPE
MH-3561	MH-3562	589.39	589.35	588.24	588.2	30.2	150	0.19	815.826	0.5322	0.0287	1	1	1	17.6	0.011	HDPE
MH-3563	MH-894	576.25	576.11	575.1	574.96	30.2	150	0.3	224.213	1.0151	0.0283	1	1	1	14.3	0.011	HDPE
MH-3564	MH-3500	589.02	589.04	587.71	587.45	30.2	150	0.8	113.452	1.4271	0.3763	1.3	1.15	1.45	42.2	0.011	HDPE
MH-1468	MH-1853	566.19	565.64	564	563.93	30.2	800	1.61	400	67.512	39.2527	1.1	1.38	0.91	52.7	0.011	HDPE
MH-3565	MH-3566	581.51	581.6	580.36	580.33	30.2	150	0.08	1,000.00	0.4807	0.0022	1.1	1	1.12	6.5	0.011	HDPE
MH-3567	MH-3568	592.4	591.84	590.99	590.69	30.2	150	0.42	100	1.52	0.0369	1.1	1.25	1	11.4	0.011	HDPE
MH-3569	MH-3570	575.39	574.17	572.35	572.37	21	150	0.23	1,000.00	0.4807	0.0701	2.3	2.89	1.65	29.3	0.011	HDPE
MH-892	MH-1458	575.41	574.98	574.14	573.83	30.2	150	0.88	100	1.52	0.4368	1.1	1.13	1	39.7	0.011	HDPE
MH-1716	MH-3571	580.71	580.69	579.35	579.17	30.2	150	0.4	163.551	1.1886	0.0538	1.3	1.2	1.37	15.2	0.011	HDPE
MH-3572	MH-1596	566.92	566.4	565.55	565.25	30.2	150	0.18	100	1.52	0.0025	1.1	1.22	1	3.1	0.011	HDPE
MH-3573	MH-3574	580.71	579.83	578.98	578.68	30.2	150	0.65	100	1.52	0.1543	1.3	1.58	1	23.2	0.011	HDPE
MH-3575	MH-2064	573.76	573.32	572.47	572.17	30.2	150	0.62	100	1.52	0.1328	1.1	1.14	1	24.4	0.011	HDPE
MH-50	MH-3576	585.9	586.21	584.75	585.05	30.2	150	0.63	100	1.52	0.1417	1	1	1.01	22.2	0.011	HDPE
MH-3577	MH-3578	567.74	567.72	566.51	566.48	30.2	150	0.19	1,000.00	0.4807	0.0361	1.1	1.08	1.09	18.1	0.011	HDPE
MH-3579	MH-1833	577.09	577.55	574.32	574.29	30.2	150	0.21	1,000.00	0.4807	0.0511	2.9	2.63	3.11	23.4	0.011	HDPE
MH-2182	MH-2022	576.69	576.49	574.63	574.6	30.2	150	0.19	1,000.00	0.4807	0.0397	1.8	1.9	1.74	19.9	0.011	HDPE
MH-3580	MH-989	576.95	576.54	575.69	575.39	30.2	150	0.83	100	1.52	0.3657	1.1	1.11	1	36.1	0.011	HDPE
MH-3581	MH-2245	546.43	546.09	545.25	544.94	30.2	150	0.36	100	1.52	0.0216	1	1.03	1	8.8	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3568	MH-972	591.84	591.29	590.44	590.14	30.2	150	0.45	100	1.52	0.0462	1.1	1.25	1	12.7	0.011	HDPE
MH-3582	MH-3583	576.02	575.99	574.7	574.58	30.2	217	0.8	270.244	2.7228	0.9976	1.1	1.1	1.19	41.8	0.01	HDPE
MH-3584	MH-2211	579.46	579.46	578.31	578.28	30.2	150	0.21	1,000.00	0.4807	0.0531	1	1	1.03	22.8	0.011	HDPE
MH-3585	MH-982	587.37	586.82	585.94	585.67	27.9	150	0.37	100	1.52	0.0238	1.1	1.27	1	9.2	0.011	HDPE
MH-3586	MH-2488	587.62	587.4	586.31	586.12	30.7	150	0.8	163.216	1.3088	0.4684	1.1	1.16	1.13	51.3	0.01	HDPE
MH-3464	MH-2368	561.87	561.8	560.72	560.65	30.3	150	0.41	453.986	0.7134	0.1989	1	1	1	32.1	0.011	HDPE
MH-3588	MH-3589	585.3	585.84	584.15	584.12	30.2	150	0.19	1,000.00	0.4807	0.0383	1.3	1	1.57	21.3	0.011	HDPE
MH-3590	MH-2422	571.85	571.32	570.48	570.17	30.2	150	0.5	100	1.52	0.0642	1.1	1.23	1	14.9	0.011	HDPE
MH-3592	MH-3591	576.04	575.63	574.78	574.48	30.2	150	0.38	100	1.52	0.0262	1.1	1.12	1	9.6	0.011	HDPE
MH-3593	MH-3594	571.8	571.26	570.41	570.11	30.2	150	0.49	100	1.52	0.0583	1.1	1.24	1	14.3	0.011	HDPE
MH-3595	MH-3596	557.91	557.79	556.41	556.29	30.7	500	1.37	253.584	23.6664	10.3022	1	1	1	46.8	0.011	HDPE
MH-3557	MH-2347	589.17	589.1	588.02	587.95	30.2	150	0.4	392.685	0.7671	0.1543	1	1	1	33.8	0.011	HDPE
MH-3597	MH-1916	578.87	578.87	577.53	577.5	30.2	150	0.15	1,000.00	0.4807	0.0173	1.2	1.18	1.22	13	0.011	HDPE
MH-3599	MH-2299	583.86	583.01	582.16	581.86	30.2	150	1.02	100	1.52	0.7658	1.3	1.55	1	53.7	0.011	HDPE
MH-1253	MH-1335	569.58	568.97	568.06	567.75	30.2	217	1.14	100	4.476	0.9939	1.2	1.31	1	36.3	0.01	HDPE
MH-3600	MH-1933	582.07	581.5	580.65	580.35	30.2	150	0.47	100	1.52	0.0508	1.1	1.26	1	13.3	0.011	HDPE
MH-1977	MH-2031	579.6	579	578.15	577.85	30.2	150	0.98	100	1.52	0.6736	1.1	1.3	1	50	0.011	HDPE
MH-3601	MH-3602	580.98	580.65	579.8	579.5	30.2	150	0.36	100	1.52	0.0211	1	1.03	1	10.5	0.011	HDPE
MH-1627	MH-1522	571.96	571.78	570.13	570.1	30.2	150	0.31	1,000.00	0.4807	0.2175	1.6	1.67	1.53	46.7	0.011	HDPE
MH-2489	MH-1361	587.17	586.66	585.78	585.48	30.2	175	1.22	100	2.5221	1.2195	1.1	1.21	1	54.3	0.01	HDPE
MH-3604	MH-273	589.43	589.69	587.99	587.96	30.2	150	0.21	1,000.00	0.4807	0.0488	1.4	1.29	1.58	23.2	0.011	HDPE
MH-2354	MH-537	579.72	580.06	578.49	578.46	30.2	150	0.15	1,000.00	0.4807	0.0182	1.3	1.08	1.45	13.8	0.011	HDPE
MH-3605	MH-3606	579.38	579.95	578.23	578.2	30.2	150	0.14	1,000.00	0.4807	0.0119	1.3	1	1.6	15.1	0.011	HDPE
MH-3607	MH-3608	573.5	573.76	572.35	572.61	30.2	150	0.27	114.363	1.4214	0.0103	1	1	1	8.6	0.011	HDPE
MH-3609	MH-3610	573.83	573.9	572.65	572.5	30.2	175	0.8	195.559	1.8035	0.6159	1.1	1	1.23	42.8	0.01	HDPE
MH-3499	MH-3611	579.27	578.62	577.77	577.47	30.2	150	0.8	100	1.52	0.3202	1.2	1.35	1	33.8	0.011	HDPE
MH-3612	MH-3613	589.82	589.78	588.67	588.63	30.2	150	0.3	665.398	0.5893	0.1057	1	1	1	33.8	0.011	HDPE
MH-2476	MH-3614	579.18	578.9	577.1	577.07	30.2	150	0.21	1,000.00	0.4807	0.0542	1.8	1.93	1.68	19.9	0.011	HDPE
MH-3615	MH-3616	590.31	589.87	589.03	588.72	30.2	150	0.5	100	1.52	0.064	1.1	1.14	1	14.9	0.011	HDPE
MH-344	MH-1278	576.91	576.72	575.76	575.57	30.3	150	0.44	157.902	1.2096	0.0692	1	1	1	17.8	0.011	HDPE
MH-2307	MH-623	576.08	575.53	574.68	574.38	30.3	150	0.41	100	1.52	0.0335	1.1	1.25	1	10.9	0.011	HDPE
MH-2397	MH-3619	585.31	585.13	584.16	583.98	29.9	150	0.95	169.283	1.2851	1.0054	1	1	1	66.1	0.01	HDPE
MH-3616	MH-2447	589.87	589.48	588.63	588.33	30.3	150	0.61	100	1.52	0.1281	1	1.09	1	21.2	0.011	HDPE
MH-3620	MH-3621	574.55	573.86	572.88	572.71	30.3	150	0.51	181.405	1.1286	0.1357	1.3	1.52	1	23.3	0.011	HDPE
MH-1216	MH-3622	547.81	547.88	546.47	546.44	30.3	150	0.13	1,000.00	0.4807	0.0102	1.2	1.2	1.29	30.7	0.011	HDPE
MH-3623	MH-868	577.1	576.69	575.84	575.54	30.3	150	0.22	100	1.52	0.0047	1.1	1.11	1	4.2	0.011	HDPE
MH-3624	MH-3625	589.11	589.08	587.96	587.93	30.3	150	0.17	826.74	0.5286	0.0192	1	1	1	15.9	0.011	HDPE
MH-3626	MH-3520	588.75	588.49	587.6	587.34	30.3	150	0.72	114.841	1.4184	0.2568	1	1	1	34.1	0.011	HDPE
MH-538	MH-665	580.21	580.17	578.45	578.42	30.9	150	0.18	1,000.00	0.4807	0.0307	1.6	1.61	1.61	17.6	0.011	HDPE
MH-2436	MH-1707	579.59	579.29	577.89	577.86	30.3	150	0.34	1,000.00	0.4807	0.3131	1.4	1.55	1.29	46.8	0.011	HDPE
MH-3627	MH-3628	580.14	579.78	578.39	578.36	30.3	150	0.19	1,000.00	0.4807	0.0373	1.4	1.6	1.27	18.4	0.011	HDPE
MH-3629	MH-3630	577.28	577.01	576.13	575.86	30.3	150	0.45	113.679	1.4256	0.0505	1	1	1	15	0.011	HDPE
MH-3631	MH-3632	587.79	586.87	586.03	585.72	30.3	150	0.92	100	1.52	0.521	1.3	1.62	1	43.5	0.011	HDPE
MH-3544	MH-2432	566.53	566.24	565.38	565.09	30.3	150	0.55	106.481	1.473	0.0932	1	1	1	20.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3633	MH-3634	574.72	575.24	573.01	572.98	30.3	150	0.22	1,000.00	0.4807	0.0638	1.8	1.57	2.12	25.4	0.011	HDPE
MH-3635	MH-3636	571.99	571.84	570.84	570.59	30.3	150	0.3	122.9	1.3711	0.0143	1	1	1.09	10.9	0.011	HDPE
MH-3566	MH-243	581.6	581.59	580.33	580.3	30.3	150	0.12	1,000.00	0.4807	0.0069	1.1	1.12	1.14	7.4	0.011	HDPE
MH-3637	MH-1498	592.52	591.78	590.79	590.63	16.6	150	0.56	100	1.52	0.094	1.3	1.58	1	18.1	0.011	HDPE
MH-3638	MH-3639	579.59	579.52	577.61	577.36	30.3	150	0.8	121.815	1.3772	0.4088	1.9	1.83	2	42.3	0.011	HDPE
MH-3385	MH-34	569.43	569.02	568.17	567.87	30.3	150	0.52	100	1.52	0.0717	1.1	1.1	1	15.8	0.011	HDPE
MH-3642	MH-3643	568.09	567.7	566.85	566.55	30.3	150	0.73	100	1.52	0.2336	1	1.09	1	36.7	0.011	HDPE
MH-3644	MH-3645	594.35	593.96	593.11	592.81	30.3	150	0.49	100	1.52	0.0604	1	1.09	1	14.5	0.011	HDPE
MH-3621	MH-3646	573.86	573.29	572.44	572.14	30.3	150	0.64	100	1.52	0.1454	1.1	1.27	1	22.5	0.011	HDPE
MH-3647	MH-3648	573.32	573.37	572.17	572.22	30.3	150	0.24	565.018	0.6395	0.0394	1	1	1	18.2	0.011	HDPE
MH-3578	MH-3649	567.72	567.55	566.48	566.4	30.3	150	0.3	391.99	0.7677	0.0547	1	1.09	1	17.9	0.011	HDPE
MH-3650	MH-677	588.33	588.63	586.86	586.83	30.3	150	0.18	1,000.00	0.4807	0.0331	1.5	1.32	1.65	19.6	0.011	HDPE
MH-3651	MH-3652	589.99	589.95	588.82	588.79	30.3	150	0.24	1,000.00	0.4807	0.0836	1	1.02	1.01	31.6	0.011	HDPE
MH-3653	MH-3654	580.61	580.29	579.44	579.14	30.3	150	0.42	100	1.52	0.0363	1	1.03	1	13.5	0.011	HDPE
MH-3655	MH-1399	587.68	586.82	585.99	585.67	31.6	150	0.4	100	1.52	0.0305	1.3	1.55	1	10.4	0.011	HDPE
MH-3656	MH-3542	569.34	568.78	567.93	567.63	30.3	150	0.91	100	1.52	0.4954	1.1	1.26	1	42.4	0.011	HDPE
MH-405	MH-3657	580.26	579.82	578.95	578.65	30.3	175	1.06	100	2.5221	0.717	1.1	1.13	1	40.9	0.01	HDPE
MH-3658	MH-1000	568.7	568.37	567.52	567.22	30.3	150	0.35	100	1.52	0.0184	1	1.03	1	8.1	0.011	HDPE
MH-2330	MH-2135	572.28	571.65	570.64	570.5	30.3	150	0.38	203.516	1.0655	0.0599	1.2	1.48	1	15.7	0.011	HDPE
MH-3660	MH-1834	571.73	571.18	570.33	570.03	30.3	150	0.71	100	1.52	0.2131	1.1	1.25	1	27.4	0.011	HDPE
MH-3661	MH-3662	583.11	582.72	581.88	581.57	30.3	150	0.41	100	1.52	0.0328	1	1.08	1	10.7	0.011	HDPE
MH-3515	MH-1731	581.3	580.74	579.89	579.59	30.3	150	0.34	100	1.52	0.0178	1.1	1.25	1	8	0.011	HDPE
MH-2002	MH-3664	583.21	583.64	582.06	582.37	30.3	150	0.54	100	1.52	0.085	1.1	1	1.13	17.2	0.011	HDPE
MH-3665	MH-2451	545.42	545.73	544.36	544.44	30.3	150	0.48	400	0.7775	0.3017	1	0.91	1.15	39.4	0.011	HDPE
MH-3666	MH-1187	569.59	570.12	568.44	568.41	30.3	150	0.11	1,000.00	0.4807	0.0057	1.3	1	1.55	10.4	0.011	HDPE
MH-3667	MH-2646	568.42	567.85	567	566.7	30.3	150	0.2	100	1.52	0.0028	1.1	1.27	1	3.2	0.011	HDPE
MH-3668	MH-3669	577.98	578.59	576.25	576.22	30.3	150	0.25	1,000.00	0.4807	0.0996	1.9	1.58	2.22	34.1	0.011	HDPE
MH-320	MH-1543	572.94	572.19	571.35	571.04	30.3	150	0.58	100	1.52	0.1055	1.2	1.44	1	19.2	0.011	HDPE
MH-1674	MH-784	582.27	582.05	581	580.77	30.3	271	1.21	129.191	7.1225	1.7741	1	1	1.01	44.3	0.01	HDPE
MH-3671	MH-941	579.94	579.77	578.79	578.62	30.3	150	0.25	186.844	1.112	0.0128	1	1	1	8.6	0.011	HDPE
MH-3672	MH-3673	587.68	587.75	586.53	586.5	30.3	150	0.22	1,000.00	0.4807	0.0612	1	1	1.1	37.1	0.011	HDPE
MH-3675	MH-934	591.16	590.53	589.68	589.38	30.3	150	0.43	100	1.52	0.038	1.2	1.33	1	11.5	0.011	HDPE
MH-3676	MH-2239	589.85	590	588.67	588.64	30.3	150	0.28	1,000.00	0.4807	0.1367	1.1	1.03	1.21	33.7	0.011	HDPE
MH-3523	MH-3677	575.45	574.08	573.23	572.93	30.3	150	0.75	100	1.52	0.2558	1.5	2.07	1	30	0.011	HDPE
MH-1295	MH-1517	586.12	585.84	584.83	584.61	30.3	217	1.11	137.615	3.8156	1.3527	1	1.07	1	44.3	0.01	HDPE
MH-2262	MH-3678	580.25	580	579.06	578.82	30.3	150	0.8	123.571	1.3674	0.42	1	1.04	1.03	42.8	0.011	HDPE
MH-1633	MH-3679	576.89	576.55	574.21	573.92	30.3	150	0.8	104.625	1.486	0.3342	2.5	2.52	2.48	37.6	0.011	HDPE
MH-3680	MH-2545	587.59	586.26	585.41	585.11	30.3	150	0.83	100	1.52	0.3613	1.5	2.03	1	35.9	0.011	HDPE
MH-3681	MH-3682	587.45	586.89	585.97	585.74	22.2	150	0.41	100	1.52	0.0341	1.2	1.33	1	11	0.011	HDPE
MH-3683	MH-863	582.46	582.42	581.31	581.27	30.3	150	0.13	725.849	0.5642	0.0077	1	1	1	8.8	0.011	HDPE
MH-3684	MH-3685	565.48	564.95	564.08	563.78	30.3	175	1.09	100	2.5221	0.7863	1.1	1.23	1	42.9	0.01	HDPE
MH-3686	MH-3647	573.26	573.32	572.11	572.17	30.3	150	0.26	562.37	0.641	0.0563	1	1	1	18.6	0.011	HDPE
MH-3687	MH-3554	584.7	584.17	583.32	583.02	30.3	150	0.26	100	1.52	0.0073	1.1	1.22	1	5.2	0.011	HDPE
MH-3688	MH-3689	578.65	578.18	574.01	574.04	30.3	150	0.27	1,000.00	0.4807	0.1196	4.2	4.49	3.99	33.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3690	MH-3691	576.17	576.08	574.98	574.86	30.3	175	0.8	249.004	1.5983	0.8741	1	1.01	1.04	51.3	0.01	HDPE
MH-3692	MH-1537	549.02	548.17	547.33	547.02	30.3	150	0.67	100	1.52	0.1769	1.3	1.55	1	24.9	0.011	HDPE
MH-3693	MH-1031	580	580	578.85	578.82	30.3	150	0.09	1,000.00	0.4807	0.0028	1	1	1.03	6.4	0.011	HDPE
MH-3694	MH-3695	576.8	576.3	575.45	575.15	30.3	150	0.24	100	1.52	0.0062	1.1	1.2	1	4.8	0.011	HDPE
MH-3610	MH-3697	573.9	574.05	572.5	572.35	30.3	175	0.8	203.335	1.7687	0.6511	1.4	1.23	1.53	43.9	0.01	HDPE
MH-1755	MH-3698	583.97	583.85	582.53	582.56	30.3	150	0.24	1,000.00	0.4807	0.0786	1.2	1.29	1.15	33.3	0.011	HDPE
MH-2154	MH-1082	580.06	579.77	578.91	578.62	29.8	150	0.37	102.32	1.5027	0.0237	1	1	1	11.1	0.011	HDPE
MH-3699	MH-2219	572.79	572.89	571.64	571.61	30.3	150	0.19	1,000.00	0.4807	0.0393	1.1	1	1.14	22.2	0.011	HDPE
MH-3700	MH-1104	585.36	584.81	583.97	583.66	30.3	150	0.81	100	1.52	0.3301	1.1	1.24	1	34.3	0.011	HDPE
MH-3701	MH-3702	590.07	589.71	588.87	588.56	30.4	150	0.49	100	1.52	0.0615	1	1.05	1	16.6	0.011	HDPE
MH-3703	MH-1331	589.28	589.45	587.83	587.8	30.4	150	0.2	1,000.00	0.4807	0.0467	1.4	1.29	1.5	22.8	0.011	HDPE
MH-1895	MH-3497	578.9	578.96	577.75	577.7	43.3	150	0.14	1,000.00	0.4807	0.0119	1.1	1	1.11	16.7	0.011	HDPE
MH-3583	MH-748	575.99	575.96	574.58	574.48	29.5	217	0.8	275.928	2.6946	1.0293	1.2	1.19	1.26	42	0.01	HDPE
MH-3704	MH-580	555.6	555.75	554.45	554.42	30.1	150	0.08	1,000.00	0.4807	0.0019	1.1	1	1.18	14.7	0.011	HDPE
MH-3705	MH-3675	591.75	591.16	590.31	590.01	30.4	150	0.39	100	1.52	0.0273	1.1	1.29	1	9.9	0.011	HDPE
MH-3706	MH-3707	578.61	578.14	575.57	575.54	30.4	600	0.92	1,000.00	19.3795	18.3925	2.2	2.45	2.01	70.3	0.011	HDPE
MH-3673	MH-3507	587.75	587.79	586.5	586.47	30.4	150	0.3	1,000.00	0.4807	0.1827	1.1	1.1	1.16	49.7	0.011	HDPE
MH-1838	MH-2378	570.75	570.75	568.85	568.6	30.4	150	0.8	121.363	1.3798	0.4065	1.9	1.75	2	41.8	0.011	HDPE
MH-3664	MH-3708	583.64	584.1	582.49	582.8	30.4	150	0.49	100	1.52	0.0612	1.1	1	1.15	14.6	0.011	HDPE
MH-1419	MH-3709	574.16	573.66	572.81	572.51	30.4	150	0.32	100	1.52	0.0147	1.1	1.2	1	7.3	0.011	HDPE
MH-372	MH-1899	589.49	589.7	588.12	588.05	21	217	0.8	284.231	2.6549	1.07	1.3	1.15	1.43	43.9	0.01	HDPE
MH-3710	MH-3711	586.16	585.98	585.01	584.83	30.4	150	0.55	172.439	1.1575	0.1733	1	1	1	27.5	0.011	HDPE
MH-2511	MH-3712	567.42	567.2	566.27	566.05	30.4	150	0.88	133.668	1.3147	0.6576	1	1	1	54	0.011	HDPE
MH-1835	MH-3713	570.75	570.76	569.53	569.5	30.4	150	0.34	1,000.00	0.4807	0.3129	1.1	1.07	1.11	46.4	0.011	HDPE
MH-3714	MH-3715	585.67	585.08	584.23	583.93	30.4	150	0.81	100	1.52	0.3359	1.1	1.28	1	34.6	0.011	HDPE
MH-3717	MH-3716	590.77	590.37	589.52	589.22	30.4	150	0.72	100	1.52	0.2157	1.1	1.1	1	27.5	0.011	HDPE
MH-3718	MH-3719	588.24	587.73	586.89	586.58	30.4	150	0.39	100	1.52	0.0277	1.1	1.21	1	9.8	0.011	HDPE
MH-3720	MH-3541	579.44	579.13	578.28	577.98	30.4	150	0.34	100	1.52	0.0172	1	1.01	1	10.1	0.011	HDPE
MH-2507	MH-3721	575.92	575.31	574.47	574.16	30.4	150	0.44	100	1.52	0.0405	1.1	1.3	1	11.9	0.011	HDPE
MH-3613	MH-3722	589.78	589.74	588.63	588.59	30.4	150	0.31	829.542	0.5278	0.1673	1	1	1	43.6	0.011	HDPE
MH-3723	MH-916	574.21	574.54	572.47	572.29	30.4	150	0.8	170.032	1.2823	0.4969	1.8	1.59	2.1	46.5	0.01	HDPE
MH-3724	MH-1996	566.8	566.33	565.43	565.18	30.4	150	0.6	117.899	1.3999	0.1425	1.1	1.21	1	22.7	0.011	HDPE
MH-3725	MH-3726	604.04	604.66	602.89	603.2	30.4	150	0.91	100	1.52	0.4988	1.2	1	1.31	42.6	0.011	HDPE
MH-1917	MH-287	578.81	578.3	577.45	577.15	30.4	150	0.46	100	1.52	0.0495	1.1	1.2	1	13.2	0.011	HDPE
MH-3727	MH-3656	569.91	569.34	568.5	568.19	30.4	150	0.89	100	1.52	0.4688	1.1	1.26	1	41.2	0.011	HDPE
MH-2484	MH-415	588.28	588.03	587.13	586.88	30.4	150	0.44	126.075	1.3537	0.056	1	1	1	16.1	0.011	HDPE
MH-3532	MH-3728	567	567	565.84	565.81	30.4	150	0.3	1,000.00	0.4807	0.1778	1	1.01	1.04	34.5	0.011	HDPE
MH-3729	MH-1447	583.85	583.69	582.7	582.54	30.4	150	0.37	193.485	1.0928	0.0489	1	1	1	16.3	0.011	HDPE
MH-3730	MH-1815	582.24	581.1	580.25	579.95	30.4	150	0.36	100	1.52	0.0204	1.4	1.83	1	8.5	0.011	HDPE
MH-3731	MH-3732	593.59	593.07	592.22	591.92	30.4	150	0.3	100	1.52	0.0117	1.1	1.22	1	6.5	0.011	HDPE
MH-3733	MH-3734	559.27	558.75	557.54	557.25	30.4	500	1.87	103.815	36.9882	9.8359	1.1	1.23	1	40.2	0.011	HDPE
MH-3735	MH-3736	589.1	589.36	587.95	587.92	30.4	150	0.15	1,000.00	0.4807	0.0183	1.1	1	1.29	16	0.011	HDPE
MH-3737	MH-1126	580.88	580.6	579.73	579.45	30.4	150	0.2	108.609	1.4585	0.0033	1	1	1	4.5	0.011	HDPE
MH-3738	MH-1891	570.57	570.02	569.17	568.87	30.4	150	0.32	100	1.52	0.0155	1.1	1.25	1	20	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3739	MH-3740	588.05	587.84	586.82	586.56	30.4	150	0.8	115.641	1.4135	0.3856	1.1	1.08	1.13	41.5	0.011	HDPE
MH-3741	MH-3742	576.44	576.29	575.29	575.14	30.4	150	0.84	200.798	1.1799	0.7682	1	1	1	60.8	0.01	HDPE
MH-2010	MH-2505	571.99	571.94	570.2	570.17	30.4	150	0.28	1,000.00	0.4807	0.1445	1.6	1.64	1.61	33.8	0.011	HDPE
MH-3744	MH-3743	581.52	580.9	580.05	579.75	30.4	150	0.68	100	1.52	0.1803	1.2	1.31	1	25.1	0.011	HDPE
MH-3745	MH-3746	574.98	574.29	572.67	572.7	30.4	150	0.22	1,000.00	0.4807	0.0589	1.8	2.16	1.44	29.4	0.011	HDPE
MH-3747	MH-3748	582.04	581.42	580.58	580.27	30.4	150	0.44	100	1.52	0.0406	1.2	1.31	1	11.9	0.011	HDPE
MH-624	MH-1152	575.3	574.89	574.05	573.74	30.4	150	0.44	100	1.52	0.042	1.1	1.1	1	12.1	0.011	HDPE
MH-1639	MH-3750	586.78	587.13	585.63	585.94	30.8	150	0.33	100	1.52	0.0167	1	1	1.04	7.7	0.011	HDPE
MH-3648	MH-3607	573.37	573.5	572.22	572.35	30.4	150	0.28	238.142	0.985	0.0244	1	1	1	13.7	0.011	HDPE
MH-3751	MH-3752	579.85	579.35	578.5	578.2	30.4	150	0.24	100	1.52	0.0051	1.1	1.2	1	4.3	0.011	HDPE
MH-3753	MH-1117	553.38	553.37	552.23	552.2	30.4	150	0.22	1,000.00	0.4807	0.0669	1	1	1.03	25.8	0.011	HDPE
MH-3754	MH-3755	582.18	581.97	581.03	580.79	30.4	150	0.37	128.303	1.3419	0.0326	1	1	1.03	13.5	0.011	HDPE
MH-3757	MH-3745	576.33	574.98	572.65	572.67	21.6	150	0.23	1,000.00	0.4807	0.0684	2.8	3.53	2.16	40.8	0.011	HDPE
MH-2485	MH-3758	584.63	585.18	583.36	583.27	30.4	271	0.8	364.526	4.2402	1.563	1.3	1	1.64	47.4	0.01	HDPE
MH-3619	MH-3759	585.13	585.02	583.96	583.84	30.4	175	0.84	259.286	1.5663	1.1439	1	1	1	63.5	0.01	HDPE
MH-1190	MH-3761	580.84	580.53	578.15	578.12	30.4	150	0.29	1,000.00	0.4807	0.1631	2.4	2.54	2.27	42.7	0.011	HDPE
MH-3762	MH-3763	589.39	589.48	588.24	588.21	32.2	150	0.33	1,000.00	0.4807	0.2712	1.1	1	1.12	42.8	0.011	HDPE
MH-1233	MH-698	569.69	569.1	568.25	567.95	30.4	150	0.71	100	1.52	0.211	1.1	1.28	1	27.2	0.011	HDPE
MH-2536	MH-680	581.24	580.61	579.77	579.46	30.4	150	0.37	100	1.52	0.0233	1.2	1.32	1	9.1	0.011	HDPE
MH-3765	MH-3579	576.73	577.09	574.35	574.32	30.4	150	0.19	1,000.00	0.4807	0.0403	2.4	2.23	2.63	20.6	0.011	HDPE
MH-3669	MH-3766	578.59	579.14	576.22	576.19	30.4	150	0.28	1,000.00	0.4807	0.1383	2.5	2.22	2.8	40	0.011	HDPE
MH-3767	MH-3768	580.49	580.15	579.31	579	30.4	150	0.27	100	1.52	0.0088	1	1.03	1	8.1	0.011	HDPE
MH-3769	MH-3531	567.22	567.02	566.07	565.87	30.4	150	0.53	157.783	1.2101	0.1381	1	1	1	31.8	0.011	HDPE
MH-3770	MH-3771	577.29	575.84	572.98	573	20.2	150	0.28	1,000.00	0.4807	0.1358	3.4	4.16	2.69	40.3	0.011	HDPE
MH-2501	MH-3772	571.77	571.4	570.55	570.25	30.4	150	0.55	100	1.52	0.0877	1	1.07	1	19.7	0.011	HDPE
MH-3643	MH-2308	567.7	567.65	566.55	566.5	30.4	150	0.4	565.554	0.6392	0.2425	1	1	1	46.5	0.011	HDPE
MH-3773	MH-3774	583.39	583.21	582.22	582.06	30.4	150	0.81	187.648	1.2206	0.586	1	1.02	1	51.1	0.01	HDPE
MH-3775	MH-1846	584.7	585.5	583.55	583.79	24.1	150	0.39	100	1.52	0.0271	1.3	1	1.56	15.2	0.011	HDPE
MH-3776	MH-616	579.27	579.07	578.1	577.9	30.8	175	0.92	154.86	2.0267	0.7471	1	1	1	48.3	0.01	HDPE
MH-3777	MH-3778	582.42	581.84	580.99	580.69	30.4	150	0.35	100	1.52	0.0197	1.1	1.28	1	8.3	0.011	HDPE
MH-3779	MH-291	580.3	580.1	578.09	578.06	30.4	150	0.32	1,000.00	0.4807	0.2458	2	2.07	1.89	49.1	0.011	HDPE
MH-3780	MH-3769	567.37	567.22	566.22	566.07	30.4	150	0.46	202.016	1.0694	0.1086	1	1	1	22.5	0.011	HDPE
MH-1000	MH-2279	568.37	568	567.15	566.85	30.4	150	0.43	100	1.52	0.0399	1	1.07	1	11.8	0.011	HDPE
MH-3781	MH-564	576.17	575.75	574.91	574.6	30.5	150	0.24	100	1.52	0.0063	1.1	1.11	1	4.8	0.011	HDPE
MH-3649	MH-3780	567.55	567.37	566.4	566.22	30.5	150	0.45	163.894	1.1873	0.0791	1	1	1	19.6	0.011	HDPE
MH-3782	MH-3783	588.89	588.65	587.74	587.5	30.5	150	0.5	127.005	1.3488	0.0858	1	1	1	21.6	0.011	HDPE
MH-3784	MH-3676	589.85	589.85	588.7	588.67	30.5	150	0.23	1,000.00	0.4807	0.0762	1	1	1.03	31.6	0.011	HDPE
MH-3785	MH-1242	569.57	569.48	568.42	568.33	30.5	150	0.36	315.721	0.8555	0.0847	1	1	1	23.1	0.011	HDPE
MH-3786	MH-3787	557.56	557.43	556.06	555.93	30.5	500	1.43	234.013	24.6362	10.8336	1	1	1	55.6	0.011	HDPE
MH-3788	MH-3789	587.48	586.89	586.04	585.74	30.5	150	0.46	100	1.52	0.0468	1.1	1.28	1	15.4	0.011	HDPE
MH-3790	MH-1923	564.46	564	563.13	562.83	30.5	175	1.13	100	2.5221	0.8809	1.1	1.15	1	45.5	0.01	HDPE
MH-69	MH-3791	576.85	576.43	575.47	575.28	18.4	150	0.29	100	1.52	0.0107	1.1	1.23	1	6.2	0.011	HDPE
MH-3792	MH-3793	578.41	578.1	577.26	576.95	30.5	150	0.53	100.926	1.513	0.0768	1	1	1	18.8	0.011	HDPE
MH-3794	MH-3620	575.22	574.55	572.91	572.88	30.5	150	0.27	1,000.00	0.4807	0.126	1.8	2.16	1.52	29	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3795	MH-582	580.91	580.85	579.76	579.7	30.5	150	0.15	564.276	0.6399	0.0086	1	1	1	6.9	0.011	HDPE
MH-3796	MH-506	589.01	589.13	587.35	587.31	30.5	150	0.2	1,000.00	0.4807	0.0466	1.6	1.52	1.66	22.6	0.011	HDPE
MH-3797	MH-3798	584.32	584.86	583.17	583.14	30.5	150	0.21	1,000.00	0.4807	0.0546	1.3	1	1.58	24.8	0.011	HDPE
MH-3799	MH-2102	591.68	591.17	590.33	590.02	30.5	150	0.25	100	1.52	0.0061	1.1	1.2	1	4.7	0.011	HDPE
MH-3758	MH-3800	585.18	585.72	583.27	583.21	30.5	271	0.8	455.281	3.7941	2.1634	1.9	1.64	2.25	53.7	0.01	HDPE
MH-3801	MH-775	582.27	581.85	581	580.7	30.5	150	0.26	100	1.52	0.0069	1.1	1.11	1	5	0.011	HDPE
MH-980	MH-2101	583.23	583.08	581.89	581.93	30.5	150	0.28	1,000.00	0.4807	0.1357	1.1	1.19	1	41.9	0.011	HDPE
MH-3802	MH-3651	590	589.99	588.85	588.82	30.5	150	0.19	1,000.00	0.4807	0.0365	1	1	1.02	23.5	0.011	HDPE
MH-3803	MH-772	586.6	586.4	585.45	585.25	30.5	150	0.49	147.922	1.2498	0.0972	1	1	1	20.8	0.011	HDPE
MH-3806	MH-3807	578.01	577.67	576.82	576.52	30.5	150	0.58	100	1.52	0.1044	1	1.04	1	19.1	0.011	HDPE
MH-1105	MH-3808	584.49	583.96	583.12	582.81	30.5	150	0.93	100	1.52	0.552	1.1	1.23	1	44.9	0.011	HDPE
MH-2203	MH-341	555.42	555.55	554.18	554.15	30.5	150	0.12	1,000.00	0.4807	0.0084	1.2	1.09	1.25	7.5	0.011	HDPE
MH-3809	MH-1769	581.77	581.68	580.62	580.53	41.7	150	0.36	485.217	0.6901	0.1371	1	1	1	33.6	0.011	HDPE
MH-3810	MH-3811	573.14	573.42	571.99	571.96	30.5	150	0.1	1,000.00	0.4807	0.0045	1.2	1	1.31	9.3	0.011	HDPE
MH-1954	MH-3670	555.78	555.93	553.38	553.31	30.5	271	0.8	419.214	3.954	1.907	2.2	2.13	2.35	48.9	0.01	HDPE
MH-3812	MH-2510	567.88	567.65	566.73	566.5	30.5	150	0.86	131.141	1.3273	0.5953	1	1	1	51.4	0.011	HDPE
MH-3813	MH-3814	571.86	572.07	570.71	570.68	30.5	150	0.11	1,000.00	0.4807	0.0053	1.1	1	1.25	9.6	0.011	HDPE
MH-3815	MH-3816	579.13	579.19	577.98	577.95	30.5	150	0.12	1,000.00	0.4807	0.0092	1	1	1.1	10.6	0.011	HDPE
MH-3787	MH-3817	557.43	557.4	555.93	555.9	30.5	500	0.87	846.414	12.9539	11.0076	1	1	1	60.1	0.011	HDPE
MH-3748	MH-3573	581.42	580.71	579.87	579.56	30.5	150	0.57	100	1.52	0.0978	1.2	1.41	1	18.4	0.011	HDPE
MH-3818	MH-3819	578.44	578.78	577.29	577.26	30.5	150	0.15	1,000.00	0.4807	0.0155	1.2	1	1.37	13.4	0.011	HDPE
MH-3820	MH-1751	578.11	577.65	576.81	576.5	30.5	150	0.28	100	1.52	0.0099	1.1	1.15	1	6	0.011	HDPE
MH-1696	MH-3663	584.28	584.84	582.69	582.66	30.5	150	0.18	1,000.00	0.4807	0.034	1.7	1.44	2.03	19.2	0.011	HDPE
MH-3821	MH-1849	575.31	574.97	573.01	572.98	30.5	150	0.27	1,000.00	0.4807	0.1302	2	2.16	1.84	35.6	0.011	HDPE
MH-3822	MH-3823	567	567	565.67	565.54	30.5	175	0.8	220.534	1.6984	0.729	1.2	1.15	1.29	46.2	0.01	HDPE
MH-3824	MH-3825	577.54	577.01	576.1	575.79	30.5	217	1.32	100	4.476	1.6478	1.1	1.22	1	47.3	0.01	HDPE
MH-1920	MH-1608	544.33	544.22	542.67	542.64	30.6	150	0.22	1,000.00	0.4807	0.0655	1.5	1.5	1.43	28.1	0.011	HDPE
MH-3826	MH-1924	589	589.07	587.85	587.82	30.5	150	0.2	1,000.00	0.4807	0.0448	1	1	1.1	25.5	0.011	HDPE
MH-3743	MH-2262	580.9	580.25	579.4	579.1	30.5	150	0.71	100	1.52	0.2113	1.2	1.35	1	27.2	0.011	HDPE
MH-2344	MH-2201	577.99	577.31	576.47	576.16	30.5	150	1.06	100	1.52	0.9168	1.2	1.37	1	59.4	0.011	HDPE
MH-3827	MH-1737	587.24	586.29	585.49	585.14	34.5	150	0.43	100	1.52	0.0376	1.3	1.6	1	11.5	0.011	HDPE
MH-3828	MH-1368	584.24	584.03	583.09	582.88	30.5	150	0.53	148.937	1.2455	0.1215	1	1	1	23.4	0.011	HDPE
MH-931	MH-3829	581.88	581.17	580.32	580.02	30.5	150	0.65	100	1.52	0.1519	1.2	1.41	1	23.1	0.011	HDPE
MH-3552	MH-1829	581.26	580.41	579.51	579.26	25.7	150	0.49	100	1.52	0.0594	1.3	1.59	1	14.4	0.011	HDPE
MH-3830	MH-1431	584.82	584.64	583.67	583.49	30.5	150	0.5	162.931	1.1908	0.1108	1	1	1	22.8	0.011	HDPE
MH-3831	MH-3529	572.6	571.74	570.87	570.57	30.5	175	1.05	100	2.5221	0.6889	1.3	1.55	1	40	0.01	HDPE
MH-3832	MH-3599	584.8	583.86	583.02	582.71	30.5	150	0.98	100	1.52	0.675	1.3	1.63	1	50.1	0.011	HDPE
MH-1883	MH-1445	588.91	588.67	587.76	587.52	30.5	150	0.4	127.394	1.3467	0.0408	1	1	1	12.3	0.011	HDPE
MH-3833	MH-3638	579.56	579.59	577.88	577.61	30.5	150	0.8	114.963	1.4177	0.3827	1.7	1.53	1.83	40.9	0.011	HDPE
MH-3834	MH-250	579.49	577.64	576.79	576.49	30.5	150	0.26	100	1.52	0.0074	1.8	2.55	1	5.2	0.011	HDPE
MH-3652	MH-3835	589.95	589.91	588.79	588.76	30.5	150	0.28	941.834	0.4953	0.1325	1	1.01	1	32.3	0.011	HDPE
MH-3836	MH-3837	543.66	543.54	542.51	542.39	30.5	150	0.09	265.913	0.9321	0.0006	1	1	1	2.5	0.011	HDPE
MH-3838	MH-3580	577.28	576.95	576.1	575.8	30.5	150	0.82	100	1.52	0.3494	1	1.03	1	35.3	0.011	HDPE
MH-3839	MH-1253	570.24	569.58	568.67	568.36	30.5	217	1.1	100	4.476	0.8695	1.2	1.36	1	33.8	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3842	MH-3631	588.77	587.79	586.95	586.64	30.5	150	0.85	100	1.52	0.3886	1.3	1.67	1	37.3	0.011	HDPE
MH-3843	MH-3844	577.61	578.18	576.46	576.43	30.5	150	0.16	1,000.00	0.4807	0.0223	1.3	1	1.6	19.1	0.011	HDPE
MH-3845	MH-3846	576.98	576.51	575.66	575.36	30.5	150	0.29	100	1.52	0.0105	1.1	1.17	1	6.2	0.011	HDPE
MH-2597	MH-1312	588.18	587.72	586.88	586.57	30.5	150	0.98	100	1.672	0.5126	1.1	1.15	1	42.2	0.01	HDPE
MH-3848	MH-3086	576	575.45	574.61	574.3	30.5	150	0.48	100	1.52	0.0547	1.1	1.24	1	13.8	0.011	HDPE
MH-2439	MH-3849	578.15	578.1	577	576.95	30.5	150	0.26	560.476	0.6421	0.0572	1	1	1	20.9	0.011	HDPE
MH-1597	MH-3850	565.98	565.77	564.83	564.62	30.5	150	0.55	142.275	1.2743	0.1308	1	1	1	23.8	0.011	HDPE
MH-3851	MH-3828	584.4	584.24	583.25	583.09	30.5	150	0.45	185.369	1.1164	0.0895	1	1	1	20.6	0.011	HDPE
MH-3759	MH-2058	585.02	584.89	583.84	583.71	30.5	175	0.88	239.398	1.6301	1.2475	1	1	1	64.6	0.01	HDPE
MH-3852	MH-3853	578.67	577.94	577.09	576.79	30.5	150	0.42	100	1.52	0.0359	1.2	1.43	1	11.2	0.011	HDPE
MH-286	MH-2323	569.29	569.49	568.13	568.34	30.8	150	0.69	140.873	1.2807	0.2878	1	1.01	1	37.5	0.011	HDPE
MH-3854	MH-2329	573.23	572.78	571.92	571.63	30.6	150	0.39	103.471	1.4943	0.029	1.1	1.15	1	10.1	0.011	HDPE
MH-3855	MH-2538	590.07	589.36	588.52	588.21	30.6	150	0.68	100	1.52	0.1805	1.2	1.41	1	25.1	0.011	HDPE
MH-3856	MH-1913	544.21	544.2	542.99	542.96	30.6	150	0.18	1,000.00	0.4807	0.0331	1.1	1.07	1.09	17.7	0.011	HDPE
MH-3857	MH-3668	577.44	577.98	576.29	576.25	30.6	150	0.22	1,000.00	0.4807	0.0599	1.3	1	1.58	27.4	0.011	HDPE
MH-3858	MH-3859	589.18	589.14	588.03	587.99	30.6	150	0.17	810.689	0.5339	0.019	1	1	1	15.6	0.011	HDPE
MH-1844	MH-176	580.01	579.18	578.34	578.03	30.6	150	0.59	100	1.52	0.1135	1.3	1.52	1	19.9	0.011	HDPE
MH-3860	MH-3861	582.2	581.93	581.05	580.78	30.6	150	0.58	115.974	1.4115	0.1251	1	1	1	23.1	0.011	HDPE
MH-3862	MH-3863	594.29	593.6	592.76	592.45	30.6	150	0.44	100	1.52	0.0426	1.2	1.38	1	12.2	0.011	HDPE
MH-2331	MH-3864	585.29	585.04	584.14	583.89	30.6	150	0.34	119.958	1.3878	0.0212	1	1	1	8.8	0.011	HDPE
MH-3874	MH-450	573.56	573.08	572.24	571.93	30.6	150	0.35	100	1.52	0.019	1.1	1.18	1	8.2	0.011	HDPE
MH-3140	MH-1413	588.16	587.75	586.65	586.35	30.6	400	1.52	100	20.7858	4.1637	1.1	1.11	1	34.4	0.011	HDPE
MH-3865	MH-3866	574.22	573.45	572.6	572.3	30.6	150	0.69	100	1.52	0.1901	1.2	1.47	1	25.8	0.011	HDPE
MH-3867	MH-3725	603.39	604.04	602.24	602.54	30.6	150	0.95	100	1.52	0.6035	1.2	1	1.35	47.1	0.011	HDPE
MH-3868	MH-3869	572.98	572.63	571.78	571.48	30.6	150	0.39	100	1.52	0.0284	1	1.05	1	10	0.011	HDPE
MH-2300	MH-1524	582.34	581.93	581.09	580.78	30.6	150	1.05	100	1.52	0.8711	1.1	1.1	1	57.7	0.011	HDPE
MH-3606	MH-1189	579.95	580.49	578.2	578.17	30.6	150	0.19	1,000.00	0.4807	0.0391	1.9	1.6	2.17	24.8	0.011	HDPE
MH-1519	MH-1380	580.67	580.45	579.52	579.3	30.6	150	0.67	141.389	1.2783	0.2615	1	1	1	34.9	0.011	HDPE
MH-617	MH-546	580.42	579.88	578.58	578.61	30.6	150	0.25	1,000.00	0.4807	0.0896	1.4	1.69	1.12	33.2	0.011	HDPE
MH-3844	MH-175	578.18	578.91	576.43	576.4	30.6	150	0.21	1,000.00	0.4807	0.0492	2	1.6	2.36	30.8	0.011	HDPE
MH-3871	MH-2055	576.48	576.68	574.9	574.65	30.6	150	0.8	122.241	1.3748	0.4109	1.7	1.43	1.88	42.1	0.011	HDPE
MH-3872	MH-3873	575.54	574.94	574.1	573.79	30.6	150	0.63	100	1.52	0.142	1.1	1.29	1	22.3	0.011	HDPE
MH-1908	MH-3717	591.13	590.77	589.93	589.62	30.6	150	0.57	100	1.52	0.0983	1	1.05	1	18.5	0.011	HDPE
MH-3874	MH-3824	578	577.54	576.4	576.32	25.6	217	0.84	332.747	2.4538	1.6247	1.2	1.38	1	55.7	0.01	HDPE
MH-3853	MH-3512	577.94	577.21	576.36	576.06	30.6	150	0.47	100	1.52	0.0519	1.2	1.42	1	13.4	0.011	HDPE
MH-3875	MH-2345	589.36	589.32	588.21	588.17	30.6	150	0.25	814.656	0.5326	0.0774	1	1	1	22.4	0.011	HDPE
MH-2311	MH-3876	578.66	577.65	576.36	576.33	30.6	150	0.32	1,000.00	0.4807	0.2345	1.7	2.15	1.17	39.6	0.011	HDPE
MH-3877	MH-1532	576.12	575.7	574.86	574.55	30.6	150	0.8	100	1.52	0.3203	1.1	1.12	1	33.8	0.011	HDPE
MH-410	MH-3792	578.69	578.41	577.54	577.26	30.6	150	0.48	106.117	1.4756	0.0583	1	1	1	16.5	0.011	HDPE
MH-3878	MH-3879	580	580	578.82	578.79	30.6	150	0.12	1,000.00	0.4807	0.0089	1	1.03	1.06	10.6	0.011	HDPE
MH-382	MH-3880	580.32	579.91	578.42	578.19	30.6	150	0.8	129.816	1.3341	0.4443	1.7	1.74	1.57	43.8	0.011	HDPE
MH-2373	MH-3881	576.97	576.55	575.7	575.4	30.6	150	0.76	100	1.52	0.2667	1.1	1.12	1	30.7	0.011	HDPE
MH-3798	MH-3883	584.86	585.41	583.14	583.11	30.6	150	0.24	1,000.00	0.4807	0.0784	1.9	1.58	2.15	29	0.011	HDPE
MH-3884	MH-1416	580.08	579.44	578.6	578.29	30.6	150	0.52	100	1.52	0.072	1.2	1.34	1	15.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3885	MH-3884	580.68	580.08	579.24	578.93	30.6	150	0.43	100	1.52	0.0371	1.1	1.29	1	11.4	0.011	HDPE
MH-3863	MH-2070	593.6	592.91	592.06	591.76	30.6	150	0.47	100	1.52	0.0527	1.2	1.39	1	13.6	0.011	HDPE
MH-3886	MH-3887	573.77	573.76	572.62	572.59	30.6	150	0.17	1,000.00	0.4807	0.0238	1	1	1.02	18.1	0.011	HDPE
MH-3888	MH-3889	543.98	543.81	542.54	542.51	30.6	150	0.08	1,000.00	0.4807	0.0026	1.2	1.29	1.15	5.1	0.011	HDPE
MH-3654	MH-3890	580.29	579.99	579.14	578.84	30.6	150	0.47	104.759	1.4851	0.055	1	1	1	15.8	0.011	HDPE
MH-3553	MH-3891	587.21	587.02	586.06	585.87	34.1	150	0.58	184.774	1.1182	0.223	1	1	1	31.6	0.011	HDPE
MH-3892	MH-457	580	580	576.63	576.66	30.6	150	0.16	1,000.00	0.4807	0.0214	3.2	3.22	3.19	14.9	0.011	HDPE
MH-3893	MH-3894	570.21	570.4	569.06	569.25	30.6	150	0.21	160.989	1.198	0.0068	1	1	1	12.2	0.011	HDPE
MH-1881	MH-2071	592.23	592.34	590.98	591.19	31.3	150	0.8	148.392	1.2478	0.5355	1	1.1	1	49.3	0.011	HDPE
MH-545	MH-1102	577.99	577.77	576.77	576.62	30.6	150	0.59	204.161	1.0638	0.2593	1	1.07	1	33	0.011	HDPE
MH-3895	MH-1063	581.62	581.83	580.47	580.68	22.8	150	0.23	108.092	1.462	0.0049	1	1	1	4.2	0.011	HDPE
MH-1200	MH-1518	581.3	580.89	579.9	579.74	30.6	150	0.41	187.664	1.1096	0.0708	1.1	1.25	1	17.3	0.011	HDPE
MH-3896	MH-3897	589.04	588.88	587.73	587.54	30.6	150	0.8	164.102	1.3052	0.4721	1.2	1.16	1.19	46	0.01	HDPE
MH-671	MH-797	579.43	579.82	577.5	577.47	30.6	150	0.13	1,000.00	0.4807	0.0098	2	1.79	2.21	19.6	0.011	HDPE
MH-3898	MH-2680	569.39	568.96	568.12	567.81	30.6	150	0.42	100	1.52	0.036	1.1	1.12	1	11.3	0.011	HDPE
MH-3899	MH-3900	570.65	570.65	569.5	569.47	30.6	150	0.12	1,000.00	0.4807	0.008	1	1	1.03	11.6	0.011	HDPE
MH-3589	MH-400	585.84	586.39	584.12	584.09	30.6	150	0.22	1,000.00	0.4807	0.0605	1.9	1.57	2.16	26.3	0.011	HDPE
MH-3901	MH-531	569.86	569.77	567.29	567.26	30.6	150	0.3	1,000.00	0.4807	0.1877	2.4	2.41	2.36	43.3	0.011	HDPE
MH-3618	MH-3902	577.04	575.71	573.85	573.88	30.7	150	0.2	1,000.00	0.4807	0.0449	2.4	3.04	1.68	29.5	0.011	HDPE
MH-3861	MH-1782	581.93	581.74	580.78	580.59	30.7	150	0.53	162.336	1.193	0.1356	1	1	1	23.8	0.011	HDPE
MH-3903	MH-3904	568.8	569.05	567.51	567.77	30.7	150	0.8	119.39	1.3911	0.397	1.1	1.13	1.13	41.3	0.011	HDPE
MH-3702	MH-3905	589.71	589.4	588.56	588.25	30.7	150	0.62	100	1.52	0.1296	1	1.01	1	26.4	0.011	HDPE
MH-459	MH-2289	576.78	576.4	574.41	574.16	30.7	150	0.8	121.319	1.38	0.4063	2.2	2.22	2.09	41.7	0.011	HDPE
MH-3906	MH-1067	593.64	593.06	592.22	591.91	30.7	150	0.47	100	1.52	0.0496	1.1	1.27	1	13.2	0.011	HDPE
MH-1803	MH-3907	578.46	578.18	577.31	577.03	30.7	150	0.63	108.282	1.4607	0.1544	1	1	1	26.1	0.011	HDPE
MH-3908	MH-3909	547.81	547.85	546.66	546.7	30.7	150	0.13	818.796	0.5312	0.0094	1	1	1	10.7	0.011	HDPE
MH-3752	MH-1917	579.35	578.81	577.96	577.66	30.7	150	0.34	100	1.52	0.0173	1.1	1.23	1	7.8	0.011	HDPE
MH-3910	MH-2214	575.25	575.26	573.54	573.51	30.7	150	0.25	1,000.00	0.4807	0.0975	1.6	1.56	1.61	31.2	0.011	HDPE
MH-2002	MH-1988	583.21	582.55	580.93	580.9	30.7	150	0.28	1,000.00	0.4807	0.1536	1.8	2.13	1.49	31.9	0.011	HDPE
MH-3911	MH-3912	589.45	589.59	588.3	588.27	30.7	150	0.18	1,000.00	0.4807	0.0336	1.1	1	1.17	22.1	0.011	HDPE
MH-1219	MH-3913	553.12	553.04	551.97	551.89	30.7	150	0.41	365.756	0.7948	0.1598	1	1	1	27.9	0.011	HDPE
MH-739	MH-2475	579.72	579.43	578.57	578.28	30.7	150	0.35	108.189	1.4614	0.0206	1	1	1	9.7	0.011	HDPE
MH-3543	MH-3812	568.26	567.88	567.04	566.73	30.7	150	0.94	100	1.52	0.5606	1	1.07	1	49.9	0.011	HDPE
MH-3914	MH-420	581.18	581.08	579.5	579.32	30.7	175	0.8	173.895	1.9126	0.5321	1.5	1.51	1.58	39.3	0.01	HDPE
MH-229	MH-3342	574.49	573.99	571.17	571.08	30.7	271	0.8	367.15	4.225	1.5802	2.8	3.05	2.64	42	0.01	HDPE
MH-3915	MH-3916	589.16	589.13	588.01	587.98	30.7	150	0.35	955.262	0.4918	0.304	1	1	1	47.2	0.011	HDPE
MH-3917	MH-893	577.63	577.21	576.37	576.06	30.7	150	0.38	100	1.52	0.0269	1.1	1.11	1	9.8	0.011	HDPE
MH-3918	MH-2477	590.85	590.24	589.4	589.09	30.7	150	0.86	100	1.52	0.4205	1.1	1.3	1	38.9	0.011	HDPE
MH-3778	MH-3919	581.84	581.23	580.39	580.08	30.7	150	0.43	100	1.52	0.0399	1.1	1.3	1	11.8	0.011	HDPE
MH-3677	MH-3920	574.08	572.66	571.82	571.51	30.7	150	0.77	100	1.52	0.2749	1.6	2.11	1	31.2	0.011	HDPE
MH-3921	MH-3922	594.03	593.28	592.44	592.13	30.7	150	0.51	100	1.52	0.068	1.2	1.44	1	15.4	0.011	HDPE
MH-2528	MH-1095	592.5	591.9	591.06	590.75	30.7	150	0.41	100	1.52	0.0342	1.1	1.28	1	11	0.011	HDPE
MH-3716	MH-3923	590.37	589.99	589.15	588.84	30.7	150	0.79	100	1.52	0.3057	1	1.07	1	37.7	0.011	HDPE
MH-3924	MH-3706	578.91	578.61	575.6	575.57	30.7	600	0.92	1,000.00	19.3795	18.3661	2.6	2.71	2.45	71.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-97	MH-1086	581.37	581.18	580.22	580.03	30.7	150	0.37	169.996	1.1658	0.0439	1	1	1	13.2	0.011	HDPE
MH-2298	MH-228	575.18	574.67	573.83	573.52	30.7	150	0.7	100	1.52	0.2002	1.1	1.2	1	26.5	0.011	HDPE
MH-3925	MH-2496	590.32	589.8	588.96	588.65	30.7	150	0.5	100	1.52	0.0645	1.1	1.21	1	18.1	0.011	HDPE
MH-3926	MH-3927	588.98	588.79	587.83	587.64	30.7	150	0.33	158.013	1.2092	0.0263	1	1	1	12	0.011	HDPE
MH-2420	MH-3928	568.55	568.69	567.22	567.19	30.7	150	0.23	1,000.00	0.4807	0.0705	1.3	1.18	1.35	27.8	0.011	HDPE
MH-2706	MH-2646	568.3	567.85	567	566.7	30.7	150	0.36	100	1.52	0.0202	1.1	1.15	1	8.4	0.011	HDPE
MH-3732	MH-991	593.07	592.52	591.68	591.37	30.7	150	0.35	100	1.52	0.0199	1.1	1.24	1	8.4	0.011	HDPE
MH-3929	MH-3832	585.87	584.8	583.96	583.65	30.7	150	0.92	100	1.52	0.5308	1.4	1.77	1	44	0.011	HDPE
MH-3930	MH-1370	572.34	571.79	570.95	570.64	30.7	150	0.22	100	1.52	0.0044	1.1	1.24	1	4	0.011	HDPE
MH-3931	MH-3831	573.47	572.6	571.73	571.42	30.7	175	1.04	100	2.5221	0.6616	1.3	1.57	1	39.2	0.01	HDPE
MH-3932	MH-3597	578.71	578.87	577.56	577.53	30.7	150	0.12	1,000.00	0.4807	0.007	1.1	1	1.18	10.6	0.011	HDPE
MH-3933	MH-3934	589.05	589.01	587.9	587.86	30.7	150	0.16	817.469	0.5316	0.0182	1	1	1	15.3	0.011	HDPE
MH-2517	MH-3626	589.01	588.75	587.86	587.6	30.7	150	0.67	120.636	1.3839	0.2138	1	1	1	31.2	0.011	HDPE
MH-3935	MH-3936	546.21	546.04	545.06	544.89	30.7	150	0.59	178.478	1.1378	0.2226	1	1	1	40.4	0.011	HDPE
MH-2468	MH-3937	578.8	578.58	576.72	576.62	30.7	217	0.8	303.773	2.5681	1.1751	1.8	1.86	1.74	47.4	0.01	HDPE
MH-3938	MH-3939	581.85	581.92	580.7	580.67	30.7	150	0.08	1,000.00	0.4807	0.0023	1.1	1	1.1	5.7	0.011	HDPE
MH-3940	MH-3941	582.17	582.54	581.02	580.99	30.7	150	0.18	1,000.00	0.4807	0.0292	1.2	1	1.4	19.4	0.011	HDPE
MH-3942	MH-3943	594.27	593.54	592.7	592.39	30.7	150	0.36	100	1.52	0.0216	1.2	1.42	1	8.8	0.011	HDPE
MH-2639	MH-3944	567.9	568.17	566.54	566.69	30.7	175	0.8	202.201	1.7737	0.6457	1.2	1.19	1.31	43.3	0.01	HDPE
MH-3945	MH-3906	594.09	593.64	592.8	592.49	30.7	150	0.4	100	1.52	0.0287	1.1	1.14	1	10	0.011	HDPE
MH-3789	MH-3803	586.89	586.6	585.74	585.45	30.7	150	0.51	107.888	1.4634	0.0731	1	1	1	18.5	0.011	HDPE
MH-3946	MH-3947	589.46	589.42	588.31	588.27	30.7	150	0.19	783.196	0.5431	0.0305	1	1	1	18.3	0.011	HDPE
MH-3948	MH-2036	589.67	589.97	588.52	588.82	30.7	150	0.41	103.181	1.4964	0.0332	1	1	1	13.3	0.011	HDPE
MH-3742	MH-3690	576.29	576.17	575.14	575.01	30.7	150	0.8	233.821	1.0935	0.8197	1	1	1.01	61.8	0.01	HDPE
MH-2092	MH-3949	560.4	559.85	557.6	557.57	30.7	500	0.8	987.531	11.9927	9.5823	2	2.3	1.78	60.8	0.011	HDPE
MH-3528	MH-1258	573.04	573.4	571.52	571.49	30.7	150	0.21	1,000.00	0.4807	0.0485	1.6	1.37	1.76	22.7	0.011	HDPE
MH-3950	MH-3629	577.58	577.28	576.43	576.13	30.7	150	0.43	101.566	1.5083	0.0396	1	1	1	13.4	0.011	HDPE
MH-3951	MH-3952	579.35	579.17	578.2	578.02	30.7	150	0.41	173.207	1.155	0.0623	1	1	1	17.4	0.011	HDPE
MH-3927	MH-385	588.79	588.59	587.64	587.44	30.7	150	0.39	154.812	1.2217	0.0476	1	1	1	14.8	0.011	HDPE
MH-3953	MH-3954	578.19	578.98	577.04	577.01	30.7	150	0.13	1,000.00	0.4807	0.0103	1.4	1	1.82	12	0.011	HDPE
MH-3955	MH-3956	570.08	569.81	568.93	568.66	30.7	150	0.55	111.712	1.4381	0.1012	1	1	1	21.2	0.011	HDPE
MH-3957	MH-241	572.68	572.14	571.29	570.99	30.7	150	0.66	100	1.52	0.1615	1.1	1.24	1	23.8	0.011	HDPE
MH-3959	MH-2043	544.93	544.84	543.78	543.69	30.7	150	0.17	357.715	0.8037	0.0073	1	1	1	6.3	0.011	HDPE
MH-3749	MH-3559	583.4	582.65	581.8	581.5	30.7	150	0.26	100	1.52	0.0073	1.2	1.45	1	5.2	0.011	HDPE
MH-91	MH-3896	589.11	589.04	587.96	587.73	29.5	150	0.8	126.97	1.349	0.4319	1.1	1	1.16	43.9	0.011	HDPE
MH-2033	MH-3700	585.93	585.36	584.52	584.21	30.8	150	0.77	100	1.52	0.2723	1.1	1.26	1	31	0.011	HDPE
MH-2097	MH-2256	577.99	577.63	576.79	576.48	30.8	150	0.7	100	1.52	0.2019	1	1.05	1	26.6	0.011	HDPE
MH-3628	MH-3584	579.78	579.46	578.36	578.31	30.8	150	0.24	607.272	0.6168	0.0457	1.1	1.27	1	20.2	0.011	HDPE
MH-3881	MH-3877	576.55	576.12	575.28	574.97	30.8	150	0.78	100	1.52	0.2917	1.1	1.12	1	32.1	0.011	HDPE
MH-1527	MH-3961	580	580.21	578.72	578.69	30.8	150	0.2	1,000.00	0.4807	0.0484	1.3	1.13	1.37	21.9	0.011	HDPE
MH-1444	MH-1714	570.14	570.5	568.25	568.22	30.8	150	0.16	1,000.00	0.4807	0.0193	1.9	1.74	2.13	18.4	0.011	HDPE
MH-1837	MH-3795	581.01	580.91	579.86	579.76	30.8	150	0.15	292.903	0.8882	0.0044	1	1	1	6.5	0.011	HDPE
MH-3963	MH-2520	598.54	599.14	597.39	597.7	30.8	150	1.09	100	1.52	1.0319	1.1	1	1.29	63.5	0.011	HDPE
MH-2473	MH-2548	581.76	581.68	579.82	579.79	30.8	150	0.18	1,000.00	0.4807	0.034	1.8	1.78	1.73	19	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1898	MH-2480	589.72	589.76	587.94	587.83	38.8	271	0.8	359.613	4.2691	1.543	1.6	1.51	1.66	42.2	0.01	HDPE
MH-3964	MH-2449	591.1	590.4	589.55	589.25	30.8	150	0.33	100	1.52	0.0157	1.2	1.4	1	7.5	0.011	HDPE
MH-3965	MH-2266	576.31	576.94	575.16	575.06	30.8	150	0.16	325.529	0.8425	0.0053	1.4	1	1.72	9.6	0.011	HDPE
MH-3966	MH-3640	578.85	577.8	573.83	573.8	30.8	150	0.33	1,000.00	0.4807	0.2752	4.4	4.87	3.85	51.9	0.011	HDPE
MH-3967	MH-3968	586.67	586.42	584.06	583.87	21.8	150	0.8	114.129	1.4228	0.3791	2.4	2.47	2.41	37.4	0.011	HDPE
MH-3969	MH-3970	578.03	578.16	576.88	576.85	30.8	150	0.13	1,000.00	0.4807	0.0103	1.1	1	1.16	10	0.011	HDPE
MH-3971	MH-98	576.12	576.07	574.97	574.92	17.4	150	0.16	366.344	0.7942	0.0063	1	1	1	8.7	0.011	HDPE
MH-602	MH-3910	575.23	575.25	573.57	573.54	30.8	150	0.24	1,000.00	0.4807	0.083	1.5	1.51	1.56	29	0.011	HDPE
MH-1459	MH-3972	574.69	574.27	573.43	573.12	30.8	150	0.94	100	1.52	0.5659	1.1	1.12	1	45.5	0.011	HDPE
MH-3973	MH-1767	543.95	544.05	542.8	542.77	30.8	150	0.16	1,000.00	0.4807	0.019	1.1	1	1.13	14	0.011	HDPE
MH-3974	MH-3782	589.03	588.89	587.88	587.74	30.8	150	0.31	216.564	1.0329	0.0305	1	1	1	15.2	0.011	HDPE
MH-3975	MH-1190	581.32	580.84	580	579.69	30.8	150	0.56	100	1.52	0.0921	1.1	1.17	1	17.9	0.011	HDPE
MH-3546	MH-1871	585.57	586.11	583.25	583.23	23.7	150	0.25	1,000.00	0.4807	0.0911	2.4	2.17	2.73	30.8	0.011	HDPE
MH-3976	MH-3762	589.44	589.39	588.29	588.24	30.8	150	0.37	615.095	0.6129	0.2136	1	1	1	46.3	0.011	HDPE
MH-678	MH-1292	588.78	588.92	586.52	586.4	30.8	217	0.8	253.673	2.8103	0.9146	2.2	2.04	2.31	39.5	0.01	HDPE
MH-3977	MH-3978	588.2	588.8	587.05	587.36	30.8	150	0.69	100	1.52	0.188	1.1	1	1.29	37.4	0.011	HDPE
MH-3979	MH-3852	579.41	578.67	577.83	577.52	30.8	150	0.36	100	1.52	0.0219	1.2	1.44	1	8.8	0.011	HDPE
MH-3980	MH-2516	589.26	589.14	588.11	587.99	30.8	150	0.44	259.721	0.9432	0.1273	1	1	1	25.9	0.011	HDPE
MH-3697	MH-3981	574.05	574.18	572.35	572.2	30.8	175	0.8	209.187	1.7438	0.6778	1.7	1.53	1.8	44.8	0.01	HDPE
MH-2128	MH-3982	581.4	581.3	579.89	579.7	30.8	150	0.8	168.053	1.2898	0.4892	1.4	1.36	1.44	46.3	0.01	HDPE
MH-3923	MH-787	589.99	589.77	588.84	588.57	30.8	150	0.8	113.91	1.4242	0.3729	1	1	1.05	40.8	0.011	HDPE
MH-3983	MH-3984	578.32	578.76	577.17	577.14	30.8	150	0.13	1,000.00	0.4807	0.0101	1.2	1	1.47	12.3	0.011	HDPE
MH-1726	MH-254	584.23	584.8	581.49	581.38	30.8	217	0.8	282.276	2.6641	1.0601	2.9	2.52	3.2	43.5	0.01	HDPE
MH-384	MH-2384	587.47	588.02	586.32	586.63	30.8	150	0.39	100	1.52	0.0285	1.1	1	1.24	10	0.011	HDPE
MH-3986	MH-3987	575.57	576	574.42	574.39	30.8	150	0.11	1,000.00	0.4807	0.0068	1.2	1	1.47	10.5	0.011	HDPE
MH-3988	MH-3989	582.64	582.18	581.34	581.03	30.8	150	0.57	100	1.52	0.0986	1.1	1.14	1	21	0.011	HDPE
MH-3990	MH-3991	581.2	581.09	579.91	579.94	30.8	150	0.19	1,000.00	0.4807	0.0405	1.1	1.14	1	24.8	0.011	HDPE
MH-3866	MH-854	573.45	572.7	571.86	571.55	30.8	150	0.7	100	1.52	0.1971	1.2	1.44	1	26.3	0.011	HDPE
MH-990	MH-3871	576.31	576.48	575.16	574.9	30.8	150	0.8	118.625	1.3956	0.3934	1.2	1	1.43	41.3	0.011	HDPE
MH-1748	MH-581	580.65	580.77	579.45	579.42	30.8	150	0.12	1,000.00	0.4807	0.0069	1.1	1.05	1.2	9.3	0.011	HDPE
MH-3992	MH-3604	589.17	589.43	588.02	587.99	30.8	150	0.17	1,000.00	0.4807	0.0235	1.1	1	1.29	18.1	0.011	HDPE
MH-2286	MH-92	584.39	583.88	582.6	582.63	30.8	150	0.22	1,000.00	0.4807	0.058	1.4	1.64	1.1	27.7	0.011	HDPE
MH-3993	MH-2396	586.07	585.54	584.7	584.39	30.8	150	1.02	100	1.52	0.7752	1.1	1.22	1	60.7	0.011	HDPE
MH-3994	MH-3995	568.76	568.74	567.15	567.12	30.8	150	0.31	1,000.00	0.4807	0.2091	1.5	1.46	1.47	46	0.011	HDPE
MH-3996	MH-442	605.31	605.81	604.16	604.47	30.8	150	0.79	100	1.52	0.302	1.1	1	1.19	32.7	0.011	HDPE
MH-3997	MH-3998	587.18	587.29	586.03	586	30.8	150	0.26	1,000.00	0.4807	0.1149	1.1	1	1.14	28.5	0.011	HDPE
MH-231	MH-1466	579.98	579.79	578.8	578.62	30.8	175	1.09	166.516	1.9545	1.8736	1	1	1	75.9	0.01	HDPE
MH-2388	MH-3522	577.25	576.43	573.88	573.84	30.8	150	0.31	1,000.00	0.4807	0.2211	2.8	3.22	2.44	47.7	0.011	HDPE
MH-3999	MH-222	579.66	579.39	578.51	578.24	30.8	150	0.19	111.219	1.4413	0.0027	1	1	1	4.6	0.011	HDPE
MH-3956	MH-4000	569.81	569.53	568.66	568.38	30.8	150	0.58	111.268	1.441	0.1197	1	1	1	22.9	0.011	HDPE
MH-3890	MH-2400	579.99	579.74	578.84	578.59	30.8	150	0.48	121.012	1.3818	0.0696	1	1	1	15.9	0.011	HDPE
MH-3922	MH-3637	593.28	592.52	591.68	591.37	30.8	150	0.54	100	1.52	0.0845	1.2	1.45	1	17.2	0.011	HDPE
MH-4001	MH-2446	576.64	576.09	575.25	574.94	30.8	150	0.38	100	1.52	0.0265	1.1	1.25	1	9.7	0.011	HDPE
MH-4002	MH-3612	589.86	589.82	588.71	588.67	30.8	150	0.22	775.966	0.5457	0.0457	1	1	1	23.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4003	MH-4004	585.23	585.77	584.08	584.33	25.2	150	0.66	100	1.52	0.1585	1.1	1	1.28	25.9	0.011	HDPE
MH-4005	MH-2243	589.32	589.28	588.17	588.13	30.8	150	0.17	793.047	0.5398	0.0178	1	1	1	14.4	0.011	HDPE
MH-4006	MH-2018	587.87	587.9	586.06	585.88	30.8	150	0.8	165.819	1.2984	0.4795	1.8	1.65	1.87	43.4	0.01	HDPE
MH-4007	MH-2151	585.93	586.46	584.78	584.74	30.8	150	0.18	1,000.00	0.4807	0.0286	1.3	1	1.57	19.7	0.011	HDPE
MH-3761	MH-3779	580.53	580.3	578.12	578.09	30.8	150	0.3	1,000.00	0.4807	0.1967	2.2	2.27	2.07	47.4	0.011	HDPE
MH-573	MH-3806	578.3	578.01	577.11	576.82	30.8	150	0.54	104.916	1.484	0.0881	1	1.03	1.04	19.7	0.011	HDPE
MH-4008	MH-2443	585.21	585.76	583.47	583.44	30.8	150	0.25	1,000.00	0.4807	0.0907	1.9	1.59	2.18	30.9	0.011	HDPE
MH-4009	MH-4010	571.07	571.12	569.8	569.74	30.8	271	0.8	464.867	3.7548	2.2367	1.1	1	1.12	55.1	0.01	HDPE
MH-1879	MH-1918	580	579.82	578.83	578.67	30.8	150	0.18	198.614	1.0786	0.0049	1	1.02	1	4.6	0.011	HDPE
MH-331	MH-1526	580.05	580.01	578.9	578.86	30.8	150	0.15	752.803	0.554	0.0134	1	1	1	9.7	0.011	HDPE
MH-3919	MH-4011	581.23	580.61	579.77	579.46	30.8	150	0.48	100	1.52	0.0553	1.2	1.31	1	13.9	0.011	HDPE
MH-4012	MH-1546	589.33	589.27	587.38	587.25	30.8	217	0.8	231.975	2.9388	0.8177	1.8	1.73	1.8	37.4	0.01	HDPE
MH-3774	MH-4013	583.21	583.04	582.06	581.89	30.9	150	0.82	185.843	1.2265	0.6247	1	1	1	52.6	0.01	HDPE
MH-4014	MH-4015	584.5	585.05	582.76	582.73	30.9	150	0.27	1,000.00	0.4807	0.1287	1.9	1.58	2.17	37	0.011	HDPE
MH-4016	MH-3874	578.34	578	576.51	576.4	35.8	217	0.8	316.071	2.5177	1.2478	1.5	1.61	1.38	53.8	0.01	HDPE
MH-4017	MH-4001	577.1	576.64	575.8	575.49	30.9	150	0.27	100	1.52	0.0086	1.1	1.15	1	5.6	0.011	HDPE
MH-1770	MH-2127	581.62	581.49	580.28	580.12	16.8	150	0.8	108.351	1.4603	0.3516	1.2	1.19	1.22	39	0.011	HDPE
MH-4018	MH-4019	545.21	545.1	544.06	543.95	30.9	150	0.29	264.211	0.9351	0.0326	1	1	1	12.8	0.011	HDPE
MH-3755	MH-4020	581.97	581.64	580.79	580.49	30.9	150	0.49	100	1.52	0.0614	1	1.03	1	14.6	0.011	HDPE
MH-4021	MH-3577	567.69	567.74	566.54	566.51	30.9	150	0.17	1,000.00	0.4807	0.0243	1	1	1.08	16.7	0.011	HDPE
MH-4022	MH-4023	589.23	589.29	588.08	588.04	30.9	150	0.21	1,000.00	0.4807	0.0522	1	1	1.1	27	0.011	HDPE
MH-4024	MH-3872	576.16	575.54	574.69	574.39	30.9	150	0.62	100	1.52	0.1347	1.2	1.32	1	21.7	0.011	HDPE
MH-4025	MH-4026	578.18	576.45	575.61	575.3	30.9	150	0.4	100	1.52	0.0297	1.7	2.42	1	10.2	0.011	HDPE
MH-687	MH-2786	583.28	582.95	582.11	581.8	30.9	150	0.38	100	1.52	0.0252	1	1.03	1	9.4	0.011	HDPE
MH-3639	MH-4028	579.52	579.37	577.36	577.12	30.9	150	0.8	127.692	1.3451	0.4351	2	2	2.09	43.6	0.011	HDPE
MH-4027	MH-3756	586.16	585.93	583.14	582.99	21.9	217	0.96	149.07	3.666	0.8943	2.8	2.8	2.72	40.6	0.01	HDPE
MH-4029	MH-3703	589.01	589.28	587.86	587.83	30.9	150	0.16	1,000.00	0.4807	0.0222	1.1	1	1.29	17.7	0.011	HDPE
MH-4030	MH-4031	569.6	569.16	568.32	568.01	30.9	150	0.27	100	1.52	0.008	1.1	1.13	1	5.4	0.011	HDPE
MH-3498	MH-724	589.13	588.96	586.5	586.4	30.9	271	0.8	339.139	4.396	1.4155	2.3	2.36	2.28	38.7	0.01	HDPE
MH-4032	MH-3509	556.12	556.09	554.62	554.59	30.9	500	0.82	1,000.00	11.9177	11.7037	1	1	1	70.9	0.011	HDPE
MH-4033	MH-1750	563.35	563.49	562.2	562.16	30.9	150	0.22	1,000.00	0.4807	0.0587	1.1	1	1.17	19.3	0.011	HDPE
MH-2410	MH-4034	545.71	545.41	544.56	544.26	30.9	150	0.28	101.159	1.5113	0.01	1	1	1	6.5	0.011	HDPE
MH-4035	MH-3727	571.2	569.91	569.07	568.76	30.9	150	0.88	100	1.52	0.446	1.5	1.98	1	40.1	0.011	HDPE
MH-3594	MH-4036	571.26	570.76	569.92	569.61	30.9	150	0.51	100	1.52	0.0683	1.1	1.19	1	15.4	0.011	HDPE
MH-2494	MH-540	596.36	596.54	594.28	594.41	31.7	217	0.8	248.793	2.8377	0.8927	1.9	1.87	1.92	39.6	0.01	HDPE
MH-3772	MH-1684	571.4	571.22	570.25	570.07	30.9	150	0.48	172.437	1.1575	0.1047	1	1	1	26.4	0.011	HDPE
MH-2161	MH-3839	570.91	570.24	569.33	569.03	30.9	217	1.09	100	4.476	0.8461	1.2	1.36	1	33.4	0.01	HDPE
MH-2198	MH-1705	586.48	586.7	584.81	584.78	30.9	150	0.32	1,000.00	0.4807	0.2442	1.6	1.53	1.77	40.4	0.011	HDPE
MH-3614	MH-374	578.9	578.27	577.07	576.96	30.9	150	0.34	286.467	0.8981	0.0604	1.4	1.68	1.16	16.7	0.011	HDPE
MH-4039	MH-1974	584.79	585.34	583.04	583.01	30.9	150	0.22	1,000.00	0.4807	0.0585	1.9	1.6	2.18	25.3	0.011	HDPE
MH-881	MH-2296	580.98	580.29	579.45	579.14	30.9	150	0.41	100	1.52	0.0328	1.2	1.38	1	10.7	0.011	HDPE
MH-3916	MH-4042	589.13	589.27	587.98	587.75	26.8	150	0.8	113.721	1.4254	0.3774	1.2	1	1.37	37.3	0.011	HDPE
MH-2503	MH-4032	556.21	556.12	554.71	554.62	30.9	500	1.27	338.964	20.4699	11.6564	1	1	1	65.6	0.011	HDPE
MH-4043	MH-4014	583.94	584.5	582.79	582.76	30.9	150	0.25	1,000.00	0.4807	0.1019	1.3	1	1.58	33.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-180	MH-4044	575.07	574.92	573.92	573.77	30.9	150	0.42	212.549	1.0426	0.0866	1	1	1	19.9	0.011	HDPE
MH-2309	MH-1872	567.64	567.66	566.47	566.44	30.9	150	0.33	1,000.00	0.4807	0.2599	1	1.02	1.07	51.2	0.011	HDPE
MH-4045	MH-111	575.2	574.83	573.96	573.67	30.9	150	0.41	106.27	1.4745	0.0352	1.1	1.09	1.01	12.4	0.011	HDPE
MH-4046	MH-4047	582	581.35	580.43	580.2	23.2	150	0.33	100	1.52	0.017	1.2	1.42	1	7.8	0.011	HDPE
MH-4048	MH-4049	587.11	587.48	585.96	586.33	54.5	150	0.27	148.587	1.247	0.0128	1	1	1	7.1	0.011	HDPE
MH-4050	MH-3564	589	589.02	587.74	587.71	30.9	150	0.33	1,000.00	0.4807	0.2815	1.1	1.1	1.15	46.4	0.011	HDPE
MH-4051	MH-3903	568.53	568.8	567.26	567.51	30.9	150	0.8	121.535	1.3788	0.4074	1.1	1.12	1.13	39.2	0.011	HDPE
MH-3887	MH-4052	573.76	573.75	572.59	572.56	30.9	150	0.21	1,000.00	0.4807	0.0488	1	1.02	1.05	22.4	0.011	HDPE
MH-4053	MH-4054	581.51	581.04	580.2	579.89	30.9	150	0.67	100	1.52	0.1745	1.1	1.15	1	27.1	0.011	HDPE
MH-4055	MH-3686	573.1	573.26	571.84	572.11	30.9	150	0.5	112.485	1.4332	0.0754	1.1	1.11	1	18.8	0.011	HDPE
MH-4056	MH-4050	588.98	589	587.78	587.74	30.9	150	0.3	1,000.00	0.4807	0.1829	1.1	1.05	1.1	48.7	0.011	HDPE
MH-1397	MH-2394	548.05	548.1	546.9	546.87	31	150	0.12	1,000.00	0.4807	0.0072	1	1	1.08	6.9	0.011	HDPE
MH-3897	MH-3525	588.88	588.63	587.54	587.36	31	150	0.8	175.779	1.2611	0.5196	1.2	1.19	1.12	48.3	0.01	HDPE
MH-2310	MH-458	577.44	576.98	574.79	574.53	31	150	0.8	119.069	1.393	0.3954	2.4	2.5	2.3	41.1	0.011	HDPE
MH-4057	MH-181	578.02	577.29	576.45	576.14	31	150	0.33	100	1.52	0.0162	1.2	1.42	1	7.6	0.011	HDPE
MH-2065	MH-753	573.15	573.45	571.56	571.53	31	150	0.32	1,000.00	0.4807	0.2485	1.6	1.44	1.78	41.7	0.011	HDPE
MH-975	MH-3860	582.52	582.2	581.36	581.05	31	150	0.59	100	1.52	0.1139	1	1.01	1	22.1	0.011	HDPE
MH-4058	MH-4059	594.33	593.89	593.06	592.74	31	150	0.57	100	1.52	0.1002	1.1	1.13	1	18.7	0.011	HDPE
MH-3869	MH-2500	572.63	572.19	571.35	571.04	31	150	0.43	100	1.52	0.0382	1.1	1.13	1	11.6	0.011	HDPE
MH-3982	MH-3914	581.3	581.18	579.7	579.52	31	150	0.8	173.799	1.2683	0.5116	1.5	1.44	1.51	45.2	0.01	HDPE
MH-4060	MH-694	581.59	581.45	580.44	580.3	23.3	150	0.16	168.307	1.1717	0.0027	1	1	1	4.1	0.011	HDPE
MH-1570	MH-2481	584.79	583.68	582.84	582.53	31	150	0.34	100	1.52	0.0172	1.4	1.8	1	7.8	0.011	HDPE
MH-4061	MH-1558	544.63	544.39	543.48	543.24	30.9	150	0.39	130.174	1.3323	0.0371	1	1	1	11.8	0.011	HDPE
MH-3791	MH-3592	576.43	576.04	575.2	574.89	31	150	0.35	100	1.52	0.018	1	1.08	1	8	0.011	HDPE
MH-4062	MH-1160	565.86	565.83	564.71	564.48	31	150	0.27	137.401	1.2967	0.0126	1.1	1	1.2	21.4	0.011	HDPE
MH-3816	MH-4063	579.19	579.71	577.95	577.91	31	150	0.14	1,000.00	0.4807	0.0141	1.4	1.1	1.64	12.6	0.011	HDPE
MH-2120	MH-3856	544.18	544.21	543.02	542.99	31	150	0.18	1,000.00	0.4807	0.0312	1	1.01	1.07	17.3	0.011	HDPE
MH-2522	MH-3821	575.66	575.31	573.04	573.01	31	150	0.27	1,000.00	0.4807	0.1211	2.3	2.48	2.16	34.5	0.011	HDPE
MH-288	MH-740	578.1	577.58	576.74	576.43	31	150	0.53	100	1.52	0.0777	1.1	1.21	1	16.5	0.011	HDPE
MH-3708	MH-2229	584.1	584.56	582.95	583.26	31	150	0.39	100	1.52	0.0283	1.1	1	1.15	10	0.011	HDPE
MH-4064	MH-4065	589.26	589.26	588.11	588.07	31	150	0.16	1,000.00	0.4807	0.0227	1	1	1.04	14.8	0.011	HDPE
MH-609	MH-2285	585.6	585	582.54	582.57	31	150	0.27	1,000.00	0.4807	0.122	2.6	2.91	2.28	46.9	0.011	HDPE
MH-4066	MH-808	587.83	587.61	586.68	586.46	31	150	0.65	143.082	1.2707	0.2428	1	1	1	32.5	0.011	HDPE
MH-3736	MH-514	589.36	589.62	587.92	587.89	31	150	0.19	1,000.00	0.4807	0.0383	1.4	1.29	1.58	20.4	0.011	HDPE
MH-3740	MH-3586	587.84	587.62	586.56	586.31	31	150	0.8	125.905	1.3547	0.4275	1.1	1.13	1.16	43.6	0.011	HDPE
MH-565	MH-4045	575.58	575.2	573.99	573.96	31	150	0.17	1,000.00	0.4807	0.0256	1.3	1.44	1.09	13.7	0.011	HDPE
MH-4067	MH-4068	582.54	582.84	581.39	581.36	31	150	0.14	1,000.00	0.4807	0.0137	1.2	1	1.33	20.3	0.011	HDPE
MH-4069	MH-4070	584.15	583.72	582.88	582.57	31	150	0.43	100	1.52	0.0399	1.1	1.12	1	11.8	0.011	HDPE
MH-2633	MH-4071	582.12	581.78	580.94	580.63	31	150	0.55	100	1.52	0.0859	1	1.03	1	17.3	0.011	HDPE
MH-4072	MH-3892	580	580	576.61	576.63	18.5	150	0.17	1,000.00	0.4807	0.0255	3.2	3.24	3.22	17.6	0.011	HDPE
MH-1497	MH-4073	585.6	585.08	584.24	583.93	31	150	0.47	100	1.52	0.0506	1.1	1.21	1	13.3	0.011	HDPE
MH-2298	MH-4075	575.18	575.69	574.03	574.34	31	150	0.49	100	1.52	0.0605	1.1	1	1.2	14.6	0.011	HDPE
MH-4031	MH-3658	569.16	568.7	567.86	567.55	31	150	0.31	100	1.52	0.0137	1.1	1.14	1	7	0.011	HDPE
MH-3645	MH-2045	593.96	593.22	592.38	592.07	31	150	0.52	100	1.52	0.0721	1.2	1.43	1	15.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4077	MH-4078	589.38	589.52	588.23	588.2	31	150	0.19	1,000.00	0.4807	0.038	1.1	1	1.17	22.4	0.011	HDPE
MH-1545	MH-4079	584.98	584.98	581.12	581.03	31	271	0.8	344.888	4.3592	1.4567	3.6	3.59	3.68	40.1	0.01	HDPE
MH-1358	MH-4080	581.11	580.56	579.72	579.41	31	150	0.62	100	1.52	0.1335	1.1	1.24	1	21.6	0.011	HDPE
MH-4081	MH-3796	588.53	589.01	587.38	587.35	31	150	0.17	1,000.00	0.4807	0.0256	1.3	1	1.52	18.2	0.011	HDPE
MH-2136	MH-3794	575.94	575.22	572.94	572.91	31	150	0.26	1,000.00	0.4807	0.1174	2.5	2.85	2.16	33.9	0.011	HDPE
MH-2381	MH-2314	581.12	580.93	579.97	579.78	31	150	0.37	170.701	1.1634	0.0418	1	1	1	13.9	0.011	HDPE
MH-1646	MH-1088	577.12	576.9	575.97	575.72	31	150	0.64	123.974	1.3652	0.1925	1	1	1.03	30.5	0.011	HDPE
MH-375	MH-1632	577.99	577.28	574.27	574.23	31	150	0.27	1,000.00	0.4807	0.125	3.2	3.57	2.89	35	0.011	HDPE
MH-4078	MH-575	589.52	589.44	588.2	588.17	31.1	150	0.23	1,000.00	0.4807	0.0729	1.1	1.17	1.12	27.8	0.011	HDPE
MH-1999	MH-712	577.73	577.02	576.18	575.87	31.1	150	1.03	100	1.672	0.6087	1.2	1.4	1	46.2	0.01	HDPE
MH-4082	MH-3921	594.67	594.03	593.19	592.88	31.1	150	0.47	100	1.52	0.0514	1.2	1.33	1	13.4	0.011	HDPE
MH-4083	MH-127	583.41	582.97	582.13	581.82	31.1	150	0.45	100	1.52	0.0465	1.1	1.13	1	12.8	0.011	HDPE
MH-2221	MH-1892	586.52	585.95	585.11	584.8	31.1	150	0.54	100	1.52	0.0834	1.1	1.26	1	17.1	0.011	HDPE
MH-52	MH-1321	571.3	570.81	569.47	569.44	31.4	150	0.28	1,000.00	0.4807	0.1492	1.5	1.69	1.22	35.4	0.011	HDPE
MH-3413	MH-3955	570.38	570.08	569.23	568.93	31.1	150	0.52	106.385	1.4737	0.0797	1	1	1	19.1	0.011	HDPE
MH-3362	MH-4085	584.57	584.25	583.34	583.1	24.6	150	0.4	100	1.52	0.0311	1	1.08	1	10.5	0.011	HDPE
MH-4086	MH-125	576.35	575.75	574.92	574.6	31.1	150	0.42	100	1.52	0.0353	1.1	1.28	1	11.1	0.011	HDPE
MH-4087	MH-1221	585.55	586.11	583.8	583.77	31.1	150	0.23	1,000.00	0.4807	0.0679	1.9	1.61	2.19	26.9	0.011	HDPE
MH-4088	MH-4008	584.65	585.21	583.5	583.47	31.1	150	0.23	1,000.00	0.4807	0.0685	1.3	1	1.59	27.2	0.011	HDPE
MH-4089	MH-2353	579.96	579.67	578.81	578.52	31.1	150	0.21	107.667	1.4649	0.0044	1	1	1	7.1	0.011	HDPE
MH-4090	MH-4091	563.77	564	562.13	562.1	31.1	150	0.15	1,000.00	0.4807	0.0171	1.6	1.49	1.75	13.8	0.011	HDPE
MH-4092	MH-4093	595.72	595.88	593.89	593.99	31.1	217	0.8	302.031	2.5755	1.1688	1.6	1.62	1.67	45.6	0.01	HDPE
MH-4094	MH-4095	591.39	590.7	589.86	589.55	31.1	150	0.25	100	1.52	0.007	1.2	1.38	1	5.1	0.011	HDPE
MH-451	MH-161	572.87	572.59	570.63	570.6	31.1	150	0.23	1,000.00	0.4807	0.0697	2	2.1	1.85	26.3	0.011	HDPE
MH-3765	MH-4096	576.73	577.38	575.58	575.89	31.1	150	0.32	100	1.52	0.0155	1.2	1	1.34	7.4	0.011	HDPE
MH-4100	MH-4018	545.35	545.21	544.2	544.06	30.9	150	0.21	223.275	1.0173	0.0094	1	1	1	9.7	0.011	HDPE
MH-4101	MH-4100	545.51	545.35	544.36	544.2	31.1	150	0.21	194.714	1.0893	0.0082	1	1	1	6.4	0.011	HDPE
MH-3891	MH-3558	587.02	586.78	585.87	585.63	31.1	150	0.69	129.315	1.3367	0.2583	1	1	1	33.8	0.011	HDPE
MH-4102	MH-664	574.67	574.41	573.52	573.26	31.2	150	0.51	118.762	1.3948	0.0846	1	1	1	19	0.011	HDPE
MH-3808	MH-1926	583.96	583.4	582.56	582.25	31.2	150	0.96	100	1.52	0.6165	1.1	1.25	1	47.7	0.011	HDPE
MH-1309	MH-4103	589.75	589.49	588.59	588.34	31.2	150	0.53	126.226	1.3529	0.1039	1	1.01	1	27.6	0.011	HDPE
MH-4000	MH-4104	569.53	569.25	568.38	568.1	31.2	150	0.61	110.926	1.4432	0.1379	1	1	1	24.8	0.011	HDPE
MH-4091	MH-1611	564	564	562.1	562.07	31.2	150	0.17	1,000.00	0.4807	0.0234	1.8	1.75	1.78	18.3	0.011	HDPE
MH-3503	MH-3867	602.69	603.39	601.54	601.85	31.2	150	0.98	100	1.52	0.6752	1.2	1	1.39	50.1	0.011	HDPE
MH-4105	MH-1435	545.45	545.13	544.3	543.98	31.2	150	0.22	100	1.52	0.0044	1	1	1	4.4	0.011	HDPE
MH-4106	MH-10	575.07	574.9	573.9	573.75	14.2	150	0.48	100	1.52	0.0557	1	1.03	1	20	0.011	HDPE
MH-786	MH-373	589.64	589.43	588.39	588.28	24.6	150	0.83	223.801	1.1177	0.9124	1.1	1.11	1	65.5	0.01	HDPE
MH-3771	MH-4107	575.84	574.85	573	573.03	31.2	150	0.27	1,000.00	0.4807	0.1253	2.2	2.69	1.66	36.3	0.011	HDPE
MH-3875	MH-3948	589.36	589.67	588.21	588.52	31.2	150	0.49	100	1.52	0.0574	1	1	1	20.3	0.011	HDPE
MH-1559	MH-157	582.93	582.56	581.19	581.16	31.2	150	0.3	1,000.00	0.4807	0.1871	1.4	1.59	1.25	44	0.011	HDPE
MH-3496	MH-4108	589.79	589.83	588.54	588.51	31.2	150	0.34	1,000.00	0.4807	0.3101	1.1	1.1	1.18	47.8	0.011	HDPE
MH-4109	MH-368	577.73	577.23	576.39	576.08	31.2	150	0.24	100	1.52	0.0057	1.1	1.19	1	4.6	0.011	HDPE
MH-4110	MH-3089	570.3	569.77	568.93	568.62	31.2	150	0.38	100	1.52	0.0245	1.1	1.22	1	9.3	0.011	HDPE
MH-4111	MH-2901	581.56	581.16	580.32	580.01	31.2	150	0.29	100	1.52	0.0105	1	1.09	1	6.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-1547	MH-1365	589.23	589.12	587.84	587.87	30.5	150	0.33	1,000.00	0.4807	0.2591	1.2	1.23	1.09	41.7	0.011	HDPE
MH-4112	MH-1884	586.79	585.81	585.02	584.66	36.5	150	0.43	100	1.52	0.0381	1.3	1.62	1	11.6	0.011	HDPE
MH-1338	MH-932	572.86	573.27	571.71	572.02	31.2	150	0.58	100	1.52	0.1029	1.1	1	1.1	18.9	0.011	HDPE
MH-2408	MH-4113	583.27	582.96	582.12	581.81	31.2	150	0.46	101.653	1.5076	0.0503	1	1	1	13.3	0.011	HDPE
MH-4114	MH-1514	581.41	580.89	580.06	579.74	31.8	150	0.42	100	1.52	0.0366	1.1	1.21	1	11.3	0.011	HDPE
MH-2844	MH-1483	582.95	583.49	581.5	581.46	31.3	150	0.14	1,000.00	0.4807	0.0131	1.6	1.31	1.88	20.3	0.011	HDPE
MH-4115	MH-1161	566.22	566.19	565.07	564.86	31.3	150	0.26	151.47	1.2351	0.0117	1.1	1	1.17	20.2	0.011	HDPE
MH-154	MH-1757	582.86	582.25	581.41	581.1	31.3	150	0.85	100	1.52	0.3984	1.2	1.3	1	41.5	0.011	HDPE
MH-3943	MH-1880	593.54	592.8	591.96	591.65	31.3	150	0.43	100	1.52	0.0374	1.2	1.43	1	11.5	0.011	HDPE
MH-3817	MH-1227	557.4	557.33	555.9	555.83	31.3	500	1.11	473.198	17.3249	11.2013	1	1	1	53	0.011	HDPE
MH-4116	MH-1771	588.55	588.17	587.34	587.02	31.3	150	0.44	100	1.52	0.041	1	1.06	1	15.2	0.011	HDPE
MH-4117	MH-4118	547.06	546.82	545.8	545.67	31.3	150	0.52	237.105	0.9871	0.2154	1.1	1.11	1	30.7	0.011	HDPE
MH-3632	MH-3993	586.87	586.07	585.23	584.92	31.3	150	0.98	100	1.52	0.6594	1.2	1.49	1	49.5	0.011	HDPE
MH-4119	MH-4120	594.46	593.95	593.11	592.8	31.3	150	0.48	100	1.52	0.0569	1.1	1.2	1	14.1	0.011	HDPE
MH-4010	MH-4121	571.12	571.22	569.74	569.67	31.3	271	0.8	468.964	3.7384	2.2685	1.2	1.12	1.28	55.7	0.01	HDPE
MH-4122	MH-4123	566.39	565.85	565.01	564.7	31.4	150	1.15	100	1.672	0.9386	1.1	1.22	1	58.6	0.01	HDPE
MH-2205	MH-732	575.64	576.04	574.49	574.81	31.4	150	0.22	100	1.52	0.0046	1	1	1.08	4.1	0.011	HDPE
MH-4124	MH-1958	589.18	589.13	586.81	586.71	31.4	217	0.8	331.133	2.4597	1.3408	2.2	2.16	2.2	52.4	0.01	HDPE
MH-1142	MH-402	572.96	572.66	571.81	571.5	31.4	150	0.49	101.924	1.5056	0.0628	1	1	1.01	16.8	0.011	HDPE
MH-4125	MH-2372	583.69	583.5	582.54	582.35	31.4	150	0.36	170.489	1.1641	0.0377	1	1	1	13.9	0.011	HDPE
MH-4126	MH-2012	545.28	545.18	544.13	544.03	31.4	150	0.22	307.635	0.8666	0.016	1	1	1	9.5	0.011	HDPE
MH-4120	MH-4127	593.95	593.18	592.35	592.03	31.4	150	0.52	100	1.52	0.0694	1.2	1.45	1	15.6	0.011	HDPE
MH-4104	MH-4128	569.25	568.98	568.1	567.83	31.4	150	0.62	116.954	1.4055	0.1631	1	1	1	34.1	0.011	HDPE
MH-4028	MH-2031	579.37	579	577.12	576.89	31.4	150	0.8	133.132	1.3174	0.4598	2	2.09	1.96	42.3	0.011	HDPE
MH-4129	MH-4130	591.47	590.69	589.85	589.54	31.4	150	0.68	100	1.52	0.1829	1.2	1.46	1	25.3	0.011	HDPE
MH-2226	MH-4131	546.18	545.71	544.88	544.56	32.1	150	0.28	100	1.52	0.009	1.1	1.15	1	5.7	0.011	HDPE
MH-3947	MH-1673	589.42	589.38	588.27	588.23	31.4	150	0.22	808.751	0.5345	0.0511	1	1	1	17.5	0.011	HDPE
MH-4132	MH-3650	588.04	588.33	586.89	586.86	31.4	150	0.13	1,000.00	0.4807	0.011	1.2	1	1.32	14	0.011	HDPE
MH-505	MH-4133	575.16	574.77	572.94	572.91	31.4	150	0.24	1,000.00	0.4807	0.0863	1.9	2.07	1.7	25.6	0.011	HDPE
MH-4134	MH-4135	595.18	595.33	593.55	593.61	31.4	400	0.8	511.817	9.1877	3.4625	1.3	1.23	1.32	38.7	0.011	HDPE
MH-4136	MH-4041	544.63	544.84	543.48	543.69	31.5	150	0.35	150.973	1.2371	0.0313	1	1	1	11.4	0.011	HDPE
MH-4137	MH-4055	572.67	573.1	571.52	571.84	31.5	150	0.57	100	1.52	0.0993	1.1	1	1.11	18.6	0.011	HDPE
MH-3814	MH-2330	572.07	572.28	570.68	570.64	31.5	150	0.14	1,000.00	0.4807	0.0149	1.4	1.25	1.48	13.9	0.011	HDPE
MH-4138	MH-3653	580.98	580.61	579.78	579.46	31.5	150	0.32	100	1.52	0.0142	1	1.06	1	7.2	0.011	HDPE
MH-3883	MH-1722	585.41	585.95	583.11	583.08	22.5	150	0.25	1,000.00	0.4807	0.0993	2.4	2.15	2.72	32.1	0.011	HDPE
MH-3905	MH-3915	589.4	589.16	588.25	588.01	31.5	150	0.64	134.58	1.3103	0.216	1	1	1	42.2	0.011	HDPE
MH-4139	MH-4140	563.8	563.72	562.65	562.57	31.5	150	0.26	383.283	0.7764	0.0346	1	1	1	13	0.011	HDPE
MH-4141	MH-4136	544.43	544.63	543.28	543.48	31.5	150	0.36	152.269	1.2318	0.0338	1	1	1	14.1	0.011	HDPE
MH-4143	MH-3502	601.25	601.98	600.1	600.41	31.5	150	1.03	100	1.52	0.8255	1.2	1	1.41	56	0.011	HDPE
MH-699	MH-3642	568.77	568.09	567.26	566.94	31.5	150	0.72	100	1.52	0.2245	1.2	1.37	1	28.1	0.011	HDPE
MH-4145	MH-4056	588.96	588.98	587.81	587.78	31.5	150	0.24	1,000.00	0.4807	0.0841	1	1	1.05	37.7	0.011	HDPE
MH-4146	MH-3081	571.83	571.06	570.22	569.91	31.5	150	0.38	100	1.52	0.027	1.2	1.46	1	9.8	0.011	HDPE
MH-855	MH-3660	572.34	571.73	570.9	570.58	31.5	150	0.71	100	1.52	0.2079	1.1	1.29	1	27	0.011	HDPE
MH-4147	MH-2661	586.73	587.2	585.58	585.55	31.6	150	0.15	1,000.00	0.4807	0.015	1.3	1	1.5	15	0.011	HDPE

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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
MH-4148	MH-1930	582.97	582.64	581.81	581.49	31.6	150	0.27	100	1.52	0.0085	1	1.01	1	5.6	0.011	HDPE
MH-3920	MH-4035	572.66	571.2	570.36	570.05	31.6	150	0.78	100	1.52	0.2947	1.6	2.15	1	32.4	0.011	HDPE
MH-4113	MH-3988	582.96	582.64	581.8	581.49	31.6	150	0.55	100	1.52	0.0867	1	1.01	1	17.4	0.011	HDPE
MH-3587	MH-3959	545.01	544.93	543.86	543.78	31.6	150	0.09	379.927	0.7798	0.0012	1	1	1	4.8	0.011	HDPE
MH-4149	MH-2454	571.5	570.73	569.9	569.58	31.6	150	0.28	100	1.52	0.0091	1.2	1.45	1	6.7	0.011	HDPE
MH-4150	MH-1881	591.86	592.23	590.71	590.98	42.5	150	0.81	155.052	1.2207	0.5942	1	1	1.1	49.6	0.011	HDPE
MH-4151	MH-4152	589.88	589.92	588.23	587.99	31.6	150	0.8	129.122	1.3377	0.4413	1.6	1.5	1.78	45	0.011	HDPE
MH-1768	MH-1557	544.15	544.3	542.75	542.72	31.6	150	0.17	1,000.00	0.4807	0.0241	1.3	1.25	1.43	15.7	0.011	HDPE
MH-2499	MH-3177	587.24	586.98	585.49	585.36	31.6	217	0.8	244.12	2.8648	0.8717	1.5	1.54	1.4	37.8	0.01	HDPE
MH-3873	MH-3865	574.94	574.22	573.39	573.07	31.6	150	0.69	100	1.52	0.1849	1.2	1.41	1	25.4	0.011	HDPE
MH-4153	MH-2217	589.01	588.24	587.4	587.09	31.6	150	0.53	100	1.52	0.0785	1.2	1.46	1	16.5	0.011	HDPE
MH-2822	MH-2335	579.59	579.11	578.28	577.96	31.6	150	0.69	100	1.52	0.1848	1.1	1.16	1	28.1	0.011	HDPE
MH-4154	MH-2225	546.42	546.31	545.27	545.16	31.6	150	0.15	281.648	0.9057	0.0041	1	1	1	4.8	0.011	HDPE
MH-4155	MH-4156	546.77	546.71	544.92	544.66	31.6	150	0.8	124.264	1.3636	0.4208	1.8	1.71	1.9	42.4	0.011	HDPE
MH-3682	MH-119	586.89	586.32	585.49	585.17	31.6	150	0.53	100	1.52	0.0782	1.1	1.25	1	22.7	0.011	HDPE
MH-4157	MH-4158	585.64	586.21	584.49	584.46	31.6	150	0.19	1,000.00	0.4807	0.0394	1.3	1	1.6	21.8	0.011	HDPE
MH-432	MH-2339	574.13	573.63	572.79	572.48	31.6	150	0.45	100	1.52	0.0445	1.1	1.18	1	12.5	0.011	HDPE
MH-4159	MH-3786	557.62	557.56	556.12	556.06	31.6	500	1.03	552.51	16.0333	10.6552	1	1	1	52.6	0.011	HDPE
MH-4160	MH-4161	585.71	585.24	584.41	584.09	31.6	150	0.41	100	1.52	0.0339	1.1	1.15	1	10.9	0.011	HDPE
MH-4068	MH-1484	582.84	583.31	581.36	581.33	31.6	150	0.18	1,000.00	0.4807	0.0292	1.6	1.33	1.83	38.6	0.011	HDPE
MH-908	MH-1794	589.38	589.22	588.23	588.07	28.1	150	0.55	177.868	1.1397	0.1718	1	1	1	28.9	0.011	HDPE
MH-3941	MH-2001	582.54	582.92	580.99	580.96	31.6	150	0.21	1,000.00	0.4807	0.0539	1.6	1.4	1.82	24.3	0.011	HDPE
MH-4162	MH-2522	576.05	575.66	574.83	574.51	31.6	150	0.21	100	1.52	0.0038	1	1.07	1	3.8	0.011	HDPE
MH-3707	MH-4163	578.14	577.83	575.54	575.5	31.7	600	0.92	1,000.00	19.3795	18.4253	1.9	2.01	1.72	68.3	0.011	HDPE
MH-4163	MH-1964	577.83	577.49	575.5	575.47	31.7	600	0.92	1,000.00	19.3795	18.4559	1.6	1.72	1.42	65.1	0.011	HDPE
MH-4166	MH-4167	550.26	550.06	548.98	548.91	31.7	150	0.44	474.343	0.6979	0.2894	1.1	1.14	1	39.8	0.011	HDPE
MH-1893	MH-4168	585.5	585.26	582.48	582.4	31.2	271	0.8	380.134	4.1522	1.6563	2.7	2.75	2.59	41.6	0.01	HDPE
MH-2534	MH-4012	589.39	589.33	587.56	587.42	31.7	175	0.8	228.197	1.6696	0.7676	1.7	1.65	1.73	47.1	0.01	HDPE
MH-4108	MH-4151	589.83	589.88	588.51	588.23	31.7	150	0.8	114.286	1.4218	0.3747	1.3	1.18	1.5	41.5	0.011	HDPE
MH-4169	MH-3878	580	580	578.85	578.82	31.7	150	0.1	1,000.00	0.4807	0.0041	1	1	1.03	7.9	0.011	HDPE
MH-4170	MH-1345	577.24	576.79	575.95	575.64	31.7	150	0.38	100	1.52	0.0257	1.1	1.14	1	9.5	0.011	HDPE
MH-2260	MH-351	555.55	555.63	554.31	554.28	31.7	150	0.11	1,000.00	0.4807	0.0065	1.1	1.09	1.2	6.6	0.011	HDPE
MH-3805	MH-4137	571.95	572.67	570.8	571.12	31.7	150	0.6	100	1.52	0.1194	1.2	1	1.4	20.4	0.011	HDPE
MH-3691	MH-3582	576.08	576.02	574.82	574.7	31.7	217	0.8	257.272	2.7906	0.9394	1.1	1.04	1.1	40.5	0.01	HDPE
MH-3989	MH-3539	582.18	581.96	581.03	580.81	31.7	150	0.53	140.595	1.2819	0.1184	1	1	1	23.6	0.011	HDPE
MH-3037	MH-4	583.81	583.44	582.61	582.29	31.8	150	0.55	100	1.52	0.0874	1	1.05	1	19.8	0.011	HDPE
MH-4173	MH-4039	584.22	584.79	583.07	583.04	31.8	150	0.18	1,000.00	0.4807	0.0335	1.3	1	1.6	20.5	0.011	HDPE
MH-1607	MH-598	568.01	567.51	566.43	566.27	31.8	150	0.8	200.9	1.1796	0.6333	1.3	1.43	1.09	51.9	0.01	HDPE
MH-3783	MH-834	588.65	588.39	587.5	587.24	31.8	150	0.59	124.457	1.3625	0.1473	1	1	1	23.3	0.011	HDPE
MH-4174	MH-2479	589.89	589.83	588.74	588.68	31.8	150	0.24	542.696	0.6525	0.0393	1	1	1	18.6	0.011	HDPE
MH-1599	MH-1942	576.42	575.82	574.98	574.67	31.8	150	0.39	100	1.52	0.0283	1.1	1.28	1	10	0.011	HDPE
MH-4175	MH-708	598.8	598.02	597.19	596.87	31.8	150	0.93	100	1.52	0.5475	1.2	1.46	1	44.7	0.011	HDPE
MH-4070	MH-4176	583.72	583.26	582.43	582.11	31.8	150	0.52	100	1.52	0.074	1.1	1.14	1	16.1	0.011	HDPE
MH-1934	MH-105	581.05	580.25	579.41	579.1	31.8	150	0.64	100	1.52	0.1435	1.2	1.49	1	22.4	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4177	MH-2038	549.75	549.43	547.91	547.88	31.8	150	0.34	1,000.00	0.4807	0.3161	1.5	1.69	1.4	46.7	0.011	HDPE
MH-1286	MH-1448	595.58	595.97	594.43	594.75	31.8	150	1.14	100	1.52	1.2723	1	1	1.07	71.9	0.011	HDPE
MH-1473	MH-957	556	555.94	552.92	552.83	31.3	271	0.8	356.214	4.2894	1.5221	2.8	2.81	2.84	41.4	0.01	HDPE
MH-3245	MH-1626	571.93	571.77	570.78	570.62	31.8	150	0.38	197.1	1.0827	0.0569	1	1	1	15.3	0.011	HDPE
MH-2466	MH-478	589.33	589.23	588.16	588.08	31.8	150	0.3	435.121	0.7287	0.0676	1	1.03	1	21.8	0.011	HDPE
MH-4180	MH-3966	580.05	578.85	577.88	577.7	31.8	150	0.56	172.953	1.1558	0.1815	1.5	2.02	1	26.9	0.011	HDPE
MH-611	MH-501	581.89	580.94	579.85	579.55	31.8	175	1.02	104.66	2.4653	0.6664	1.5	1.87	1.21	44.4	0.01	HDPE
MH-3829	MH-381	581.17	580.52	579.69	579.37	31.8	150	0.65	100	1.52	0.1581	1.2	1.33	1	23.5	0.011	HDPE
MH-2546	MH-3493	584.87	583.85	583.02	582.7	31.8	150	0.89	100	1.52	0.4697	1.4	1.71	1	45.9	0.011	HDPE
MH-4181	MH-3545	584.47	585.04	583.32	583.28	31.9	150	0.21	1,000.00	0.4807	0.0498	1.3	1	1.6	23.7	0.011	HDPE
MH-3685	MH-3790	564.95	564.46	563.6	563.28	31.9	175	1.09	100	2.5221	0.7914	1.1	1.18	1	43	0.01	HDPE
MH-4182	MH-820	565.06	565.03	563.91	563.73	31.9	150	0.25	178.332	1.1382	0.0124	1.1	1	1.15	23.3	0.011	HDPE
MH-1919	MH-1377	579.09	578.22	577.39	577.07	31.9	150	0.33	100	1.52	0.0166	1.3	1.55	1	7.7	0.011	HDPE
MH-1228	MH-3489	557.31	556.87	555.69	555.37	31.9	500	1.99	100	37.6871	11.5343	1.1	1.12	1	49.5	0.011	HDPE
MH-4183	MH-4184	549.49	549.1	548.27	547.95	31.9	150	0.53	100	1.52	0.0765	1	1.08	1	18.1	0.011	HDPE
MH-3622	MH-2237	547.88	547.59	546.44	546.15	32.8	150	0.8	116.686	1.4072	0.3902	1.3	1.29	1.29	40.7	0.011	HDPE
MH-3019	MH-1530	577.73	577.47	576.44	576.32	32.6	150	0.39	279.969	0.9084	0.0907	1.1	1.14	1	26.2	0.011	HDPE
MH-4185	MH-4061	544.72	544.63	543.57	543.48	31.9	150	0.27	357.433	0.804	0.0356	1	1	1	13.2	0.011	HDPE
MH-3494	MH-3773	583.58	583.39	582.43	582.22	31.9	150	0.8	150.818	1.2377	0.5486	1	1	1.02	49.4	0.011	HDPE
MH-4186	MH-26	571.78	571.02	570.07	569.87	31	150	0.26	154.903	1.2213	0.0127	1.3	1.55	1	7.2	0.011	HDPE
MH-4187	MH-1593	589.1	588.92	587.95	587.77	31.9	150	0.31	169.255	1.1684	0.0239	1	1	1	11.3	0.011	HDPE
MH-4188	MH-1347	582.52	583.14	581.37	581.34	31.9	150	0.12	1,000.00	0.4807	0.0084	1.3	1	1.65	17.8	0.011	HDPE
MH-1064	MH-4053	581.97	581.51	580.68	580.36	31.9	150	0.67	100	1.52	0.1681	1.1	1.14	1	24.2	0.011	HDPE
MH-3713	MH-455	570.76	570.78	569.5	569.18	31.9	150	0.8	100.648	1.5151	0.322	1.3	1.11	1.45	36.9	0.011	HDPE
MH-1050	MH-2584	586.54	586.36	583.91	583.94	31.9	600	0.9	1,000.00	19.3795	15.5626	1.9	2.02	1.82	67	0.011	HDPE
MH-4189	MH-2457	586.22	586	584.87	584.84	32	150	0.23	1,000.00	0.4807	0.0674	1.1	1.2	1.01	22.6	0.011	HDPE
MH-4190	MH-4087	584.98	585.55	583.83	583.8	32	150	0.2	1,000.00	0.4807	0.0457	1.3	1	1.61	22.9	0.011	HDPE
MH-4191	MH-3538	589.68	589.38	588.53	588.23	32	150	0.51	108.226	1.4611	0.0731	1	1	1	16.1	0.011	HDPE
MH-4192	MH-2954	589.45	589.15	588.3	588	32	150	0.57	106.68	1.4717	0.1103	1	1	1	25.3	0.011	HDPE
MH-582	MH-1715	580.85	580.76	579.41	579.38	32	150	0.16	1,000.00	0.4807	0.0223	1.3	1.29	1.23	15.4	0.011	HDPE
MH-3944	MH-4193	568.17	568.23	566.69	566.85	32	175	0.8	200.972	1.7791	0.64	1.3	1.31	1.2	43.1	0.01	HDPE
MH-4194	MH-536	566.61	566.57	565.46	565.24	32	150	0.28	143.068	1.2708	0.0141	1.1	1	1.19	19.7	0.011	HDPE
MH-3972	MH-3609	574.27	573.83	573	572.68	32	150	0.95	100	1.52	0.5822	1.1	1.12	1	46.2	0.011	HDPE
MH-4195	MH-2690	565.53	565.56	564.38	564.34	32	150	0.14	1,000.00	0.4807	0.014	1	1	1.06	15.3	0.011	HDPE
MH-4196	MH-1851	590.35	589.96	589.13	588.81	31.7	150	0.47	100	1.52	0.05	1	1.07	1	13.2	0.011	HDPE
MH-4015	MH-2104	585.05	585.63	582.73	582.7	32	150	0.29	1,000.00	0.4807	0.1556	2.5	2.17	2.79	39.6	0.011	HDPE
MH-162	MH-4197	572.51	572.21	570.59	570.56	32	150	0.24	1,000.00	0.4807	0.0833	1.6	1.77	1.51	29.2	0.011	HDPE
MH-4197	MH-1627	572.21	571.96	570.56	570.52	32	150	0.25	1,000.00	0.4807	0.0998	1.4	1.51	1.28	25.4	0.011	HDPE
MH-2044	MH-4198	544.76	545.08	543.7	543.78	32.6	150	0.48	400	0.7775	0.3095	1	0.91	1.15	39.9	0.011	HDPE
MH-4158	MH-1400	586.21	586.78	584.46	584.43	32	150	0.22	1,000.00	0.4807	0.0601	1.9	1.6	2.2	30.4	0.011	HDPE
MH-4063	MH-4180	579.71	580.05	577.91	577.88	32.1	150	0.16	1,000.00	0.4807	0.0191	1.8	1.64	2.02	20.5	0.011	HDPE
MH-2148	MH-3138	565.52	566.17	563.11	563.08	32.1	150	0.23	1,000.00	0.4807	0.0671	2.6	2.26	2.94	28.6	0.011	HDPE
MH-3348	MH-549	562.36	561.76	560.93	560.61	32.1	150	0.47	100	1.52	0.0515	1.1	1.28	1	13.4	0.011	HDPE
MH-4020	MH-4199	581.64	580.81	579.8	579.66	13.5	150	0.53	100	1.52	0.0754	1.3	1.69	1	16.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3571	MH-2444	580.69	580.01	579.17	578.86	31.3	150	0.49	100	1.52	0.0605	1.2	1.37	1	14.6	0.011	HDPE
MH-4201	MH-2968	586.31	586.18	585.16	585.02	32.1	150	0.31	219.48	1.026	0.031	1	1	1.02	19.9	0.011	HDPE
MH-4103	MH-3976	589.49	589.44	588.34	588.29	32.1	150	0.33	654.624	0.5941	0.1569	1	1	1	37.6	0.011	HDPE
MH-4202	MH-2164	589.52	589.5	588.37	588.34	32.1	150	0.19	1,000.00	0.4807	0.0362	1	1	1.01	20.7	0.011	HDPE
MH-2166	MH-1983	589.4	589.44	587.88	587.85	32.1	150	0.19	1,000.00	0.4807	0.0356	1.4	1.38	1.44	20.7	0.011	HDPE
MH-2531	MH-4203	586.97	586.86	585.03	585.09	32.2	400	0.8	484.396	9.4442	3.2141	1.5	1.54	1.37	40	0.011	HDPE
MH-3222	MH-3138	566.63	566.17	565.34	565.02	32.2	150	0.43	100	1.52	0.0384	1.1	1.14	1	11.6	0.011	HDPE
MH-2515	MH-1993	589.91	590.03	588.61	588.58	32.2	150	0.3	1,000.00	0.4807	0.1776	1.2	1.14	1.31	46.3	0.011	HDPE
MH-4204	MH-3337	576.81	576.44	575.61	575.29	32.2	150	0.44	100	1.52	0.0425	1	1.05	1	12.2	0.011	HDPE
MH-3521	MH-3739	588.27	588.05	587.12	586.82	32.2	150	0.8	106.414	1.4735	0.3428	1	1	1.08	39.2	0.011	HDPE
MH-496	MH-583	570.55	570.11	568.83	568.8	33.1	150	0.3	1,000.00	0.4807	0.1773	1.4	1.57	1.16	35.4	0.011	HDPE
MH-3823	MH-1865	567	567	565.54	565.39	32.3	175	0.8	221.636	1.6941	0.7344	1.4	1.29	1.43	45.8	0.01	HDPE
MH-3093	MH-247	579.73	579.39	578.56	578.24	32.5	150	0.6	100	1.52	0.1153	1	1.02	1	20	0.011	HDPE
MH-1320	MH-1820	549.13	549.18	547.77	547.62	31.9	150	0.24	228.246	1.0061	0.0153	1.3	1.21	1.4	23.3	0.011	HDPE
MH-115	MH-3122	576.1	575.44	574.61	574.29	32.3	150	0.67	100	1.52	0.1698	1.2	1.34	1	24.4	0.011	HDPE
MH-2797	MH-1486	568.8	568.16	567.14	566.96	32.3	150	0.8	176.481	1.2586	0.5225	1.3	1.51	1.06	45.8	0.01	HDPE
MH-1316	MH-366	572.81	572.34	571.32	571.13	32.3	150	0.8	173.802	1.2683	0.5115	1.2	1.34	1.06	47	0.01	HDPE
MH-4205	MH-4030	570.05	569.6	568.77	568.45	32.3	150	0.2	100	1.52	0.0031	1.1	1.13	1	3.3	0.011	HDPE
MH-3894	MH-4206	570.4	570.59	569.25	569.44	32.3	150	0.13	172.314	1.158	0.0015	1	1	1	4	0.011	HDPE
MH-3272	MH-3170	579.38	578.56	577.73	577.41	32.3	150	0.51	100	1.52	0.0662	1.2	1.49	1	15.2	0.011	HDPE
MH-3712	MH-4207	567.2	567	566.05	565.85	32.3	150	0.82	165.525	1.1815	0.6837	1	1	1	54.2	0.011	HDPE
MH-3046	MH-4208	574.99	574.64	573.46	573.49	32.3	150	0.16	1,000.00	0.4807	0.0221	1.2	1.38	1	21.2	0.011	HDPE
MH-4209	MH-4210	546.13	545.98	543.21	543.01	32.3	150	0.8	163.697	1.3068	0.4704	2.8	2.77	2.83	45	0.01	HDPE
MH-4211	MH-4025	579.72	578.18	577.35	577.03	32.3	150	0.3	100	1.52	0.0124	1.6	2.21	1	6.7	0.011	HDPE
MH-2523	MH-196	575.07	574.45	573.07	573.1	32.3	150	0.25	1,000.00	0.4807	0.1018	1.5	1.85	1.2	31.6	0.011	HDPE
MH-952	MH-3893	570	570.21	568.85	569.06	32.3	150	0.47	156.937	1.2134	0.0894	1	1	1	19.2	0.011	HDPE
MH-1676	MH-2179	580.75	580.41	579.58	579.26	32.4	150	0.3	100	1.52	0.0126	1	1.02	1	8.9	0.011	HDPE
MH-3537	MH-4212	589.55	589.5	588.4	588.35	32.4	150	0.31	580.425	0.6309	0.1044	1	1	1	33.5	0.011	HDPE
MH-3949	MH-3733	559.85	559.27	557.57	557.54	32.4	500	0.8	993.964	11.9539	9.7256	1.5	1.78	1.23	52.5	0.011	HDPE
MH-2160	MH-4153	589.35	589.01	588.18	587.86	32.4	150	0.46	100	1.52	0.0483	1	1.02	1	13	0.011	HDPE
MH-743	MH-2417	571.01	570.61	569.78	569.46	32.5	150	0.45	100	1.52	0.0438	1	1.08	1	12.4	0.011	HDPE
MH-4213	MH-4057	578.61	578.02	577.19	576.87	32.5	150	0.24	100	1.52	0.0063	1.1	1.27	1	4.8	0.011	HDPE
MH-2176	MH-297	575.6	575.47	574.33	574.2	32.5	271	0.97	247.724	5.1436	1.8933	1	1	1	42.1	0.01	HDPE
MH-4013	MH-525	583.04	582.95	581.89	581.73	32.6	150	0.8	204.853	1.1682	0.6566	1	1	1.06	53.1	0.01	HDPE
MH-4214	MH-4215	570.62	570	569.18	568.85	32.5	150	0.46	100	1.52	0.0493	1.1	1.29	1	13.1	0.011	HDPE
MH-4207	MH-3822	567	567	565.83	565.67	32.5	175	0.8	216.312	1.7149	0.7092	1.1	1	1.15	45.7	0.01	HDPE
MH-667	MH-4216	595.54	595.46	592.56	592.53	32.5	150	0.33	1,000.00	0.4807	0.2717	2.8	2.82	2.78	44.3	0.011	HDPE
MH-1131	MH-3153	585.76	585.81	584.59	584.56	32.5	150	0.22	1,000.00	0.4807	0.0604	1.1	1.02	1.1	26.7	0.011	HDPE
MH-2912	MH-4217	567.08	566.78	565.93	565.63	32.6	150	0.68	108.43	1.4597	0.2028	1	1	1	31.7	0.011	HDPE
MH-4096	MH-4218	577.38	578.05	576.23	576.55	32.6	150	0.25	100	1.52	0.0062	1.2	1	1.35	4.7	0.011	HDPE
MH-4219	MH-1384	581.26	580.64	579.81	579.49	32.6	150	0.28	100	1.52	0.0097	1.1	1.3	1	5.9	0.011	HDPE
MH-794	MH-1514	581.44	580.89	580.06	579.74	31.7	150	0.55	100	1.52	0.0873	1.1	1.23	1	17.4	0.011	HDPE
MH-3428	MH-4220	576	575.7	574.85	574.55	32.6	150	0.39	108.43	1.4597	0.0318	1	1	1	10.7	0.011	HDPE
MH-1005	MH-1633	577.61	576.89	576.06	575.74	32.6	150	0.7	100	1.52	0.1981	1.2	1.4	1	26.3	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2792	MH-1155	565.19	565.23	563.92	563.89	32.6	150	0.22	1,000.00	0.4807	0.0607	1.2	1.12	1.19	46.5	0.011	HDPE
MH-305	MH-3098	580.42	579.66	578.21	578.11	32.6	150	0.53	305.223	0.87	0.3051	1.7	2.06	1.4	38.6	0.011	HDPE
MH-4221	MH-1343	565.46	565.42	564.31	564.08	32.6	150	0.28	144.766	1.2633	0.0137	1.1	1	1.19	22.4	0.011	HDPE
MH-4222	MH-1239	544.61	544.63	543.45	543.48	32.6	150	0.15	1,000.00	0.4807	0.0179	1	1.01	1	13.4	0.011	HDPE
MH-4223	MH-1565	588.45	588.35	587.3	587.2	32.6	150	0.28	326.136	0.8417	0.0392	1	1	1	13.5	0.011	HDPE
MH-3879	MH-4224	580	580	578.79	578.76	32.7	150	0.14	1,000.00	0.4807	0.0145	1.1	1.06	1.09	13.3	0.011	HDPE
MH-2541	MH-4225	589.21	589.17	588.06	588.02	32.7	150	0.2	775.532	0.5458	0.0341	1	1	1	18.6	0.011	HDPE
MH-4226	MH-28	574.28	573.38	572.56	572.23	32.7	150	0.26	100	1.52	0.0077	1.3	1.58	1	5.3	0.011	HDPE
MH-1472	MH-3724	567.02	566.8	565.47	565.43	32.7	150	0.25	1,000.00	0.4807	0.1034	1.3	1.41	1.21	27.6	0.011	HDPE
MH-1912	MH-3052	569.35	569.67	568.15	568.34	32.7	150	0.59	176.955	1.1427	0.2197	1.1	1.04	1.18	31.7	0.011	HDPE
MH-711	MH-1835	570.71	570.75	569.56	569.53	32.7	150	0.24	1,000.00	0.4807	0.0862	1	1	1.07	46.8	0.011	HDPE
MH-3937	MH-4016	578.58	578.34	576.62	576.51	32.7	217	0.8	309.402	2.5447	1.2096	1.7	1.74	1.61	48.5	0.01	HDPE
MH-3970	MH-288	578.16	578.1	576.85	576.74	32.7	150	0.23	321.524	0.8477	0.0181	1.2	1.16	1.21	13.9	0.011	HDPE
MH-4227	MH-819	564.75	564.71	563.6	563.39	32.7	150	0.33	156.989	1.2132	0.0275	1.1	1	1.17	26	0.011	HDPE
MH-3662	MH-2300	582.72	582.34	581.52	581.19	32.7	150	0.48	100	1.52	0.0546	1	1.06	1	13.8	0.011	HDPE
MH-4228	MH-3595	558.22	557.91	556.72	556.41	32.3	500	1.9	102.309	37.2594	10.1936	1	1	1	46.5	0.011	HDPE
MH-4167	MH-4177	550.06	549.75	548.91	548.6	32.7	150	0.77	105.978	1.4765	0.2989	1	1	1	32.8	0.011	HDPE
MH-4229	MH-4230	562.79	563.65	561.57	561.86	38.7	217	1.02	133.432	3.8749	0.9382	1.3	1	1.57	36.4	0.01	HDPE
MH-3146	MH-3099	589.68	589.71	587.7	587.56	32.7	150	0.54	234.862	0.9918	0.2275	1.9	1.83	2	31.4	0.011	HDPE
MH-2122	MH-2267	572.84	572.54	571.69	571.38	32.7	150	0.54	105.714	1.4784	0.0894	1	1	1.01	20.4	0.011	HDPE
MH-3562	MH-1573	589.35	589.31	588.2	588.16	32.7	150	0.23	726.007	0.5641	0.0484	1	1	1	16.8	0.011	HDPE
MH-3800	MH-1362	585.72	586.3	583.21	583.13	32.8	271	0.8	458.977	3.7788	2.1908	2.6	2.25	2.9	56.4	0.01	HDPE
MH-1714	MH-1625	570.5	570.1	568.22	568.19	32.8	150	0.22	1,000.00	0.4807	0.0589	1.9	2.13	1.77	25.4	0.011	HDPE
MH-4232	MH-3950	578.38	577.58	576.76	576.43	32.8	150	0.28	100	1.52	0.0098	1.2	1.47	1	9.4	0.011	HDPE
MH-4233	MH-1253	569.58	569.58	568.43	568.12	32.8	150	0.45	105.646	1.4788	0.0473	1.2	1	1.31	14.1	0.011	HDPE
MH-22	MH-999	578.64	577.64	576.82	576.49	32.8	150	1.23	100	1.672	1.297	1.3	1.66	1	70.4	0.01	HDPE
MH-2518	MH-4234	578.57	576.67	575.85	575.52	32.8	150	0.55	100	1.52	0.0877	1.8	2.58	1	17.5	0.011	HDPE
MH-4235	MH-3040	572.79	572.67	571.64	571.52	32.8	150	0.2	280.174	0.9081	0.0095	1	1	1	10.5	0.011	HDPE
MH-937	MH-2155	585.83	585.56	584.68	584.41	32.8	150	1.03	121.048	1.5197	0.8191	1	1	1	55.7	0.01	HDPE
MH-4236	MH-4114	581.81	581.41	580.59	580.26	32.8	150	0.34	100	1.52	0.0178	1	1.07	1	8	0.011	HDPE
MH-1540	MH-4239	578.54	578.31	577.39	577.16	32.9	150	0.46	145.727	1.2592	0.0764	1	1	1	18.4	0.011	HDPE
MH-4240	MH-4241	544	544.61	542.85	543.18	32.9	150	0.49	100	1.52	0.0596	1.1	1	1.28	19.8	0.011	HDPE
MH-238	MH-381	580.65	580.52	578.56	578.52	32.9	150	0.29	1,000.00	0.4807	0.1539	1.9	1.94	1.85	41.1	0.011	HDPE
MH-4242	MH-2382	550.66	550.63	549.47	549.44	32.9	150	0.19	1,000.00	0.4807	0.0383	1	1.04	1.04	16.5	0.011	HDPE
MH-2700	MH-1931	572.59	572.09	571.27	570.94	32.9	150	1.15	100	1.672	0.9438	1.1	1.17	1	58.7	0.01	HDPE
MH-4243	MH-1151	573.96	573.34	572.52	572.19	32.9	150	0.29	100	1.52	0.011	1.1	1.29	1	6.3	0.011	HDPE
MH-1486	MH-1862	568.16	567.49	566.67	566.34	32.9	150	1.03	100	1.672	0.6227	1.2	1.35	1	46.8	0.01	HDPE
MH-4246	MH-2469	549.32	549.96	547.72	547.69	33	150	0.18	1,000.00	0.4807	0.0283	1.8	1.44	2.12	14.9	0.011	HDPE
MH-4247	MH-199	590.86	590.43	589.61	589.28	33	150	0.52	100	1.52	0.0724	1.1	1.1	1	15.9	0.011	HDPE
MH-2448	MH-4099	589.09	588.68	587.86	587.53	33	150	0.76	100	1.52	0.2618	1	1.08	1	34.9	0.011	HDPE
MH-962	MH-229	575.19	574.49	571.32	571.22	33	217	0.8	334.032	2.4491	1.3584	3.4	3.66	3.05	50.3	0.01	HDPE
MH-4248	MH-4249	552.31	552.12	551.16	550.97	33	150	0.64	178.352	1.1382	0.3054	1	1	1	35.4	0.011	HDPE
MH-4250	MH-4220	576.49	575.7	574.87	574.55	33	150	0.49	100	1.52	0.0599	1.2	1.47	1	14.5	0.011	HDPE
MH-4251	MH-4252	584.1	583.98	582.95	582.68	33	150	0.23	124.191	1.364	0.0067	1.1	1	1.15	6.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2113	MH-4253	581.47	581.93	579.36	579.32	33	150	0.24	1,000.00	0.4807	0.0791	2.2	1.96	2.46	29.5	0.011	HDPE
MH-3063	MH-4254	587.56	587.91	586.39	586.72	33	175	1.4	100	2.5221	2.2488	1	1	1.02	77	0.01	HDPE
MH-4255	MH-4223	588.5	588.45	587.35	587.3	33	150	0.19	658.368	0.5924	0.0238	1	1	1	14.1	0.011	HDPE
MH-2599	MH-4037	564.82	564.85	563.6	563.57	33	150	0.2	1,000.00	0.4807	0.0443	1.1	1.07	1.13	31.2	0.011	HDPE
MH-3208	MH-4256	574.58	574.01	573.19	572.86	33	150	0.3	100	1.52	0.0121	1.1	1.24	1	6.6	0.011	HDPE
MH-386	MH-416	588.51	587.94	586.3	586.21	33	271	0.8	357.437	4.282	1.5297	1.7	1.94	1.45	41.7	0.01	HDPE
MH-3646	MH-3957	573.29	572.68	571.86	571.53	33	150	0.65	100	1.52	0.1549	1.1	1.28	1	23.3	0.011	HDPE
MH-4258	MH-542	575.93	575.52	574.59	574.37	22	150	0.22	100	1.52	0.0045	1.1	1.18	1	4.1	0.011	HDPE
MH-3719	MH-2489	587.73	587.17	586.35	586.02	33.1	150	0.5	100	1.52	0.0631	1.1	1.23	1	14.9	0.011	HDPE
MH-4259	MH-4260	555.09	554.68	552.15	552.09	33.1	400	0.8	547.312	9.7733	2.9266	2.4	2.54	2.19	37.2	0.01	HDPE
MH-4261	MH-4262	577.89	577.36	576.55	576.21	33.2	150	0.76	100	1.52	0.2587	1.1	1.2	1	44.2	0.011	HDPE
MH-1383	MH-841	574.21	573.55	572.73	572.4	33.2	150	0.55	100	1.52	0.0886	1.2	1.33	1	17.6	0.011	HDPE
MH-4265	MH-4266	589.78	589.67	588.33	588.21	33.2	450	1.26	262.55	17.5617	7.6934	1	1	1.01	46	0.011	HDPE
MH-3726	MH-3996	604.66	605.31	603.51	603.84	33.2	150	0.85	100	1.52	0.3896	1.2	1	1.32	37.3	0.011	HDPE
MH-4131	MH-4018	545.71	545.21	544.26	544.06	33.2	150	0.3	168.827	1.1698	0.0221	1.1	1.3	1	11	0.011	HDPE
MH-3711	MH-465	585.98	585.78	584.83	584.63	33.2	150	0.59	161.714	1.1953	0.195	1	1	1	29	0.011	HDPE
MH-4073	MH-2035	585.08	584.42	583.6	583.27	33.2	150	0.5	100	1.52	0.0644	1.2	1.33	1	17	0.011	HDPE
MH-4267	MH-3590	572.48	571.85	571.04	570.7	33.2	150	0.48	100	1.52	0.0551	1.1	1.29	1	13.9	0.011	HDPE
MH-4268	MH-3193	582.62	582.28	581.46	581.13	33.3	150	0.24	100	1.52	0.0063	1	1.01	1	4.8	0.011	HDPE
MH-4269	MH-61	576.63	577.29	575.48	575.44	33.3	150	0.11	1,000.00	0.4807	0.0062	1.3	1.1	1.69	6.4	0.011	HDPE
MH-128	MH-2319	582.83	582.34	581.53	581.19	33.3	150	0.66	100	1.52	0.1611	1.1	1.16	1	23.7	0.011	HDPE
MH-4215	MH-566	570	569.36	568.54	568.21	33.3	150	0.5	100	1.52	0.0648	1.2	1.31	1	15	0.011	HDPE
MH-3288	MH-3286	568.86	568.45	567.63	567.3	33.3	150	0.85	100	1.52	0.4029	1	1.08	1	38.1	0.011	HDPE
MH-2360	MH-1905	588.59	588.46	587.44	587.31	33.4	150	0.29	246.637	0.9679	0.0302	1	1	1	18	0.011	HDPE
MH-2487	MH-2366	578.68	579.58	577.53	577.87	33.4	150	0.41	100	1.52	0.0329	1.3	1	1.57	10.8	0.011	HDPE
MH-4272	MH-3193	582.36	582.28	581.21	581.12	33.4	150	0.17	391.804	0.7679	0.0081	1	1	1.01	8.9	0.011	HDPE
MH-4252	MH-1483	583.98	583.49	582.68	582.34	33.4	150	0.33	100	1.52	0.0158	1.1	1.15	1	7.5	0.011	HDPE
MH-3430	MH-1978	585.32	584.65	583.81	583.48	33.4	175	1.15	100	2.5221	0.9602	1.2	1.33	1	47.7	0.01	HDPE
MH-3354	MH-2857	584.12	583.51	582.7	582.36	33.5	150	0.56	100	1.52	0.092	1.1	1.28	1	17.9	0.011	HDPE
MH-4273	MH-4242	550.66	550.66	549.51	549.47	33.5	150	0.19	1,000.00	0.4807	0.0354	1	1	1.04	18.5	0.011	HDPE
MH-4274	MH-3622	548.19	547.88	546.77	546.48	32.6	150	0.8	113.426	1.4272	0.3762	1.3	1.27	1.25	37.3	0.011	HDPE
MH-4275	MH-3950	577.92	577.58	576.76	576.43	33.5	150	0.32	100	1.52	0.0147	1	1	1	10.1	0.011	HDPE
MH-4276	MH-4277	589.06	588.89	587.91	587.74	33.5	150	0.29	202.553	1.068	0.0248	1	1	1	17.5	0.011	HDPE
MH-4278	MH-4274	548.54	548.19	547.06	546.77	33.5	150	0.8	113.452	1.4271	0.3711	1.3	1.33	1.27	39.7	0.011	HDPE
MH-2513	MH-2226	546.56	546.18	545.36	545.03	32.9	150	0.2	100	1.52	0.0029	1	1.06	1	3.3	0.011	HDPE
MH-4198	MH-3665	545.08	545.42	544.01	544.1	33.6	150	0.48	400	0.7775	0.3049	1	0.91	1.18	39.6	0.011	HDPE
MH-4279	MH-1850	575.11	574.67	573.86	573.52	33.6	150	0.22	100	1.52	0.0044	1	1.1	1	4	0.011	HDPE
MH-2418	MH-1299	570	569.36	568.54	568.21	33.6	150	0.92	100	1.52	0.5292	1.2	1.31	1	43.9	0.011	HDPE
MH-3952	MH-3497	579.17	578.96	578.02	577.7	33.6	150	0.54	105.942	1.4768	0.0889	1.1	1	1.11	20.8	0.011	HDPE
MH-4280	MH-3563	576.84	576.25	575.43	575.1	33.6	150	0.24	100	1.52	0.0052	1.1	1.26	1	8	0.011	HDPE
MH-3850	MH-1832	565.77	565.55	564.62	564.38	33.6	150	0.57	141.733	1.2768	0.1481	1	1	1.02	30.8	0.011	HDPE
MH-4281	MH-4282	571.29	570.67	569.86	569.52	33.6	150	0.3	100	1.52	0.0118	1.1	1.28	1	6.5	0.011	HDPE
MH-2992	MH-1426	565.52	565.34	563.37	563.34	33.6	150	0.34	1,000.00	0.4807	0.3114	1.9	2	1.85	46.2	0.011	HDPE
MH-1961	MH-263	583.93	583.31	580.47	580.44	33.6	600	0.92	1,000.00	19.3795	18.3041	2.6	2.85	2.27	67.7	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4283	MH-4284	572.99	572.52	571.33	571.37	33.7	150	0.08	1,000.00	0.4807	0.002	1.3	1.51	1	7	0.011	HDPE
MH-3517	MH-15	580.01	580.25	578.86	578.83	28.4	150	0.17	1,000.00	0.4807	0.0244	1.1	1	1.27	24.6	0.011	HDPE
MH-210	MH-1266	580.47	580.82	579.32	579.29	33.7	150	0.23	1,000.00	0.4807	0.0775	1.2	1	1.38	35.7	0.011	HDPE
MH-2855	MH-578	591.11	591.05	589.96	589.9	33.7	150	0.3	613.861	0.6135	0.1002	1	1	1	35.1	0.011	HDPE
MH-1699	MH-3136	586.49	586.51	585.3	585.27	33.7	150	0.21	1,000.00	0.4807	0.0555	1.1	1.04	1.09	18.8	0.011	HDPE
MH-186	MH-3103	591.05	591.12	589.6	589.57	33.7	150	0.29	1,000.00	0.4807	0.158	1.3	1.29	1.41	43	0.011	HDPE
MH-4023	MH-4285	589.29	589.37	588.04	588.01	33.8	150	0.26	1,000.00	0.4807	0.1062	1.2	1.1	1.21	26.2	0.011	HDPE
MH-2264	MH-110	576.93	576.27	575.45	575.12	33	150	0.59	100	1.52	0.1144	1.2	1.33	1	20	0.011	HDPE
MH-1360	MH-495	570.2	570.45	568.88	568.85	33.8	150	0.13	1,000.00	0.4807	0.0105	1.3	1.17	1.46	22.2	0.011	HDPE
MH-4184	MH-2317	549.1	548.82	547.95	547.67	46.4	150	0.46	165.086	1.183	0.0854	1	1	1	18.3	0.011	HDPE
MH-4287	MH-2474	546.76	546.38	545.4	545.31	33.8	150	0.46	400	0.7775	0.2584	1.1	1.21	0.91	36.2	0.011	HDPE
MH-705	MH-1961	584.56	583.93	580.5	580.47	33.8	600	0.92	1,000.00	19.3795	18.2296	3.2	3.45	2.85	69.8	0.011	HDPE
MH-3859	MH-4290	589.14	589.1	587.99	587.95	33.9	150	0.21	831.059	0.5273	0.0403	1	1	1	20.4	0.011	HDPE
MH-1986	MH-2939	570.92	570.37	569.56	569.22	33.9	150	0.45	100	1.52	0.0456	1.1	1.21	1	12.6	0.011	HDPE
MH-3372	MH-3218	564.29	564.35	562.88	562.79	33.9	271	0.8	381.156	4.1467	1.6623	1.2	1.14	1.28	42.6	0.01	HDPE
MH-4291	MH-654	586.72	586.25	585.43	585.1	33.9	150	0.27	100	1.52	0.0088	1.1	1.13	1	5.7	0.011	HDPE
MH-2498	MH-4292	589.72	589.64	588.57	588.49	33.9	150	0.4	461.93	0.7072	0.1819	1	1	1	30.7	0.011	HDPE
MH-3591	MH-1443	575.63	575.1	574.29	573.95	33.9	150	0.4	100	1.52	0.031	1.1	1.19	1	14.5	0.011	HDPE
MH-4044	MH-587	574.92	574.75	573.77	573.6	34	150	0.46	189.058	1.1055	0.1034	1	1	1	20.5	0.011	HDPE
MH-2459	MH-4076	544.36	544.66	543.21	543.51	34	150	0.16	114.86	1.4183	0.0015	1	1	1	3.1	0.011	HDPE
MH-535	MH-320	573.33	572.94	572.13	571.79	34	150	0.53	100	1.52	0.0762	1	1.05	1	16.3	0.011	HDPE
MH-4293	MH-1346	582.69	583.35	581.54	581.51	34	150	0.13	1,000.00	0.4807	0.0098	1.3	1	1.69	17.2	0.011	HDPE
MH-4294	MH-622	587.21	587.24	586.06	586.03	34	150	0.27	1,000.00	0.4807	0.1337	1	1	1.06	34	0.011	HDPE
MH-685	MH-4283	573.47	572.99	571.08	571.33	34	150	0.32	135.873	1.304	0.0216	1.9	2.24	1.51	9.1	0.011	HDPE
MH-4295	MH-4296	584.58	584.3	583.43	583.15	34	150	0.24	118.8	1.3946	0.0073	1	1	1	5.3	0.011	HDPE
MH-4297	MH-2791	565.14	565.17	563.99	563.95	34	150	0.14	1,000.00	0.4807	0.0128	1	1	1.07	15.9	0.011	HDPE
MH-4220	MH-4288	575.7	574.77	573.96	573.62	34	150	0.6	100	1.52	0.1147	1.3	1.58	1	20	0.011	HDPE
MH-4260	MH-4298	554.68	554.27	552.09	552.03	34	400	0.8	551.318	9.7377	2.9593	2	2.19	1.84	37.5	0.01	HDPE
MH-4299	MH-321	572.47	571.6	570.79	570.45	34	150	0.3	100	1.52	0.0117	1.3	1.52	1	6.5	0.011	HDPE
MH-403	MH-1543	572.53	572.19	571.38	571.04	34	150	0.56	103.213	1.4962	0.0952	1	1	1	18.3	0.011	HDPE
MH-4300	MH-4301	550.52	550.77	549.37	549.34	34.1	150	0.21	1,000.00	0.4807	0.0557	1.1	1	1.28	20.5	0.011	HDPE
MH-4156	MH-4302	546.71	546.63	544.66	544.39	34.1	150	0.8	125.786	1.3553	0.427	2	1.9	2.09	42.8	0.011	HDPE
MH-1495	MH-3790	565.04	564.46	563.65	563.31	34.1	150	0.55	100	1.52	0.0851	1.1	1.24	1	17.2	0.011	HDPE
MH-4304	MH-1709	581.78	581.06	580.25	579.91	34.1	150	1	100	1.52	0.7173	1.2	1.38	1	51.8	0.011	HDPE
MH-2752	MH-201	570.03	569.35	568.54	568.2	34.2	150	0.43	100	1.52	0.0374	1.2	1.34	1	11.5	0.011	HDPE
MH-4296	MH-1491	584.3	583.67	582.86	582.52	34.2	150	0.34	100	1.52	0.0173	1.1	1.28	1	7.8	0.011	HDPE
MH-3625	MH-944	589.08	589.04	587.93	587.89	34.3	150	0.2	958.072	0.4911	0.0397	1	1	1	15.8	0.011	HDPE
MH-2799	MH-3039	578.19	577.66	576.85	576.51	34.2	150	0.53	100	1.52	0.0786	1.1	1.19	1	16.6	0.011	HDPE
MH-1848	MH-483	585.39	584.87	584.06	583.72	34.2	150	0.56	100	1.52	0.0912	1.1	1.18	1	17.8	0.011	HDPE
MH-4307	MH-2420	568.87	568.55	567.72	567.4	34.2	150	0.32	106.091	1.4757	0.0161	1	1	1	7.7	0.011	HDPE
MH-4308	MH-1818	592.66	592.2	591.39	591.05	34.2	150	0.36	100	1.52	0.0221	1.1	1.12	1	8.8	0.011	HDPE
MH-2336	MH-4309	578.91	578.38	577.57	577.23	34.3	150	0.72	100	1.52	0.2197	1.1	1.19	1	27.8	0.011	HDPE
MH-3734	MH-4228	558.75	558.22	557.06	556.72	34.3	500	1.91	100	37.6871	10.0313	1.1	1.18	1	46.2	0.011	HDPE
MH-1653	MH-3684	566.09	565.48	564.65	564.31	34.3	175	1.09	100	2.5221	0.7808	1.1	1.26	1	42.7	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2635	MH-2403	574.17	573.59	572.78	572.44	34.3	150	0.29	100	1.52	0.0109	1.1	1.24	1	6.3	0.011	HDPE
MH-4282	MH-1223	570.67	570	569.19	568.85	34.3	150	0.38	100	1.52	0.0264	1.2	1.33	1	9.7	0.011	HDPE
MH-4123	MH-1324	565.85	565.27	564.47	564.12	34.3	150	1.17	100	1.672	1.0342	1.1	1.23	1	61.8	0.01	HDPE
MH-4310	MH-4311	593.34	592.89	592.09	591.74	34.3	150	0.37	100	1.52	0.0232	1.1	1.1	1	17.5	0.011	HDPE
MH-4312	MH-2412	545.96	545.87	544.81	544.72	34.3	150	0.17	358.516	0.8028	0.0074	1	1	1	6.4	0.011	HDPE
MH-3895	MH-244	581.62	581.48	580.23	580.19	34.3	150	0.16	1,000.00	0.4807	0.0197	1.2	1.24	1.14	12.8	0.011	HDPE
MH-2480	MH-4292	589.76	589.64	587.83	587.74	35	271	0.8	380.061	4.1526	1.6558	1.6	1.66	1.63	45.7	0.01	HDPE
MH-4313	MH-1403	547.12	547.34	545.97	545.94	34.4	150	0.14	1,000.00	0.4807	0.0123	1.1	1	1.25	14.1	0.011	HDPE
MH-4314	MH-4315	580.47	580.8	579.32	579.65	40.2	150	0.65	121.557	1.3787	0.1925	1	1	1	26.6	0.011	HDPE
MH-3602	MH-4316	580.65	580.41	579.5	579.26	34.5	150	0.37	144.176	1.2659	0.0353	1	1	1	16.9	0.011	HDPE
MH-3995	MH-4051	568.74	568.53	567.12	567.09	34.5	150	0.31	1,000.00	0.4807	0.2193	1.4	1.47	1.29	39.8	0.011	HDPE
MH-4317	MH-4090	563.32	563.77	562.17	562.13	34.5	150	0.13	1,000.00	0.4807	0.0103	1.2	1	1.49	11.4	0.011	HDPE
MH-2754	MH-1484	583.59	583.31	582.42	582.16	34.5	150	0.29	131.582	1.3251	0.0152	1	1.02	1	7.6	0.011	HDPE
MH-4071	MH-2128	581.78	581.4	580.59	580.25	34.5	150	0.57	100	1.52	0.098	1	1.04	1	18.5	0.011	HDPE
MH-3513	MH-2297	576.52	575.76	574.95	574.61	34.5	150	0.54	100	1.52	0.0817	1.2	1.42	1	16.9	0.011	HDPE
MH-3075	MH-4318	573.74	573.18	572.37	572.03	34.5	150	0.33	100	1.52	0.016	1.1	1.22	1	7.6	0.011	HDPE
MH-3954	MH-2543	578.98	579.31	577.01	576.98	34.5	150	0.16	1,000.00	0.4807	0.0207	2	1.82	2.19	11.5	0.011	HDPE
MH-4320	MH-4321	561.57	562.21	559.72	559.68	34.5	150	0.23	1,000.00	0.4807	0.0702	2	1.7	2.38	28.6	0.011	HDPE
MH-2816	MH-4250	576.85	576.49	575.69	575.34	34.5	150	0.42	100	1.52	0.0354	1	1.01	1	11.2	0.011	HDPE
MH-4322	MH-1962	545.25	545.04	543.55	543.58	34.6	150	0.12	1,000.00	0.4807	0.0077	1.4	1.55	1.31	10.3	0.011	HDPE
MH-4323	MH-4324	546.95	546.58	545.6	545.52	34.6	150	0.45	400	0.7775	0.2449	1.1	1.2	0.91	42.4	0.011	HDPE
MH-2403	MH-4256	573.59	574.01	572.44	572.78	34.6	150	0.35	100	1.52	0.0187	1	1	1.07	8.1	0.011	HDPE
MH-3698	MH-4325	583.85	583.74	582.56	582.59	34.6	150	0.15	1,000.00	0.4807	0.0184	1.1	1.15	1	20.7	0.011	HDPE
MH-4326	MH-4185	544.9	544.72	543.75	543.57	34.6	150	0.33	186.167	1.114	0.0336	1	1	1	13	0.011	HDPE
MH-2193	MH-1476	586.03	585.38	584.57	584.23	34.7	150	0.73	100	1.52	0.2268	1.2	1.31	1	28.2	0.011	HDPE
MH-3880	MH-1202	579.91	579.67	578.19	577.93	34.7	150	0.8	132.816	1.3189	0.4583	1.6	1.57	1.59	42.2	0.011	HDPE
MH-3837	MH-4329	543.54	543.46	542.39	542.2	34.7	150	0.14	182.049	1.1266	0.0019	1.1	1	1.11	20.1	0.011	HDPE
MH-4330	MH-232	582.71	582.1	580.75	580.55	34.8	150	0.8	176.449	1.2587	0.5223	1.6	1.81	1.4	48.1	0.01	HDPE
MH-1661	MH-1177	582.85	583.15	581.12	581.08	34.8	150	0.17	1,000.00	0.4807	0.0257	1.7	1.58	1.92	22.7	0.011	HDPE
MH-4331	MH-1825	570.4	570.85	569.25	569.21	34.8	150	0.15	1,000.00	0.4807	0.0172	1.2	1	1.49	13.9	0.011	HDPE
MH-4332	MH-324	555.6	555.71	554.45	554.41	34.8	150	0.09	1,000.00	0.4807	0.0031	1.1	1	1.14	4.5	0.011	HDPE
MH-4333	MH-315	586.85	586.26	585.45	585.11	34.9	150	0.48	100	1.52	0.0541	1.1	1.24	1	13.7	0.011	HDPE
MH-4334	MH-2962	583.95	583.53	582.73	582.38	34.9	150	0.28	100	1.52	0.0098	1	1.07	1	6	0.011	HDPE
MH-2272	MH-4335	575.63	574.94	574.08	573.73	34.9	217	1.4	100	4.476	2.053	1.2	1.33	1	53.3	0.01	HDPE
MH-3819	MH-3966	578.78	578.85	577.26	577.22	34.9	150	0.16	1,000.00	0.4807	0.0224	1.4	1.37	1.48	12	0.011	HDPE
MH-439	MH-4021	567.74	567.69	566.59	566.54	34.9	150	0.17	666.605	0.5887	0.0155	1	1	1	13.1	0.011	HDPE
MH-1629	MH-2978	568.63	568.22	567.43	567.07	35	150	0.6	100	1.52	0.1156	1	1.06	1	20.1	0.011	HDPE
MH-4336	MH-1487	584.73	583.72	582.92	582.57	35	150	0.86	100	1.52	0.4134	1.3	1.65	1	38.6	0.011	HDPE
MH-2727	MH-192	570.08	569.4	568.6	568.25	35	150	0.6	100	1.52	0.1187	1.2	1.34	1	20.3	0.011	HDPE
MH-4337	MH-852	592.65	592.2	589.89	589.93	35	150	0.22	1,000.00	0.4807	0.0635	2.4	2.61	2.12	27.8	0.011	HDPE
MH-2962	MH-4338	583.53	582.74	581.71	581.59	35	150	0.31	288.599	0.8948	0.0441	1.3	1.67	1	14.1	0.011	HDPE
MH-2904	MH-4339	578.09	577.22	576.42	576.07	35	150	0.39	100	1.52	0.0287	1.3	1.52	1	10.1	0.011	HDPE
MH-4340	MH-4341	585.12	584.58	583.78	583.43	35	150	0.25	100	1.52	0.0071	1.1	1.19	1	5.1	0.011	HDPE
MH-4342	MH-4343	585.6	584.79	583.99	583.64	35	150	0.27	100	1.52	0.0083	1.2	1.46	1	5.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4344	MH-2286	584.52	584.39	583.37	583.24	35	150	0.26	270.128	0.9248	0.0226	1	1	1	10.1	0.011	HDPE
MH-3695	MH-2297	576.3	575.76	574.96	574.61	35	150	0.36	100	1.52	0.0203	1.1	1.19	1	8.4	0.011	HDPE
MH-4341	MH-1740	584.58	583.85	583.06	582.7	35	150	0.34	100	1.52	0.0176	1.2	1.37	1	8	0.011	HDPE
MH-1149	MH-1316	573.2	572.81	571.53	571.32	35	150	0.8	165.096	1.3013	0.4764	1.4	1.52	1.34	46	0.01	HDPE
MH-3083	MH-596	582.03	581.51	580.71	580.36	35	150	0.84	100	1.52	0.3759	1.1	1.17	1	36.7	0.011	HDPE
MH-3709	MH-3868	573.66	572.98	572.18	571.83	35.1	150	0.36	100	1.52	0.0218	1.2	1.33	1	8.8	0.011	HDPE
MH-3195	MH-1516	586.31	585.98	584.91	584.58	35.1	400	1.45	106.193	20.1706	3.7857	1	1	1	37.8	0.011	HDPE
MH-4345	MH-529	586.05	585.79	584.09	584.25	35.1	175	0.8	213.356	1.7267	0.6958	1.6	1.79	1.36	44.2	0.01	HDPE
MH-3634	MH-2136	575.24	575.94	572.98	572.94	35.1	150	0.23	1,000.00	0.4807	0.0749	2.5	2.12	2.85	29.9	0.011	HDPE
MH-565	MH-4346	575.58	575.17	573.99	574.02	35.1	150	0.11	1,000.00	0.4807	0.0065	1.2	1.44	1	11.8	0.011	HDPE
MH-4343	MH-1739	584.79	583.98	583.18	582.83	35.1	150	0.4	100	1.52	0.0293	1.2	1.46	1	10.1	0.011	HDPE
MH-4348	MH-586	574.51	574.68	573.36	573.01	35.1	150	0.8	102.29	1.5029	0.3292	1.3	1	1.51	37.5	0.011	HDPE
MH-1481	MH-1205	579.21	578.83	577.4	577.37	35.1	150	0.25	1,000.00	0.4807	0.1012	1.5	1.66	1.31	26	0.011	HDPE
MH-4349	MH-4307	569.35	568.87	568.07	567.72	35.1	150	0.26	100	1.52	0.0074	1.1	1.13	1	6.7	0.011	HDPE
MH-2861	MH-607	591.28	591.56	589.82	589.79	35.2	150	0.24	1,000.00	0.4807	0.0787	1.5	1.31	1.62	33	0.011	HDPE
MH-4350	MH-3895	581.73	581.62	580.26	580.23	35.2	150	0.12	1,000.00	0.4807	0.0088	1.3	1.32	1.24	11.5	0.011	HDPE
MH-3934	MH-1780	589.01	589.1	587.86	587.82	35.2	150	0.19	1,000.00	0.4807	0.0353	1.1	1	1.13	20.5	0.011	HDPE
MH-2663	MH-4351	589.81	589.75	588.37	588.34	35.2	150	0.3	1,000.00	0.4807	0.1846	1.3	1.29	1.27	45.2	0.011	HDPE
MH-4352	MH-1673	589.34	589.38	587.93	587.9	35.2	150	0.19	1,000.00	0.4807	0.0391	1.3	1.26	1.34	15.8	0.011	HDPE
MH-2482	MH-4353	582.63	581.38	580.58	580.23	35.2	150	0.45	100	1.52	0.0433	1.4	1.9	1	14.5	0.011	HDPE
MH-3825	MH-2271	577.01	576.19	575.33	574.97	35.2	217	1.32	100	4.476	1.6707	1.2	1.47	1	47.7	0.01	HDPE
MH-1179	MH-3723	574.47	574.21	572.73	572.47	35.3	150	0.8	134.545	1.3104	0.4667	1.6	1.59	1.59	45.4	0.011	HDPE
MH-2952	MH-290	582.73	583.49	580.91	580.88	35.3	150	0.23	1,000.00	0.4807	0.0775	2.1	1.66	2.47	22.3	0.011	HDPE
MH-2172	MH-4106	575.26	575.07	574.11	573.9	35.3	150	0.36	165.374	1.182	0.0396	1	1	1.03	13.8	0.011	HDPE
MH-2173	MH-891	575.67	575.47	574.52	574.32	35.3	150	0.39	175.382	1.1478	0.0555	1	1	1	16.8	0.011	HDPE
MH-4354	MH-3854	573.73	573.23	572.43	572.08	35.4	150	0.24	100	1.52	0.0059	1.1	1.15	1	4.6	0.011	HDPE
MH-4355	MH-1348	549.21	549.43	548.06	548.03	35.4	150	0.19	1,000.00	0.4807	0.0372	1.1	1	1.25	19.6	0.011	HDPE
MH-1726	MH-2231	584.23	584.07	581.56	581.85	35.4	150	0.8	121.752	1.3776	0.4085	2.3	2.52	2.07	39.2	0.011	HDPE
MH-1928	MH-4287	547.23	546.76	545.96	545.61	35.4	150	0.25	100	1.52	0.0065	1.1	1.11	1	4.8	0.011	HDPE
MH-2440	MH-4356	593.43	592.98	591.79	591.83	35.4	150	0.22	1,000.00	0.4807	0.0652	1.2	1.49	1	32	0.011	HDPE
MH-513	MH-4357	597.15	597.48	595.86	595.83	35.5	150	0.33	1,000.00	0.4807	0.2669	1.3	1.14	1.5	45.3	0.011	HDPE
MH-4358	MH-3052	569.52	569.67	568.37	568.34	35.5	150	0.16	1,000.00	0.4807	0.023	1.1	1	1.18	22.5	0.011	HDPE
MH-4309	MH-4261	578.38	577.89	577.1	576.74	35.5	150	0.74	100	1.52	0.2381	1.1	1.13	1	29	0.011	HDPE
MH-1192	MH-3994	569.19	568.76	567.97	567.61	35.6	150	0.59	100	1.52	0.1142	1	1.07	1	20	0.011	HDPE
MH-4339	MH-4359	577.22	576.33	575.53	575.18	35.6	150	0.48	100	1.52	0.0572	1.3	1.54	1	14.1	0.011	HDPE
MH-4360	MH-1636	575.63	575.22	574.43	574.07	35.6	150	0.33	100	1.52	0.0168	1	1.05	1	7.7	0.011	HDPE
MH-4362	MH-1642	589.05	588.83	587.9	587.68	35.6	150	0.26	156.98	1.2132	0.013	1	1	1	10.6	0.011	HDPE
MH-3746	MH-4363	574.29	573.89	572.7	572.74	35.6	150	0.2	1,000.00	0.4807	0.046	1.2	1.44	1	22.4	0.011	HDPE
MH-6	MH-4364	579.03	579.48	577.88	578.24	35.6	150	0.36	100	1.52	0.0221	1	1	1.09	8.8	0.011	HDPE
MH-4365	MH-1863	591.78	591.21	590.41	590.06	35.7	150	0.3	100	1.52	0.0116	1.1	1.21	1	6.4	0.011	HDPE
MH-2996	MH-3441	575.99	575.06	574.27	573.91	35.7	150	0.95	100	1.52	0.5936	1.3	1.57	1	46.7	0.011	HDPE
MH-804	MH-43	576.05	575.29	574.5	574.14	35.7	150	0.39	100	1.52	0.0283	1.2	1.4	1	10	0.011	HDPE
MH-2592	MH-4366	575.14	574.52	573.53	573.25	35.7	150	0.8	126.692	1.3504	0.4308	1.3	1.45	1.12	40.6	0.011	HDPE
MH-4368	MH-4238	544.13	544.46	543.06	543.15	35.8	150	0.49	400	0.7775	0.3263	1	0.91	1.16	41.1	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4369	MH-4105	545.8	545.45	544.65	544.3	35.8	150	0.19	100.537	1.516	0.0026	1	1	1	3.6	0.011	HDPE
MH-3374	MH-3373	569.86	570.09	568.71	568.68	35.8	150	0.12	1,000.00	0.4807	0.0079	1.1	1	1.26	11.3	0.011	HDPE
MH-4370	MH-3785	569.61	569.57	568.46	568.42	35.8	150	0.23	1,000.00	0.4807	0.0729	1	1	1	23.5	0.011	HDPE
MH-2933	MH-1792	584.56	583.79	583	582.64	35.9	150	0.64	100	1.52	0.1504	1.2	1.41	1	22.9	0.011	HDPE
MH-4095	MH-4371	590.7	590	589.21	588.85	35.9	150	0.32	100	1.52	0.0153	1.2	1.34	1	7.4	0.011	HDPE
MH-4372	MH-369	577.43	577.05	576.26	575.9	35.9	150	0.24	100	1.52	0.0056	1	1.03	1	4.5	0.011	HDPE
MH-3981	MH-2369	574.18	574.28	572.2	571.87	35.9	175	1.03	108.325	2.4233	0.7061	2	1.8	2.24	40.9	0.01	HDPE
MH-4373	MH-1914	544.36	544.14	542.36	542.4	35	150	0.32	1,000.00	0.4807	0.2384	1.7	1.84	1.59	49.5	0.011	HDPE
MH-3663	MH-1893	584.84	585.5	582.66	582.6	36	150	0.25	671.931	0.5864	0.0553	2.4	2.03	2.75	17.7	0.011	HDPE
MH-4374	MH-4320	560.9	561.57	559.75	559.72	36	150	0.19	1,000.00	0.4807	0.0405	1.3	1	1.7	22.5	0.011	HDPE
MH-3811	MH-3854	573.42	573.23	571.96	571.92	36	150	0.14	1,000.00	0.4807	0.0145	1.2	1.31	1.15	11.3	0.011	HDPE
MH-2691	MH-1277	565.58	565.6	564.31	564.28	36	150	0.23	914.663	0.5026	0.0642	1.1	1.12	1.17	42.2	0.011	HDPE
MH-2431	MH-2197	589.17	589.21	587.96	587.92	36.1	150	0.17	1,000.00	0.4807	0.0261	1.1	1.06	1.14	17.7	0.011	HDPE
MH-1349	MH-4375	549.2	549	547.81	547.85	36.1	150	0.14	1,000.00	0.4807	0.0122	1.1	1.24	1	17.9	0.011	HDPE
MH-493	MH-4267	573.18	572.48	571.65	571.33	36.1	150	0.44	111.609	1.4388	0.0451	1.2	1.38	1	12.7	0.011	HDPE
MH-4376	MH-4377	552.3	551.85	551.06	550.7	36.1	150	1.02	100	1.672	0.5837	1	1.08	1	45.2	0.01	HDPE
MH-4378	MH-4379	550.51	550	549.21	548.85	36.1	150	0.5	100	1.52	0.0629	1.1	1.15	1	14.8	0.011	HDPE
MH-4380	MH-4326	545.48	544.9	544.11	543.75	36.1	150	0.4	100	1.52	0.03	1.1	1.22	1	11.4	0.011	HDPE
MH-4381	MH-4330	582.62	582.71	580.78	580.75	36.1	150	0.29	1,000.00	0.4807	0.1696	1.7	1.69	1.81	44.3	0.011	HDPE
MH-4382	MH-3470	571.83	572.31	568.88	568.98	36.1	271	0.8	354.907	4.2973	1.5144	2.9	2.69	3.06	41.4	0.01	HDPE
MH-4383	MH-2978	568.63	568.22	567.44	567.07	36.1	150	0.28	100	1.52	0.0096	1	1.04	1	5.9	0.011	HDPE
MH-4316	MH-1115	580.41	580.55	579.26	579.22	36.1	150	0.21	1,000.00	0.4807	0.0514	1.1	1	1.18	18.1	0.011	HDPE
MH-4384	MH-4385	565.78	565.11	564.31	563.94	37.6	175	1.19	100	2.5221	1.0803	1.1	1.29	1	50.8	0.01	HDPE
MH-4386	MH-4248	552.61	552.31	551.46	551.16	36.2	150	0.73	118.522	1.3962	0.2875	1	1	1	35.2	0.011	HDPE
MH-4387	MH-3321	589.45	589.4	587.55	587.43	35.6	217	0.8	289.003	2.6329	1.095	1.7	1.68	1.75	48.2	0.01	HDPE
MH-1821	MH-4278	548.94	548.54	547.4	547.06	36.3	150	0.8	108.518	1.4591	0.3522	1.4	1.39	1.33	39.1	0.011	HDPE
MH-2171	MH-4388	544.79	544.6	542.28	542.32	36.3	150	0.33	1,000.00	0.4807	0.2665	2.2	2.35	2.13	52	0.011	HDPE
MH-1610	MH-1055	571.59	571.18	570.33	570.01	36.3	150	0.51	113.643	1.4259	0.0808	1.1	1.11	1.02	18.8	0.011	HDPE
MH-2290	MH-4360	576.08	575.63	574.85	574.48	36.3	150	0.27	100	1.52	0.008	1	1.08	1	5.4	0.011	HDPE
MH-4389	MH-970	555.34	555.44	554.19	553.87	36.3	150	0.8	112.157	1.4353	0.3659	1.2	1	1.42	36.6	0.011	HDPE
MH-1808	MH-4391	571.62	571.29	570.47	570.14	36.3	150	0.34	110.336	1.4471	0.0198	1	1	1	8.4	0.011	HDPE
MH-2258	MH-2340	567.25	566.92	566.1	565.75	36.3	150	0.5	102.891	1.4985	0.0634	1	1	1.02	16.3	0.011	HDPE
MH-4392	MH-264	578.14	577.58	576.79	576.43	36.3	150	0.52	100	1.52	0.0729	1.1	1.2	1	16	0.011	HDPE
MH-4224	MH-1527	580	580	578.76	578.72	36.4	150	0.16	1,000.00	0.4807	0.0232	1.1	1.09	1.13	18	0.011	HDPE
MH-1437	MH-1494	583.12	583	581.1	580.86	36.4	600	1.78	146.832	50.5747	13.5819	1.5	1.42	1.55	42.7	0.011	HDPE
MH-2579	MH-1140	586.5	586.43	584.99	584.96	36.4	150	0.23	1,000.00	0.4807	0.0695	1.3	1.36	1.32	22.9	0.011	HDPE
MH-4393	MH-3446	579.3	578.53	577.74	577.38	36.4	150	0.29	100	1.52	0.0103	1.2	1.4	1	6.1	0.011	HDPE
MH-2834	MH-2800	575.49	574.88	574.1	573.73	36.4	150	0.7	100	1.52	0.1939	1.1	1.25	1	26	0.011	HDPE
MH-4394	MH-3990	581.6	581.2	580.41	580.05	36.4	150	0.4	100	1.52	0.0287	1	1.04	1	10	0.011	HDPE
MH-3939	MH-4046	581.92	582	580.67	580.43	36.5	150	0.25	154.079	1.2246	0.0104	1.3	1.1	1.42	7.3	0.011	HDPE
MH-2190	MH-4395	547.56	547.8	546.41	546.37	36.5	150	0.21	1,000.00	0.4807	0.0499	1.1	1	1.28	17.9	0.011	HDPE
MH-369	MH-869	577.05	576.47	575.69	575.32	36.3	150	0.36	100	1.52	0.0204	1.1	1.21	1	8.5	0.011	HDPE
MH-4396	MH-1788	575.25	575.04	574.1	573.89	36.5	150	0.34	180.664	1.1309	0.0363	1	1	1	12.1	0.011	HDPE
MH-3210	MH-1705	586.81	586.7	585.55	585.52	36.6	150	0.19	1,000.00	0.4807	0.0367	1.1	1.11	1.03	15.3	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3900	MH-4399	570.65	570.75	569.47	569.44	36.6	150	0.16	1,000.00	0.4807	0.0215	1.1	1.03	1.16	11.7	0.011	HDPE
MH-2960	MH-2767	586.87	586.57	585.7	585.39	36.6	175	1.02	120.406	2.2985	0.7971	1	1	1	44.2	0.01	HDPE
MH-4400	MH-4401	592.09	591.71	589.95	589.87	36.7	400	0.8	491.314	9.3775	3.2774	1.6	1.74	1.44	40.5	0.011	HDPE
MH-3331	MH-396	577.49	577.26	575.67	575.48	36.3	175	0.8	194.35	1.8092	0.6108	1.6	1.65	1.61	40.8	0.01	HDPE
MH-3987	MH-3765	576	576.73	574.39	574.35	36.7	150	0.15	1,000.00	0.4807	0.0175	1.8	1.47	2.23	16.1	0.011	HDPE
MH-1799	MH-3280	582.39	582.01	581.19	580.86	36.7	150	0.99	111.115	1.442	0.7985	1	1.05	1	55.8	0.011	HDPE
MH-4403	MH-615	579.57	579.24	578.15	578.07	41	150	0.29	526.016	0.6628	0.0744	1.1	1.27	1.02	20.6	0.011	HDPE
MH-4404	MH-3106	590.86	590.45	589.67	589.3	36.7	150	0.39	100	1.52	0.0286	1	1.05	1	17.1	0.011	HDPE
MH-3280	MH-2627	582.01	581.52	580.73	580.37	36.7	150	1.06	100	1.52	0.9325	1.1	1.13	1	59.9	0.011	HDPE
MH-1166	MH-1468	566.86	566.19	564.57	564.47	36.7	800	1.61	400	67.512	39.1903	1.2	1.49	0.91	52.7	0.011	HDPE
MH-2246	MH-4407	545.82	545.47	543.47	543.51	36.8	150	0.16	1,000.00	0.4807	0.0215	2	2.19	1.81	18.3	0.011	HDPE
MH-548	MH-674	555.6	555.71	554.35	554.14	36.5	150	0.8	177.503	1.255	0.5268	1.3	1.1	1.41	46.1	0.01	HDPE
MH-1946	MH-4408	567.03	566.98	565.8	565.83	31.4	150	0.18	1,000.00	0.4807	0.0331	1	1.09	1	21.7	0.011	HDPE
MH-947	MH-3064	567.9	567.09	566.31	565.94	36.8	150	0.67	100	1.52	0.1721	1.2	1.44	1	41.9	0.011	HDPE
MH-4409	MH-795	582.17	581.65	580.87	580.5	37.6	150	0.51	100	1.52	0.0666	1.1	1.15	1	15.2	0.011	HDPE
MH-2672	MH-2920	586.91	586.78	585.76	585.63	36.8	150	0.53	283.954	0.902	0.2815	1	1	1	36.1	0.011	HDPE
MH-4411	MH-4412	589.46	588.96	588.18	587.81	36.9	150	0.51	100	1.52	0.0654	1.1	1.13	1	15.1	0.011	HDPE
MH-4413	MH-4414	551.68	551.13	550.35	549.98	36.9	150	0.45	100	1.52	0.0457	1.1	1.18	1	12.7	0.011	HDPE
MH-2682	MH-1136	565.98	566	564.73	564.66	36.9	150	0.26	596.785	0.6222	0.062	1.1	1.11	1.19	35.7	0.011	HDPE
MH-421	MH-1796	581.03	580.7	578.82	578.79	36.9	600	0.89	1,000.00	19.3795	14.6473	1.5	1.6	1.32	58	0.011	HDPE
MH-3201	MH-4409	582.57	582.17	581.38	581.02	36.2	150	0.47	100	1.52	0.0512	1	1.04	1	13.4	0.011	HDPE
MH-1788	MH-4348	575.04	574.51	573.72	573.36	37	150	0.78	100	1.52	0.2846	1.1	1.17	1	35.8	0.011	HDPE
MH-1823	MH-1185	574.53	574.89	573.38	573.74	37	150	0.7	103.592	1.4934	0.2081	1	1	1	34	0.011	HDPE
MH-3506	MH-4399	570.3	570.75	568.74	568.7	37	150	0.16	1,000.00	0.4807	0.0226	1.6	1.41	1.89	19.3	0.011	HDPE
MH-3766	MH-3760	579.14	579.57	576.19	576.16	37	150	0.3	1,000.00	0.4807	0.179	3	2.8	3.26	46.7	0.011	HDPE
MH-103	MH-2857	584.07	583.51	582.73	582.36	37	150	0.88	100	1.52	0.4377	1.1	1.18	1	39.7	0.011	HDPE
MH-4415	MH-4390	577.48	577.95	576.33	576.69	37	150	0.37	100	1.52	0.0236	1.1	1	1.1	9.1	0.011	HDPE
MH-4417	MH-4416	552.07	550.49	549.71	549.34	37.1	150	0.67	100	1.52	0.1711	1.6	2.21	1	24.5	0.011	HDPE
MH-4168	MH-705	585.26	584.56	580.54	580.5	37.1	600	0.92	1,000.00	19.3795	18.1454	3.8	4.12	3.45	71.2	0.011	HDPE
MH-3928	MH-3994	568.69	568.76	567.19	567.15	37.1	150	0.24	1,000.00	0.4807	0.0834	1.4	1.35	1.46	37.8	0.011	HDPE
MH-2218	MH-3240	586.32	586.18	583.23	583.19	37.1	700	0.96	1,000.00	29.2326	20.0871	2.3	2.39	2.29	59.3	0.011	HDPE
MH-3322	MH-1762	589.4	589.4	587.34	587.23	37.1	217	0.8	338.388	2.4332	1.3861	1.9	1.84	1.95	51	0.01	HDPE
MH-4419	MH-4420	575.86	576.89	574.71	574.68	37.1	150	0.14	1,000.00	0.4807	0.0126	1.5	1	2.07	12.1	0.011	HDPE
MH-3047	MH-1495	565.76	565.04	564.26	563.89	37.1	150	0.39	100	1.52	0.0284	1.2	1.35	1	10	0.011	HDPE
MH-2061	MH-3593	572.46	571.8	571.02	570.65	37.2	150	0.46	100	1.52	0.0474	1.1	1.29	1	12.9	0.011	HDPE
MH-4423	MH-1907	575.53	574.49	573.41	573.34	37.2	150	0.41	489.494	0.687	0.2296	1.5	1.96	1	35.1	0.011	HDPE
MH-3630	MH-713	577.01	576.7	575.86	575.55	37.2	150	0.47	119.884	1.3883	0.0627	1	1	1	35.7	0.011	HDPE
MH-1208	MH-421	581.44	581.03	579.8	579.43	37.2	600	2.07	100	61.2834	14.0873	1	1.04	1	37.7	0.011	HDPE
MH-4424	MH-4161	585.77	585.24	584.47	584.09	37.3	150	0.38	100	1.52	0.0268	1.1	1.15	1	9.7	0.011	HDPE
MH-4425	MH-4426	600.58	599.72	598.94	598.57	37.3	150	0.77	100	1.52	0.2782	1.2	1.49	1	31.3	0.011	HDPE
MH-3678	MH-1977	580	579.6	578.82	578.45	37.3	150	0.88	100.525	1.5161	0.4428	1	1.03	1	40	0.011	HDPE
MH-3239	MH-1053	581.01	580.3	579.27	578.9	37.3	400	1.75	100	20.7858	6.9807	1.2	1.34	1	45.2	0.011	HDPE
MH-4427	MH-4428	554.24	553.78	552.49	552.21	37.3	150	0.8	133.172	1.3172	0.46	1.5	1.59	1.42	45.1	0.011	HDPE
MH-4430	MH-2327	587.19	586.8	586.02	585.65	37.3	150	0.88	100	1.52	0.4455	1	1.02	1	40.1	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2338	MH-133	572.31	572.64	570.79	570.76	37.3	150	0.14	1,000.00	0.4807	0.0133	1.5	1.37	1.73	21.9	0.011	HDPE
MH-3519	MH-2140	579.27	579.15	577.97	577.92	37.3	150	0.22	725.135	0.5645	0.0397	1.1	1.15	1.08	28.3	0.011	HDPE
MH-3570	MH-4431	574.17	573.56	572.37	572.41	37.3	150	0.21	1,000.00	0.4807	0.0548	1.3	1.65	1	24.5	0.011	HDPE
MH-4432	MH-1929	547.84	547.42	546.65	546.27	37.4	150	0.21	100	1.52	0.0036	1	1.05	1	4.2	0.011	HDPE
MH-4433	MH-4395	547.35	547.8	538.4	538.33	37.4	400	0.8	529.079	9.0366	3.6349	8.8	8.55	9.07	44.3	0.011	HDPE
MH-1394	MH-1114	578.82	578.46	577.67	577.31	37.4	150	0.47	101.949	1.5054	0.054	1	1	1	15.6	0.011	HDPE
MH-964	MH-1681	585.61	585.39	583.09	583.07	20.1	700	0.97	1,000.00	29.2326	20.3105	1.7	1.83	1.63	56.7	0.011	HDPE
MH-3689	MH-1378	578.18	577.7	574.04	574.08	37.5	150	0.26	1,000.00	0.4807	0.1163	3.7	3.99	3.48	33.4	0.011	HDPE
MH-978	MH-4434	593.89	593.76	591.38	591.33	37.5	450	0.8	813.69	9.9757	6.9977	2	2.07	1.98	61.1	0.011	HDPE
MH-1151	MH-133	573.34	572.64	570.8	570.76	37.5	150	0.27	779.791	0.5443	0.0881	2.1	2.39	1.73	29.4	0.011	HDPE
MH-3234	MH-2600	583.17	582.61	580.48	580.2	37.5	150	0.8	133.223	1.3169	0.4603	2.4	2.54	2.26	42.3	0.011	HDPE
MH-4239	MH-2097	578.31	577.99	577.16	576.79	37.6	150	0.56	101.692	1.5073	0.0923	1	1	1.05	24.1	0.011	HDPE
MH-1973	MH-1345	576.3	576.79	575.15	575.11	37.6	150	0.16	1,000.00	0.4807	0.0191	1.3	1	1.52	18.3	0.011	HDPE
MH-3902	MH-4436	575.71	575.07	573.88	573.92	37.6	150	0.17	1,000.00	0.4807	0.0273	1.3	1.68	1	19.1	0.011	HDPE
MH-4437	MH-4438	563.74	564.45	562.59	562.55	37.6	150	0.22	1,000.00	0.4807	0.06	1.4	1	1.75	27.5	0.011	HDPE
MH-1812	MH-1295	586.47	586.12	585.32	584.97	37.6	150	0.82	106.843	1.4705	0.3887	1	1	1	37.6	0.011	HDPE
MH-4439	MH-2129	586.24	586.36	585.09	585.05	37.6	150	0.15	1,000.00	0.4807	0.0176	1.1	1	1.16	15.3	0.011	HDPE
MH-3876	MH-2301	577.65	576.34	575.56	575.19	37.6	150	0.78	100	1.52	0.2879	1.5	1.93	1	31.9	0.011	HDPE
MH-3807	MH-3838	577.67	577.28	576.51	576.13	37.6	150	0.61	100	1.52	0.1227	1	1.01	1	20.7	0.011	HDPE
MH-1012	MH-4440	582.93	583.7	581.78	582.16	37.7	150	0.3	100	1.52	0.0122	1.2	1	1.4	6.6	0.011	HDPE
MH-2872	MH-3443	589.11	588.9	586.54	586.47	37.7	400	0.8	548.77	9.7603	2.9383	2.1	2.17	2.03	37.5	0.01	HDPE
MH-3549	MH-4166	550.47	550.26	549.31	548.98	37.7	150	0.72	115.712	1.4131	0.2642	1.1	1.02	1.14	38.7	0.011	HDPE
MH-4416	MH-3692	550.49	549.02	548.25	547.87	37.7	150	0.67	100	1.52	0.1739	1.5	2.09	1	24.7	0.011	HDPE
MH-2445	MH-2114	580.63	581.85	578.62	578.58	37.7	150	0.27	1,000.00	0.4807	0.1279	2.5	1.86	3.12	36.5	0.011	HDPE
MH-4441	MH-4442	582.26	581.9	579.03	578.84	37.7	175	0.8	201.361	1.7774	0.6418	3	3.06	2.88	43.4	0.01	HDPE
MH-522	MH-4443	546.35	546.32	545.2	545.16	37.7	150	0.3	1,000.00	0.4807	0.1766	1	1	1.01	34.2	0.011	HDPE
MH-1535	MH-3848	576.69	576	575.23	574.85	37.7	150	0.4	100	1.52	0.0306	1.2	1.31	1	10.4	0.011	HDPE
MH-4353	MH-4444	581.38	581.06	580.23	579.91	37.8	150	0.47	119.965	1.3878	0.0618	1	1	1	15	0.011	HDPE
MH-3534	MH-1457	587.06	586.33	585.56	585.18	37.8	150	0.55	100	1.52	0.0893	1.2	1.35	1	17.6	0.011	HDPE
MH-569	MH-2379	570.95	570.82	569.24	569.21	38.8	150	0.32	1,000.00	0.4807	0.2305	1.5	1.56	1.47	39.5	0.011	HDPE
MH-4445	MH-2025	584.15	583.93	583	582.78	37.8	150	0.36	169.561	1.1673	0.0397	1	1	1	12.5	0.011	HDPE
MH-4080	MH-1976	580.56	580.06	579.29	578.91	37.8	150	0.65	100	1.52	0.1525	1.1	1.12	1	23.1	0.011	HDPE
MH-2114	MH-4180	581.85	580.05	578.58	578.54	37.8	150	0.28	1,000.00	0.4807	0.1517	2.2	3.12	1.35	31.5	0.011	HDPE
MH-4446	MH-4447	543.48	543.22	541.96	541.92	37.9	150	0.13	1,000.00	0.4807	0.011	1.3	1.37	1.15	11.9	0.011	HDPE
MH-2216	MH-4124	589.25	589.18	586.92	586.81	37.9	217	0.8	324.624	2.4843	1.2998	2.1	2.11	2.16	51.3	0.01	HDPE
MH-2948	MH-4448	587.65	588.15	586.5	586.88	37.9	150	0.36	100	1.52	0.0213	1.1	1	1.12	11.7	0.011	HDPE
MH-4241	MH-4449	544.61	545.36	543.18	543.42	37.9	150	0.41	156.002	1.217	0.0568	1.5	1.28	1.79	15.3	0.011	HDPE
MH-3409	MH-3356	589.6	589.54	588.45	588.39	37.9	150	0.38	629.92	0.6056	0.2406	1	1	1	45.5	0.011	HDPE
MH-3636	MH-2726	571.84	571.36	570.59	570.21	38	150	0.47	100	1.52	0.0503	1	1.09	1	19.4	0.011	HDPE
MH-4379	MH-4183	550	549.49	548.73	548.34	38	150	0.52	100	1.52	0.0722	1.1	1.13	1	15.9	0.011	HDPE
MH-1116	MH-4314	580.58	580.47	579.06	578.99	32.2	271	0.8	440.42	3.8576	2.0556	1.2	1.25	1.21	48	0.01	HDPE
MH-4450	MH-1490	582.82	583.55	581.67	581.63	38	150	0.13	1,000.00	0.4807	0.01	1.4	1	1.77	16.4	0.011	HDPE
MH-3679	MH-1327	576.55	576.15	573.92	573.56	38.1	150	0.8	105.723	1.4783	0.3394	2.5	2.48	2.43	35	0.011	HDPE
MH-3426	MH-3901	569.97	569.86	568.59	568.55	38.1	150	0.21	1,000.00	0.4807	0.0491	1.2	1.23	1.16	17.7	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3721	MH-4102	575.31	574.67	573.9	573.52	38.1	150	0.48	100	1.52	0.0565	1.1	1.26	1	16.8	0.011	HDPE
MH-4452	MH-1641	584.69	585.1	583.35	583.95	62.9	150	0.8	105.007	1.4833	0.336	1.1	1.19	1	34.8	0.011	HDPE
MH-3998	MH-490	587.29	587.19	586	585.76	38.1	150	0.54	153.85	1.2255	0.1439	1.2	1.14	1.28	26.2	0.011	HDPE
MH-3715	MH-2069	585.08	584.28	583.51	583.13	38.1	150	0.82	100	1.52	0.3483	1.2	1.42	1	35.2	0.011	HDPE
MH-1181	MH-2418	570.48	570	569.22	568.85	37.4	150	0.88	100	1.52	0.4379	1.1	1.11	1	39.7	0.011	HDPE
MH-4453	MH-2518	579.69	578.57	577.81	577.42	38.2	150	0.24	100	1.52	0.0062	1.4	1.73	1	4.8	0.011	HDPE
MH-4454	MH-2673	585.86	585.9	584.71	584.67	38.2	150	0.15	1,000.00	0.4807	0.0168	1	1	1.08	15.5	0.011	HDPE
MH-849	MH-1344	578.34	577.35	576.58	576.2	38.2	150	0.5	100	1.52	0.0643	1.3	1.61	1	15	0.011	HDPE
MH-4455	MH-3012	588.89	588.7	587.74	587.55	38.3	150	0.3	194.646	1.0895	0.0266	1	1	1	13.8	0.011	HDPE
MH-2764	MH-1562	586.06	586.27	584.91	584.87	38.3	150	0.21	1,000.00	0.4807	0.0497	1.1	1	1.25	28	0.011	HDPE
MH-4456	MH-4457	552.59	552.2	551.43	551.05	38.3	150	0.43	100	1.52	0.0391	1	1.01	1	14	0.011	HDPE
MH-4458	MH-4189	586.06	586.22	584.91	584.87	38.3	150	0.16	1,000.00	0.4807	0.0208	1.1	1	1.2	19.6	0.011	HDPE
MH-4459	MH-4460	565.34	565.07	564.19	563.92	38.3	150	0.47	145.183	1.2615	0.0806	1	1	1	26	0.011	HDPE
MH-2631	MH-4382	572.46	571.83	571.07	570.68	38.3	150	0.55	100	1.52	0.0869	1.1	1.25	1	17.4	0.011	HDPE
MH-2684	MH-2458	585.84	585.9	584.69	584.4	38.3	150	0.41	128.723	1.3397	0.0455	1.2	1	1.36	28.8	0.011	HDPE
MH-2046	MH-4461	592.61	592.37	591.46	591.09	39.8	150	0.73	108.608	1.4585	0.2545	1.1	1	1.12	35.5	0.011	HDPE
MH-2837	MH-2636	586.2	586.75	585.05	585.43	38.4	150	0.59	100	1.52	0.1092	1.1	1	1.17	19.5	0.011	HDPE
MH-4462	MH-423	588.65	588.67	587.5	587.32	38.4	150	0.28	222.653	1.0187	0.0248	1.1	1	1.19	28.3	0.011	HDPE
MH-2725	MH-4463	568.59	568.58	567.42	567.39	38.4	150	0.21	1,000.00	0.4807	0.0541	1	1.01	1.04	24.7	0.011	HDPE
MH-2537	MH-4143	600.38	601.25	599.23	599.61	38.4	150	1.06	100	1.52	0.903	1.2	1	1.49	58.9	0.011	HDPE
MH-2966	MH-3066	570.1	569.69	568.92	568.54	38.4	150	0.95	100	1.52	0.5904	1	1.02	1	46.6	0.011	HDPE
MH-4302	MH-4464	546.63	546.56	544.39	544.09	38.4	150	0.8	127.792	1.3446	0.4355	2.2	2.09	2.32	43.3	0.011	HDPE
MH-1336	MH-2626	568.52	567.64	566.81	566.42	38.4	217	1.17	100	4.476	1.0855	1.2	1.5	1	51.1	0.01	HDPE
MH-4465	MH-2025	583.18	583.93	582.03	581.99	38.5	150	0.15	1,000.00	0.4807	0.0169	1.4	1	1.79	15.2	0.011	HDPE
MH-2140	MH-3833	579.15	579.56	577.92	577.88	38.5	150	0.29	1,000.00	0.4807	0.1561	1.3	1.08	1.53	39.5	0.011	HDPE
MH-1832	MH-4466	565.55	565.15	564.38	564	38.5	150	0.8	100	1.52	0.323	1	1.02	1	33.9	0.011	HDPE
MH-2526	MH-4467	543.97	543.72	542.55	542.37	38.5	175	0.8	218.038	1.7081	0.7171	1.2	1.24	1.17	45.8	0.01	HDPE
MH-2907	MH-4468	585.22	586.08	584.07	584.45	38.5	150	0.77	100	1.52	0.272	1.2	1	1.48	31	0.011	HDPE
MH-4469	MH-4240	544	544	542.81	542.85	38.5	150	0.22	1,000.00	0.4807	0.0628	1	1.04	1	20.2	0.011	HDPE
MH-3548	MH-4009	571.39	571.07	569.9	569.8	38.5	271	0.84	409.125	4.0024	2.2173	1.1	1.22	1	53.6	0.01	HDPE
MH-4470	MH-3633	574.19	574.72	573.04	573.01	38.5	150	0.2	1,000.00	0.4807	0.0445	1.3	1	1.57	22.3	0.011	HDPE
MH-1167	MH-1823	574.16	574.53	573.01	573.38	38.6	150	0.81	104.976	1.4836	0.3552	1	1	1	41.8	0.011	HDPE
MH-4351	MH-2287	589.75	589.47	588.34	588.3	38.6	150	0.32	1,000.00	0.4807	0.2272	1.1	1.27	1.03	41.9	0.011	HDPE
MH-2231	MH-1755	584.07	583.97	582.49	582.53	38.6	150	0.29	1,000.00	0.4807	0.1541	1.4	1.43	1.29	31.8	0.011	HDPE
MH-4203	MH-3177	586.86	586.98	585.09	585.17	38.7	400	0.8	479.589	9.4914	3.1715	1.4	1.37	1.4	39.5	0.011	HDPE
MH-3101	MH-3311	592.33	592.3	591.18	590.96	38.7	150	0.64	179.684	1.134	0.3144	1.1	1	1.18	46.3	0.011	HDPE
MH-4471	MH-2920	586.74	586.78	584.83	584.91	38.7	400	0.8	525.607	9.0664	3.6033	1.5	1.51	1.48	39.7	0.011	HDPE
MH-2864	MH-4176	584.18	583.26	582.5	582.11	38.8	150	0.67	100	1.52	0.1704	1.3	1.53	1	24.4	0.011	HDPE
MH-4473	MH-4474	572.06	572.75	570.91	570.87	38.8	150	0.2	1,000.00	0.4807	0.0456	1.4	1	1.74	22.2	0.011	HDPE
MH-4476	MH-4477	589.18	588.77	587.99	587.62	36.8	150	0.65	100	1.52	0.1558	1	1.05	1	23.3	0.011	HDPE
MH-4478	MH-3103	591.76	591.12	590.36	589.97	38.8	150	0.4	100	1.52	0.0297	1.1	1.25	1	10.2	0.011	HDPE
MH-3961	MH-2444	580.21	580.01	578.69	578.65	38.8	150	0.21	1,000.00	0.4807	0.0549	1.3	1.37	1.21	28.2	0.011	HDPE
MH-1088	MH-4479	576.9	577.61	575.75	576.14	38.8	150	0.47	100	1.52	0.0533	1.2	1	1.32	13.6	0.011	HDPE
MH-1982	MH-4166	550.24	550.26	549.02	548.98	39.2	150	0.15	1,000.00	0.4807	0.0175	1.1	1.07	1.14	31.8	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4480	MH-3008	569.29	568.59	567.83	567.44	38.8	150	0.62	100	1.52	0.134	1.2	1.31	1	21.6	0.011	HDPE
MH-4468	MH-3243	586.08	587.07	584.93	585.32	38.8	150	0.63	100	1.52	0.1418	1.3	1	1.6	22.2	0.011	HDPE
MH-3849	MH-2096	578.1	578.02	576.95	576.87	38.9	150	0.31	469.096	0.7018	0.0756	1	1	1	22.4	0.011	HDPE
MH-4212	MH-4481	589.5	589.57	588.35	588.31	39.8	150	0.29	1,000.00	0.4807	0.1634	1.1	1	1.11	32.8	0.011	HDPE
MH-3793	MH-1999	578.1	577.73	576.95	576.58	38.9	150	0.56	104.225	1.4889	0.0989	1	1	1	18.6	0.011	HDPE
MH-1939	MH-1324	565.34	565.27	563.99	563.63	38.9	150	0.8	108.135	1.4617	0.3508	1.3	1.2	1.49	35.7	0.011	HDPE
MH-3846	MH-295	576.51	575.89	575.13	574.74	38.9	150	0.41	100	1.52	0.0338	1.1	1.23	1	10.9	0.011	HDPE
MH-3332	MH-1440	570.55	571.32	569.4	569.79	38.9	150	0.75	100	1.52	0.2567	1.2	1	1.39	30.1	0.011	HDPE
MH-153	MH-757	567.05	567.3	565.79	565.75	38.9	150	0.1	1,000.00	0.4807	0.0043	1.3	1.11	1.4	7.8	0.011	HDPE
MH-1225	MH-1594	574.03	573.32	572.56	572.17	38.9	150	0.35	100	1.52	0.0193	1.2	1.32	1	8.3	0.011	HDPE
MH-3271	MH-4387	589.5	589.45	587.72	587.55	39.1	217	0.8	232.248	2.9371	0.819	1.6	1.56	1.68	40.7	0.01	HDPE
MH-4324	MH-4482	546.58	546.65	545.52	545.47	39	150	0.36	750	0.5678	0.248	1	0.91	1.04	45.1	0.011	HDPE
MH-3913	MH-4417	553.04	552.07	551.31	550.92	39	150	0.66	100	1.52	0.1658	1.3	1.58	1	24.1	0.011	HDPE
MH-3307	MH-2361	578.61	577.94	577.16	576.77	39	175	1.11	100	2.5221	0.8302	1.1	1.28	1	49.6	0.01	HDPE
MH-3065	MH-356	566.88	566.58	565.67	565.36	39	217	1.38	127.156	3.9694	2.9032	1	1	1	67	0.01	HDPE
MH-4483	MH-169	584.7	583.87	583.11	582.72	39	150	0.26	100	1.52	0.0066	1.2	1.44	1	4.9	0.011	HDPE
MH-4484	MH-3180	563.05	563.5	561.9	561.86	39.1	150	0.17	1,000.00	0.4807	0.0239	1.2	1	1.5	17.7	0.011	HDPE
MH-2615	MH-35	565.96	565.52	564.76	564.37	39.1	150	0.93	100	1.52	0.5414	1	1.05	1	51.7	0.011	HDPE
MH-4486	MH-1741	565.22	564.47	563.71	563.32	39.1	150	0.48	100	1.52	0.0552	1.2	1.36	1	21	0.011	HDPE
MH-1311	MH-4048	586.54	587.11	585.39	585.74	34.9	150	0.74	100	1.52	0.2401	1.1	1	1.22	29.1	0.011	HDPE
MH-1762	MH-1622	589.4	589.4	587.18	587.07	39.1	271	0.8	370.103	4.2081	1.5975	2	1.95	2.06	49.2	0.01	HDPE
MH-1521	MH-1	588.82	588.6	587.67	587.45	21.3	150	0.41	100	1.52	0.0332	1	1	1	13.6	0.011	HDPE
MH-3574	MH-22	579.83	578.64	577.88	577.49	39.2	150	0.72	100	1.52	0.2159	1.4	1.8	1	27.5	0.011	HDPE
MH-4011	MH-2400	580.61	579.74	578.98	578.59	39.2	150	0.52	100	1.52	0.0741	1.2	1.48	1	16.1	0.011	HDPE
MH-2714	MH-1523	572.1	571.6	570.64	570.33	39.3	271	1.23	129.755	7.107	1.9338	1.1	1.2	1	39.3	0.01	HDPE
MH-971	MH-1866	555.53	555.73	553.53	553.44	38.8	271	0.8	403.554	4.03	1.8045	1.9	1.73	2.02	47.1	0.01	HDPE
MH-4488	MH-3373	570.6	570.09	569.33	568.94	39.3	150	0.22	100	1.52	0.0044	1.1	1.11	1	4	0.011	HDPE
MH-4489	MH-2453	581.18	580.43	579.67	579.28	39.3	150	0.36	100	1.52	0.0214	1.2	1.36	1	8.7	0.011	HDPE
MH-2158	MH-3087	586	585.64	584.7	584.32	39.3	150	0.8	101.83	1.5063	0.3271	1.2	1.15	1.18	34.2	0.011	HDPE
MH-2679	MH-3076	588.29	588.27	587.12	587.08	39.4	150	0.21	1,000.00	0.4807	0.0528	1	1.02	1.04	20.1	0.011	HDPE
MH-4447	MH-4490	543.22	543.03	541.92	541.88	39.4	150	0.14	991.056	0.4828	0.0131	1.1	1.15	1	25.7	0.011	HDPE
MH-4401	MH-4491	591.71	591.19	589.87	589.79	39.4	400	0.81	478.001	9.5072	3.3757	1.2	1.44	1	38.3	0.011	HDPE
MH-713	MH-3741	576.7	576.44	575.55	575.29	39.5	150	0.91	153.475	1.3497	0.7117	1	1	1	56.8	0.01	HDPE
MH-709	MH-2423	597.66	596.86	596.11	595.71	39.5	150	0.96	100	1.52	0.6105	1.2	1.41	1	47.4	0.011	HDPE
MH-4301	MH-1282	550.77	550.32	549.34	549.17	39.6	150	0.38	246.124	0.9689	0.073	1.1	1.28	1	23.7	0.011	HDPE
MH-2348	MH-471	567.4	567.07	566.2	565.92	39.6	150	0.42	141.149	1.2794	0.0535	1	1.05	1	16.2	0.011	HDPE
MH-4391	MH-4214	571.29	570.62	569.87	569.47	39.6	150	0.41	100	1.52	0.0326	1.1	1.28	1	10.7	0.011	HDPE
MH-3889	MH-4467	543.81	543.72	542.51	542.4	39.6	150	0.14	346.165	0.817	0.0038	1.2	1.15	1.17	20.9	0.011	HDPE
MH-4179	MH-4222	544.58	544.61	543.41	543.45	39.6	150	0.16	1,000.00	0.4807	0.0201	1	1.02	1.01	14.3	0.011	HDPE
MH-4493	MH-4246	548.91	549.32	547.76	547.72	39.6	150	0.16	1,000.00	0.4807	0.0193	1.2	1	1.44	14.9	0.011	HDPE
MH-3057	MH-1783	583.29	583.06	582.02	581.79	39.6	271	1.07	171.202	6.1872	1.6866	1	1	1	40.4	0.01	HDPE
MH-1746	MH-4494	576.37	575.32	574.13	574.17	39.6	150	0.16	1,000.00	0.4807	0.0213	1.5	2.09	1	20.6	0.011	HDPE
MH-4495	MH-4496	589.92	589.74	588.77	588.59	39.6	150	0.32	218.292	1.0288	0.0359	1	1	1	15.9	0.011	HDPE
MH-2316	MH-943	589.09	589.01	587.94	587.86	39.6	150	0.24	547.848	0.6494	0.0392	1	1	1	19.7	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3305	MH-1531	577.72	577.51	576.57	576.3	39.6	150	0.38	145.282	1.2611	0.0397	1	1	1.06	18.9	0.011	HDPE
MH-771	MH-3514	582.87	581.91	581.16	580.76	39.7	150	0.24	100	1.52	0.005	1.3	1.56	1	4.3	0.011	HDPE
MH-4407	MH-4322	545.47	545.25	543.51	543.55	39.7	150	0.14	1,000.00	0.4807	0.0148	1.7	1.81	1.55	13.1	0.011	HDPE
MH-2082	MH-4501	584.89	584.41	583.24	583.26	24.5	150	0.14	1,000.00	0.4807	0.0135	1.2	1.5	1	17.7	0.011	HDPE
MH-1471	MH-4323	547.39	546.95	545.98	545.89	39.8	150	0.45	400	0.7775	0.2403	1.1	1.25	0.91	34.8	0.011	HDPE
MH-2873	MH-3470	572.94	572.31	571.55	571.16	39.8	150	1.26	100	1.672	1.4511	1.1	1.24	1	75.3	0.01	HDPE
MH-3268	MH-1237	588.81	589	587.66	587.62	39.8	150	0.19	1,000.00	0.4807	0.0405	1.1	1	1.23	36.4	0.011	HDPE
MH-4502	MH-1540	578.95	578.54	577.79	577.39	39.8	150	0.36	100	1.52	0.0212	1	1.01	1	13.4	0.011	HDPE
MH-3368	MH-2713	572.95	572.6	570.81	570.71	39.8	271	0.8	400.268	4.0465	1.7821	1.7	1.87	1.62	47	0.01	HDPE
MH-3204	MH-4382	571.31	571.83	568.77	568.88	39.8	271	0.8	371.686	4.1992	1.6088	2.5	2.27	2.69	42.5	0.01	HDPE
MH-4503	MH-1778	605.16	605.02	604.01	603.87	39.8	150	0.29	284.308	0.9015	0.0377	1	1	1	13.1	0.011	HDPE
MH-1655	MH-4504	571.45	571	569.58	569.5	39.8	271	0.8	486.135	3.6717	2.4108	1.4	1.6	1.23	53.4	0.01	HDPE
MH-4338	MH-2892	582.74	581.83	581.08	580.68	39.8	150	0.49	100	1.52	0.0585	1.3	1.51	1	14.3	0.011	HDPE
MH-4505	MH-493	572.84	573.18	571.69	571.65	39.9	150	0.12	1,000.00	0.4807	0.007	1.2	1	1.38	10.9	0.011	HDPE
MH-4506	MH-224	577.27	577.35	576.12	576.08	39.9	150	0.15	1,000.00	0.4807	0.018	1.1	1	1.12	15.4	0.011	HDPE
MH-4507	MH-4294	587.75	587.21	586.46	586.06	40	150	0.51	100	1.52	0.0682	1.1	1.13	1	26.1	0.011	HDPE
MH-899	MH-1212	564	564	561.56	561.23	40	150	0.8	118.962	1.3936	0.395	2.5	2.29	2.62	38.4	0.011	HDPE
MH-1775	MH-245	563.52	562.88	562.13	561.73	40	150	0.9	100	1.52	0.4854	1.1	1.24	1	41.9	0.011	HDPE
MH-4508	MH-739	579.98	579.72	578.83	578.57	40	150	0.2	151.609	1.2345	0.0053	1	1	1	6.9	0.011	HDPE
MH-1914	MH-4509	544.14	543.76	542.4	542.44	41	150	0.31	1,000.00	0.4807	0.2021	1.4	1.59	1.17	47.1	0.011	HDPE
MH-4054	MH-1519	581.04	580.67	579.89	579.52	40	150	0.67	107.069	1.469	0.1819	1	1	1	30.2	0.011	HDPE
MH-2074	MH-1775	564.12	563.52	562.77	562.37	40	150	0.78	100	1.52	0.2829	1.1	1.21	1	31.6	0.011	HDPE
MH-4511	MH-4175	599.85	598.8	598.05	597.65	40.1	150	0.91	100	1.52	0.4965	1.3	1.65	1	42.5	0.011	HDPE
MH-3353	MH-4512	572.52	573.21	571.37	571.77	40.1	150	0.42	100	1.52	0.0351	1.1	1	1.29	11.1	0.011	HDPE
MH-1851	MH-3538	589.96	589.38	588.63	588.23	40.1	150	0.75	100	1.52	0.2509	1.1	1.18	1	29.8	0.011	HDPE
MH-4513	MH-1839	551.94	551.77	549.84	549.7	40.1	217	0.8	286.527	2.6443	1.0819	1.9	1.88	1.85	44.3	0.01	HDPE
MH-4514	MH-4515	589.06	589.11	587.91	587.87	40.1	150	0.13	1,000.00	0.4807	0.0112	1	1	1.09	13.6	0.011	HDPE
MH-4516	MH-1586	581.16	581.35	580.01	579.97	40.2	150	0.09	1,000.00	0.4807	0.0033	1.1	1	1.22	8.3	0.011	HDPE
MH-4517	MH-899	564	564	561.6	561.56	40.2	150	0.29	1,000.00	0.4807	0.1746	2.3	2.25	2.29	41	0.011	HDPE
MH-3365	MH-3404	562.9	562.9	561.73	561.69	40.2	150	0.25	1,000.00	0.4807	0.0916	1	1.02	1.06	33	0.011	HDPE
MH-4520	MH-4521	551.3	551.24	550.15	550.09	40.3	150	0.19	644.997	0.5985	0.021	1	1	1	15.5	0.011	HDPE
MH-4311	MH-2046	592.89	592.61	591.74	591.46	39.9	150	0.58	141.938	1.2759	0.1586	1	1	1	29	0.011	HDPE
MH-1154	MH-2584	586.27	586.36	585.04	585	40.3	150	0.21	1,000.00	0.4807	0.0531	1.1	1.08	1.21	18.4	0.011	HDPE
MH-1756	MH-4522	584.4	584.54	583.05	583.39	40.3	150	0.32	119.251	1.3919	0.0182	1.1	1.2	1	11.8	0.011	HDPE
MH-2778	MH-434	579.01	577.99	577.24	576.84	40.3	150	0.64	100	1.52	0.1454	1.3	1.62	1	34.5	0.011	HDPE
MH-4523	MH-4524	549	549	547.72	547.56	40.3	217	0.8	259.835	2.7768	0.9519	1.1	1.07	1.22	40.2	0.01	HDPE
MH-4388	MH-4373	544.6	544.36	542.32	542.36	40.3	150	0.32	1,000.00	0.4807	0.2409	2	2.13	1.84	51.1	0.011	HDPE
MH-4525	MH-4526	598.61	597.86	597.12	596.71	40.4	150	0.82	100	1.52	0.346	1.2	1.35	1	35.1	0.011	HDPE
MH-2776	MH-1135	566.35	566.37	565.09	565.04	40.4	150	0.24	734.911	0.5607	0.0595	1.1	1.11	1.18	34.5	0.011	HDPE
MH-4428	MH-4527	553.78	553.29	552.21	551.97	40.4	150	0.8	167.993	1.29	0.4914	1.3	1.42	1.17	46.7	0.01	HDPE
MH-466	MH-1790	585.71	586.43	584.56	584.96	39.9	150	0.82	100	1.52	0.3464	1.2	1	1.32	35.1	0.011	HDPE
MH-4528	MH-4529	588.86	590.18	587.71	588.12	40.4	150	0.7	100	1.52	0.1972	1.5	1	1.91	26.3	0.011	HDPE
MH-4530	MH-1613	582.99	583.77	581.84	581.8	40.4	150	0.13	1,000.00	0.4807	0.0117	1.4	1	1.82	15.6	0.011	HDPE
MH-4531	MH-2383	550.53	550.57	549.38	549.34	40.3	150	0.31	1,000.00	0.4807	0.2028	1	1	1.08	47.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3596	MH-4159	557.79	557.62	556.29	556.12	40.5	500	1.39	244.454	24.1043	10.4523	1	1	1	52.1	0.011	HDPE
MH-4399	MH-4504	570.75	571	568.7	568.66	40.6	150	0.22	1,000.00	0.4807	0.0622	2	1.89	2.18	19.9	0.011	HDPE
MH-3111	MH-4192	589.5	589.45	588.35	588.3	40.6	150	0.24	810.768	0.5338	0.0674	1	1	1	22.4	0.011	HDPE
MH-2617	MH-2998	567.08	566.91	565.93	565.76	40.6	150	0.28	236.195	0.989	0.0263	1	1	1	13.9	0.011	HDPE
MH-3124	MH-3159	582.05	581.6	580.86	580.45	40.7	150	0.5	100	1.52	0.065	1	1.04	1	19.4	0.011	HDPE
MH-4532	MH-4533	590.08	589.5	588.75	588.35	40.7	150	0.38	100	1.52	0.0248	1.1	1.17	1	9.3	0.011	HDPE
MH-4534	MH-2627	580.93	581.52	579.78	579.74	40.7	150	0.3	1,000.00	0.4807	0.1765	1.3	1	1.63	34.2	0.011	HDPE
MH-4133	MH-477	574.77	573.87	572.91	572.72	40.8	150	0.46	214.486	1.0379	0.1211	1.4	1.7	1	22.6	0.011	HDPE
MH-4535	MH-4536	602.59	602.64	601.14	601.1	40.8	150	0.33	1,000.00	0.4807	0.2776	1.3	1.3	1.39	43.7	0.011	HDPE
MH-4533	MH-1404	589.5	588.96	588.21	587.81	40.8	150	0.51	100	1.52	0.0666	1.1	1.13	1	15.2	0.011	HDPE
MH-3547	MH-881	581.41	580.98	580.23	579.83	40.8	150	0.34	100	1.52	0.0172	1	1.02	1	7.8	0.011	HDPE
MH-3657	MH-3776	579.82	579.27	578.51	578.1	40.8	175	1.07	100	2.5221	0.7333	1.1	1.14	1	46.4	0.01	HDPE
MH-2573	MH-3039	578.2	577.66	576.91	576.51	40.8	150	0.38	100	1.52	0.0246	1.1	1.14	1	9.3	0.011	HDPE
MH-4537	MH-4538	589	588.82	587.55	587.37	40.9	450	1.37	219.114	19.2237	8.2254	1	1	1	56.3	0.011	HDPE
MH-4527	MH-4539	553.29	552.79	551.97	551.64	40.9	150	0.91	123.229	1.5062	0.5256	1.1	1.17	1	43.8	0.01	HDPE
MH-3055	MH-703	572.74	571.86	571.12	570.71	41	150	0.79	100	1.52	0.3027	1.2	1.47	1	32.8	0.011	HDPE
MH-3904	MH-286	569.05	569.29	567.77	568.13	40.7	150	0.8	115.408	1.4149	0.3846	1.1	1.13	1.01	40.7	0.011	HDPE
MH-3108	MH-1415	583.18	583.7	580.76	580.72	41	150	0.32	1,000.00	0.4807	0.2459	2.6	2.27	2.84	46.3	0.011	HDPE
MH-3315	MH-1312	588.01	587.72	586.83	586.56	41	150	0.39	149.715	1.2423	0.0439	1	1.02	1.01	31.5	0.011	HDPE
MH-4539	MH-4376	552.79	552.3	551.56	551.15	41	150	1	100	1.672	0.5563	1	1.08	1	44.1	0.01	HDPE
MH-4540	MH-4541	546.79	548.65	545.64	546.05	41.1	150	0.44	100	1.52	0.0412	1.7	1	2.45	16	0.011	HDPE
MH-4542	MH-4471	586.58	586.74	583.78	583.82	41.1	600	0.92	1,000.00	19.3795	19.3181	2.3	2.2	2.32	59.2	0.011	HDPE
MH-2555	MH-4468	586.27	586.08	585.12	584.93	41.1	150	0.41	216.011	1.0342	0.0813	1	1	1	18.4	0.011	HDPE
MH-823	MH-3366	584.85	584.15	583.31	583	41.2	150	0.54	133.332	1.3164	0.1139	1.2	1.39	1	20.6	0.011	HDPE
MH-2095	MH-4543	593.62	593.09	591.9	591.94	41.2	150	0.19	1,000.00	0.4807	0.0387	1.3	1.57	1	15.7	0.011	HDPE
MH-3156	MH-2629	566.2	565.89	565.05	564.74	41.3	150	0.39	130.174	1.3323	0.0378	1	1	1	11.9	0.011	HDPE
MH-1938	MH-2959	587.57	587.12	586.36	585.95	41.3	175	1.06	100	2.5221	0.7053	1	1.04	1	46	0.01	HDPE
MH-4544	MH-560	580.28	580.83	579.13	579.09	41.3	150	0.25	1,000.00	0.4807	0.0916	1.3	1	1.59	31	0.011	HDPE
MH-1730	MH-3446	578.34	578.53	577.19	577.1	41.3	150	0.23	452.765	0.7144	0.0263	1.1	1	1.28	13.8	0.011	HDPE
MH-2766	MH-2636	587.07	586.75	585.92	585.6	41.3	150	0.5	129.414	1.3362	0.0837	1	1	1	17.6	0.011	HDPE
MH-4545	MH-406	585.74	585.72	584.59	584.55	41.3	150	0.21	1,000.00	0.4807	0.0491	1	1	1.03	22.6	0.011	HDPE
MH-4546	MH-4547	589	589.04	587.85	587.81	41.4	150	0.17	1,000.00	0.4807	0.0238	1	1	1.08	18	0.011	HDPE
MH-2486	MH-4548	574.15	573.43	572.69	572.28	41.4	150	0.66	100	1.52	0.1585	1.2	1.31	1	23.5	0.011	HDPE
MH-4549	MH-4550	552.66	552.13	551.14	550.73	41.4	400	1.4	100	20.7858	3.1586	1.1	1.12	1	29.9	0.011	HDPE
MH-3442	MH-945	569.4	568.9	568.16	567.75	41.4	150	0.27	100	1.52	0.0082	1	1.09	1	5.5	0.011	HDPE
MH-2703	MH-3297	570.63	570.42	569.14	568.98	41.4	217	0.8	258.298	2.785	0.9443	1.2	1.27	1.22	39.7	0.01	HDPE
MH-4551	MH-4552	552.63	552.48	551.48	551.33	41.4	150	0.47	281.46	0.906	0.1789	1	1	1	33.2	0.011	HDPE
MH-1218	MH-4335	575.52	574.94	573.15	573.1	25.7	400	0.8	539.731	9.8417	2.8808	1.7	1.97	1.44	44.9	0.01	HDPE
MH-1950	MH-3279	566.69	565.93	565.19	564.78	41.5	150	0.47	100	1.52	0.0529	1.2	1.35	1	15	0.011	HDPE
MH-3192	MH-2248	587.23	586.95	586.08	585.8	41.5	150	0.86	143.982	1.3934	0.5177	1	1	1	51.1	0.01	HDPE
MH-4420	MH-2182	576.89	576.69	574.68	574.63	41.5	150	0.15	1,000.00	0.4807	0.0184	2	2.07	1.9	16.2	0.011	HDPE
MH-4554	MH-2144	560.95	561.72	559.8	559.76	41.5	150	0.34	1,000.00	0.4807	0.3096	1.4	1	1.81	48.9	0.011	HDPE
MH-1864	MH-4371	590.73	590	589.26	588.85	41.5	150	0.48	100	1.52	0.0561	1.2	1.32	1	14	0.011	HDPE
MH-1064	MH-770	581.97	582.63	580.82	581.23	41.6	150	0.23	100	1.52	0.0049	1.1	1	1.24	4.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4555	MH-4498	547.78	546.69	545.95	545.54	41.6	150	0.14	100	1.52	0.0009	1.3	1.67	1	1.9	0.011	HDPE
MH-4052	MH-3575	573.75	573.76	572.56	572.47	41.6	150	0.31	507.849	0.6745	0.0844	1.1	1.05	1.14	23.4	0.011	HDPE
MH-2747	MH-3051	572.69	571.76	571.04	570.61	42.6	150	0.7	100	1.52	0.1961	1.3	1.51	1	26.2	0.011	HDPE
MH-4482	MH-4287	546.65	546.76	545.47	545.4	41.4	150	0.39	615.225	0.6269	0.25	1.1	1.04	1.21	41.8	0.011	HDPE
MH-4556	MH-4557	583.82	583.44	582.67	582.29	41.3	150	0.55	106.669	1.4717	0.094	1	1	1	18.2	0.011	HDPE
MH-4558	MH-4559	570.68	571.21	569.53	569.48	44.1	150	0.15	1,000.00	0.4807	0.0168	1.3	1	1.58	10.4	0.011	HDPE
MH-3212	MH-4359	575.77	576.33	573.58	573.38	41.7	175	0.8	207.506	1.7509	0.6709	2.4	2.01	2.77	45.5	0.01	HDPE
MH-4075	MH-4560	575.69	576.39	574.54	574.96	41.7	150	0.35	100	1.52	0.0197	1.1	1	1.29	8.3	0.011	HDPE
MH-2893	MH-2811	590.24	590.12	589.09	588.81	41.8	150	0.64	146.562	1.2556	0.2338	1.1	1	1.16	30	0.011	HDPE
MH-3728	MH-1865	567	567	565.81	565.42	41.8	150	0.67	105.364	1.4808	0.1858	1.2	1.04	1.43	25.6	0.011	HDPE
MH-4216	MH-4563	595.46	595.87	594.31	594.72	41.8	150	0.36	100.938	1.5129	0.0212	1	1	1	8.7	0.011	HDPE
MH-4564	MH-2386	567.81	567.58	566.66	566.43	41.8	150	0.18	177.151	1.142	0.0041	1	1	1	4.2	0.011	HDPE
MH-1266	MH-2892	580.82	581.83	579.67	580.09	41.9	150	0.59	100	1.52	0.1093	1.3	1	1.59	19.5	0.011	HDPE
MH-3330	MH-1979	587.54	587.19	586.39	586.04	41.9	150	0.4	119.524	1.3903	0.0364	1	1	1	21.8	0.011	HDPE
MH-4298	MH-4565	554.27	553.75	552.03	551.94	41.9	400	0.8	460.339	9.6879	2.9996	1.6	1.84	1.41	35.4	0.011	HDPE
MH-2539	MH-3680	588.71	587.59	586.86	586.44	41.9	150	0.79	100	1.52	0.3117	1.3	1.7	1	33.3	0.011	HDPE
MH-251	MH-4234	577.09	576.67	575.45	575.07	41.9	600	2.15	111.282	58.0939	18.504	1	1.04	1	44.1	0.011	HDPE
MH-607	MH-302	591.56	591.14	589.79	589.75	42.6	150	0.28	1,000.00	0.4807	0.1536	1.4	1.62	1.24	31.8	0.011	HDPE
MH-4345	MH-4168	586.05	585.26	583.66	583.62	41.9	600	0.89	1,000.00	19.3795	14.8803	1.4	1.79	1.04	51.4	0.011	HDPE
MH-605	MH-731	590.27	589.36	588.47	588.1	41.9	150	0.8	113.029	1.4297	0.3693	1.4	1.64	1.1	36.9	0.011	HDPE
MH-1508	MH-1405	588.96	588.73	587.81	587.56	42	150	0.38	163.788	1.1877	0.0442	1	1	1.03	23.7	0.011	HDPE
MH-2975	MH-3383	566.22	565.14	564.41	563.99	42	150	0.56	100	1.52	0.0927	1.3	1.66	1	18	0.011	HDPE
MH-2072	MH-4568	593.77	593.21	592.02	592.06	42	150	0.17	1,000.00	0.4807	0.0266	1.3	1.6	1	13.1	0.011	HDPE
MH-578	MH-1966	591.05	590.97	589.88	589.63	42	175	0.93	169.364	1.938	0.8951	1.1	1	1.16	65.2	0.01	HDPE
MH-1819	MH-4569	591.88	591.57	590.73	590.42	42	150	0.39	135.82	1.3043	0.0391	1	1	1	13.3	0.011	HDPE
MH-4570	MH-4571	546.47	547.07	545.32	545.74	42.1	150	0.55	100	1.52	0.0859	1.1	1	1.18	17.3	0.011	HDPE
MH-103	MH-2570	584.07	584.74	582.92	583.34	42.1	150	0.71	100	1.52	0.2148	1.1	1	1.25	27.5	0.011	HDPE
MH-793	MH-2074	564.17	564.12	562.98	562.77	42.1	150	0.53	197.317	1.0821	0.179	1.1	1.04	1.21	30.8	0.011	HDPE
MH-4572	MH-22	578.52	578.64	577.37	577.32	42.1	150	0.19	1,000.00	0.4807	0.0365	1.1	1	1.16	15.2	0.011	HDPE
MH-4189	MH-4573	586.22	586.21	584.87	585.06	42.1	150	0.24	216.291	1.0335	0.0124	1.1	1.2	1	16.3	0.011	HDPE
MH-4019	MH-4574	545.1	544.94	543.95	543.79	42.1	150	0.29	267.009	0.9302	0.034	1	1	1	12.5	0.011	HDPE
MH-4575	MH-4576	596.71	596.36	594.45	594.38	42.1	400	0.8	602.282	8.4697	4.3716	1.7	1.86	1.59	52.6	0.011	HDPE
MH-4577	MH-4578	564.42	563.62	562.9	562.47	42.8	150	0.4	100	1.52	0.0305	1.2	1.37	1	17.9	0.011	HDPE
MH-1323	MH-1080	562.68	561.89	561.13	560.71	42.1	175	1.32	100	2.5221	1.6558	1.2	1.37	1	64.4	0.01	HDPE
MH-1679	MH-4579	570.74	570.86	569.39	569.36	30.2	150	0.3	1,000.00	0.4807	0.18	1.3	1.21	1.35	43.5	0.011	HDPE
MH-4565	MH-4580	553.75	553.23	551.94	551.7	42.2	400	1.14	176.496	15.6459	3.0516	1.3	1.41	1.12	33.2	0.011	HDPE
MH-302	MH-605	591.14	590.27	589.23	589.12	41.6	150	0.48	376.8	0.7831	0.2743	1.4	1.76	1	37.1	0.011	HDPE
MH-4581	MH-1504	589.25	589.12	588.1	587.87	42.2	150	0.35	181.926	1.1269	0.0395	1.1	1	1.1	25.1	0.011	HDPE
MH-4582	MH-4583	589.11	588.15	587.42	587	42.2	150	0.52	100	1.52	0.0749	1.3	1.54	1	19.9	0.011	HDPE
MH-4434	MH-2433	593.76	593.59	591.33	591.28	42.2	450	0.8	817.726	9.9511	7.0669	1.9	1.98	1.86	61.1	0.011	HDPE
MH-4584	MH-1073	564.49	565.3	562.04	562.22	42.2	217	0.8	235.801	2.9149	0.8364	2.5	2.23	2.86	38	0.01	HDPE
MH-3435	MH-4585	583.4	583.3	582.11	582.15	42.2	150	0.15	1,000.00	0.4807	0.0175	1.1	1.14	1	14.9	0.011	HDPE
MH-4588	MH-2363	543.81	543.99	542.66	542.84	42.2	150	0.45	232.078	0.9978	0.1195	1	1	1	24.3	0.011	HDPE
MH-1080	MH-2106	561.89	561.12	560.37	559.95	42.3	175	1.34	100	2.5221	1.8095	1.2	1.34	1	67.8	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4589	MH-4590	591.28	590.87	590.05	589.72	32.9	150	0.92	100	1.52	0.5139	1	1.07	1	43.2	0.011	HDPE
MH-1622	MH-1555	589.4	589.45	588.24	588.29	43	150	0.34	1,000.00	0.4807	0.3167	1	1.01	1.01	47.1	0.011	HDPE
MH-3219	MH-1773	583.33	583.45	580.69	580.53	42.5	217	0.8	265.977	2.7445	0.9748	2.6	2.42	2.7	40.6	0.01	HDPE
MH-3864	MH-3366	585.04	584.15	583.43	583	42.6	150	0.49	100	1.52	0.0596	1.2	1.46	1	14.4	0.011	HDPE
MH-4467	MH-4329	543.72	543.46	542.37	542.18	42.6	175	0.8	219.51	1.7023	0.724	1.1	1.17	1.11	46	0.01	HDPE
MH-833	MH-2458	585.62	585.9	584.44	584.4	42.6	150	0.26	1,000.00	0.4807	0.1122	1.2	1.04	1.36	38.5	0.011	HDPE
MH-394	MH-1668	589.83	589.63	588.19	587.96	42.6	175	0.8	184.475	1.8569	0.5721	1.5	1.46	1.49	41.6	0.01	HDPE
MH-4591	MH-4396	575.44	575.25	574.29	574.1	42.6	150	0.25	219.51	1.0259	0.0163	1	1	1	10.4	0.011	HDPE
MH-4592	MH-1454	565.57	565.6	563.11	563.07	42.6	150	0.33	1,000.00	0.4807	0.278	2.3	2.3	2.38	43.8	0.011	HDPE
MH-4571	MH-4593	547.07	547.38	545.92	546.23	42.6	150	0.47	137.086	1.2982	0.0749	1	1	1	16.8	0.011	HDPE
MH-1021	MH-4594	581.64	580.97	580.22	579.8	42.6	175	1.06	100	2.5221	0.7143	1.1	1.24	1	50.3	0.01	HDPE
MH-4193	MH-4051	568.23	568.53	566.85	567.06	42.7	175	0.8	199.142	1.7873	0.6316	1.2	1.2	1.29	42.9	0.01	HDPE
MH-2874	MH-377	567.72	567.5	566.57	566.35	42.7	150	0.89	193.989	1.2005	0.9556	1	1	1	65.6	0.01	HDPE
MH-1728	MH-1702	577.93	577.53	576.78	576.38	42.7	150	0.55	105.866	1.4773	0.0924	1	1	1	18.1	0.011	HDPE
MH-4596	MH-4117	547.19	547.06	545.84	545.8	42.8	150	0.31	1,000.00	0.4807	0.2139	1.2	1.2	1.11	38.7	0.011	HDPE
MH-4442	MH-3465	581.9	581.2	578.84	578.63	42.9	175	0.8	205.337	1.7601	0.6609	2.6	2.88	2.39	44.3	0.01	HDPE
MH-4599	MH-3435	583.51	583.4	582.36	582.11	42.9	150	0.33	168.165	1.1721	0.0293	1.1	1	1.14	13.9	0.011	HDPE
MH-2827	MH-93	583.89	583.79	582.74	582.64	42.9	150	0.24	414.292	0.7468	0.0307	1	1	1	17.5	0.011	HDPE
MH-3984	MH-2476	578.76	579.18	577.14	577.1	43	150	0.16	1,000.00	0.4807	0.0228	1.7	1.47	1.93	18.6	0.011	HDPE
MH-4600	MH-1969	577.28	577.48	576.13	576.08	43	150	0.16	1,000.00	0.4807	0.0199	1.1	1	1.25	30.7	0.011	HDPE
MH-333	MH-4601	579.97	580.37	578.73	578.69	43	150	0.26	1,000.00	0.4807	0.1096	1.3	1.08	1.53	26.6	0.011	HDPE
MH-4121	MH-1655	571.22	571.45	569.67	569.58	43.1	271	0.8	471.644	3.7277	2.2904	1.4	1.28	1.6	57.1	0.01	HDPE
MH-3508	MH-4006	587.82	587.87	586.44	586.06	43.2	150	0.8	113.749	1.4252	0.3722	1.4	1.22	1.65	42.4	0.011	HDPE
MH-2890	MH-2274	586.01	586.23	584.86	584.82	43.9	150	0.22	1,000.00	0.4807	0.0638	1.1	1	1.26	20.2	0.011	HDPE
MH-4277	MH-1404	588.89	588.96	587.74	587.7	43.2	150	0.22	1,000.00	0.4807	0.0648	1.1	1	1.1	25.6	0.011	HDPE
MH-4474	MH-1150	572.75	573.21	570.87	570.82	43.3	150	0.22	1,000.00	0.4807	0.0611	2	1.74	2.23	24.7	0.011	HDPE
MH-2671	MH-1475	569.11	568.59	567.88	567.44	43.4	150	0.76	100	1.52	0.2617	1	1.08	1	30.4	0.011	HDPE
MH-4102	MH-4602	574.67	575.17	573.52	573.96	43.4	150	0.25	100	1.52	0.0064	1	1	1.06	11.8	0.011	HDPE
MH-4230	MH-4584	563.65	564.49	561.86	562.04	43.4	217	0.8	247.646	2.8443	0.8877	1.9	1.57	2.23	39.1	0.01	HDPE
MH-1159	MH-1726	583.43	584.23	582.19	581.79	43.5	150	0.8	107.569	1.4656	0.3502	1.7	1.08	2.29	35.6	0.011	HDPE
MH-4318	MH-2631	573.18	572.46	571.75	571.31	43.5	150	0.5	100	1.52	0.063	1.1	1.28	1	14.8	0.011	HDPE
MH-4603	MH-2623	570.2	569.64	568.93	568.49	43.5	150	0.45	100	1.52	0.0444	1.1	1.12	1	12.5	0.011	HDPE
MH-4605	MH-2547	588.12	588.42	586.97	586.92	43.6	150	0.15	1,000.00	0.4807	0.0166	1.2	1	1.35	12.2	0.011	HDPE
MH-4606	MH-2292	577.83	579.53	576.68	576.63	43.7	150	0.11	1,000.00	0.4807	0.0057	1.9	1	2.75	6.1	0.011	HDPE
MH-2600	MH-4441	582.61	582.26	579.25	579.03	43.6	175	0.8	195.134	1.8055	0.6141	3.1	3.18	3.06	42.6	0.01	HDPE
MH-3576	MH-4607	586.21	586.86	585.06	585.49	43.7	150	0.62	100	1.52	0.1266	1.1	1	1.22	21	0.011	HDPE
MH-3447	MH-248	579.43	579.16	578.28	577.91	43.7	150	1.13	120.832	1.5211	1.2162	1	1	1.09	69.9	0.01	HDPE
MH-1858	MH-3838	577.51	577.28	576.36	576.1	43.7	150	0.58	173.692	1.1533	0.2091	1	1	1.03	33.9	0.011	HDPE
MH-4608	MH-4609	590.02	589.76	588.87	588.61	43.8	150	0.37	169.762	1.1666	0.042	1	1	1	12.9	0.011	HDPE
MH-4249	MH-4513	552.12	551.94	550	549.84	43.6	217	0.8	280.237	2.6738	1.0501	1.9	1.9	1.88	43.5	0.01	HDPE
MH-4548	MH-4610	573.43	572.7	570.67	570.62	43.9	700	1.02	1,000.00	29.2326	28.5799	1.7	2.06	1.37	58.8	0.011	HDPE
MH-4611	MH-4486	566.07	565.22	564.51	564.07	43.9	150	0.35	100	1.52	0.0182	1.2	1.41	1	8	0.011	HDPE
MH-4414	MH-4378	551.13	550.51	549.8	549.36	44	150	0.48	100	1.52	0.0546	1.1	1.18	1	13.8	0.011	HDPE
MH-4026	MH-2333	576.45	575.48	574.77	574.33	44.1	150	0.47	100	1.52	0.05	1.3	1.52	1	13.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3024	MH-2811	590.87	590.12	589.16	588.72	44.3	400	1.48	100	20.7858	3.7441	1.2	1.31	1	32.6	0.011	HDPE
MH-2658	MH-3119	586.37	586.1	585.22	584.95	44.3	150	0.48	157.964	1.2094	0.0917	1	1	1	18.8	0.011	HDPE
MH-3288	MH-1912	568.86	569.35	567.71	568.15	44.3	150	0.76	100	1.52	0.2658	1	1	1.04	30.6	0.011	HDPE
MH-4580	MH-4549	553.23	552.66	551.7	551.26	44.3	400	1.4	100	20.7858	3.1104	1.1	1.12	1	29.6	0.011	HDPE
MH-2364	MH-4570	545.42	546.47	544.27	544.71	44.4	150	0.57	100	1.52	0.098	1.3	1	1.61	18.5	0.011	HDPE
MH-1510	MH-4608	590.61	590.02	589.31	588.87	44.4	150	0.38	100	1.52	0.027	1.1	1.14	1	11.7	0.011	HDPE
MH-4612	MH-2195	590.73	590.48	589.58	589.33	44.5	150	0.23	182.732	1.1245	0.0097	1	1	1	6.4	0.011	HDPE
MH-2094	MH-2054	573.52	574.24	572.17	572.01	44.5	150	0.37	278.816	0.9103	0.0792	1.6	1.2	2.08	18.8	0.011	HDPE
MH-4613	MH-4425	601.65	600.58	599.87	599.43	44.5	150	0.74	100	1.52	0.2473	1.3	1.62	1	29.5	0.011	HDPE
MH-2292	MH-3688	579.53	578.65	573.96	574.01	44.5	150	0.27	1,000.00	0.4807	0.1237	5	5.42	4.49	36.4	0.011	HDPE
MH-2288	MH-2987	589.35	589.33	588.2	588.13	44.5	150	0.4	645.34	0.5984	0.2994	1	1	1.04	45.1	0.011	HDPE
MH-3398	MH-651	567.62	567.39	566.47	566.24	44.5	150	0.26	196.312	1.0849	0.0148	1	1	1	10.9	0.011	HDPE
MH-2470	MH-4614	549.11	548.24	547.53	547.09	44.6	150	0.45	100	1.52	0.0464	1.2	1.43	1	12.8	0.011	HDPE
MH-4176	MH-555	583.26	582.57	581.86	581.42	44.6	150	0.77	100	1.52	0.2784	1.1	1.25	1	31.4	0.011	HDPE
MH-902	MH-1195	599.3	598.7	598	597.55	44.7	150	0.97	100	1.52	0.6321	1.1	1.15	1	48.3	0.011	HDPE
MH-4504	MH-1188	571	570.5	568.54	568.27	45.1	271	1.21	167.359	6.2579	2.514	2.1	2.18	1.96	46.6	0.01	HDPE
MH-4059	MH-4311	593.89	592.89	592.19	591.74	44.8	150	0.6	100	1.52	0.1208	1.3	1.56	1	23.9	0.011	HDPE
MH-4615	MH-4616	561.08	561	559.2	559.31	41.1	271	0.8	392.803	4.0847	1.7333	1.5	1.61	1.43	46.7	0.01	HDPE
MH-2656	MH-1479	586.98	586.7	585.83	585.42	44.8	150	0.71	107.261	1.4677	0.2269	1.1	1	1.13	28.5	0.011	HDPE
MH-1873	MH-1166	567.66	566.86	565.26	565.15	44.8	800	1.61	400	67.512	39.0891	1.3	1.6	0.91	52.6	0.011	HDPE
MH-4617	MH-4618	585.14	584.13	583.52	582.98	53.7	150	0.54	100	1.52	0.0826	1.2	1.48	1	17	0.011	HDPE
MH-733	MH-2834	576.22	575.49	574.79	574.34	44.9	150	0.66	100	1.52	0.1614	1.1	1.28	1	23.8	0.011	HDPE
MH-3907	MH-1857	578.18	577.74	577.03	576.59	45.1	150	0.67	104.465	1.4872	0.178	1	1	1	27.7	0.011	HDPE
MH-4619	MH-3159	581.76	581.6	580.61	580.45	45.1	150	0.21	289.385	0.8935	0.0129	1	1	1	15.4	0.011	HDPE
MH-4444	MH-1115	581.06	580.55	579.5	579.16	45.2	217	1.25	130.785	3.9139	1.9807	1.3	1.35	1.18	54.2	0.01	HDPE
MH-4620	MH-4384	566.64	565.78	565.01	564.61	40.1	175	1.17	100	2.5221	1.0303	1.2	1.46	1	49.6	0.01	HDPE
MH-4621	MH-3383	564.66	565.14	563.51	563.46	45.2	150	0.19	1,000.00	0.4807	0.0364	1.3	1	1.53	31.6	0.011	HDPE
MH-3125	MH-1265	576.16	576.9	573.42	573	45.3	150	0.8	107.139	1.4685	0.3464	3.2	2.59	3.75	35.4	0.011	HDPE
MH-2116	MH-911	579.34	579.01	578.12	577.77	45.4	217	1.26	128.791	3.9441	1.9857	1	1	1.03	58.9	0.01	HDPE
MH-4471	MH-3136	586.74	586.51	583.82	583.86	45.6	600	0.9	1,000.00	19.3795	15.6815	2.2	2.32	2.04	67.2	0.011	HDPE
MH-4622	MH-4535	603.39	602.59	601.19	601.14	45.6	150	0.32	1,000.00	0.4807	0.2339	1.7	2.06	1.3	51.2	0.011	HDPE
MH-436	MH-631	583.69	582.12	581.42	580.97	45.6	150	0.57	100	1.52	0.0984	1.6	2.12	1	18.5	0.011	HDPE
MH-1663	MH-4155	546.88	546.77	545.29	544.92	45.7	150	0.8	122.695	1.3723	0.4133	1.6	1.44	1.71	42.1	0.011	HDPE
MH-4623	MH-4333	587.51	586.85	586.03	585.7	33.6	150	0.37	100	1.52	0.0222	1.2	1.32	1	8.9	0.011	HDPE
MH-4366	MH-449	574.52	573.7	573.01	572.55	46.2	150	0.88	100	1.52	0.4389	1.2	1.36	1	39.8	0.011	HDPE
MH-2334	MH-2230	585.64	585	584.31	583.85	45.8	150	0.58	100	1.52	0.1027	1.1	1.18	1	18.9	0.011	HDPE
MH-1902	MH-2968	586.21	586.18	585.06	585.02	46	150	0.24	1,000.00	0.4807	0.0818	1	1	1.02	27.8	0.011	HDPE
MH-1334	MH-4415	576.85	577.48	575.7	576.16	46	150	0.4	100	1.52	0.0312	1.1	1	1.16	10.5	0.011	HDPE
MH-1855	MH-3003	581.58	581.17	580.13	579.77	46	150	0.8	127.138	1.3481	0.4327	1.3	1.29	1.25	44.4	0.011	HDPE
MH-4253	MH-2600	581.93	582.61	579.32	579.28	46.1	150	0.26	1,000.00	0.4807	0.1076	2.8	2.46	3.18	32.1	0.011	HDPE
MH-1869	MH-2629	565.74	565.89	564.52	564.34	46.1	217	0.8	253.716	2.8101	0.9147	1.2	1	1.33	39.8	0.01	HDPE
MH-4624	MH-99	576.8	576.05	575.24	574.78	46.1	271	1.34	100	8.0956	1.8662	1.1	1.29	1	37.4	0.01	HDPE
MH-4625	MH-2570	585.46	584.74	584.05	583.59	46.1	150	0.35	100	1.52	0.0183	1.1	1.26	1	8	0.011	HDPE
MH-4626	MH-4627	589.46	588.87	588.18	587.72	46.1	150	1.04	100	1.52	0.8547	1.1	1.13	1	57.1	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4438	MH-427	564.45	565.34	562.55	562.5	46.1	150	0.26	1,000.00	0.4807	0.1054	2.2	1.75	2.69	33.8	0.011	HDPE
MH-4628	MH-1193	585.31	583.72	583.03	582.57	46.2	150	0.3	100	1.52	0.0121	1.6	2.13	1	6.6	0.011	HDPE
MH-4627	MH-1718	588.87	588.97	587.47	587.57	45	400	0.86	469.859	9.5892	4.0651	1	1	1	41.6	0.011	HDPE
MH-1211	MH-4336	586.14	584.73	584.04	583.58	46.2	150	0.81	100	1.52	0.3366	1.5	1.95	1	34.6	0.011	HDPE
MH-632	MH-381	581.62	580.52	579.84	579.37	46.3	150	0.61	100	1.52	0.1209	1.3	1.63	1	20.6	0.011	HDPE
MH-4629	MH-4630	553.1	552.39	551.71	551.24	46.3	150	0.38	100	1.52	0.0258	1.1	1.24	1	9.5	0.011	HDPE
MH-4463	MH-300	568.58	569.25	567.39	567.34	45.4	150	0.24	1,000.00	0.4807	0.078	1.4	1.04	1.76	31	0.011	HDPE
MH-4631	MH-4632	585.52	584.88	584.19	583.73	46.4	150	1.27	100	1.672	1.5095	1.1	1.18	1	77.1	0.01	HDPE
MH-4633	MH-2845	583.88	583.9	582.73	582.68	46.5	150	0.32	1,000.00	0.4807	0.25	1	1	1.07	52.6	0.011	HDPE
MH-1861	MH-4337	591.75	592.65	589.85	589.89	46.6	150	0.25	1,000.00	0.4807	0.1038	2.2	1.75	2.61	32	0.011	HDPE
MH-4464	MH-4634	546.56	546.44	544.09	543.73	46.6	150	0.8	129.865	1.3338	0.4446	2.4	2.32	2.56	43.9	0.011	HDPE
MH-1169	MH-1134	586.17	586.49	584.88	584.83	46.6	150	0.28	1,000.00	0.4807	0.1494	1.3	1.14	1.51	42.9	0.011	HDPE
MH-4635	MH-4636	593.63	592.56	591.81	591.34	46.7	217	1.51	100	4.476	2.8696	1.3	1.61	1	64.2	0.01	HDPE
MH-300	MH-3901	569.25	569.86	567.34	567.29	47.9	150	0.27	1,000.00	0.4807	0.1291	2.1	1.76	2.41	39	0.011	HDPE
MH-1125	MH-4024	577	576.16	574.98	574.69	46.9	150	0.51	165.051	1.1832	0.1258	1.6	1.88	1.32	23.1	0.011	HDPE
MH-4004	MH-1689	585.77	586.87	584.62	585.09	47	150	0.63	100	1.52	0.1412	1.3	1	1.63	22.2	0.011	HDPE
MH-3153	MH-4639	585.81	586.13	584.56	584.98	47.1	150	0.3	113.364	1.4276	0.0142	1.1	1.1	1	18.6	0.011	HDPE
MH-4640	MH-136	582.75	581.8	581.13	580.65	47.3	150	0.46	100	1.52	0.0495	1.2	1.47	1	16.4	0.011	HDPE
MH-396	MH-4624	577.26	576.8	575.38	575.24	47.3	271	0.87	330.944	4.4501	1.8525	1.4	1.61	1.29	43.4	0.01	HDPE
MH-4641	MH-2395	582.05	581.75	580.45	580.13	47.1	600	1.8	144.875	50.9151	13.9002	1	1	1.02	43	0.011	HDPE
MH-4642	MH-4643	550.75	550.43	549.6	549.28	47.2	150	0.44	145.597	1.2597	0.0667	1	1	1	15.9	0.011	HDPE
MH-2461	MH-4644	590.6	591.01	589.45	589.86	47.2	150	0.44	115.254	1.4159	0.0477	1	1	1	13.1	0.011	HDPE
MH-1461	MH-2024	568.86	569.37	567.08	567.03	47.2	150	0.18	1,000.00	0.4807	0.0308	1.9	1.64	2.19	18.9	0.011	HDPE
MH-4645	MH-3627	579.59	580.14	578.44	578.39	47.3	150	0.15	1,000.00	0.4807	0.0184	1.3	1	1.6	15.9	0.011	HDPE
MH-3768	MH-4601	580.15	580.37	579	578.69	47.4	150	0.33	153.219	1.228	0.0274	1.3	1	1.53	10.3	0.011	HDPE
MH-4614	MH-1262	548.24	547.56	546.87	546.41	46.6	150	0.47	100	1.52	0.0496	1.1	1.21	1	29.1	0.011	HDPE
MH-4647	MH-4352	589.13	589.34	587.98	587.93	47.5	150	0.15	1,000.00	0.4807	0.0156	1.1	1	1.26	15.6	0.011	HDPE
MH-4074	MH-3931	574.93	573.47	572.24	572	47.7	175	0.8	197.562	1.7944	0.6245	1.9	2.51	1.29	41.3	0.01	HDPE
MH-4650	MH-2016	590.45	589.91	588.99	588.51	47.8	400	1.48	100	20.7858	3.7591	1	1.06	1	37.1	0.011	HDPE
MH-4651	MH-2925	571.61	570.47	569.8	569.32	47.8	150	0.39	100	1.52	0.0284	1.3	1.66	1	10	0.011	HDPE
MH-773	MH-4652	586.31	587.22	585.16	585.57	40.8	150	0.32	100	1.52	0.0152	1.2	1	1.5	17.1	0.011	HDPE
MH-2325	MH-1020	582.44	582.06	581.29	580.91	47.9	150	0.43	125.848	1.355	0.0518	1	1	1	13.8	0.011	HDPE
MH-2866	MH-3297	570.73	570.42	569.03	568.72	47.9	700	2.11	150.284	75.4069	27.0121	1	1	1	45.3	0.011	HDPE
MH-3978	MH-2456	588.8	590.08	587.65	588.13	47.9	150	0.66	100	1.52	0.1596	1.4	1	1.8	23.6	0.011	HDPE
MH-4653	MH-2182	578.04	576.69	576.02	575.54	48	150	0.24	100	1.52	0.0054	1.4	1.87	1	4.4	0.011	HDPE
MH-4135	MH-4092	595.33	595.72	593.61	593.71	48.2	400	0.8	504.748	9.2519	3.4065	1.5	1.32	1.62	41.7	0.011	HDPE
MH-4128	MH-4654	568.98	569.29	567.83	567.8	28.2	150	0.3	1,000.00	0.4807	0.1857	1.2	1	1.33	34.9	0.011	HDPE
MH-4594	MH-4655	580.97	580.79	579.8	579.61	48.3	175	0.8	260.188	1.5636	0.9369	1	1	1	53.7	0.01	HDPE
MH-4656	MH-4330	583.04	582.71	581.89	581.56	48.3	150	0.67	147.204	1.2528	0.2768	1	1	1	32.8	0.011	HDPE
MH-1325	MH-3371	565.05	564.23	563.45	562.96	48.5	271	1.27	100	8.0956	1.5341	1.2	1.34	1	40.3	0.01	HDPE
MH-4217	MH-2614	566.78	566.32	565.63	565.17	48.6	150	0.76	106.125	1.4755	0.2855	1	1	1	32	0.011	HDPE
MH-4142	MH-371	547.72	547.46	545.94	545.9	49.5	150	0.3	1,000.00	0.4807	0.1855	1.5	1.62	1.42	43.8	0.011	HDPE
MH-263	MH-2319	583.31	582.34	580.44	580.39	48.8	600	0.92	1,000.00	19.3795	18.4139	1.8	2.27	1.36	58.3	0.011	HDPE
MH-4657	MH-4658	602.44	601.61	600.95	600.46	48.8	150	0.97	100	1.672	0.4847	1.2	1.34	1	40.9	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2785	MH-2580	571.5	570.74	570.07	569.59	48.8	150	0.92	100	1.52	0.5213	1.1	1.27	1	43.6	0.011	HDPE
MH-4659	MH-4660	596.43	595.69	595.03	594.54	49	150	0.64	100	1.52	0.1459	1.1	1.25	1	22.6	0.011	HDPE
MH-4661	MH-4659	597.38	596.43	595.78	595.28	49.2	150	0.53	100	1.52	0.0782	1.2	1.45	1	16.5	0.011	HDPE
MH-3429	MH-2368	561.58	561.8	560.23	559.84	48.2	150	0.8	122.93	1.3709	0.4145	1.5	1.2	1.81	39.6	0.011	HDPE
MH-4662	MH-4663	581.41	581.99	580.26	580.76	49.3	150	0.62	100	1.52	0.1321	1	1	1.09	21.5	0.011	HDPE
MH-4630	MH-4413	552.39	551.68	551.02	550.53	49.4	150	0.42	100	1.52	0.036	1.1	1.22	1	11.3	0.011	HDPE
MH-4664	MH-1336	569.05	568.52	567.87	567.37	49.6	150	0.42	100	1.52	0.0349	1	1.03	1	11.1	0.011	HDPE
MH-4665	MH-4337	593.34	592.65	592	591.5	49.7	150	0.35	100	1.52	0.0193	1.1	1.19	1	8.3	0.011	HDPE
MH-4666	MH-2275	587.44	588.31	586.29	586.79	49.8	150	0.7	100	1.52	0.2038	1.2	1	1.37	26.8	0.011	HDPE
MH-4359	MH-1657	576.33	576.96	573.38	573.16	49.9	175	0.8	225.77	1.6786	0.7551	3.2	2.77	3.62	46.7	0.01	HDPE
MH-244	MH-1200	581.48	581.3	580.19	579.9	50	150	0.35	170.759	1.1632	0.0353	1.2	1.14	1.25	14.4	0.011	HDPE
MH-4667	MH-4517	563.72	564	561.65	561.6	50.1	150	0.29	1,000.00	0.4807	0.1596	2.1	1.92	2.25	40.2	0.011	HDPE
MH-4449	MH-2246	545.36	545.82	543.42	543.47	50	150	0.21	1,000.00	0.4807	0.0543	2	1.79	2.19	18.8	0.011	HDPE
MH-4668	MH-4669	604.05	602.95	602.3	601.8	50.2	150	0.68	100	1.52	0.179	1.3	1.59	1	25	0.011	HDPE
MH-4538	MH-4670	588.82	588.78	587.37	587.31	50.3	450	0.8	880.83	9.588	8.2687	1	1	1.02	56.4	0.011	HDPE
MH-4536	MH-4671	602.64	601.3	600.66	600.15	50.4	150	0.8	100	1.52	0.3264	1.4	1.83	1	34.1	0.011	HDPE
MH-4672	MH-361	595.79	595.34	594.27	593.94	50.7	400	1.39	152.023	16.8582	5.1492	1.1	1.12	1	40.4	0.011	HDPE
MH-4673	MH-4575	597.1	596.71	594.54	594.45	50.8	400	0.8	576.139	8.6597	4.0934	2	2.16	1.86	49.5	0.011	HDPE
MH-4475	MH-2421	579.61	578.8	578.16	577.65	50.8	150	0.38	100	1.52	0.0248	1.2	1.3	1	9.3	0.011	HDPE
MH-4093	MH-2493	595.88	596.15	593.99	594.17	50.9	217	0.8	288.014	2.6375	1.0896	1.7	1.67	1.76	45.4	0.01	HDPE
MH-4674	MH-4675	565.53	564.55	563.91	563.4	51	150	0.41	100	1.52	0.032	1.2	1.47	1	10.6	0.011	HDPE
MH-1765	MH-4676	544.23	545.25	543.08	543.59	51.1	150	0.16	100	1.52	0.0016	1.3	1	1.51	9.3	0.011	HDPE
MH-4669	MH-4613	602.95	601.65	601.01	600.5	51.1	150	0.71	100	1.52	0.2127	1.4	1.79	1	27.3	0.011	HDPE
MH-4677	MH-4381	582.32	582.62	580.84	580.78	51.1	150	0.27	1,000.00	0.4807	0.128	1.5	1.34	1.69	38.1	0.011	HDPE
MH-4161	MH-1105	585.24	584.49	583.86	583.34	51.2	150	0.61	100	1.52	0.1238	1.1	1.24	1	20.8	0.011	HDPE
MH-4426	MH-4525	599.72	598.61	597.98	597.46	51.2	150	0.79	100	1.52	0.3107	1.3	1.6	1	33.2	0.011	HDPE
MH-2424	MH-4092	596.52	595.72	595.06	594.55	51.5	175	1.39	100	2.5221	2.187	1.1	1.28	1	75.7	0.01	HDPE
MH-4678	MH-4679	551.25	551.36	549.83	549.78	51.5	150	0.19	1,000.00	0.4807	0.0392	1.3	1.27	1.43	20.6	0.011	HDPE
MH-4583	MH-1407	588.15	588	587	586.85	51.5	150	0.36	351.065	0.8113	0.0913	1	1	1	20.8	0.011	HDPE
MH-4680	MH-1626	571.36	571.77	570.21	570.16	51.6	150	0.16	1,000.00	0.4807	0.0217	1.2	1	1.46	25.2	0.011	HDPE
MH-616	MH-912	579.07	578.82	577.9	577.64	51.3	175	0.86	200.135	1.7828	0.8483	1	1	1	48.9	0.01	HDPE
MH-4216	MH-360	595.46	595.4	592.53	592.01	51.8	150	0.8	100.033	1.5198	0.3195	3	2.78	3.24	37	0.011	HDPE
MH-4681	MH-1132	554.88	554.64	553.73	553.44	52	150	0.8	179.634	1.1341	0.7181	1	1	1.04	56.4	0.011	HDPE
MH-4682	MH-4537	590.36	589	588.38	587.85	52.3	150	0.88	100	1.52	0.4403	1.4	1.83	1	39.8	0.011	HDPE
MH-4683	MH-2174	561.92	562.92	557.75	557.82	57	450	0.8	797.327	10.0776	6.7584	4.2	3.72	4.65	60.2	0.011	HDPE
MH-4684	MH-4677	582.04	582.32	580.89	580.84	52.3	150	0.22	1,000.00	0.4807	0.062	1.2	1	1.34	29.4	0.011	HDPE
MH-1778	MH-4668	605.02	604.05	602.77	602.3	52.3	150	0.61	112.637	1.4322	0.1403	1.8	2.11	1.59	25.5	0.011	HDPE
MH-4687	MH-4688	565.66	566.2	564.51	565.03	52.3	150	0.51	100	1.52	0.0709	1	1	1.02	15.8	0.011	HDPE
MH-4691	MH-3550	588.14	587.66	586.99	586.51	52.4	150	0.59	108.315	1.4605	0.1215	1	1	1	24.3	0.011	HDPE
MH-1742	MH-2312	564.44	563.44	562.81	562.29	52.4	150	0.63	100	1.52	0.1417	1.2	1.48	1	22.2	0.011	HDPE
MH-912	MH-142	578.82	578.63	577.55	577.36	52.4	271	1.03	281.805	4.8225	2.8666	1	1	1	54.9	0.01	HDPE
MH-1191	MH-4548	573.92	573.43	570.72	570.67	52.4	700	1.02	1,000.00	29.2326	28.4097	2.3	2.5	2.06	68.4	0.011	HDPE
MH-4692	MH-4350	581.46	581.73	580.31	580.26	52.5	150	0.09	1,000.00	0.4807	0.0032	1.2	1	1.32	7.5	0.011	HDPE
MH-4660	MH-1035	595.69	594.96	594.34	593.81	52.8	150	0.7	100	1.52	0.1937	1.1	1.2	1	26	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4693	MH-4263	594.51	593.32	592.7	592.17	52.8	150	0.88	100	1.52	0.4415	1.3	1.66	1	43.8	0.011	HDPE
MH-4671	MH-4511	601.3	599.85	599.23	598.7	52.9	150	0.88	100	1.52	0.439	1.5	1.93	1	39.8	0.011	HDPE
MH-2073	MH-4694	593.97	593.27	590.9	590.79	52.9	400	0.8	472.348	9.5639	3.1105	2.4	2.67	2.08	39.3	0.011	HDPE
MH-4574	MH-2273	544.94	544.45	543.79	543.3	52.9	150	0.41	108.753	1.4576	0.0361	1	1	1	12.2	0.011	HDPE
MH-2880	MH-4667	564.05	563.72	561.71	561.65	52.9	150	0.28	1,000.00	0.4807	0.1418	2.1	2.19	1.92	38	0.011	HDPE
MH-4695	MH-4696	550.37	549.99	549.22	548.84	52.9	150	0.38	137.956	1.2941	0.0377	1	1	1	11.9	0.011	HDPE
MH-4697	MH-4698	552.07	551.95	549.35	549.3	53.2	150	0.28	1,000.00	0.4807	0.1371	2.5	2.57	2.5	29.9	0.011	HDPE
MH-2195	MH-4476	590.48	589.18	588.57	588.03	53.3	150	0.44	100	1.52	0.0408	1.4	1.77	1	12	0.011	HDPE
MH-4699	MH-4700	592.2	591.25	590.05	590.1	53.4	150	0.23	1,000.00	0.4807	0.0724	1.5	2	1	42.1	0.011	HDPE
MH-371	MH-4596	547.46	547.19	545.9	545.84	52.7	150	0.31	1,000.00	0.4807	0.2048	1.3	1.42	1.2	45.6	0.011	HDPE
MH-4472	MH-2265	584.44	582.51	581.86	581.33	53.5	175	1.02	100	2.5221	0.6158	1.7	2.41	1	37.7	0.01	HDPE
MH-810	MH-3176	577.12	576.18	575.57	575.03	53.6	150	0.38	100	1.52	0.0243	1.2	1.4	1	9.3	0.011	HDPE
MH-806	MH-1226	596	595.27	594.65	594.12	53.7	150	0.9	100	1.52	0.4818	1.1	1.19	1	41.8	0.011	HDPE
MH-4107	MH-4701	574.85	574.24	573.03	573.09	53.8	150	0.26	1,000.00	0.4807	0.1067	1.3	1.66	1	33.2	0.011	HDPE
MH-4385	MH-2282	565.11	564.1	563.47	562.93	54.4	175	1.2	100	2.5221	1.1416	1.2	1.47	1	52.4	0.01	HDPE
MH-4130	MH-4626	590.69	589.46	588.86	588.31	54.7	150	0.75	100	1.52	0.2548	1.3	1.68	1	29.9	0.011	HDPE
MH-2328	MH-4656	583.33	583.04	582.18	581.89	54.7	150	0.57	185.533	1.1159	0.208	1	1	1	31.7	0.011	HDPE
MH-878	MH-4622	603.52	603.39	601.24	601.19	54.7	150	0.29	1,000.00	0.4807	0.1701	2.1	2.13	2.06	44.9	0.011	HDPE
MH-4703	MH-509	556.25	556.06	555.1	554.68	54.3	150	0.8	128.46	1.3411	0.4384	1.1	1	1.24	41	0.011	HDPE
MH-4550	MH-4704	552.13	551.37	550.52	549.97	54.9	400	1.41	100	20.7858	3.1984	1.1	1.21	1	30.1	0.011	HDPE
MH-3457	MH-2088	567.22	566.74	566.07	565.59	54.9	150	0.48	113.971	1.4238	0.0664	1	1	1	15.5	0.011	HDPE
MH-4524	MH-4705	549	549	547.56	547.35	55	217	0.8	262.481	2.7628	0.9654	1.3	1.22	1.43	40.3	0.01	HDPE
MH-4706	MH-4629	553.91	553.1	552.49	551.95	55	150	0.32	100	1.52	0.0146	1.1	1.26	1	7.3	0.011	HDPE
MH-2294	MH-4699	592.03	592.2	590.88	590.83	55	150	0.3	1,000.00	0.4807	0.1797	1.1	1	1.22	34.5	0.011	HDPE
MH-4569	MH-4589	591.57	591.28	590.42	590.05	63.1	150	0.38	172.718	1.1566	0.0494	1	1	1.07	30.5	0.011	HDPE
MH-2283	MH-4708	563.58	562.54	561.92	561.37	55.6	175	1.23	100	2.5221	1.2347	1.2	1.48	1	54.7	0.01	HDPE
MH-46	MH-1525	554.94	555.71	553.28	553.06	55.7	217	0.8	255.159	2.8021	0.9293	1.9	1.44	2.43	39.8	0.01	HDPE
MH-4371	MH-4476	590	589.18	588.59	588.03	56	150	0.56	100	1.52	0.0932	1.1	1.25	1	18	0.011	HDPE
MH-1667	MH-4709	555.83	555.64	552.73	552.6	56.6	271	0.8	445.738	3.8345	2.0941	2.8	2.84	2.77	56	0.01	HDPE
MH-4710	MH-4711	590.78	589.99	589.21	588.84	36.1	150	0.38	100	1.52	0.0258	1.2	1.42	1	9.5	0.011	HDPE
MH-4712	MH-4459	565.74	565.34	564.59	564.19	56.7	150	0.39	138.946	1.2895	0.0408	1	1	1	15.4	0.011	HDPE
MH-4713	MH-4265	590.97	589.78	588.9	588.33	56.5	450	1.78	100	28.456	7.507	1.3	1.62	1	45.7	0.011	HDPE
MH-4079	MH-4168	584.98	585.26	581.03	580.87	56.5	271	0.8	357.148	4.2838	1.5279	3.9	3.68	4.12	39.5	0.01	HDPE
MH-4598	MH-4714	587.6	586.84	585.64	585.69	52.4	150	0.16	1,000.00	0.4807	0.0207	1.4	1.81	1	24.3	0.011	HDPE
MH-4335	MH-112	574.94	574.73	572.8	572.74	57	700	1.02	1,000.00	29.2326	27.4334	1.4	1.44	1.28	69.7	0.011	HDPE
MH-4460	MH-4716	565.07	565.63	563.92	564.48	57.2	150	0.45	103.34	1.4953	0.0451	1	1	1	23.7	0.011	HDPE
MH-4717	MH-2152	587.94	586.93	586.35	585.78	57.3	150	0.44	100	1.52	0.0418	1.2	1.44	1	12.1	0.011	HDPE
MH-4521	MH-4718	551.24	550.85	550.09	549.7	57.6	150	0.47	148.146	1.2488	0.0835	1	1	1	21.8	0.011	HDPE
MH-4412	MH-4719	588.96	589.29	587.71	588.14	57.6	150	0.42	134.565	1.3103	0.0493	1.1	1.1	1	20.3	0.011	HDPE
MH-2440	MH-4720	593.43	594.15	592.28	592.87	58.2	150	0.59	100	1.52	0.1124	1.1	1	1.14	19.8	0.011	HDPE
MH-4721	MH-4722	567.87	568.59	566.72	567.31	58.3	150	0.53	100	1.52	0.0778	1.1	1	1.13	16.5	0.011	HDPE
MH-4723	MH-877	602.47	603.45	601.32	601.26	58.5	150	0.24	1,000.00	0.4807	0.086	1.5	1	2.05	33.2	0.011	HDPE
MH-4699	MH-4727	592.2	592.25	590.05	589.99	58.9	150	0.34	1,000.00	0.4807	0.2947	2.1	2	2.11	47.4	0.011	HDPE
MH-2084	MH-4702	585.34	584.38	583.82	583.23	59.1	150	0.78	100	1.52	0.2896	1.2	1.37	1	32	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4728	MH-4678	551.21	551.25	549.89	549.83	59.1	150	0.18	1,000.00	0.4807	0.0307	1.2	1.16	1.27	18	0.011	HDPE
MH-4729	MH-4709	554.87	555.64	553.72	553.66	59.3	150	0.27	1,000.00	0.4807	0.1303	1.4	1	1.84	29.1	0.011	HDPE
MH-4496	MH-4730	589.74	589.35	588.59	588.2	59.6	150	0.48	151.516	1.2349	0.0907	1	1	1	18.7	0.011	HDPE
MH-1202	MH-913	579.67	579.44	577.86	577.61	60.1	217	0.8	240.988	2.8833	0.8548	1.6	1.59	1.61	38.6	0.01	HDPE
MH-4529	MH-4733	590.18	592.13	589.03	589.63	60.2	150	0.64	100	1.52	0.1488	1.7	1	2.35	22.8	0.011	HDPE
MH-298	MH-2369	575.26	574.28	573.23	572.88	60.5	400	1.34	174.966	15.7141	5.5475	1.3	1.64	1	42.8	0.011	HDPE
MH-1251	MH-2626	568.47	567.64	567.1	566.49	60.6	150	1.13	100	1.52	1.2326	1.1	1.22	1	70.5	0.011	HDPE
MH-4671	MH-4734	601.3	601.34	600.13	600.19	60.7	150	0.22	1,000.00	0.4807	0.0645	1	1.02	1	20.3	0.011	HDPE
MH-598	MH-4122	567.51	566.39	565.85	565.24	60.9	150	1.1	100	1.672	0.7984	1.3	1.52	1	53.6	0.01	HDPE
MH-4735	MH-4697	552.08	552.07	549.41	549.35	61.1	150	0.27	1,000.00	0.4807	0.128	2.5	2.51	2.57	35.5	0.011	HDPE
MH-4675	MH-2302	564.55	563.38	562.84	562.23	61.2	150	0.55	100	1.52	0.0875	1.3	1.56	1	17.4	0.011	HDPE
MH-4736	MH-1666	554.73	555.56	553.58	553.52	61.4	150	0.19	1,000.00	0.4807	0.0396	1.4	1	1.89	20.8	0.011	HDPE
MH-4737	MH-4728	551.13	551.21	549.96	549.89	61.5	150	0.15	1,000.00	0.4807	0.0181	1.1	1.02	1.16	15	0.011	HDPE
MH-4446	MH-4739	543.48	543.17	541.96	542.02	62.1	150	0.12	1,000.00	0.4807	0.0091	1.2	1.37	1	9.9	0.011	HDPE
MH-4740	MH-521	549.17	546.5	545.97	545.35	62.4	150	0.65	100	1.52	0.155	2	3.04	1	23.3	0.011	HDPE
MH-765	MH-4635	594.86	593.63	593.11	592.48	62.7	150	0.91	100	1.52	0.4974	1.3	1.6	1	42.5	0.011	HDPE
MH-4741	MH-4730	588.97	589.35	587.82	587.51	62.9	150	0.4	204.419	1.0631	0.0694	1.3	1	1.68	24.5	0.011	HDPE
MH-4742	MH-4743	551.19	550.75	549.39	549.18	63	217	0.8	299.916	2.5846	1.1562	1.5	1.58	1.35	45.2	0.01	HDPE
MH-4744	MH-4745	567.78	567.27	566.63	566.12	63	150	0.44	124.022	1.3649	0.0541	1	1	1	17.7	0.011	HDPE
MH-4746	MH-4433	547.15	547.35	538.52	538.4	63.2	400	0.8	528.464	9.0419	3.6296	8.4	8.23	8.55	43.6	0.011	HDPE
MH-4747	MH-4748	551.53	551.73	549.72	549.65	63.4	150	0.22	1,000.00	0.4807	0.0647	1.8	1.66	1.93	26.5	0.011	HDPE
MH-4749	MH-4750	599.53	599.3	598.38	598.15	83.6	150	0.48	355.742	0.8059	0.2579	1	1	1	35.6	0.011	HDPE
MH-4751	MH-4673	597.28	597.1	594.65	594.54	63.7	400	0.8	536.526	8.9737	3.7037	2.2	2.22	2.16	46.1	0.011	HDPE
MH-4752	MH-4753	561.99	562.07	560.84	560.92	64	150	0.34	750.148	0.555	0.1901	1	1	1	40.6	0.011	HDPE
MH-4754	MH-4755	593.44	593.2	592.29	592.05	64.4	150	0.31	268.733	0.9272	0.0395	1	1	1	20.5	0.011	HDPE
MH-2434	MH-4756	593.32	592.65	591.24	591.16	64.4	450	0.8	827.618	9.8914	7.2334	1.3	1.63	1.04	52.4	0.011	HDPE
MH-4759	MH-4249	551.81	552.12	550.34	550.04	65.2	175	0.8	218.132	1.7077	0.7176	1.6	1.29	1.9	45.1	0.01	HDPE
MH-4266	MH-4537	589.67	589	588.21	587.55	65.6	450	1.79	100	28.456	7.7514	1	1.01	1	46.9	0.011	HDPE
MH-4760	MH-4134	597.1	595.18	594.69	594.03	66	150	1.2	100	1.672	1.1365	1.6	2.26	1	65.2	0.01	HDPE
MH-4762	MH-4592	564.33	565.57	563.18	563.11	66.3	150	0.22	1,000.00	0.4807	0.0576	1.7	1	2.3	38.5	0.011	HDPE
MH-4763	MH-1742	565.73	564.44	563.96	563.29	66.9	150	0.35	100	1.52	0.0184	1.3	1.62	1	8.1	0.011	HDPE
MH-1604	MH-2379	571.22	570.82	569.5	569.12	64.9	700	2.17	171.744	70.5387	36.0946	1	1.03	1	53.9	0.011	HDPE
MH-4377	MH-4759	551.85	551.81	550.68	550.34	66.6	175	0.8	197.401	1.7951	0.6239	1.1	1	1.29	44.1	0.01	HDPE
MH-1840	MH-4742	551.63	551.19	549.62	549.39	67	217	0.8	293.577	2.6123	1.1198	1.7	1.8	1.58	45.7	0.01	HDPE
MH-4429	MH-4764	591.94	590.44	589.76	589.29	47	150	0.31	100	1.52	0.0133	1.5	2.03	1	6.9	0.011	HDPE
MH-4765	MH-4766	562.59	561.41	560.93	560.26	67.5	150	0.64	100	1.52	0.1435	1.3	1.51	1	22.4	0.011	HDPE
MH-4679	MH-4747	551.36	551.53	549.78	549.72	67.6	150	0.21	1,000.00	0.4807	0.0531	1.5	1.43	1.66	23.4	0.011	HDPE
MH-4767	MH-4704	551.32	551.37	548.92	548.83	68.2	1,400.00	1.79	750	219.2713	154.6828	1.1	1	1.14	54.4	0.011	HDPE
MH-4768	MH-3908	548.47	547.81	546.59	546.66	68.5	150	0.15	1,000.00	0.4807	0.0158	1.4	1.73	1	14.4	0.011	HDPE
MH-4576	MH-4672	596.36	595.79	594.38	594.27	68.6	400	0.8	640.311	8.2143	4.8068	1.4	1.59	1.12	48.8	0.011	HDPE
MH-4769	MH-956	554.78	555.71	553.63	553.56	68.8	150	0.13	1,000.00	0.4807	0.0109	1.5	1	1.99	11.7	0.011	HDPE
MH-4329	MH-4490	543.46	543.03	542.18	541.86	68.9	175	0.81	215.678	1.7174	0.7292	1.1	1.11	1	46.4	0.01	HDPE
MH-4770	MH-4737	551.17	551.13	550.02	549.96	69.2	150	0.11	1,000.00	0.4807	0.006	1	1	1.02	10.4	0.011	HDPE
MH-4771	MH-4721	566.7	567.87	565.55	566.25	69.3	150	0.75	100	1.52	0.2525	1.2	1	1.48	29.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4772	MH-4773	562.61	562.39	561.46	561.24	69.5	150	0.43	324.756	0.8435	0.163	1	1	1	27.7	0.011	HDPE
MH-4140	MH-4765	563.72	562.59	562.14	561.44	69.9	150	0.53	100	1.52	0.0785	1.2	1.43	1	16.5	0.011	HDPE
MH-4774	MH-4772	562.8	562.61	561.65	561.46	70	150	0.38	359.945	0.8012	0.1125	1	1	1	27.3	0.011	HDPE
MH-860	MH-4345	587.38	586.05	585.08	584.45	70.1	600	1.99	111.78	57.9644	14.1074	1.3	1.7	1	38.3	0.011	HDPE
MH-4634	MH-4209	546.44	546.13	543.73	543.21	70.1	150	0.8	132.958	1.3182	0.459	2.7	2.56	2.77	44.5	0.011	HDPE
MH-4775	MH-4776	595.61	595.65	594.39	594.09	71.2	217	0.8	241.134	2.8825	0.8554	1.2	1	1.33	38.6	0.01	HDPE
MH-4118	MH-3935	546.82	546.21	545.67	545.06	71.6	150	0.68	118.254	1.3978	0.2176	1	1	1	30.2	0.011	HDPE
MH-1188	MH-4777	570.5	570.04	568.14	568	71.4	400	0.8	493.301	10.2945	2.5628	1.8	1.96	1.64	31.9	0.01	HDPE
MH-4778	MH-4779	596.06	594.91	594.48	593.76	71.9	150	0.62	100	1.52	0.1353	1.2	1.43	1	21.7	0.011	HDPE
MH-4698	MH-4740	551.95	549.17	548.74	548.02	72.2	150	0.64	100	1.52	0.1453	2	3.06	1	22.5	0.011	HDPE
MH-4781	MH-4687	564.72	565.66	563.57	564.29	72.5	150	0.61	100	1.52	0.1276	1.1	1	1.21	25.4	0.011	HDPE
MH-4636	MH-4782	592.56	591.59	591.09	590.37	72.7	217	1.53	100	4.476	2.9862	1.1	1.24	1	65.7	0.01	HDPE
MH-2192	MH-4783	577.5	578.54	576.35	577.08	73.1	150	0.95	100	1.52	0.6009	1.2	1	1.31	47	0.011	HDPE
MH-4776	MH-4785	595.65	595.54	594.09	593.71	74	217	0.88	194.181	3.2121	0.9272	1.5	1.33	1.61	42.9	0.01	HDPE
MH-4786	MH-4781	564.4	564.72	563.25	563.57	74.8	150	0.5	233.179	0.9954	0.1731	1	1	1	31.2	0.011	HDPE
MH-4733	MH-4787	592.13	593.45	590.98	591.73	75	150	0.55	100	1.52	0.0868	1.3	1	1.57	17.4	0.011	HDPE
MH-4764	MH-4582	590.44	589.11	588.72	587.96	76.1	150	0.46	100	1.52	0.0479	1.3	1.57	1	12.9	0.011	HDPE
MH-4718	MH-4789	550.85	550.21	549.7	549.06	76.2	150	0.61	119.573	1.3901	0.1541	1	1	1	36.2	0.011	HDPE
MH-4790	MH-4791	548.01	548	546.84	546.11	76.2	150	0.8	104.479	1.4871	0.3335	1.4	1.02	1.74	34.6	0.011	HDPE
MH-4792	MH-4689	551.47	550.66	550.28	549.51	76.9	150	0.42	100	1.52	0.0344	1	1.04	1	11	0.011	HDPE
MH-4745	MH-4793	567.27	566.62	566.12	565.47	77.2	150	0.55	119.746	1.3891	0.1053	1	1	1	19.5	0.011	HDPE
MH-4785	MH-4794	595.54	595.01	593.78	593.86	77.2	150	0.29	1,000.00	0.4807	0.1615	1.3	1.61	1	32.6	0.011	HDPE
MH-4795	MH-4551	552.89	552.63	551.74	551.48	77.5	150	0.4	303.454	0.8726	0.1174	1	1	1	27.2	0.011	HDPE
MH-703	MH-1181	571.86	570.48	570.12	569.33	79.1	150	0.83	100	1.52	0.3548	1.3	1.58	1	35.6	0.011	HDPE
MH-4783	MH-4798	578.54	579.88	577.39	578.18	79	150	0.9	100	1.52	0.4804	1.3	1	1.55	41.7	0.011	HDPE
MH-2168	MH-4799	590.05	589.6	588.35	588.45	79.8	150	0.22	819.154	0.5311	0.049	1.3	1.55	1	31.9	0.011	HDPE
MH-4727	MH-4682	592.25	590.36	589.99	589.21	80	150	0.82	102.152	1.5039	0.3604	1.6	2.11	1	36	0.011	HDPE
MH-4800	MH-451	571.86	572.87	570.71	570.63	80.5	150	0.16	1,000.00	0.4807	0.0221	1.5	1	2.1	19.9	0.011	HDPE
MH-4801	MH-305	579.44	580.42	578.29	578.21	80.5	150	0.17	1,000.00	0.4807	0.0278	1.5	1	2.06	28.2	0.011	HDPE
MH-4635	MH-4802	593.63	593.94	592.41	592.72	81	217	0.98	262.108	2.7647	2.2648	1	1	1	65.3	0.01	HDPE
MH-4526	MH-2423	597.86	596.86	596.52	595.71	81	150	1.26	100	1.672	1.4944	1.1	1.19	1	76.6	0.01	HDPE
MH-4803	MH-4804	592.6	593.67	591.45	592.26	81.4	150	0.69	100	1.52	0.1856	1.1	1	1.26	25.5	0.011	HDPE
MH-4756	MH-4713	592.65	590.97	590.35	589.52	82.2	450	1.77	100	28.456	7.3745	1.4	1.86	1	39.6	0.011	HDPE
MH-143	MH-4805	578.6	577.8	577.33	576.52	85.2	271	1.48	106.082	7.8601	2.9106	1	1	1	53.8	0.01	HDPE
MH-4793	MH-4806	566.62	565.53	565.21	564.38	82.7	150	0.69	100	1.52	0.1895	1.1	1.27	1	40.2	0.011	HDPE
MH-4807	MH-4808	544.5	544.8	540.3	540.52	82.8	271	0.8	370.912	4.2035	1.6045	4	3.93	4.01	43.1	0.01	HDPE
MH-1494	MH-4641	583	582.05	580.86	580.45	82.8	600	1.59	204.146	42.8917	13.8703	1.3	1.55	1	42.9	0.011	HDPE
MH-4809	MH-4757	563.23	561.74	561.42	560.59	83	150	0.66	100	1.52	0.1609	1.3	1.66	1	23.7	0.011	HDPE
MH-4766	MH-4615	561.41	561.08	559	559.2	83.4	271	0.8	420.686	3.947	1.9167	1.9	2.13	1.61	51.6	0.01	HDPE
MH-4730	MH-4670	589.35	588.78	587.49	587.05	83.5	175	0.8	191.686	1.8217	0.5998	1.6	1.68	1.56	40.3	0.01	HDPE
MH-4806	MH-4812	565.53	565.58	564.38	564.3	84.5	150	0.33	1,000.00	0.4807	0.2672	1.1	1	1.13	45.5	0.011	HDPE
MH-1905	MH-4813	588.46	589.18	587.31	588.03	84.7	150	0.5	117.771	1.4007	0.0785	1	1	1	21	0.011	HDPE
MH-4814	MH-4815	587.3	588.27	586.15	586.9	75.3	150	0.37	100	1.52	0.024	1.1	1	1.22	15.1	0.011	HDPE
MH-2326	MH-4816	587.14	587.96	585.99	586.81	84.7	150	0.53	103.357	1.4951	0.0788	1	1	1	19.2	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4817	MH-4818	587.57	588.52	586.42	587.17	75.7	150	0.52	100	1.52	0.0735	1.1	1	1.2	22.5	0.011	HDPE
MH-3540	MH-4594	581.69	580.97	580.54	579.82	85.9	150	0.64	119.577	1.39	0.187	1	1	1	37.6	0.011	HDPE
MH-4822	MH-1355	554.42	555.64	553.27	553.18	87.2	150	0.33	1,000.00	0.4807	0.2775	1.7	1	2.3	52.8	0.011	HDPE
MH-112	MH-917	574.73	574.7	572.74	572.66	87.3	700	1.02	1,000.00	29.2326	27.488	1.3	1.28	1.34	59.3	0.011	HDPE
MH-1927	MH-4304	582.91	581.78	581.51	580.63	87.8	150	0.98	100	1.52	0.6795	1.1	1.26	1	50.3	0.011	HDPE
MH-4490	MH-4823	543.03	543.19	541.86	541.46	88	175	0.8	224.151	1.6846	0.747	1.3	1	1.55	46.3	0.01	HDPE
MH-4785	MH-4824	595.54	594.95	593.71	593.42	88.3	217	0.8	300.306	2.5829	1.1585	1.5	1.61	1.31	57	0.01	HDPE
MH-4825	MH-4826	562.08	562.37	558.44	558.28	88.9	400	0.8	531.262	9.9198	2.8201	3.5	3.24	3.7	40.9	0.01	HDPE
MH-4827	MH-4809	564.78	563.23	562.97	562.08	89.3	150	0.51	100	1.52	0.0709	1.3	1.66	1	15.8	0.011	HDPE
MH-2017	MH-1718	589.75	588.97	588.35	587.57	91	400	1.42	116.662	19.2443	3.9722	1	1	1	41.4	0.011	HDPE
MH-4491	MH-4650	591.19	590.45	589.79	588.99	90	400	1.4	111.743	19.6633	3.5589	1	1	1.06	36.4	0.011	HDPE
MH-1925	MH-314	563.09	562.5	560.1	559.98	90.8	900	1.33	750	67.4974	47.6644	1.9	2.09	1.62	54.1	0.011	HDPE
MH-2369	MH-1564	574.28	572.91	571.64	571.51	92.7	400	0.83	712.417	7.7875	7.1105	1.6	2.24	1	61.7	0.011	HDPE
MH-4755	MH-2440	593.2	593.43	592.05	591.79	93.3	150	0.39	365.116	0.7955	0.1309	1.2	1	1.49	32.9	0.011	HDPE
MH-4829	MH-4830	549.2	548.38	546.37	546.26	105.6	150	0.2	1,000.00	0.4807	0.0426	2.3	2.68	1.97	21.2	0.011	HDPE
MH-4789	MH-4761	550.21	549.49	549.06	548.34	94.1	150	0.89	130.087	1.466	0.5219	1	1	1	47.8	0.01	HDPE
MH-4826	MH-4831	562.37	564.17	561.22	562.17	94.3	150	1.15	100	1.672	0.9375	1.4	1	1.86	58.5	0.01	HDPE
MH-4833	MH-4834	543.26	543.55	541.06	540.77	95.7	217	0.8	324.854	2.4834	1.3011	2.3	1.98	2.56	48.9	0.01	HDPE
MH-4798	MH-4662	579.88	581.41	578.73	579.7	96.9	150	0.8	100	1.52	0.3226	1.3	1	1.56	33.9	0.011	HDPE
MH-4751	MH-4835	597.28	596.27	594.78	595	97.1	271	0.8	443.724	3.8432	2.0795	1.6	2.22	1	48.3	0.01	HDPE
MH-4836	MH-4837	545	545	543.85	543.75	97.4	150	0.3	1,000.00	0.4807	0.1946	1	1	1.1	37	0.011	HDPE
MH-4704	MH-4743	551.37	550.75	548.69	548.44	98.5	1,400.00	2.29	400	300.2496	157.9549	1.1	1.29	0.91	51.1	0.011	HDPE
MH-4838	MH-1407	588.65	588	587.47	586.83	98.6	175	1.09	153.104	2.0383	1.4868	1	1	1	64.6	0.01	HDPE
MH-4694	MH-2809	593.27	592.48	590.79	590.59	99.1	400	0.8	485.361	9.4348	3.2228	1.8	2.08	1.5	37.9	0.011	HDPE
MH-4673	MH-4840	597.1	596.31	594.79	595.16	99.2	150	0.35	262.857	0.9375	0.0625	1.6	2.16	1	16.6	0.011	HDPE
MH-4841	MH-4575	596.33	596.71	595.18	594.7	99.2	150	0.31	203.805	1.0647	0.0312	1.4	1	1.86	11.4	0.011	HDPE
MH-4773	MH-4842	562.39	563.69	561.24	562.24	100.3	150	1.04	100	1.672	0.6362	1.1	1	1.3	47.4	0.01	HDPE
MH-4843	MH-396	577.94	577.26	576.79	576.11	100.7	150	0.3	149.476	1.2433	0.018	1	1	1	8.4	0.011	HDPE
MH-438	MH-297	577.01	575.47	573.99	573.8	102.1	400	0.8	513.22	9.1752	3.4774	1.9	2.62	1.27	48.2	0.011	HDPE
MH-4845	MH-1047	598.03	596.46	596.33	595.31	102.2	150	0.31	100	1.52	0.0138	1.3	1.54	1	7	0.011	HDPE
MH-1564	MH-1603	572.91	571.47	570.41	569.97	103.3	400	1.3	234.965	13.5602	7.3487	1.6	2.11	1.1	52	0.011	HDPE
MH-4848	MH-4752	561.68	561.99	559.98	560.84	103.9	150	0.8	120.724	1.3834	0.4034	1.3	1.55	1	38.9	0.011	HDPE
MH-4849	MH-4850	551.61	550.34	550.23	549.19	104.5	150	0.75	100	1.52	0.2548	1.1	1.23	1	29.9	0.011	HDPE
MH-4851	MH-4499	546	546.8	544.85	544.74	105.3	150	0.32	1,000.00	0.4807	0.2359	1.5	1	1.91	49.1	0.011	HDPE
MH-3936	MH-4852	546.04	545.13	544.89	543.91	105.8	150	0.99	107.966	1.6092	0.5922	1	1	1.07	50.8	0.01	HDPE
MH-4853	MH-984	598.32	596.69	596.6	595.54	105.9	150	0.36	100	1.52	0.0217	1.3	1.57	1	8.8	0.011	HDPE
MH-1501	MH-4427	553.75	554.24	552.6	552.49	106.2	150	0.34	1,000.00	0.4807	0.3057	1.3	1	1.59	50.7	0.011	HDPE
MH-4854	MH-818	598.54	596.86	596.77	595.71	106.2	150	0.37	100	1.52	0.0242	1.3	1.62	1	14	0.011	HDPE
MH-4855	MH-4856	544.5	544.8	543.35	543.24	106.6	150	0.24	1,000.00	0.4807	0.0782	1.2	1	1.41	39.2	0.011	HDPE
MH-4857	MH-2461	589.64	590.6	588.49	588.38	107.1	150	0.23	1,000.00	0.4807	0.078	1.5	1	2.07	33.8	0.011	HDPE
MH-4858	MH-512	598.7	597.02	596.95	595.87	107.4	150	0.35	100	1.52	0.0191	1.3	1.6	1	25.9	0.011	HDPE
MH-4859	MH-513	598.85	597.15	597.08	596	107.6	150	0.62	100	1.52	0.1331	1.3	1.62	1	21.5	0.011	HDPE
MH-4860	MH-4405	562.78	562.38	558.03	558.22	107.8	400	0.8	566.514	8.733	3.998	4.1	4.36	3.76	50.5	0.011	HDPE
MH-4842	MH-4786	563.69	564.4	562.24	563.25	109.1	150	0.75	108.732	1.4577	0.2839	1.1	1.3	1	43.5	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4861	MH-4862	545.65	545.95	543.95	544.17	109.3	400	0.8	489.248	9.3973	3.2577	1.3	1.3	1.38	40.4	0.011	HDPE
MH-4852	MH-2526	545.13	543.97	543.91	542.82	109.3	150	1.02	100	1.672	0.6041	1	1.07	1	46.1	0.01	HDPE
MH-4863	MH-4735	552.09	552.08	549.52	549.41	109.5	150	0.26	1,000.00	0.4807	0.1118	2.5	2.41	2.51	33.6	0.011	HDPE
MH-4865	MH-4866	554.49	555.41	553.34	554.26	110.9	150	0.5	120.389	1.3853	0.0803	1	1	1	28.5	0.011	HDPE
MH-4779	MH-4803	594.91	592.6	592.56	591.45	111	150	0.71	100	1.52	0.2091	1.6	2.2	1	27.1	0.011	HDPE
MH-4782	MH-4400	591.59	592.09	590.19	589.95	112.8	400	0.8	475.778	9.5294	3.1381	1.4	1	1.74	39.7	0.011	HDPE
MH-2170	MH-4823	544.94	543.19	542.26	541.49	114.5	150	0.85	149.174	1.369	0.5208	2	2.53	1.55	44.7	0.01	HDPE
MH-4823	MH-4833	543.19	543.26	541.42	541.06	115	217	0.8	320.865	2.4988	1.2764	1.8	1.55	1.98	50.3	0.01	HDPE
MH-4867	MH-4868	570.73	571.88	569.13	570.28	115.7	600	2.12	100.746	61.056	15.4634	1	1	1	39.7	0.011	HDPE
MH-3990	MH-4315	581.2	580.8	579.91	579.65	115.9	150	0.37	440.536	0.7242	0.1431	1.1	1.14	1	29	0.011	HDPE
MH-4834	MH-4869	543.55	543.45	540.72	540.4	117.2	271	0.8	370.186	4.2077	1.6011	2.7	2.56	2.78	42.6	0.01	HDPE
MH-4805	MH-438	577.8	577.01	576.52	575.74	118.3	271	1.31	151.093	6.5861	2.9468	1	1	1	50.1	0.01	HDPE
MH-1853	MH-1201	565.64	564	562.59	562.29	119.7	800	1.61	400	67.512	39.374	1.6	2.26	0.91	52.9	0.011	HDPE
MH-4870	MH-540	598.51	596.54	596.6	595.39	120	150	0.73	100	1.52	0.2331	1.4	1.76	1	28.7	0.011	HDPE
MH-2327	MH-4631	586.8	585.52	585.57	584.37	120.5	150	0.95	100	1.52	0.585	1	1.08	1	46.4	0.011	HDPE
MH-4670	MH-2359	588.78	588.66	586.78	586.63	134.2	450	0.8	902.829	9.4704	8.9397	1.6	1.56	1.58	68.1	0.011	HDPE
MH-1909	MH-4838	591.29	588.65	588.73	587.5	123.8	150	1.1	100	1.52	1.0887	1.7	2.41	1	65.5	0.011	HDPE
MH-4873	MH-4874	549.37	548.61	548.15	547.4	124.9	217	1.23	166.259	3.4714	2.7714	1	1	1	68.1	0.01	HDPE
MH-4875	MH-4386	553.66	552.61	552.51	551.46	125.7	150	0.68	119.557	1.3901	0.2285	1	1	1	32.7	0.011	HDPE
MH-4876	MH-4877	546.75	547.05	536.6	536.8	126	400	0.8	612.755	8.397	4.4916	9.8	9.75	9.85	51.7	0.011	HDPE
MH-4746	MH-4878	547.15	546.69	538.52	538.76	126	400	0.8	525.779	9.0649	3.6042	7.9	8.23	7.53	43.4	0.011	HDPE
MH-1979	MH-1906	587.19	588.27	586.04	587.12	127.2	150	0.63	118.495	1.3964	0.1727	1	1	1	29.1	0.011	HDPE
MH-1980	MH-1987	587.01	588.13	585.85	586.98	127.3	150	0.42	113.525	1.4266	0.0419	1	1	1	24.7	0.011	HDPE
MH-2490	MH-2326	585.88	587.14	584.73	585.99	127.3	150	0.58	101.081	1.5119	0.1034	1	1	1	31.4	0.011	HDPE
MH-1876	MH-1874	586.44	587.64	585.27	586.41	127.3	150	0.58	112.359	1.434	0.1193	1.1	1.02	1.08	36	0.011	HDPE
MH-2126	MH-2125	586.74	587.9	585.59	586.75	127.3	150	0.45	109.842	1.4503	0.0489	1	1	1	27.8	0.011	HDPE
MH-1877	MH-1875	586.18	587.41	585.03	586.13	127.3	150	0.49	114.843	1.4184	0.0687	1.1	1	1.12	35.7	0.011	HDPE
MH-4803	MH-4626	592.6	589.46	589.6	588.31	128.3	150	0.91	100	1.52	0.4966	1.9	2.85	1	42.5	0.011	HDPE
MH-4869	MH-4879	543.45	543.4	540.4	540.06	128.4	271	0.8	377.794	4.1651	1.6426	2.9	2.78	3.07	47.4	0.01	HDPE
MH-4748	MH-4863	551.73	552.09	549.65	549.52	129.2	150	0.24	1,000.00	0.4807	0.0877	2.2	1.93	2.41	30.5	0.011	HDPE
MH-4632	MH-525	584.88	582.95	582.86	581.55	131.8	400	2	100	20.7858	11.623	1.3	1.62	1	59.6	0.011	HDPE
MH-4881	MH-4882	546.5	546.8	544.99	545.29	135.4	400	0.8	466.012	9.6287	3.0586	1.1	1.11	1.11	38.6	0.011	HDPE
MH-4757	MH-4825	561.74	562.08	558.72	558.44	136.4	400	0.8	496.564	10.2606	2.5835	2.9	2.62	3.24	34.9	0.01	HDPE
MH-4357	MH-539	597.48	596.55	595.83	594.55	141.6	150	0.8	110.576	1.4455	0.3598	1.7	1.5	1.86	36.3	0.011	HDPE
MH-4883	MH-666	593.87	595.43	592.72	592.58	145.1	150	0.26	1,000.00	0.4807	0.1115	1.9	1	2.7	39.7	0.011	HDPE
MH-4884	MH-4790	548.14	548.01	546.99	546.84	145.1	150	0.34	1,000.00	0.4807	0.3114	1	1	1.02	47.6	0.011	HDPE
MH-917	MH-1191	574.7	573.92	571.64	570.72	149.7	700	2.08	162.572	72.5013	28.0643	2.4	2.36	2.5	60.6	0.011	HDPE
MH-4887	MH-4673	597.77	597.1	596.62	595.95	150.6	150	0.53	223.618	1.0165	0.2007	1	1	1	29.3	0.011	HDPE
MH-4575	MH-4888	596.71	597.49	595.56	596.34	152	150	0.5	195.845	1.0862	0.1434	1	1	1	24.3	0.011	HDPE
MH-4889	MH-4657	602.66	602.44	601.51	600.95	152.5	150	0.53	271.072	0.9232	0.2579	1.2	1	1.34	40.6	0.011	HDPE
MH-4890	MH-4891	545.4	545.64	541.98	541.32	152.5	175	0.8	229.289	1.6656	0.7727	3.7	3.24	4.15	47.4	0.01	HDPE
MH-2379	MH-532	570.82	569.85	567.72	566.6	155.8	800	2.35	138.707	112.0635	36.7596	2.4	2.3	2.45	49.7	0.011	HDPE
MH-4892	MH-4576	597.25	596.36	596.1	594.63	152.9	150	0.78	103.93	1.491	0.3121	1.3	1	1.59	33.5	0.011	HDPE
MH-4893	MH-4751	598.18	597.28	597.03	596.13	153	150	0.96	169.523	1.2842	1.0748	1	1	1	68.9	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4709	MH-4259	555.64	555.09	552.6	552.28	157.3	271	0.8	496.111	3.6346	2.498	2.7	2.77	2.54	54.8	0.01	HDPE
MH-4900	MH-4726	546.76	547.23	545.61	546.08	157.8	150	0.18	330.583	0.836	0.0093	1	1	1	20.8	0.011	HDPE
MH-4557	MH-3809	583.44	581.77	582.19	580.62	157.2	150	0.58	100	1.52	0.1038	1	1.09	1	25.2	0.011	HDPE
MH-532	MH-1873	569.85	567.66	566.6	565.26	160	800	2.52	119.489	120.7393	38.6597	2	2.45	1.6	52.5	0.011	HDPE
MH-4610	MH-1603	572.7	571.47	570.62	569.67	159.7	700	2.07	166.712	71.5952	28.5865	1.2	1.37	1.1	57.6	0.011	HDPE
MH-4901	MH-4540	546.55	546.79	545.4	545.64	160.3	150	0.24	659.361	0.592	0.0486	1	1	1	27.3	0.011	HDPE
MH-4902	MH-4807	544.2	544.5	539.88	540.3	160.4	271	0.8	384.749	4.1273	1.684	4	4.05	3.93	45	0.01	HDPE
MH-4648	MH-4867	568.52	570.73	566.92	568.54	161.9	600	2.13	100	61.2834	15.5167	1.3	1	1.6	45.5	0.011	HDPE
MH-4466	MH-2368	565.15	561.8	560.4	559.98	165.5	900	1.86	400	92.4246	72.3562	2.4	3.85	0.91	63.3	0.011	HDPE
MH-4903	MH-4904	545	545.2	541.6	542.1	166.3	217	0.8	331.671	2.4578	1.3441	3	3.18	2.88	49.9	0.01	HDPE
MH-4891	MH-4905	545.64	545.95	541.28	540.7	167.5	217	0.8	289.836	2.6292	1.0994	4.6	4.15	5.03	47.4	0.01	HDPE
MH-4906	MH-4876	546.45	546.75	536.32	536.6	170	400	0.8	619.825	8.3489	4.57	9.7	9.73	9.75	54	0.011	HDPE
MH-4808	MH-4908	544.8	544.95	540.52	541.01	174	271	0.8	355.704	4.2925	1.5191	3.8	4.01	3.67	41.5	0.01	HDPE
MH-4909	MH-4884	548.41	548.14	547.26	546.99	174.7	150	0.39	646.66	0.5977	0.2681	1	1	1	52	0.011	HDPE
MH-4868	MH-1425	571.88	575.67	570.28	572.04	175.5	600	2.12	100	61.2834	15.2577	2	1	3.03	45.3	0.011	HDPE
MH-4912	MH-4902	544	544.2	539.43	539.88	179.7	271	0.8	402.604	4.0347	1.7982	4.2	4.29	4.05	49	0.01	HDPE
MH-4908	MH-4903	544.95	545	541.01	541.55	181.7	271	0.8	338.13	4.4026	1.4202	3.4	3.67	3.18	39.6	0.01	HDPE
MH-4913	MH-4890	544.95	545.4	543.03	542.01	181.7	150	0.8	177.292	1.2557	0.5259	2.5	1.77	3.24	46	0.01	HDPE
MH-1212	MH-1427	564	565.09	560.48	560.29	186.5	900	1.17	1,000.00	57.1373	44.6148	3.3	2.62	3.89	65.3	0.011	HDPE
MH-4862	MH-4914	545.95	546.35	544.17	544.55	182.5	400	0.8	482.891	9.4589	3.2003	1.4	1.38	1.4	39.9	0.011	HDPE
MH-4915	MH-1909	594.24	591.29	591.96	590.14	182	150	0.92	100	1.52	0.5339	1.6	2.13	1	44.1	0.011	HDPE
MH-4916	MH-4627	592.88	588.87	589.31	587.47	183.3	400	1.59	100	20.7858	4.9137	2.1	3.17	1	37.5	0.011	HDPE
MH-4917	MH-4918	554.33	554.17	553.18	552.43	183.4	150	0.39	246.703	0.9677	0.0778	1.3	1	1.59	23.8	0.011	HDPE
MH-4921	MH-4846	550.44	551.13	549.29	549.98	185.8	150	0.28	269.531	0.9259	0.0301	1	1	1	20.5	0.011	HDPE
MH-4864	MH-4922	560.55	558.26	556.91	556.44	186.2	900	1.72	400	92.4246	50.3154	1.8	2.74	0.91	52.2	0.011	HDPE
MH-4791	MH-4898	548	548.04	537.83	537.51	191.7	400	0.8	597.55	8.5031	4.3169	10	9.77	10.13	49.9	0.011	HDPE
MH-1427	MH-1925	565.09	563.09	560.29	560.1	195.3	900	1.18	1,000.00	57.1373	45.6813	3	3.89	2.09	62.7	0.011	HDPE
MH-4877	MH-4923	547.05	547.45	536.8	537.13	196.5	400	0.8	605.675	8.4459	4.4102	9.9	9.85	9.92	51	0.011	HDPE
MH-4918	MH-4849	554.17	551.61	552.43	550.46	197.6	150	0.7	100	1.52	0.1981	1.3	1.59	1	26.3	0.011	HDPE
MH-4924	MH-4925	547.8	547.5	545.68	546.23	202.1	271	0.8	365.601	4.234	1.5704	1.4	1.85	1	43.9	0.01	HDPE
MH-4904	MH-4926	545.2	545.85	542.1	542.74	203.5	217	0.8	320.521	2.5001	1.2741	2.9	2.88	2.89	50.9	0.01	HDPE
MH-314	MH-4864	562.5	560.55	559.25	558.73	207	900	1.7	400	92.4246	48.5682	1.6	2.35	0.91	50.1	0.011	HDPE
MH-4780	MH-4791	548	548	538.2	537.83	207.5	400	0.8	561.705	8.7703	3.9451	9.6	9.4	9.77	48.1	0.011	HDPE
MH-4820	MH-4832	549.45	550.14	548.3	548.99	208	150	0.22	304.236	0.8715	0.015	1	1	1	10.1	0.011	HDPE
MH-4914	MH-4881	546.35	546.5	544.55	544.99	209.9	400	0.8	474.282	9.5444	3.1253	1.3	1.4	1.11	39.2	0.011	HDPE
MH-4856	MH-4913	544.8	544.95	543.24	543.03	210.2	150	0.33	1,000.00	0.4807	0.2571	1.6	1.41	1.77	49.4	0.011	HDPE
MH-4824	MH-2073	594.95	593.97	593.42	592.75	212.2	217	0.89	318.432	2.5083	2.0485	1.2	1.31	1	63.6	0.01	HDPE
MH-4927	MH-4924	547	547.8	545.15	545.68	212.5	271	0.8	402.132	4.0371	1.795	1.7	1.58	1.85	48.1	0.01	HDPE
MH-4601	MH-4928	580.37	579.13	578.24	577.53	215.6	600	1.46	302.278	35.2484	17.1107	1.3	1.53	1	48.2	0.011	HDPE
MH-4897	MH-4927	546.2	547	544.64	545.15	220.8	271	0.8	432.258	3.8938	1.9964	1.4	1.29	1.58	47	0.01	HDPE
MH-4768	MH-4829	548.47	549.2	546.59	546.37	220.9	150	0.18	1,000.00	0.4807	0.0292	2.2	1.73	2.68	18.2	0.011	HDPE
MH-4929	MH-4930	547.82	550.47	546.15	547.22	225.8	175	0.8	211.591	1.7339	0.6882	2.3	1.49	3.08	45.9	0.01	HDPE
MH-4923	MH-4898	547.45	548.04	537.13	537.51	228.4	400	0.8	599.41	8.4899	4.3376	10	9.92	10.13	50.3	0.011	HDPE
MH-4837	MH-2170	545	544.94	543.75	542.26	228.8	150	0.62	153.124	1.2284	0.2228	1.8	1.1	2.53	38.8	0.011	HDPE

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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
MH-4931	MH-1015	596.49	595.03	595.34	593.88	229.5	150	0.48	157.134	1.2126	0.0958	1	1	1	19.2	0.011	HDPE
MH-4932	MH-1014	596.77	595.18	595.62	594.03	230.4	150	0.63	144.866	1.2629	0.2224	1	1	1	29.2	0.011	HDPE
MH-4743	MH-4705	550.75	549	547.27	546.69	231.9	1,400.00	2.29	400	300.2496	159.1839	1.5	2.09	0.91	51.3	0.011	HDPE
MH-4933	MH-968	596.25	594.86	595.1	593.71	232.1	150	0.41	167.282	1.1752	0.0587	1	1	1	15.2	0.011	HDPE
MH-4936	MH-969	596.02	594.71	594.87	593.56	233.3	150	0.41	178.327	1.1383	0.0621	1	1	1	15.7	0.011	HDPE
MH-4937	MH-923	595.47	594.4	594.32	593.25	233.3	150	0.4	216.349	1.0334	0.0762	1	1	1	17.9	0.011	HDPE
MH-4938	MH-922	595.75	594.54	594.6	593.39	233.7	150	0.41	194.027	1.0912	0.0685	1	1	1	16.7	0.011	HDPE
MH-4939	MH-978	594.7	593.89	593.55	591.68	233.7	150	0.63	125.033	1.3594	0.184	1.5	1	2.07	26.1	0.011	HDPE
MH-4940	MH-1039	595.23	594.22	594.08	593.07	233.7	150	0.37	233.383	0.995	0.0637	1	1	1	16.5	0.011	HDPE
MH-4941	MH-977	594.96	594.06	593.81	591.7	233.7	150	0.48	110.57	1.4455	0.064	1.6	1	2.21	15.1	0.011	HDPE
MH-4942	MH-4861	545.02	545.65	543.48	543.95	236	400	0.8	496.647	9.327	3.3263	1.2	1.14	1.3	37.7	0.011	HDPE
MH-4926	MH-4929	545.85	547.82	544.67	546.15	241.9	175	0.9	163.412	1.973	0.7601	1.2	1	1.49	44.8	0.01	HDPE
MH-4879	MH-5011	543.4	543.1	540.06	539.52	239.7	271	0.8	444.546	3.8397	2.0852	3.2	3.07	3.31	50.3	0.01	HDPE
MH-4922	MH-4944	558.26	558.11	556.06	555.73	248.1	1,200.00	1.68	750	145.3641	126.6396	1.1	1	1.18	63	0.011	HDPE
MH-4850	MH-3936	550.34	546.04	547.39	544.89	250.2	150	0.82	100	1.52	0.3457	1.9	2.79	1	44.3	0.011	HDPE
MH-4905	MH-4896	545.95	546.2	540.7	539.91	255.7	217	0.8	322.945	2.4907	1.2893	5.6	5.03	6.08	51.5	0.01	HDPE
MH-4878	MH-4897	546.69	546.2	538.76	539.26	259.5	400	0.8	514.842	9.1607	3.492	7	7.53	6.54	42.8	0.011	HDPE
MH-4945	MH-4672	597.88	595.79	596.73	594.52	261.1	150	0.66	118.368	1.3971	0.1965	1.1	1	1.12	26.8	0.011	HDPE
MH-2320	MH-4335	581.78	574.94	576.08	573.34	273.5	600	2.35	100	61.2834	22.4593	3	5.1	1	48.3	0.011	HDPE
MH-4874	MH-4885	548.61	548.74	547.21	546.7	271.6	400	0.8	534.143	9.8931	2.84	1.3	1	1.63	36.5	0.01	HDPE
MH-4930	MH-4946	550.47	551.78	547.22	548.65	274.5	175	0.8	191.551	1.8223	0.5993	3	3.08	2.95	43.1	0.01	HDPE
MH-4944	MH-3516	558.11	556.11	554.78	553.99	315.3	1,200.00	2.17	400	199.048	129.4163	1.5	2.13	0.91	57.3	0.011	HDPE
MH-906	MH-4949	567.67	567	565.77	564.19	324.6	900	2.38	204.908	126.2235	67.8161	1.5	1	1.91	62.2	0.011	HDPE
MH-4950	MH-4873	552.3	549.37	551.08	548.15	325.1	217	1.41	110.81	4.2521	2.5173	1	1	1	68.1	0.01	HDPE
MH-4949	MH-4466	567	565.15	564.19	563.33	341.1	900	1.86	400	92.4246	72.004	1.4	1.91	0.91	63.1	0.011	HDPE
MH-4899	MH-4828	547.87	547.1	546.23	545.61	339.1	400	0.8	554.449	9.7102	2.9774	1.2	1.24	1.08	37.7	0.01	HDPE
MH-2333	MH-4777	575.48	570.04	571.94	568.34	360	700	2.25	100	92.4417	19.7587	1.9	2.85	1	36.6	0.011	HDPE
MH-1362	MH-2320	586.3	581.78	583.13	580.5	354.6	271	1.42	134.818	6.9723	3.4656	1.9	2.9	1	54	0.01	HDPE
MH-4946	MH-4865	551.78	554.49	548.68	553.34	513.6	150	0.8	110.199	1.448	0.3584	2	2.95	1	36.2	0.011	HDPE
MH-2368	MH-4922	561.8	558.26	559.09	556.36	658.7	900	2.29	240.966	116.3971	75.7237	1.4	1.81	1	59.6	0.011	HDPE
MH-3516	MH-4767	556.11	551.32	552.3	549.12	1,075.70	1,200.00	2.37	338.405	211.5296	143.983	1.8	2.6	1	59.3	0.011	HDPE
MH-1909	MH-4920	591.29	594.06	590.14	591.98	183.4	150	0.9	100	1.52	0.4855	1.5	1	1.93	41.9	0.011	HDPE
MH-1991	MH-4387	589.61	589.45	588.46	588.3	24.8	150	0.63	154.305	1.2237	0.2414	1	1	1	30.7	0.011	HDPE
MH-2085	MH-3321	589.5	589.4	588.35	588.25	26.6	150	0.51	265.176	0.9334	0.2201	1	1	1	31.4	0.011	HDPE
MH-4210	MH-4926	545.98	545.85	543.01	542.81	33.6	150	0.8	165.276	1.3006	0.4771	2.9	2.83	2.89	43.3	0.01	HDPE
MH-4179	MH-4388	544.58	544.6	543.41	543.36	46.2	150	0.16	1,000.00	0.4807	0.023	1.1	1.02	1.09	12.1	0.011	HDPE
MH-4509	MH-4953	543.76	543.69	542.44	542.46	27.6	150	0.31	1,000.00	0.4807	0.1997	1.1	1.17	1.07	44.8	0.011	HDPE
MH-4953	MH-4646	543.69	543.63	542.46	542.48	19.8	150	0.27	1,000.00	0.4807	0.1328	1	1.07	1	41.4	0.011	HDPE
MH-4469	MH-4953	544	543.69	542.81	542.46	43.6	150	0.46	125.695	1.3558	0.0653	1.1	1.04	1.07	30.3	0.011	HDPE
MH-4646	MH-4954	543.63	543.76	542.48	542.61	39.9	150	0.41	321.272	0.848	0.1305	1	1	1	32.3	0.011	HDPE
MH-4954	MH-4588	543.76	543.81	542.61	542.66	15.4	150	0.4	321.272	0.848	0.1233	1	1	1	25.9	0.011	HDPE
MH-4910	MH-4954	546.37	543.76	544.4	542.61	178.5	150	0.22	100	1.52	0.0045	1.4	1.83	1	15.2	0.011	HDPE
MH-2227	MH-4131	545.61	545.71	544.29	544.26	31.2	150	0.1	1,000.00	0.4807	0.0039	1.2	1.17	1.3	7.9	0.011	HDPE
MH-2412	MH-4131	545.87	545.71	544.72	544.56	29	150	0.22	182.117	1.1264	0.0083	1	1	1	5.9	0.011	HDPE

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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
MH-1408	MH-4955	547.85	547.79	545.98	545.96	14	150	0.3	1,000.00	0.4807	0.1799	1.7	1.73	1.68	42.1	0.011	HDPE
MH-4955	MH-4142	547.79	547.72	545.96	545.94	17.5	150	0.3	1,000.00	0.4807	0.182	1.7	1.68	1.62	42.4	0.011	HDPE
MH-4882	MH-4828	546.8	547.1	545.29	545.61	152.2	400	0.8	462.206	9.6683	3.014	1.1	1.11	1.08	38.1	0.011	HDPE
MH-4956	MH-4899	547.99	547.87	546.43	546.23	109.7	400	0.8	543.51	9.8074	2.9105	1.2	1.16	1.24	37.2	0.01	HDPE
MH-4885	MH-4956	548.74	547.99	546.7	546.43	150.2	400	0.8	541.7	9.8238	2.8965	1.4	1.63	1.16	36.8	0.01	HDPE
MH-4395	MH-4957	547.8	548.01	538.33	538.3	13.8	400	0.8	534.518	8.9905	3.6858	9.2	9.07	9.31	45.6	0.011	HDPE
MH-4957	MH-4780	548.01	548	538.3	538.2	58.5	400	0.8	560.158	8.7824	3.9295	9.4	9.31	9.4	46.3	0.011	HDPE
MH-4499	MH-4957	546.8	548.01	544.74	544.71	39.7	150	0.32	1,000.00	0.4807	0.2425	2.5	1.91	3.15	40.6	0.011	HDPE
MH-1070	MH-2238	547.3	547.35	545.92	545.89	28.3	150	0.11	1,000.00	0.4807	0.0066	1.3	1.23	1.31	31.8	0.011	HDPE
MH-177	MH-4278	548.55	548.54	547.12	547.06	10.7	150	0.24	198.396	1.0792	0.0122	1.3	1.29	1.33	23.5	0.011	HDPE
MH-1787	MH-4177	549.74	549.75	547.94	547.91	34.5	150	0.11	1,000.00	0.4807	0.0056	1.7	1.65	1.69	45	0.011	HDPE
MH-1349	MH-4523	549.2	549	547.81	547.78	29.6	150	0.23	1,000.00	0.4807	0.0673	1.2	1.24	1.07	20.7	0.011	HDPE
MH-4552	MH-4789	552.48	550.21	551.33	549.06	232.5	150	0.79	102.285	1.503	0.3177	1	1	1	41.9	0.011	HDPE
MH-4761	MH-4784	549.49	549.38	548.34	548.23	14	150	0.89	136.389	1.4317	0.5435	1	1	1	55.1	0.01	HDPE
MH-4784	MH-4523	549.38	549	548.23	547.78	52.3	150	1.06	116.523	1.5489	0.8727	1	1	1.07	57.4	0.01	HDPE
MH-2426	MH-4690	549.85	550.06	548.48	548.45	34.5	150	0.18	1,000.00	0.4807	0.0317	1.3	1.22	1.46	36.6	0.011	HDPE
MH-4690	MH-4696	550.06	549.99	548.45	548.44	7.9	150	0.33	1,000.00	0.4807	0.2657	1.4	1.46	1.4	44.8	0.011	HDPE
MH-4696	MH-4784	549.99	549.38	548.44	548.23	67.5	150	0.52	332.551	0.8335	0.3162	1.2	1.4	1	52.1	0.011	HDPE
MH-1283	MH-4689	550.47	550.66	549.15	549.12	33.4	150	0.25	1,000.00	0.4807	0.0989	1.3	1.17	1.39	34.1	0.011	HDPE
MH-4689	MH-4643	550.66	550.43	549.12	549.1	19.7	150	0.28	1,000.00	0.4807	0.1519	1.3	1.39	1.17	34	0.011	HDPE
MH-4643	MH-4690	550.43	550.06	549.1	548.91	30.5	150	0.62	158.965	1.2056	0.2275	1.1	1.17	1	29.9	0.011	HDPE
MH-4457	MH-4759	552.2	551.81	551.05	550.66	39.6	150	0.49	102.043	1.5047	0.0596	1	1	1	14.5	0.011	HDPE
MH-957	MH-1356	555.94	555.89	552.83	552.78	18.1	271	0.8	370.455	4.2061	1.5969	2.8	2.84	2.84	45.5	0.01	HDPE
MH-1356	MH-1667	555.89	555.83	552.78	552.73	23.9	271	0.8	422.385	3.9391	1.9282	2.8	2.84	2.84	50.4	0.01	HDPE
MH-2089	MH-1525	555.75	555.71	554.14	554.12	25.7	150	0.15	1,000.00	0.4807	0.0186	1.4	1.46	1.44	11	0.011	HDPE
MH-4271	MH-1108	555.26	555.36	554.11	553.79	32.6	150	0.35	101.484	1.5089	0.0185	1.2	1	1.41	24	0.011	HDPE
MH-4321	MH-2313	562.21	562.9	559.68	559.65	37.1	150	0.26	1,000.00	0.4807	0.1062	2.7	2.38	3.1	26.2	0.011	HDPE
MH-2313	MH-2174	562.9	562.92	557.91	557.87	30	400	0.8	728.461	7.7013	6.0527	4.6	4.59	4.65	58.2	0.011	HDPE
MH-2145	MH-2303	562.22	562.84	559.54	559.28	33.9	150	0.8	130.136	1.3324	0.4458	3	2.53	3.42	41.4	0.011	HDPE
MH-2313	MH-2303	562.9	562.84	557.91	557.93	15.6	400	0.8	708.75	7.8076	5.737	4.5	4.59	4.51	61.9	0.011	HDPE
MH-2303	MH-2406	562.84	562.8	557.93	557.96	15.5	400	0.8	666.445	8.0516	5.1388	4.5	4.51	4.45	61.3	0.011	HDPE
MH-4826	MH-4405	562.37	562.38	558.28	558.22	33.9	400	0.8	551.928	8.8476	3.8581	3.7	3.7	3.76	46.3	0.011	HDPE
MH-4766	MH-4757	561.41	561.74	559	558.85	72.8	271	0.8	464.279	3.7572	2.2315	2.4	2.13	2.62	50.7	0.01	HDPE
MH-4848	MH-4616	561.68	561	559.95	559.4	106	175	0.8	193.393	1.8136	0.6068	1.5	1.55	1.43	40.6	0.01	HDPE
MH-4773	MH-4616	562.39	561	560.73	559.85	87.1	150	1.13	100	1.672	0.8777	1.3	1.52	1	56.4	0.01	HDPE
MH-4724	MH-4786	565.15	564.4	564	563.25	106.9	150	0.38	141.495	1.2778	0.0394	1	1	1	23.5	0.011	HDPE
MH-4860	MH-4229	562.78	562.79	558.03	557.99	19.8	400	0.8	578.38	8.6429	4.1152	4.4	4.36	4.4	56.5	0.011	HDPE
MH-4229	MH-2406	562.79	562.8	557.99	557.96	23.3	400	0.8	663.949	8.0668	5.1065	4.4	4.4	4.45	59.7	0.011	HDPE
MH-1073	MH-1420	565.3	565.61	562.26	562.35	21	175	0.8	233.739	1.6497	0.7939	3	2.86	3.09	48.2	0.01	HDPE
MH-427	MH-1454	565.34	565.6	562.5	562.49	13.5	150	0.28	1,000.00	0.4807	0.1467	2.8	2.69	2.96	33.5	0.011	HDPE
MH-3026	MH-3326	563.52	563.49	562.37	562.34	17.8	150	0.33	715.138	0.5684	0.1747	1	1	1	32.2	0.011	HDPE
MH-2091	MH-117	560.88	561.67	557.68	557.73	43	450	0.8	827.937	9.8895	7.2397	3.1	2.75	3.49	60.2	0.011	HDPE
MH-117	MH-4683	561.67	561.92	557.73	557.75	13.6	450	0.8	798.655	10.0692	6.7787	3.6	3.49	3.72	60.9	0.011	HDPE
MH-2820	MH-2091	560.97	560.88	559.15	559.1	21.4	271	0.8	464.59	3.7559	2.234	1.5	1.55	1.5	50.7	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4037	MH-1156	564.85	564.87	563.57	563.54	32.5	150	0.23	1,000.00	0.4807	0.0706	1.2	1.13	1.18	49.6	0.011	HDPE
MH-4566	MH-3346	564.39	563.6	562.87	562.45	42	150	0.44	100	1.52	0.0414	1.2	1.37	1	20.7	0.011	HDPE
MH-3346	MH-4578	563.6	563.62	562.45	562.47	15.9	150	0.22	1,000.00	0.4807	0.0603	1	1	1	26.9	0.011	HDPE
MH-4578	MH-202	563.62	563.64	562.47	562.49	19.3	150	0.14	988.569	0.4834	0.0132	1	1	1	19.2	0.011	HDPE
MH-3160	MH-3191	567.58	567.06	566.14	565.89	25.4	175	1.09	100	2.5221	0.7855	1.1	1.26	1	42.9	0.01	HDPE
MH-3191	MH-4620	567.06	566.64	565.7	565.47	25.6	175	1.11	112.007	2.3831	0.9698	1.1	1.19	1	48.6	0.01	HDPE
MH-474	MH-4186	571.24	571.78	570.09	570.07	16.1	150	0.11	1,000.00	0.4807	0.0059	1.3	1	1.55	7.4	0.011	HDPE
MH-505	MH-44	575.16	575.14	572.94	572.96	15.3	150	0.23	1,000.00	0.4807	0.0767	2	2.07	2.03	27.7	0.011	HDPE
MH-4288	MH-1693	574.77	573.92	573.06	572.77	29.4	150	0.62	100	1.52	0.1351	1.3	1.56	1	38.8	0.011	HDPE
MH-4708	MH-1970	562.54	561.04	560.7	559.86	83.1	175	1.25	100	2.5221	1.3353	1.3	1.67	1	57.1	0.01	HDPE
MH-1970	MH-4864	561.04	560.55	559.64	559.37	27.1	175	1.31	100	2.5221	1.621	1.1	1.22	1	63.7	0.01	HDPE
MH-1544	MH-4559	571.7	571.21	570.28	570.06	22.1	150	1.09	100	1.672	0.7694	1.1	1.27	1	52.5	0.01	HDPE
MH-4559	MH-2161	571.21	570.91	569.42	569.33	13.3	217	0.9	165.569	3.4786	0.7975	1.5	1.58	1.36	37	0.01	HDPE
MH-2911	MH-2254	567.3	567.21	566.15	566.06	11.9	150	0.42	134.487	1.3107	0.0495	1	1	1	13.6	0.011	HDPE
MH-2254	MH-2912	567.21	567.08	566.03	565.93	18.1	150	0.53	181.83	1.1272	0.1621	1	1.03	1	27.4	0.011	HDPE
MH-2207	MH-4423	575.44	575.53	573.43	573.41	19.6	150	0.31	1,000.00	0.4807	0.2014	1.9	1.86	1.96	41.4	0.011	HDPE
MH-1372	MH-358	566.05	565.38	564.46	564.23	23.1	150	0.27	100	1.52	0.0079	1.2	1.44	1	9.7	0.011	HDPE
MH-825	MH-214	565.4	565.15	563.03	563.02	15.5	150	0.26	1,000.00	0.4807	0.1169	2.1	2.22	1.99	27.1	0.011	HDPE
MH-214	MH-159	565.15	564.92	562.46	562.44	14.5	150	0.3	1,000.00	0.4807	0.1753	2.4	2.55	2.33	39.7	0.011	HDPE
MH-1989	MH-1652	567.1	566.38	565.52	565.2	31.7	175	1.05	100	2.5221	0.6993	1.2	1.41	1	40.3	0.01	HDPE
MH-4658	MH-4750	601.61	599.3	598.92	598.15	77.1	150	1.01	100	1.672	0.5688	1.8	2.54	1	44.6	0.01	HDPE
MH-4750	MH-4760	599.3	597.1	596.68	595.95	73.2	150	1.14	100	1.672	0.9218	1.7	2.46	1	58	0.01	HDPE
MH-4810	MH-4760	597.5	597.1	596.35	595.95	103.6	150	0.44	261.016	0.9408	0.1262	1	1	1	23.6	0.011	HDPE
MH-3963	MH-4526	598.54	597.86	596.99	596.71	27.4	150	1.1	100	1.52	1.0932	1.2	1.4	1	65.7	0.011	HDPE
MH-4685	MH-879	599.51	598.45	597.89	597.3	59	150	0.53	100	1.52	0.0771	1.2	1.47	1	18.4	0.011	HDPE
MH-2167	MH-4711	589.86	589.99	588.18	588.34	19	150	0.72	118.268	1.3977	0.2697	1.5	1.53	1.5	35.7	0.011	HDPE
MH-4711	MH-2168	589.99	590.05	588.34	588.35	7.8	150	0.32	1,000.00	0.4807	0.2324	1.5	1.5	1.55	38.5	0.011	HDPE
MH-4796	MH-2167	589.43	589.86	588.28	588.18	98.3	150	0.21	1,000.00	0.4807	0.0508	1.3	1	1.53	29.8	0.011	HDPE
MH-1875	MH-4814	587.41	587.3	586.13	586.15	12.3	150	0.2	1,000.00	0.4807	0.0457	1.1	1.12	1	18.5	0.011	HDPE
MH-1874	MH-4817	587.64	587.57	586.41	586.42	7.9	150	0.25	1,000.00	0.4807	0.0918	1	1.08	1	24.9	0.011	HDPE
MH-4702	MH-4618	584.38	584.13	583.16	582.98	17.8	150	0.82	100	1.52	0.3454	1	1.07	1	35.1	0.011	HDPE
MH-4618	MH-3213	584.13	583.62	582.83	582.47	36.2	150	0.89	100	1.52	0.4653	1.1	1.15	1	41	0.011	HDPE
MH-1723	MH-4928	579.08	579.13	575.65	575.67	23.6	600	0.92	1,000.00	19.3795	17.3982	2.8	2.83	2.86	72.8	0.011	HDPE
MH-3760	MH-4928	579.57	579.13	576.16	576.12	34.1	150	0.33	1,000.00	0.4807	0.2558	3.1	3.26	2.86	41.6	0.011	HDPE
MH-748	MH-2332	575.96	575.76	573.99	573.98	14.6	700	0.96	1,000.00	29.2326	19.6478	1.2	1.26	1.08	46.2	0.011	HDPE
MH-1685	MH-4949	567	567	565.58	565.52	30.3	400	0.8	486.207	9.4266	3.2298	1.1	1.02	1.08	37	0.011	HDPE
MH-1865	MH-4949	567	567	565.35	565.29	15.7	217	0.8	256.331	2.7957	0.9349	1.5	1.43	1.5	39.5	0.01	HDPE
MH-1329	MH-1921	585.26	585.32	583.03	583.04	18.8	700	0.97	1,000.00	29.2326	20.5039	1.6	1.53	1.58	53.6	0.011	HDPE
MH-1921	MH-1681	585.32	585.39	583.04	583.07	21.4	700	0.97	1,000.00	29.2326	20.3234	1.6	1.58	1.63	55.5	0.011	HDPE
MH-3078	MH-1313	587.37	587.51	585.74	585.69	50.1	150	0.26	1,000.00	0.4807	0.1077	1.6	1.49	1.67	35	0.011	HDPE
MH-3230	MH-2414	581.62	581.33	580.47	580.18	32.3	150	0.71	113.108	1.4292	0.2454	1	1	1	29.8	0.011	HDPE
MH-3492	MH-4072	580	580	578.82	578.81	11.7	150	0.14	1,000.00	0.4807	0.0124	1	1.03	1.04	9	0.011	HDPE
MH-4072	MH-3696	580	580	576.61	576.59	18.6	150	0.2	1,000.00	0.4807	0.0412	3.2	3.24	3.26	20	0.011	HDPE
MH-3696	MH-2291	580	579.6	576.59	576.57	19.4	150	0.2	1,000.00	0.4807	0.0447	3.1	3.26	2.88	16.9	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-2291	MH-2543	579.6	579.31	573.95	573.93	14.4	150	0.3	1,000.00	0.4807	0.1806	5.4	5.51	5.23	44.2	0.011	HDPE
MH-2391	MH-1810	569.85	569.56	568.62	568.41	21.1	150	0.47	100	1.52	0.0501	1	1.08	1	13.3	0.011	HDPE
MH-4777	MH-4654	570.04	569.29	567.7	567.59	47.1	700	1.38	423.016	44.9458	23.0841	1.3	1.64	1	48	0.011	HDPE
MH-4654	MH-906	569.29	567.67	566.98	565.97	101	700	2.36	100	92.4417	23.3238	1.3	1.61	1	39.9	0.011	HDPE
MH-1830	MH-1894	579	580.17	577.85	577.72	13.6	150	0.49	106.603	1.4722	0.0643	1.6	1	2.3	16.6	0.011	HDPE
MH-3640	MH-3770	577.8	577.29	573.8	573.78	14.9	150	0.33	1,000.00	0.4807	0.2858	3.6	3.85	3.36	42.7	0.011	HDPE
MH-3770	MH-3641	577.29	576.77	572.98	572.86	15.4	150	0.8	126.201	1.3531	0.4287	4	4.16	3.76	42.9	0.011	HDPE
MH-3641	MH-3757	576.77	576.33	572.86	572.75	14.3	150	0.8	128.192	1.3425	0.4372	3.6	3.76	3.43	40.9	0.011	HDPE
MH-3757	MH-3659	576.33	575.82	572.65	572.56	16	150	0.8	174.564	1.2655	0.5146	3.3	3.53	3.12	47.2	0.01	HDPE
MH-3659	MH-3569	575.82	575.39	572.56	572.47	15.1	150	0.8	176.939	1.257	0.5243	2.9	3.12	2.76	45.9	0.01	HDPE
MH-3569	MH-4074	575.39	574.93	572.33	572.24	15.9	175	0.8	192.59	1.8174	0.6035	2.7	2.89	2.51	42.1	0.01	HDPE
MH-1203	MH-1898	589.61	589.72	588.46	588.26	24.2	150	0.8	124.332	1.3632	0.4211	1.2	1.01	1.31	40	0.011	HDPE
MH-2496	MH-372	589.8	589.49	588.65	588.34	34.6	150	0.55	112.067	1.4359	0.1002	1	1	1	18.9	0.011	HDPE
MH-2477	MH-786	590.24	589.64	588.84	588.49	35.1	150	0.89	100	1.52	0.4705	1.1	1.25	1	41.3	0.011	HDPE
MH-4838	MH-1340	588.65	589.1	587.5	587.72	22.6	150	0.85	100	1.52	0.3872	1.1	1	1.23	50.9	0.011	HDPE
MH-1340	MH-935	589.1	589.91	587.95	588.35	39.9	150	0.82	100	1.52	0.34	1.2	1	1.41	34.8	0.011	HDPE
MH-935	MH-973	589.91	590.63	588.76	589.11	35.5	150	0.77	100	1.52	0.2813	1.2	1	1.36	31.5	0.011	HDPE
MH-973	MH-1096	590.63	591.22	589.48	589.77	29.4	150	0.71	100	1.52	0.2126	1.2	1	1.3	27.3	0.011	HDPE
MH-1096	MH-992	591.22	591.83	590.07	590.37	30.3	150	0.65	100	1.52	0.1576	1.2	1	1.31	23.5	0.011	HDPE
MH-992	MH-1068	591.83	592.37	590.68	590.95	26.8	150	0.6	100	1.52	0.1179	1.1	1	1.28	20.3	0.011	HDPE
MH-1068	MH-4934	592.37	593.34	591.22	591.7	47.8	150	0.45	100	1.52	0.0438	1.2	1	1.49	12.4	0.011	HDPE
MH-4263	MH-2070	593.32	592.91	592.17	591.76	44.6	150	0.86	108.951	1.4562	0.458	1	1	1	41.1	0.011	HDPE
MH-4947	MH-4150	594.42	591.86	591.83	590.71	111.9	150	0.62	100	1.52	0.1328	1.7	2.45	1	21.5	0.011	HDPE
MH-4477	MH-1407	588.77	588	587.19	586.85	33.5	150	1.16	100	1.52	1.4627	1.2	1.43	1	78.6	0.011	HDPE
MH-4150	MH-4590	591.86	590.87	590.15	589.72	43	150	1.01	100	1.52	0.7441	1.3	1.56	1	52.9	0.011	HDPE
MH-4590	MH-4477	590.87	588.77	588.53	587.62	91.9	150	1.14	100	1.52	1.2804	1.6	2.19	1	72.2	0.011	HDPE
MH-1498	MH-4589	591.78	591.28	590.47	590.13	34.9	150	0.89	100	1.52	0.4565	1.1	1.15	1	40.6	0.011	HDPE
MH-4127	MH-4461	593.18	592.37	591.56	591.22	33.8	150	0.54	100	1.52	0.0827	1.2	1.48	1	17	0.011	HDPE
MH-4461	MH-1498	592.37	591.78	591.09	590.63	46.6	150	0.82	100	1.52	0.3523	1.1	1.12	1	35.4	0.011	HDPE
MH-727	MH-1941	588.05	588.71	586.52	586.41	55.9	400	0.8	477.683	9.5103	3.1546	1.5	1.13	1.9	41.7	0.011	HDPE
MH-1941	MH-1293	588.71	589.01	586.41	586.36	25.2	400	0.8	541.665	8.931	3.7537	2.1	1.9	2.25	40.6	0.011	HDPE
MH-4099	MH-1293	588.68	589.01	587.53	587.21	31.9	150	0.8	100.122	1.5191	0.3199	1.3	1	1.65	33.8	0.011	HDPE
MH-4518	MH-1940	588.77	588.46	587.62	587.31	40.2	150	0.49	131.917	1.3234	0.0808	1	1	1	24	0.011	HDPE
MH-2356	MH-1379	588.85	588.61	587.7	587.46	52.5	150	0.31	218.116	1.0292	0.0336	1	1	1	11.9	0.011	HDPE
MH-2027	MH-1379	588.29	588.61	587.12	587.08	31.4	150	0.2	759.841	0.5514	0.0302	1.2	1.02	1.38	22.4	0.011	HDPE
MH-722	MH-1556	588.27	588.66	586.94	586.91	37.3	150	0.2	1,000.00	0.4807	0.0425	1.4	1.18	1.61	26.9	0.011	HDPE
MH-1642	MH-1556	588.83	588.66	587.68	587.51	41.4	150	0.31	257.356	0.9475	0.0403	1	1	1	13.3	0.011	HDPE
MH-1804	MH-4042	589.12	589.27	586.1	586.06	29.2	400	0.8	671.959	8.0185	5.2084	2.7	2.62	2.81	62.2	0.011	HDPE
MH-4042	MH-4285	589.27	589.37	586.06	586.03	21.1	400	0.8	701.82	7.8461	5.6316	2.9	2.81	2.94	64.2	0.011	HDPE
MH-4285	MH-3763	589.37	589.48	586.03	585.99	25.7	400	0.8	713.085	7.7839	5.7841	3	2.94	3.09	65.3	0.011	HDPE
MH-3763	MH-4481	589.48	589.57	585.99	585.97	19.8	400	0.8	730.515	7.6905	6.0951	3.1	3.09	3.21	65.8	0.011	HDPE
MH-4481	MH-2028	589.57	589.81	585.97	585.9	47.9	400	0.8	742.725	7.627	6.316	3.4	3.21	3.51	62.7	0.011	HDPE
MH-3912	MH-1560	589.59	589.57	588.27	588.24	23.3	150	0.23	1,000.00	0.4807	0.0752	1.2	1.17	1.18	21.9	0.011	HDPE
MH-3722	MH-2028	589.74	589.81	588.59	588.56	31.8	150	0.32	1,000.00	0.4807	0.234	1.1	1	1.1	39.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4515	MH-696	589.11	589.15	587.87	587.84	31.5	150	0.18	1,000.00	0.4807	0.03	1.1	1.09	1.15	13.8	0.011	HDPE
MH-696	MH-4225	589.15	589.17	588	588.02	19.1	150	0.21	895.225	0.508	0.0474	1	1	1	17.1	0.011	HDPE
MH-4547	MH-697	589.04	589.08	587.81	587.78	28.7	150	0.2	1,000.00	0.4807	0.0479	1.1	1.08	1.14	17.5	0.011	HDPE
MH-697	MH-4290	589.08	589.1	587.93	587.95	19.4	150	0.23	837.609	0.5252	0.0585	1	1	1	18.8	0.011	HDPE
MH-1780	MH-563	589.1	589.07	587.82	587.8	19.2	150	0.21	1,000.00	0.4807	0.0559	1.1	1.13	1.12	18.9	0.011	HDPE
MH-4065	MH-563	589.26	589.07	588.07	587.92	36.2	150	0.34	241.021	0.9791	0.049	1	1.04	1	14.5	0.011	HDPE
MH-658	MH-2320	582.02	581.78	580.83	580.63	34	150	0.61	168.637	1.1705	0.2385	1	1.04	1	30.9	0.011	HDPE
MH-215	MH-1218	576.46	575.52	574.69	574.37	32.6	150	1.26	100	1.672	1.4531	1.3	1.62	1	75.4	0.01	HDPE
MH-999	MH-215	577.64	576.46	575.77	575.31	45.8	150	1.25	100	1.672	1.376	1.4	1.73	1	72.9	0.01	HDPE
MH-3611	MH-3874	578.62	578	577.14	576.85	28.8	150	0.82	100	1.52	0.3479	1.2	1.33	1	35.2	0.011	HDPE
MH-3835	MH-274	589.91	589.79	588.76	588.64	31	150	0.48	266.13	0.9318	0.1841	1	1	1	28.7	0.011	HDPE
MH-4960	MH-860	587.69	587.38	585.1	585.08	17	600	0.85	1,000.00	19.3795	12.1671	1.8	1.99	1.7	46.3	0.011	HDPE
MH-3533	MH-4960	587.63	587.69	585.7	585.52	36	175	0.8	204.059	1.7656	0.6547	1.9	1.76	1.99	42.6	0.01	HDPE
MH-1332	MH-4961	589.32	588.66	585.72	585.69	36.7	500	0.81	1,000.00	11.9177	10.9329	2.8	3.1	2.47	56.8	0.011	HDPE
MH-4961	MH-4960	588.66	587.69	585.69	585.2	54	500	1.91	110.629	35.831	11.4756	2.2	2.47	1.99	43.9	0.011	HDPE
MH-411	MH-4961	588.99	588.66	587.22	587.14	13.9	150	0.8	176.529	1.2584	0.5227	1.5	1.62	1.37	45.8	0.01	HDPE
MH-4152	MH-515	589.92	589.74	587.99	587.78	35.1	150	0.8	173.426	1.2697	0.5101	1.8	1.78	1.8	45.1	0.01	HDPE
MH-834	MH-4066	588.39	587.83	587.05	586.68	36.9	150	0.7	100	1.52	0.197	1.1	1.2	1	30.1	0.011	HDPE
MH-2018	MH-3533	587.9	587.63	585.85	585.7	28.4	175	0.8	185.612	1.8512	0.5763	1.8	1.87	1.76	42.1	0.01	HDPE
MH-2345	MH-1354	589.32	589.11	588.17	587.96	22.6	150	0.54	107.802	1.464	0.092	1	1	1	25	0.011	HDPE
MH-4607	MH-4597	586.86	588.08	585.71	586.24	53	150	0.58	100	1.52	0.1057	1.3	1	1.69	19.2	0.011	HDPE
MH-4609	MH-4597	589.76	588.08	588.07	586.93	114.6	150	0.53	100	1.52	0.0761	1.3	1.54	1	16.3	0.011	HDPE
MH-1689	MH-4598	586.87	587.6	585.62	585.64	22.6	150	0.27	1,000.00	0.4807	0.1286	1.5	1.1	1.81	28.8	0.011	HDPE
MH-2217	MH-4598	588.24	587.6	586.72	586.45	27.4	150	0.57	100	1.52	0.0971	1.2	1.37	1	18.4	0.011	HDPE
MH-3495	MH-2240	589.72	589.76	588.57	588.55	16.8	150	0.2	1,000.00	0.4807	0.0474	1	1	1.06	48.9	0.011	HDPE
MH-2240	MH-3496	589.76	589.79	588.55	588.54	13.2	150	0.33	1,000.00	0.4807	0.2666	1.1	1.06	1.1	55	0.011	HDPE
MH-466	MH-3758	585.71	585.18	584.37	584.03	33.1	150	1.01	100	1.672	0.5719	1.1	1.19	1	44.7	0.01	HDPE
MH-773	MH-3710	586.31	586.16	585.16	585.01	39.8	150	0.46	257.354	0.9475	0.1482	1	1	1	26.6	0.011	HDPE
MH-326	MH-2488	588.27	587.4	586.57	586.25	32.4	150	1.03	100	1.672	0.626	1.3	1.55	1	46.9	0.01	HDPE
MH-76	MH-91	589.19	589.11	588.04	587.96	26.3	150	0.47	303.513	0.8725	0.1961	1	1	1	37.3	0.011	HDPE
MH-1794	MH-91	589.22	589.11	588.07	587.96	28	150	0.52	244.51	0.9721	0.2093	1	1	1	37	0.011	HDPE
MH-2152	MH-1399	586.93	586.82	584.72	584.7	14	150	0.26	1,000.00	0.4807	0.1176	2	2.06	1.96	27.1	0.011	HDPE
MH-1399	MH-3967	586.82	586.67	584.41	584.39	18.6	150	0.32	1,000.00	0.4807	0.2395	2.2	2.26	2.13	39.3	0.011	HDPE
MH-400	MH-3967	586.39	586.67	584.09	584.06	32	150	0.24	1,000.00	0.4807	0.0817	2.3	2.16	2.47	34.4	0.011	HDPE
MH-4144	MH-3967	587.56	586.67	585.86	585.52	34.2	150	0.42	100	1.52	0.0357	1.3	1.54	1	11.2	0.011	HDPE
MH-1222	MH-3968	586.46	586.42	583.75	583.73	19.2	150	0.25	1,000.00	0.4807	0.1022	2.6	2.56	2.55	29.9	0.011	HDPE
MH-4084	MH-3968	587.4	586.42	585.61	585.27	33.9	150	0.42	100	1.52	0.036	1.3	1.64	1	11.3	0.011	HDPE
MH-3968	MH-1737	586.42	586.29	583.7	583.59	19.4	175	0.8	175.035	1.9064	0.5368	2.5	2.55	2.53	37.6	0.01	HDPE
MH-1737	MH-4027	586.29	586.16	583.36	583.18	20.4	175	1.02	111.791	2.3854	0.722	2.8	2.76	2.8	41.5	0.01	HDPE
MH-1871	MH-4027	586.11	586.16	583.23	583.2	26	150	0.26	1,000.00	0.4807	0.11	2.8	2.73	2.8	26.6	0.011	HDPE
MH-3958	MH-4027	587.09	586.16	585.37	585.01	36	150	0.43	100	1.52	0.0394	1.3	1.57	1	11.8	0.011	HDPE
MH-1722	MH-3756	585.95	585.93	583.08	583.06	27.7	150	0.26	1,000.00	0.4807	0.118	2.7	2.72	2.72	27.6	0.011	HDPE
MH-3985	MH-3756	586.92	585.93	585.13	584.78	35.2	150	0.42	100	1.52	0.0369	1.3	1.64	1	11.4	0.011	HDPE
MH-1975	MH-1884	585.79	585.81	582.99	582.96	22.7	150	0.25	1,000.00	0.4807	0.0962	2.7	2.65	2.69	27.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-3756	MH-1884	585.93	585.81	582.99	582.9	19.9	217	0.89	214.669	3.055	1.0725	2.7	2.72	2.69	45.5	0.01	HDPE
MH-1884	MH-2063	585.81	585.68	582.9	582.84	19.6	217	0.8	312.553	2.5318	1.2276	2.7	2.69	2.63	47.1	0.01	HDPE
MH-2104	MH-2063	585.63	585.68	582.7	582.68	19	150	0.3	1,000.00	0.4807	0.1781	2.8	2.79	2.85	33.7	0.011	HDPE
MH-3870	MH-2063	586.66	585.68	584.91	584.53	37.9	150	0.4	100	1.52	0.0313	1.3	1.59	1	10.5	0.011	HDPE
MH-4528	MH-2281	588.86	586.11	585.74	584.96	77.7	150	0.89	100	1.52	0.4653	2	2.97	1	41	0.011	HDPE
MH-1213	MH-1588	576.09	575.73	574.78	574.58	19.4	150	0.63	100	1.52	0.1389	1.1	1.16	1	22	0.011	HDPE
MH-2490	MH-4631	585.88	585.52	584.7	584.37	33.1	150	1.12	100	1.672	0.8527	1	1.03	1	55.5	0.01	HDPE
MH-2414	MH-3274	581.33	580.81	579.32	579.11	21.3	700	2.38	100	92.4417	24.337	1.2	1.31	1	41.4	0.011	HDPE
MH-2415	MH-3275	580.65	580.08	579.16	578.93	23.3	150	1.05	100	1.52	0.8823	1.2	1.34	1	58.1	0.011	HDPE
MH-2436	MH-1270	579.59	580.42	578.44	578.94	50.7	150	0.61	100	1.52	0.1236	1.2	1	1.33	20.8	0.011	HDPE
MH-1797	MH-4314	580.58	580.47	578.76	578.66	43.9	600	1.25	411.322	30.217	14.6799	1.2	1.21	1.21	56.7	0.011	HDPE
MH-4314	MH-4601	580.47	580.37	578.66	578.62	38.4	600	0.91	1,000.00	19.3795	16.9514	1.2	1.21	1.15	54.9	0.011	HDPE
MH-4444	MH-4655	581.06	580.79	579.5	579.57	18.2	217	0.8	260.424	2.7736	0.9549	1.2	1.35	1	49.4	0.01	HDPE
MH-2223	MH-1843	578.03	578.38	575.63	575.41	28.8	150	0.8	130.875	1.3287	0.4492	2.5	2.24	2.81	41.6	0.011	HDPE
MH-30	MH-2900	581.77	581.65	580.62	580.5	17.9	150	0.34	158.919	1.2058	0.0314	1	1	1	11.1	0.011	HDPE
MH-4245	MH-2971	580.67	580.95	579.52	579.49	27.8	150	0.13	1,000.00	0.4807	0.0115	1.2	1	1.3	51.5	0.011	HDPE
MH-2981	MH-3001	581.01	580.58	579.71	579.43	27.4	150	0.56	100	1.52	0.0954	1.1	1.15	1	18.2	0.011	HDPE
MH-2895	MH-2973	580.43	580.01	579.18	578.86	31.3	150	0.68	100	1.52	0.1786	1	1.1	1	25	0.011	HDPE
MH-918	MH-2100	579.08	579.15	577.93	577.83	18.6	150	0.24	177.386	1.1413	0.0116	1.1	1	1.17	35.7	0.011	HDPE
MH-1255	MH-3333	588.07	587.95	586.92	586.73	20.3	150	0.29	105.049	1.483	0.0108	1	1	1.07	25.2	0.011	HDPE
MH-4648	MH-3286	568.52	568.45	566.92	566.85	12.4	600	1.74	174.848	46.346	15.5289	1	1	1	42.7	0.011	HDPE
MH-38	MH-2169	567.87	567.74	566.72	566.59	17.7	150	0.58	136.56	1.3007	0.1506	1	1	1	23.8	0.011	HDPE
MH-2191	MH-3380	576.93	576.59	575.63	575.44	18.4	150	1	100	1.52	0.7144	1.1	1.16	1	51.7	0.011	HDPE
MH-4907	MH-4715	583.32	581.9	581.71	580.75	95.7	150	0.33	100	1.52	0.017	1.2	1.46	1	7.8	0.011	HDPE
MH-4715	MH-4444	581.9	581.06	580.48	579.91	56.6	150	1.15	100	1.672	0.9453	1.1	1.27	1	58.8	0.01	HDPE
MH-4472	MH-1352	584.44	586.2	583.27	583.74	46.6	175	1.01	100	2.5221	0.5864	1.6	1	2.29	36.8	0.01	HDPE
MH-3530	MH-4777	570.86	570.04	569.15	568.86	28.9	175	1.07	100	2.5221	0.7375	1.3	1.54	1	41.5	0.01	HDPE
MH-503	MH-1758	582.61	582.15	581.37	581	36.5	150	0.9	100	1.52	0.4856	1	1.09	1	42	0.011	HDPE
MH-1758	MH-4715	582.15	581.9	580.91	580.75	20.1	150	1.02	131.748	1.4567	0.9085	1	1.1	1	59.8	0.01	HDPE
MH-3805	MH-4035	571.95	571.2	570.46	570.05	41.2	150	0.62	100	1.52	0.1321	1.2	1.35	1	21.5	0.011	HDPE
MH-1589	MH-3460	587.25	587.15	585.77	585.56	22.3	150	0.8	106.421	1.4735	0.3428	1.4	1.33	1.45	35.2	0.011	HDPE
MH-2393	MH-1785	547.01	546.07	545.19	544.92	26.9	150	0.32	100	1.52	0.0153	1.3	1.68	1	9.7	0.011	HDPE
MH-4498	MH-2544	546.69	546.01	545.1	544.86	24.9	150	0.2	100	1.52	0.0032	1.2	1.43	1	3.5	0.011	HDPE
MH-2474	MH-2544	546.38	546.01	544.71	544.82	104.9	150	0.19	1,000.00	0.4807	0.0364	1.3	1.52	1.04	34.9	0.011	HDPE
MH-1435	MH-3959	545.13	544.93	543.98	543.78	20.9	150	0.24	100.989	1.5126	0.0054	1	1	1	5.7	0.011	HDPE
MH-4034	MH-2013	545.41	545.09	544.26	543.94	32	150	0.29	102.413	1.502	0.0116	1	1	1	8.8	0.011	HDPE
MH-4705	MH-4962	549	548.75	546.17	546.05	125.5	1,400.00	1.6	1,000.00	185.6156	160.3622	1.4	1.43	1.31	68.7	0.011	HDPE
MH-4962	MH-4963	548.75	548.54	546.05	545.94	107.4	1,400.00	1.6	1,000.00	185.6156	160.4412	1.3	1.31	1.21	67.6	0.011	HDPE
MH-4963	MH-4964	548.54	548.35	545.94	545.84	100.5	1,400.00	1.6	1,000.00	185.6156	160.4888	1.2	1.21	1.11	65.7	0.011	HDPE
MH-4964	MH-4965	548.35	548.14	545.84	545.73	107.7	1,400.00	1.6	1,000.00	185.6156	160.5273	1.1	1.11	1.01	60.7	0.011	HDPE
MH-4965	MH-4966	548.14	547.94	545.73	545.54	98.4	1,400.00	2.06	533.068	254.2279	160.5769	1	1.01	1	56.6	0.011	HDPE
MH-4966	MH-4971	547.94	547.76	545.54	545.36	94.5	1,400.00	2.08	521.4	257.0567	160.5769	1	1	1	56.2	0.011	HDPE
MH-4971	MH-4972	547.76	547.58	545.36	545.18	91.2	1,400.00	2.09	509.624	260.0097	160.5769	1	1	1	56	0.011	HDPE
MH-4972	MH-4973	547.58	547.39	545.18	544.99	101.9	1,400.00	2.09	509.624	260.0097	160.5769	1	1	1	56	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-4973	MH-4974	547.39	547.17	544.99	544.77	108.2	1,400.00	2.09	509.624	260.0097	160.5769	1	1	1	56	0.011	HDPE
MH-4974	MH-4975	547.17	546.97	544.77	544.57	101.3	1,400.00	2.09	509.008	260.1671	160.6307	1	1	1	56	0.011	HDPE
MH-4975	MH-4976	546.97	546.8	544.57	544.4	87.5	1,400.00	2.09	509.008	260.1671	160.6509	1	1	1	56.1	0.011	HDPE
MH-4976	MH-4880	546.8	546.68	544.4	544.28	63.2	1,400.00	2.09	509.008	260.1671	160.6643	1	1	1	56.3	0.011	HDPE
MH-4880	MH-4977	546.68	546.56	544.28	544.16	59.8	1,400.00	2.09	511.309	259.581	160.6726	1	1	1	56.9	0.011	HDPE
MH-4977	MH-4978	546.56	546.44	544.16	544.04	62.2	1,400.00	2.09	511.309	259.581	160.6807	1	1	1	58.6	0.011	HDPE
MH-4978	MH-4443	546.44	546.32	544.04	543.96	61.8	1,400.00	1.8	750	219.2713	160.6884	1	1	0.96	55.4	0.011	HDPE
MH-4443	MH-4979	546.32	545.59	543.5	543.28	88.3	1,400.00	2.3	400	300.2496	160.8695	1.2	1.42	0.91	51.6	0.011	HDPE
MH-4979	MH-4980	545.59	544.74	542.68	542.42	103.6	1,400.00	2.3	400	300.2496	160.8842	1.2	1.51	0.91	51.6	0.011	HDPE
MH-4980	MH-4981	544.74	543.8	541.77	541.49	113.7	1,400.00	2.3	400	300.2496	160.9083	1.2	1.57	0.91	51.6	0.011	HDPE
MH-4981	MH-4951	543.8	542.93	540.88	540.61	106.4	1,400.00	2.3	400	300.2496	160.9397	1.2	1.52	0.91	51.6	0.011	HDPE
MH-4982	MH-4983	543.02	543	541.87	541.77	103	150	0.16	1,000.00	0.4807	0.0189	1	1	1.08	40.2	0.011	HDPE
MH-4983	MH-4984	543	544	541.77	541.71	45.2	150	0.41	750	0.5678	0.4474	1.6	1.08	2.14	67.5	0.011	HDPE
MH-4984	MH-4985	544	544.5	541.71	541.64	52.2	150	0.41	750	0.5678	0.4565	2.4	2.14	2.71	68.6	0.011	HDPE
MH-4985	MH-4986	544.5	544.35	541.64	541.57	51.4	150	0.41	750	0.5678	0.4669	2.7	2.71	2.63	69.8	0.011	HDPE
MH-4986	MH-4987	544.35	544.68	541.57	541.5	51.3	150	0.42	750	0.5678	0.4781	2.8	2.63	3.03	71.1	0.011	HDPE
MH-4987	MH-4988	544.68	544.6	541.5	541.43	51.9	150	0.42	750	0.5678	0.4903	3	3.03	3.02	71.5	0.011	HDPE
MH-4988	MH-4989	544.6	544.35	541.43	541.37	47.2	150	0.42	750	0.5678	0.4982	2.9	3.02	2.83	63	0.011	HDPE
MH-4989	MH-4990	544.35	544.25	541.34	541.23	55.1	175	0.61	482.728	1.1744	0.8109	2.8	2.83	2.85	61.6	0.01	HDPE
MH-4990	MH-4991	544.25	544.6	541.23	541.1	60.6	175	0.61	487.613	1.1685	0.8273	3.1	2.85	3.32	62.7	0.01	HDPE
MH-4991	MH-4992	544.6	544.21	541.1	540.98	62.1	175	0.61	492.645	1.1625	0.8439	3.2	3.32	3.06	63.9	0.01	HDPE
MH-4238	MH-2044	544.46	544.76	543.4	543.47	31.2	150	0.49	400	0.7775	0.3222	1	0.91	1.14	40.8	0.011	HDPE
MH-4036	MH-3893	570.76	570.21	569.42	569.06	35.8	150	0.53	100	1.52	0.0785	1.1	1.19	1	18.4	0.011	HDPE
MH-1442	MH-3873	575.15	574.94	573.93	573.79	16	150	0.4	116.062	1.4109	0.0371	1	1.07	1	11.6	0.011	HDPE
MH-2220	MH-2065	573.13	573.15	571.58	571.56	20.1	150	0.23	1,000.00	0.4807	0.0677	1.4	1.4	1.44	43.4	0.011	HDPE
MH-1259	MH-754	573.62	573.65	571.47	571.45	20.3	150	0.23	1,000.00	0.4807	0.0685	2	2	2.04	33.1	0.011	HDPE
MH-3115	MH-1769	582.08	581.68	580.75	580.53	21.7	150	0.67	100	1.52	0.1731	1.1	1.18	1	32	0.011	HDPE
MH-2780	MH-4556	584.05	583.82	582.9	582.67	36.2	150	0.28	158.176	1.2086	0.0148	1	1	1	13.6	0.011	HDPE
MH-1591	MH-961	575.72	575.57	572.46	572.45	14.5	150	0.23	1,000.00	0.4807	0.0751	3	3.11	2.97	26.3	0.011	HDPE
MH-1270	MH-4199	580.42	580.81	579.27	579.51	23.8	150	0.57	100	1.52	0.0958	1.1	1	1.15	18.3	0.011	HDPE
MH-4788	MH-4085	584.6	584.25	583.44	583.1	34.7	150	0.36	100	1.52	0.0203	1	1.01	1	9.2	0.011	HDPE
MH-4085	MH-4556	584.25	583.82	583.09	582.67	41.2	150	0.51	100	1.52	0.068	1	1.01	1	18	0.011	HDPE
MH-4579	MH-763	570.86	570.85	569.36	569.33	30.2	150	0.31	1,000.00	0.4807	0.2055	1.4	1.35	1.38	36.9	0.011	HDPE
MH-2403	MH-4318	573.59	573.18	572.34	572.03	30.8	150	0.42	100	1.52	0.0352	1	1.1	1	11.1	0.011	HDPE
MH-688	MH-431	574.51	574.4	573.36	573.25	13.7	150	0.26	117.043	1.405	0.0087	1	1	1	5.7	0.011	HDPE
MH-2289	MH-1392	576.4	576.11	574.16	573.99	20.8	150	0.8	122.251	1.3748	0.411	2	2.09	1.97	41.9	0.011	HDPE
MH-2235	MH-1306	577.84	577.82	575.05	575.03	19.7	150	0.33	1,000.00	0.4807	0.2868	2.6	2.64	2.65	46.3	0.011	HDPE
MH-1635	MH-2849	585.5	585.19	584.32	584.04	28	150	0.58	100	1.52	0.1051	1	1.03	1	19.2	0.011	HDPE
MH-3618	MH-3966	577.04	578.85	573.85	573.83	26.6	150	0.22	1,000.00	0.4807	0.0594	4	3.04	4.87	44.9	0.011	HDPE
MH-643	MH-641	580.43	580.16	579.12	579.01	11	150	0.28	100	1.52	0.0096	1.1	1.16	1	5.9	0.011	HDPE
MH-4047	MH-1716	581.35	580.71	579.8	579.56	24.1	150	0.36	100	1.52	0.0213	1.2	1.4	1	8.7	0.011	HDPE
MH-4731	MH-3888	543.72	543.98	542.57	542.54	30.3	150	0.06	1,000.00	0.4807	0.0009	1.1	1	1.29	4.2	0.011	HDPE
MH-3888	MH-4732	543.98	544.15	542.83	543	20.3	150	0.12	123.44	1.3681	0.0008	1	1	1	1.8	0.011	HDPE
MH-362	MH-1487	583.2	583.72	581.62	581.59	32	150	0.22	1,000.00	0.4807	0.0576	1.7	1.43	1.98	37.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-542	MH-3721	575.52	575.31	574.36	574.16	19.3	150	0.28	100	1.52	0.01	1	1.02	1	6	0.011	HDPE
MH-2252	MH-404	580.69	580.59	579.54	579.44	19.3	150	0.26	184.957	1.1177	0.0146	1	1	1	7.8	0.011	HDPE
MH-729	MH-3019	577.73	577.73	576.45	576.44	12.6	150	0.17	1,000.00	0.4807	0.0247	1.1	1.13	1.14	18.8	0.011	HDPE
MH-3598	MH-3019	577.72	577.73	576.57	576.44	17.6	150	0.24	135.955	1.3036	0.0079	1.1	1	1.14	13.3	0.011	HDPE
MH-130	MH-2348	567.37	567.4	566.22	566.2	19.8	150	0.18	1,000.00	0.4807	0.0334	1	1	1.05	16.1	0.011	HDPE
MH-156	MH-974	582.91	582.7	581.73	581.55	18	150	0.57	100	1.52	0.0979	1	1.03	1	18.4	0.011	HDPE
MH-1083	MH-4403	579.68	579.57	578.53	578.42	16.1	150	0.4	150.068	1.2408	0.0474	1	1	1	13.5	0.011	HDPE
MH-858	MH-4403	579.47	579.57	578.17	578.15	14.7	150	0.15	1,000.00	0.4807	0.0185	1.2	1.16	1.27	18.8	0.011	HDPE
MH-1732	MH-4633	584.43	583.88	583.09	582.73	36.1	150	0.72	100	1.52	0.2166	1.1	1.2	1	40.4	0.011	HDPE
MH-4262	MH-1943	577.36	577.45	576.21	576.18	31.2	150	0.33	1,000.00	0.4807	0.2766	1.1	1	1.12	57.8	0.011	HDPE
MH-3670	MH-3516	555.93	556.11	553.31	553.23	31.3	271	0.8	427.82	3.914	1.9653	2.5	2.35	2.6	46.6	0.01	HDPE
MH-4292	MH-2077	589.64	589.58	587.74	587.61	55.8	271	0.8	417.018	3.9644	1.8925	1.7	1.63	1.7	48.5	0.01	HDPE
MH-4134	MH-4916	595.18	592.88	592.7	591.48	121.8	400	1.57	100	20.7858	4.6451	1.5	2.08	1	36.5	0.011	HDPE
MH-1034	MH-4802	594.67	593.94	593.35	592.77	58.7	175	1.39	100	2.5221	2.1422	1.1	1.14	1	74.8	0.01	HDPE
MH-4844	MH-5013	590.29	590.01	589.14	588.86	67.4	150	0.46	239.716	0.9818	0.1377	1	1	1	25.8	0.011	HDPE
MH-5013	MH-4265	590.01	589.78	588.86	588.63	68.3	150	0.43	300.458	0.8769	0.1377	1	1	1	25.1	0.011	HDPE
MH-2461	MH-5014	590.6	591.42	589.45	589.88	42.9	150	0.44	100	1.52	0.042	1.2	1	1.39	12.1	0.011	HDPE
MH-2428	MH-4730	589.66	589.35	587.91	587.51	45.1	150	0.8	114.163	1.4226	0.3792	1.6	1.61	1.68	37.4	0.011	HDPE
MH-1719	MH-5015	588.71	588.02	587.56	586.71	89.4	150	0.6	106.062	1.4759	0.1227	1.1	1	1.15	28.8	0.011	HDPE
MH-5015	MH-4430	588.02	587.19	586.71	586.04	67.5	150	0.78	100	1.52	0.2939	1.1	1.15	1	32.3	0.011	HDPE
MH-4412	MH-5015	588.96	588.02	587.71	586.87	84.8	150	0.67	100	1.52	0.1712	1.1	1.1	1	24.5	0.011	HDPE
MH-4627	MH-4632	588.87	584.88	587.03	583.48	354.5	400	1.93	100	20.7858	9.9466	1.2	1.45	1	54.7	0.011	HDPE
MH-2359	MH-2358	588.66	588.51	586.63	586.61	16.3	450	0.8	903.425	9.4673	8.9651	1.5	1.58	1.45	56.2	0.011	HDPE
MH-966	MH-1077	588	587.93	586.32	586.31	11.4	500	0.8	962.029	12.1506	9.0854	1.1	1.17	1.12	55.8	0.011	HDPE
MH-2068	MH-1639	587.31	586.78	585.69	585.28	40.4	500	1.86	100	37.6871	9.1468	1.1	1.12	1	43.9	0.011	HDPE
MH-2147	MH-1705	586.81	586.7	585.31	585.27	32.3	150	0.32	1,000.00	0.4807	0.2254	1.3	1.36	1.27	38.8	0.011	HDPE
MH-4542	MH-2218	586.58	586.32	583.68	583.23	88.9	700	1.74	199.016	65.5276	19.3896	2.3	2.2	2.39	50.6	0.011	HDPE
MH-1971	MH-4254	590.56	587.91	588.66	586.74	191.9	175	1.39	100	2.5221	2.1832	1.4	1.72	1	75.6	0.01	HDPE
MH-2014	MH-1773	584.52	583.45	582.06	581.75	30.4	700	2.27	100	92.4417	20.5635	1.4	1.77	1	37.5	0.011	HDPE
MH-914	MH-3924	579.23	578.91	575.63	575.6	29.4	600	0.92	1,000.00	19.3795	18.3445	2.9	3.01	2.71	72.5	0.011	HDPE
MH-1464	MH-3939	582	581.92	580.85	580.77	13.4	150	0.19	172.067	1.1588	0.0051	1	1	1	4.7	0.011	HDPE
MH-4234	MH-748	576.67	575.96	574.69	574.36	33	600	2.24	100	61.2834	18.6064	1.2	1.38	1	43.7	0.011	HDPE
MH-4666	MH-4048	587.44	587.11	586.15	585.96	18.8	150	0.72	100	1.52	0.216	1.1	1.14	1	27.5	0.011	HDPE
MH-2230	MH-921	585	584.64	583.74	583.49	25.4	150	0.61	100	1.52	0.1223	1.1	1.11	1	20.7	0.011	HDPE
MH-4992	MH-5033	544.21	543	540.98	539.9	537.7	175	0.61	499.539	1.1545	0.8665	3	3.06	2.92	57.5	0.01	HDPE
MH-4951	MH-5016	542.93	541	539.06	538.69	148.9	1,400.00	2.3	400	300.2496	161.0523	1.7	2.47	0.91	51.6	0.011	HDPE
MH-5016	MH-5017	541	538	536.04	535.69	140	1,400.00	2.3	400	300.2496	161.0523	2.2	3.56	0.91	51.6	0.011	HDPE
MH-5017	MH-5018	538	537	535.08	534.69	157.7	1,400.00	2.3	400	300.2496	161.0523	1.2	1.52	0.91	51.6	0.011	HDPE
MH-5018	MH-5019	537	535	533.05	532.69	147.1	1,400.00	2.3	400	300.2496	161.0523	1.7	2.55	0.91	58.3	0.011	HDPE
MH-5019	MH-5020	535	535	532.6	532.32	279.8	1,400.00	1.6	1,000.00	185.6156	161.0523	1.1	1	1.28	70.3	0.011	HDPE
MH-5020	MH-5021	535	535	532.32	531.92	395.5	1,400.00	1.6	1,000.00	185.6156	161.0523	1.5	1.28	1.68	69	0.011	HDPE
MH-5021	MH-5022	535	534.8	531.92	531.66	263.6	1,400.00	1.6	1,000.00	185.6156	161.0523	1.7	1.68	1.74	59.5	0.011	HDPE
MH-5022	MH-5023	534.8	535	530.81	530.73	80.9	2,250.00	2.06	1,000.00	657.7989	410.4292	1.9	1.74	2.02	54.6	0.011	HDPE
MH-5023	MH-5024	535	534	530.73	530.65	76.8	2,250.00	2.06	1,000.00	657.7989	410.4292	1.6	2.02	1.1	53.6	0.011	HDPE

PIPE REPORT FOR ZONE 1

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
MH-5024	MH-5025	534	535	530.65	530.55	99.3	2,250.00	2.06	1,000.00	657.7989	410.4292	1.6	1.1	2.2	50.8	0.011	HDPE
MH-5033	STP	543	543	539.86	539.53	79.3	217	0.8	243.196	2.8702	0.8665	3.1	2.92	3.25	37.6	0.01	HDPE
MH-1432	MH-1311	586.84	586.54	585.62	585.39	22.8	150	0.51	100	1.52	0.0673	1	1.07	1	15.3	0.011	HDPE
MH-4003	MH-1641	585.23	585.1	584.08	583.95	22	150	0.55	166	1.1798	0.1669	1	1	1	31.9	0.011	HDPE
MH-3775	MH-4452	584.7	584.69	583.55	583.53	15.8	150	0.2	1,000.00	0.4807	0.0428	1	1	1.01	16.5	0.011	HDPE
MH-3977	MH-4528	588.2	588.86	587.05	587	52.9	150	0.31	1,000.00	0.4807	0.2208	1.4	1	1.71	38.6	0.011	HDPE
MH-1968	MH-2275	588.68	588.31	587.43	587.16	27.4	150	0.47	100	1.52	0.0514	1	1.09	1	13.4	0.011	HDPE
MH-4452	MH-3524	584.69	583.64	583.03	582.49	53.3	150	0.85	100	1.52	0.3915	1.3	1.51	1	37.4	0.011	HDPE
MH-1310	MH-3714	586.21	585.67	584.78	584.52	26.3	150	0.8	100	1.52	0.3255	1.1	1.27	1	34.1	0.011	HDPE
MH-4812	MH-5035	565.58	565.52	564.3	563.87	45.8	150	0.8	108.574	1.4588	0.3524	1.3	1.13	1.5	35.8	0.011	HDPE
MH-4831	MH-5035	564.17	565.52	563.02	563.75	72.5	150	1.11	100	1.672	0.8364	1.3	1	1.62	54.9	0.01	HDPE
MH-5035	MH-4771	565.52	566.7	564.37	565.01	63.3	150	0.9	100	1.52	0.4841	1.3	1	1.55	41.9	0.011	HDPE
MH-4460	MH-5036	565.07	564.95	563.92	563.65	77.3	150	0.5	282.878	0.9038	0.2297	1.1	1	1.15	32.4	0.011	HDPE
MH-5036	MH-5037	564.95	564.5	563.65	563.35	29.7	150	0.73	100	1.52	0.2297	1.1	1.15	1	28.4	0.011	HDPE
MH-5037	MH-4842	564.5	563.69	563.11	562.54	56.5	150	0.73	100	1.52	0.2297	1.1	1.24	1	28.4	0.011	HDPE
MH-4141	MH-2460	544.43	544.16	543.28	543.01	63.4	150	0.37	234.21	0.9932	0.0615	1	1	1	17.1	0.011	HDPE
MH-4368	MH-5038	544.13	544.01	543.01	542.94	27.8	150	0.49	400	0.7775	0.34	0.9	0.96	0.91	42	0.011	HDPE
MH-5038	MH-4983	544.01	543	542.53	541.94	238.5	150	0.52	400	0.7775	0.4152	1.1	1.33	0.91	47	0.011	HDPE
MH-2460	MH-5038	544.16	544.01	543.01	542.53	57.3	150	0.49	121.007	1.3818	0.0752	1.2	1	1.33	34.7	0.011	HDPE
MH-2013	MH-4041	545.09	544.84	543.94	543.69	30.9	150	0.37	120.896	1.3824	0.0297	1	1	1	11	0.011	HDPE
MH-1708	MH-1417	579.1	579.01	577.63	577.46	19.3	150	0.8	107.154	1.4684	0.3465	1.4	1.32	1.4	41.2	0.011	HDPE
MH-4896	MH-5039	546.2	546.01	539.91	539.79	40.9	217	0.8	334.559	2.4471	1.3618	6	6.08	6.01	52.6	0.01	HDPE
MH-5039	MH-4897	546.01	546.2	539.79	539.44	114.2	217	0.8	334.559	2.4471	1.3618	6.3	6.01	6.54	50.4	0.01	HDPE
MH-4906	MH-5040	546.45	546.12	536.32	536.26	42.4	400	0.8	655.327	8.1197	4.9937	9.6	9.73	9.46	55.9	0.011	HDPE
MH-5040	MH-5041	546.12	546	536.26	536.13	82.8	400	0.8	655.327	8.1197	4.9937	9.5	9.46	9.47	55.9	0.011	HDPE
MH-5041	MH-5042	546	545.95	536.13	536	85.9	400	0.8	655.327	8.1197	4.9937	9.5	9.47	9.55	55.9	0.011	HDPE
MH-5042	MH-5043	545.95	545.85	536	535.84	103.4	400	0.8	655.327	8.1197	4.9937	9.6	9.55	9.61	57.1	0.011	HDPE
MH-5043	MH-5044	545.85	545.65	535.84	535.78	38.8	400	0.8	655.327	8.1197	4.9937	9.5	9.61	9.47	60.2	0.011	HDPE
MH-5044	MH-4942	545.65	545.02	535.78	535.71	47.9	400	0.8	655.327	8.1197	4.9937	9.2	9.47	8.91	66.7	0.011	HDPE
MH-4942	MH-5045	545.02	544.35	535.66	535.37	262.7	450	0.8	898.528	9.4931	8.7681	8.7	8.91	8.53	74.3	0.011	HDPE
MH-5045	MH-5046	544.35	544.25	535.37	535.1	235.6	450	0.8	898.528	9.4931	8.7681	8.6	8.53	8.7	74.2	0.011	HDPE
MH-5046	MH-5047	544.25	543.95	535.1	534.83	244.7	450	0.8	898.528	9.4931	8.7681	8.7	8.7	8.67	67.6	0.011	HDPE
MH-5047	MH-5048	543.95	542	534.78	534.74	46.2	500	0.81	1,000.00	11.9177	10.8509	7.7	8.67	6.76	57.6	0.011	HDPE
MH-5048	PS-2	542	541.95	534.64	534.34	290.7	600	0.86	1,000.00	19.3795	12.7798	6.9	6.76	7.01	49.8	0.011	HDPE
MH-5011	MH-5049	543.1	543	539.52	539.3	93.7	271	0.8	422.461	3.9387	1.9288	3.4	3.31	3.43	48.7	0.01	HDPE
MH-5049	MH-5050	543	542.95	539.3	539.17	55	271	0.8	422.461	3.9387	1.9288	3.5	3.43	3.51	48.7	0.01	HDPE
MH-5050	MH-5051	542.95	542.85	539.17	538.93	99.9	271	0.8	422.461	3.9387	1.9288	3.6	3.51	3.65	48.7	0.01	HDPE
MH-5051	MH-5052	542.85	542.75	538.93	538.78	65.2	271	0.8	422.461	3.9387	1.9288	3.7	3.65	3.7	48.7	0.01	HDPE
MH-5052	MH-5053	542.75	542.65	538.78	538.67	44.6	271	0.8	422.461	3.9387	1.9288	3.7	3.7	3.71	48.7	0.01	HDPE
MH-5053	MH-5054	542.65	542.55	538.67	538.38	123.7	271	0.8	422.461	3.9387	1.9288	3.8	3.71	3.9	48.7	0.01	HDPE
MH-5054	MH-5055	542.55	542.45	538.38	538.05	137.5	271	0.8	422.461	3.9387	1.9288	4	3.9	4.13	48.7	0.01	HDPE
MH-5055	MH-5056	542.45	542.15	538.05	537.59	193.5	271	0.8	422.461	3.9387	1.9288	4.2	4.13	4.28	48.7	0.01	HDPE
MH-5056	MH-5057	542.15	542.05	537.59	537.35	105	271	0.8	422.461	3.9387	1.9288	4.4	4.28	4.43	48.7	0.01	HDPE
MH-5057	MH-5048	542.05	542	537.35	537.1	103.5	271	0.8	422.461	3.9387	1.9288	4.5	4.43	4.63	46	0.01	HDPE

PIPE REPORT FOR ZONE 1

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
MH-5058	MH-4819	550.65	549.16	549.02	548.01	101.3	150	0.65	100	1.52	0.1523	1.2	1.48	1	23.1	0.011	HDPE
MH-4819	MH-4900	549.16	546.76	547.93	545.61	232.3	150	0.7	100	1.52	0.201	1	1.08	1	31.5	0.011	HDPE
MH-4900	MH-4901	546.76	546.55	545.61	545.4	61	150	0.5	295.249	0.8846	0.229	1	1	1	34.8	0.011	HDPE
MH-4901	MH-4989	546.55	544.35	545.4	541.37	497.3	150	0.73	123.381	1.3684	0.2988	1.9	1	2.83	45	0.011	HDPE
MH-4921	MH-5058	550.44	550.65	549.29	549.02	90.4	150	0.42	337.588	0.8273	0.1523	1.2	1	1.48	26.8	0.011	HDPE
MH-4820	MH-4819	549.45	549.16	548.3	547.93	86.6	150	0.29	230.914	1.0003	0.0273	1	1	1.08	20	0.011	HDPE
MH-4912	MH-5047	544	543.95	539.43	539.16	122.5	271	0.8	444.218	3.8411	2.0829	4.4	4.29	4.52	48.4	0.01	HDPE
MH-5059	MH-4836	545.67	545	544.52	543.85	274.6	150	0.35	407.316	0.7532	0.1	1	1	1	34	0.011	Concrete
MH-5022	MH-5060	534.8	535.3	531.64	531.92	114.8	1,600.00	2.56	400	428.6745	249.3769	1.7	1.56	1.78	54.4	0.011	Concrete
MH-5060	MH-5061	535.3	535.95	532.14	532.56	169	1,600.00	2.56	400	428.6745	249.3769	1.7	1.56	1.79	54.4	0.011	Concrete
MH-5061	MH-5062	535.95	537.15	532.79	533.16	150.9	1,600.00	2.56	400	428.6745	249.3769	2	1.56	2.39	54.4	0.011	Concrete
MH-5062	MH-5063	537.15	538.5	533.99	534.32	134.7	1,600.00	2.56	400	428.6745	249.3769	2.1	1.56	2.58	54.4	0.011	Concrete
MH-5063	MH-5064	538.5	539	535.34	535.7	145.7	1,600.00	2.56	400	428.6745	249.3769	1.6	1.56	1.7	54.4	0.011	Concrete
MH-5064	MH-5065	539	540	535.84	536.19	143.5	1,600.00	2.56	400	428.6745	249.3769	1.9	1.56	2.21	54.4	0.011	Concrete
MH-5065	MH-5066	540	541	536.84	537.17	133.4	1,600.00	2.56	400	428.6745	249.3769	1.9	1.56	2.23	54.4	0.011	Concrete
MH-5066	MH-5067	541	542	537.84	538.03	76	1,600.00	2.56	400	428.6745	249.3769	2	1.56	2.37	54.4	0.011	Concrete
MH-5067	MH-5068	542	542.5	538.84	539.34	215.9	1,600.00	2.49	431.597	412.6849	249.3769	1.6	1.56	1.56	55	0.011	Concrete
MH-5068	MH-5069	542.5	543.2	539.34	539.53	77.1	1,600.00	2.56	400	428.6745	249.3769	1.8	1.56	2.07	55.4	0.011	Concrete
MH-5069	MH-5070	543.2	543.5	539.83	540.12	220.2	1,600.00	2	750	313.0596	249.3769	1.8	1.77	1.78	60	0.011	Concrete
MH-5070	MH-5071	543.5	543.5	540.12	540.25	129.9	1,600.00	1.77	1,000.00	265.0085	249.3769	1.7	1.78	1.65	68.1	0.011	Concrete
MH-5071	MH-5072	543.5	544	540.25	540.75	281.8	1,600.00	2.24	563.88	352.912	249.3769	1.7	1.65	1.65	65.8	0.011	Concrete
MH-5072	MH-5073	544	544.5	540.75	541.16	182.5	1,600.00	2.46	443.238	398.0535	249.3769	1.7	1.65	1.74	59	0.011	Concrete
MH-5073	MH-5074	544.5	544.5	541.16	541.25	88.2	1,600.00	1.77	1,000.00	265.0085	249.3769	1.7	1.74	1.65	61.4	0.011	Concrete
MH-5074	MH-5075	544.5	545	541.34	541.58	98.4	1,400.00	2.18	400	254.0574	249.3769	1.9	1.76	2.02	73.4	0.013	Concrete
MH-5075	MH-5076	545	545	542.6	541.84	303.1	1,400.00	1.87	-396.75	255.0957	249.3769	1.4	1	1.76	82.1	0.013	Concrete
MH-2317	MH-4830	548.82	548.38	546.15	546.26	116.3	150	0.21	1,000.00	0.4807	0.0542	2.2	2.52	1.97	29.9	0.011	Concrete
MH-5025	PS-1	535	535	530.55	530.54	14.8	2,250.00	2.06	1,000.00	657.7989	410.4292	2.2	2.2	2.21	46.7	0.011	Concrete

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-5024	534	530.65	(N/A)	(N/A)	530.65	410.429	1.19
MH-5022	534.8	531.66	531.64	(N/A)	530.81	410.429	1.24
MH-5025	535	530.55	(N/A)	(N/A)	530.55	410.429	1.09
MH-5023	535	530.73	(N/A)	(N/A)	530.73	410.429	1.22
MH-5021	535	531.92	(N/A)	(N/A)	531.92	161.052	0.95
MH-5020	535	532.32	(N/A)	(N/A)	532.32	161.052	0.98
MH-5019	535	532.69	(N/A)	(N/A)	532.6	161.052	0.99
MH-5060	535.3	532.14	(N/A)	(N/A)	531.92	249.377	0.88
MH-5061	535.95	532.79	(N/A)	(N/A)	532.56	249.377	0.88
MH-5018	537	534.69	(N/A)	(N/A)	533.05	161.052	0.73
MH-5062	537.15	533.99	(N/A)	(N/A)	533.16	249.377	0.88
MH-5017	538	535.69	(N/A)	(N/A)	535.08	161.052	0.73
MH-5063	538.5	535.34	(N/A)	(N/A)	534.32	249.377	0.88
MH-5064	539	535.84	(N/A)	(N/A)	535.7	249.377	0.88
MH-5065	540	536.84	(N/A)	(N/A)	536.19	249.377	0.88
MH-5066	541	537.84	(N/A)	(N/A)	537.17	249.377	0.88
MH-5016	541	538.69	(N/A)	(N/A)	536.04	161.052	0.73
MH-5048	542	534.74	537.1	(N/A)	534.64	11.375	0.35
MH-5067	542	538.84	(N/A)	(N/A)	538.03	249.377	0.88
MH-5057	542.05	537.35	(N/A)	(N/A)	537.35	1.904	0.13
MH-5056	542.15	537.59	(N/A)	(N/A)	537.59	1.904	0.13
MH-5055	542.45	538.05	(N/A)	(N/A)	538.05	1.904	0.13
MH-5068	542.5	539.34	(N/A)	(N/A)	539.34	249.377	0.9
MH-5054	542.55	538.38	(N/A)	(N/A)	538.38	1.904	0.13
MH-5053	542.65	538.67	(N/A)	(N/A)	538.67	1.904	0.13
MH-5052	542.75	538.78	(N/A)	(N/A)	538.78	1.904	0.13
MH-5051	542.85	538.93	(N/A)	(N/A)	538.93	1.904	0.13
MH-4951	542.93	540.61	(N/A)	(N/A)	539.06	161.052	0.73
MH-5050	542.95	539.17	(N/A)	(N/A)	539.17	1.904	0.13
MH-5033	543	539.9	(N/A)	(N/A)	539.86	0.867	0.08
MH-5049	543	539.3	(N/A)	(N/A)	539.3	1.904	0.13
MH-4983	543	541.94	541.77	(N/A)	541.77	0.447	0.1
MH-4982	543.02	(N/A)	(N/A)	(N/A)	541.87	0.019	0.02
MH-4490	543.03	541.86	541.88	(N/A)	541.86	0.747	0.08
MH-5011	543.1	539.52	(N/A)	(N/A)	539.52	1.904	0.13
MH-4739	543.17	(N/A)	(N/A)	(N/A)	542.02	0.009	0.01
MH-4823	543.19	541.49	541.46	(N/A)	541.42	1.276	0.11
MH-5069	543.2	539.83	(N/A)	(N/A)	539.53	249.377	0.88
MH-4447	543.22	541.92	(N/A)	(N/A)	541.92	0.013	0.02
MH-4833	543.26	541.06	(N/A)	(N/A)	541.06	1.301	0.11
MH-4879	543.4	540.06	(N/A)	(N/A)	540.06	1.705	0.14
MH-4869	543.45	540.4	(N/A)	(N/A)	540.4	1.643	0.12
MH-4329	543.46	542.2	542.18	(N/A)	542.18	0.729	0.08
MH-4446	543.48	541.96	(N/A)	(N/A)	541.96	0.011	0.02
MH-5070	543.5	540.12	(N/A)	(N/A)	540.12	249.377	1.06
MH-5071	543.5	540.25	(N/A)	(N/A)	540.25	249.377	1.12
MH-3837	543.54	542.39	(N/A)	(N/A)	542.39	0.002	0
MH-4834	543.55	540.77	(N/A)	(N/A)	540.72	1.601	0.11
MH-4646	543.63	542.48	(N/A)	(N/A)	542.48	0.133	0.06
MH-3836	543.66	(N/A)	(N/A)	(N/A)	542.51	0.001	0
MH-4953	543.69	542.46	542.46	(N/A)	542.46	0.2	0.07

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-4467	543.72	542.4	542.37	(N/A)	542.37	0.724	0.08
MH-4731	543.72	(N/A)	(N/A)	(N/A)	542.57	0.001	0
MH-4954	543.76	542.61	542.61	(N/A)	542.61	0.13	0.04
MH-4509	543.76	542.44	(N/A)	(N/A)	542.44	0.202	0.07
MH-4981	543.8	541.49	(N/A)	(N/A)	540.88	160.94	0.73
MH-4588	543.81	542.66	(N/A)	(N/A)	542.66	0.123	0.04
MH-3889	543.81	542.51	(N/A)	(N/A)	542.51	0.004	0.01
MH-5047	543.95	534.83	539.16	(N/A)	534.78	9.471	0.33
MH-3973	543.95	(N/A)	(N/A)	(N/A)	542.8	0.019	0.02
MH-2526	543.97	542.82	542.57	(N/A)	542.55	0.717	0.08
MH-3888	543.98	542.54	542.83	(N/A)	542.54	0.003	0.01
MH-2363	543.99	542.84	(N/A)	(N/A)	542.84	0.119	0.03
MH-4912	544	539.43	(N/A)	(N/A)	539.43	2.083	0.14
MH-4984	544	541.71	(N/A)	(N/A)	541.71	0.457	0.1
MH-4469	544	542.81	(N/A)	(N/A)	542.81	0.065	0.02
MH-4240	544	542.85	(N/A)	(N/A)	542.85	0.063	0.04
MH-5072	544	540.75	(N/A)	(N/A)	540.75	249.377	0.98
MH-5038	544.01	542.53	542.94	(N/A)	542.53	0.415	0.08
MH-1767	544.05	542.77	(N/A)	(N/A)	542.77	0.022	0.02
MH-721	544.07	542.6	(N/A)	(N/A)	542.6	0.106	0.05
MH-4368	544.13	543.06	(N/A)	(N/A)	543.01	0.34	0.07
MH-1914	544.14	542.94	542.4	(N/A)	542.4	0.238	0.07
MH-4732	544.15	(N/A)	(N/A)	(N/A)	543	0.001	0
MH-720	544.15	542.62	(N/A)	(N/A)	542.62	0.105	0.05
MH-1768	544.15	542.75	(N/A)	(N/A)	542.75	0.024	0.02
MH-2460	544.16	543.01	543.01	(N/A)	543.01	0.075	0.03
MH-2120	544.18	543.02	(N/A)	(N/A)	543.02	0.031	0.03
MH-1913	544.2	542.96	(N/A)	(N/A)	542.96	0.034	0.03
MH-4902	544.2	539.88	(N/A)	(N/A)	539.88	1.798	0.13
MH-2119	544.21	543.05	(N/A)	(N/A)	543.05	0.029	0.02
MH-4992	544.21	540.98	(N/A)	(N/A)	540.98	0.867	0.11
MH-3856	544.21	542.99	(N/A)	(N/A)	542.99	0.033	0.03
MH-1608	544.22	543.07	542.64	(N/A)	542.64	0.104	0.05
MH-1765	544.23	543.08	543.08	(N/A)	543.08	0.028	0.02
MH-4990	544.25	541.23	(N/A)	(N/A)	541.23	0.827	0.11
MH-5046	544.25	535.1	(N/A)	(N/A)	535.1	7.388	0.33
MH-1557	544.3	542.72	(N/A)	(N/A)	542.72	0.026	0.02
MH-1920	544.33	542.67	(N/A)	(N/A)	542.67	0.066	0.04
MH-5045	544.35	535.37	(N/A)	(N/A)	535.37	7.388	0.33
MH-4989	544.35	541.37	541.37	(N/A)	541.34	0.811	0.11
MH-4986	544.35	541.57	(N/A)	(N/A)	541.57	0.478	0.11
MH-4373	544.36	542.36	(N/A)	(N/A)	542.36	0.241	0.07
MH-2459	544.36	543.21	(N/A)	(N/A)	543.21	0.003	0.01
MH-1764	544.37	543.22	(N/A)	(N/A)	543.22	0.025	0.02
MH-1558	544.39	543.24	542.7	(N/A)	542.7	0.065	0.04
MH-4141	544.43	543.28	(N/A)	(N/A)	543.28	0.062	0.03
MH-2273	544.45	543.3	(N/A)	(N/A)	543.3	0.038	0.02
MH-4238	544.46	543.4	(N/A)	(N/A)	543.15	0.326	0.07
MH-4985	544.5	541.64	(N/A)	(N/A)	541.64	0.467	0.1
MH-4855	544.5	(N/A)	(N/A)	(N/A)	543.35	0.078	0.04
MH-4807	544.5	540.3	(N/A)	(N/A)	540.3	1.684	0.12

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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-5073	544.5	541.16	(N/A)	(N/A)	541.16	249.377	0.9
MH-5074	544.5	541.34	(N/A)	(N/A)	541.25	249.377	1.06
MH-1813	544.52	543.37	(N/A)	(N/A)	543.37	0.024	0.01
MH-4179	544.58	543.41	(N/A)	(N/A)	543.41	0.023	0.02
MH-4388	544.6	543.36	542.32	(N/A)	542.32	0.267	0.08
MH-4991	544.6	541.1	(N/A)	(N/A)	541.1	0.844	0.11
MH-4988	544.6	541.43	(N/A)	(N/A)	541.43	0.498	0.11
MH-4222	544.61	543.45	(N/A)	(N/A)	543.45	0.02	0.02
MH-4241	544.61	543.18	(N/A)	(N/A)	543.18	0.06	0.02
MH-4061	544.63	543.48	(N/A)	(N/A)	543.48	0.037	0.02
MH-1239	544.63	543.48	(N/A)	(N/A)	543.48	0.018	0.02
MH-4136	544.63	543.48	(N/A)	(N/A)	543.48	0.034	0.02
MH-4076	544.66	(N/A)	(N/A)	(N/A)	543.51	0.002	0
MH-715	544.67	543.52	543.52	(N/A)	543.52	0.023	0.01
MH-4987	544.68	541.5	(N/A)	(N/A)	541.5	0.49	0.11
MH-2137	544.71	543.56	(N/A)	(N/A)	543.56	0.005	0.01
MH-4185	544.72	543.57	(N/A)	(N/A)	543.57	0.036	0.02
MH-4980	544.74	542.42	(N/A)	(N/A)	541.77	160.908	0.73
MH-1995	544.74	543.59	(N/A)	(N/A)	543.59	0.003	0.01
MH-1240	544.75	543.6	(N/A)	(N/A)	543.6	0.017	0.01
MH-714	544.75	543.6	(N/A)	(N/A)	543.6	0.017	0.01
MH-1963	544.76	(N/A)	(N/A)	(N/A)	543.61	0.004	0.01
MH-2044	544.76	543.47	543.7	(N/A)	543.47	0.322	0.07
MH-2171	544.79	542.28	(N/A)	(N/A)	542.28	0.269	0.08
MH-4856	544.8	543.24	(N/A)	(N/A)	543.24	0.257	0.08
MH-4808	544.8	540.52	(N/A)	(N/A)	540.52	1.605	0.11
MH-4041	544.84	543.69	(N/A)	(N/A)	543.69	0.031	0.02
MH-2043	544.84	543.69	(N/A)	(N/A)	543.69	0.008	0.01
MH-845	544.85	543.7	(N/A)	(N/A)	543.7	0.017	0.01
MH-1123	544.87	543.72	(N/A)	(N/A)	543.72	0.016	0.01
MH-1493	544.89	543.74	(N/A)	(N/A)	543.74	0.003	0.01
MH-4326	544.9	543.75	(N/A)	(N/A)	543.75	0.034	0.02
MH-3959	544.93	543.78	543.78	(N/A)	543.78	0.007	0.01
MH-4574	544.94	543.79	(N/A)	(N/A)	543.79	0.036	0.02
MH-2170	544.94	542.26	542.26	(N/A)	542.26	0.521	0.07
MH-4908	544.95	541.01	(N/A)	(N/A)	541.01	1.519	0.11
MH-4913	544.95	543.03	(N/A)	(N/A)	543.03	0.526	0.07
MH-1124	544.98	(N/A)	(N/A)	(N/A)	543.83	0.015	0.01
MH-4836	545	543.85	(N/A)	(N/A)	543.85	0.195	0.07
MH-5075	545	542.6	(N/A)	(N/A)	541.58	249.377	1.08
MH-5076	545	(N/A)	(N/A)	(N/A)	541.84	249.377	2.62
MH-4903	545	541.6	(N/A)	(N/A)	541.55	1.42	0.1
MH-4837	545	543.75	(N/A)	(N/A)	543.75	0.223	0.05
MH-1492	545	(N/A)	(N/A)	(N/A)	543.85	0.002	0
MH-2509	545	(N/A)	(N/A)	(N/A)	543.85	0.016	0.01
MH-3587	545.01	(N/A)	(N/A)	(N/A)	543.86	0.001	0
MH-4942	545.02	535.71	543.48	(N/A)	535.66	7.388	0.33
MH-1962	545.04	543.58	(N/A)	(N/A)	543.58	0.008	0.01
MH-4198	545.08	544.01	(N/A)	(N/A)	543.78	0.31	0.07
MH-2013	545.09	543.94	543.94	(N/A)	543.94	0.03	0.02
MH-4019	545.1	543.95	(N/A)	(N/A)	543.95	0.034	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-4852	545.13	543.91	(N/A)	(N/A)	543.91	0.604	0.08
MH-1435	545.13	543.98	(N/A)	(N/A)	543.98	0.005	0.01
MH-2012	545.18	544.03	(N/A)	(N/A)	544.03	0.017	0.01
MH-4904	545.2	542.1	(N/A)	(N/A)	542.1	1.344	0.11
MH-4018	545.21	544.06	544.06	(N/A)	544.06	0.033	0.02
MH-4676	545.25	(N/A)	(N/A)	(N/A)	543.59	0.002	0
MH-4322	545.25	543.55	(N/A)	(N/A)	543.55	0.015	0.02
MH-4126	545.28	(N/A)	(N/A)	(N/A)	544.13	0.016	0.01
MH-4100	545.35	544.2	(N/A)	(N/A)	544.2	0.009	0.01
MH-4449	545.36	543.42	(N/A)	(N/A)	543.42	0.057	0.02
MH-4890	545.4	542.01	(N/A)	(N/A)	541.98	0.773	0.08
MH-4034	545.41	544.26	(N/A)	(N/A)	544.26	0.012	0.01
MH-2364	545.42	544.27	(N/A)	(N/A)	543.13	0.112	0.03
MH-3665	545.42	544.36	(N/A)	(N/A)	544.1	0.305	0.07
MH-4105	545.45	544.3	(N/A)	(N/A)	544.3	0.004	0.01
MH-2228	545.47	(N/A)	(N/A)	(N/A)	544.32	0.003	0.01
MH-4407	545.47	543.51	(N/A)	(N/A)	543.51	0.022	0.02
MH-4380	545.48	(N/A)	(N/A)	(N/A)	544.11	0.03	0.02
MH-4101	545.51	(N/A)	(N/A)	(N/A)	544.36	0.008	0.01
MH-4979	545.59	543.28	(N/A)	(N/A)	542.68	160.884	0.73
MH-2227	545.61	544.29	(N/A)	(N/A)	544.29	0.004	0.01
MH-4891	545.64	541.32	(N/A)	(N/A)	541.28	1.099	0.1
MH-5044	545.65	535.78	(N/A)	(N/A)	535.78	3.614	0.25
MH-4861	545.65	543.95	(N/A)	(N/A)	543.95	3.326	0.16
MH-5059	545.67	(N/A)	(N/A)	(N/A)	544.52	0.1	0.04
MH-4131	545.71	544.56	544.26	544.56	544.26	0.022	0.01
MH-2410	545.71	544.56	(N/A)	(N/A)	544.56	0.01	0.01
MH-2451	545.73	544.63	(N/A)	(N/A)	544.44	0.302	0.06
MH-4369	545.8	(N/A)	(N/A)	(N/A)	544.65	0.003	0
MH-2246	545.82	544.67	543.47	(N/A)	543.47	0.054	0.03
MH-4926	545.85	542.81	544.67	(N/A)	542.74	1.274	0.11
MH-5043	545.85	535.84	(N/A)	(N/A)	535.84	3.614	0.23
MH-2412	545.87	544.72	(N/A)	(N/A)	544.72	0.008	0.01
MH-4905	545.95	540.7	(N/A)	(N/A)	540.7	1.289	0.11
MH-5042	545.95	536	(N/A)	(N/A)	536	3.614	0.22
MH-4862	545.95	544.17	(N/A)	(N/A)	544.17	3.258	0.16
MH-4312	545.96	(N/A)	(N/A)	(N/A)	544.81	0.007	0.01
MH-4210	545.98	543.01	(N/A)	(N/A)	543.01	0.477	0.07
MH-1784	546	544.85	(N/A)	(N/A)	544.85	0.028	0.02
MH-2411	546	(N/A)	(N/A)	(N/A)	544.85	0.007	0.01
MH-4851	546	(N/A)	(N/A)	(N/A)	544.85	0.236	0.07
MH-5041	546	536.13	(N/A)	(N/A)	536.13	3.614	0.22
MH-2544	546.01	544.86	544.82	(N/A)	544.82	0.036	0.03
MH-5039	546.01	539.79	(N/A)	(N/A)	539.79	1.362	0.11
MH-3936	546.04	544.89	544.89	(N/A)	544.89	0.592	0.08
MH-2452	546.04	544.67	(N/A)	(N/A)	544.67	0.299	0.08
MH-1785	546.07	544.92	(N/A)	(N/A)	544.92	0.025	0.02
MH-2245	546.09	544.94	(N/A)	(N/A)	544.94	0.028	0.02
MH-5040	546.12	536.26	(N/A)	(N/A)	536.26	3.614	0.22
MH-4209	546.13	543.21	(N/A)	(N/A)	543.21	0.47	0.07
MH-2226	546.18	545.03	545.03	(N/A)	544.88	0.009	0.01

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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-4896	546.2	539.91	(N/A)	(N/A)	539.91	1.362	0.11
MH-4897	546.2	539.44	544.64	(N/A)	539.26	2.112	0.17
MH-3935	546.21	545.06	(N/A)	(N/A)	545.06	0.223	0.05
MH-2225	546.31	545.16	(N/A)	(N/A)	545.16	0.005	0.01
MH-4443	546.32	545.16	543.96	(N/A)	543.5	160.869	0.73
MH-522	546.35	545.2	(N/A)	(N/A)	545.2	0.177	0.06
MH-4914	546.35	544.55	(N/A)	(N/A)	544.55	3.2	0.16
MH-4910	546.37	(N/A)	(N/A)	(N/A)	544.4	0.004	0.01
MH-2474	546.38	545.31	544.71	(N/A)	544.71	0.297	0.08
MH-4154	546.42	(N/A)	(N/A)	(N/A)	545.27	0.004	0.01
MH-3581	546.43	(N/A)	(N/A)	(N/A)	545.25	0.022	0.01
MH-4978	546.44	544.04	(N/A)	(N/A)	544.04	160.688	0.84
MH-4634	546.44	543.73	(N/A)	(N/A)	543.73	0.459	0.07
MH-4906	546.45	536.32	(N/A)	(N/A)	536.32	3.614	0.22
MH-4570	546.47	545.32	(N/A)	(N/A)	544.71	0.098	0.03
MH-521	546.5	545.35	(N/A)	(N/A)	545.33	0.175	0.04
MH-4881	546.5	544.99	(N/A)	(N/A)	544.99	3.125	0.16
MH-4901	546.55	545.4	545.4	(N/A)	545.4	0.299	0.05
MH-4464	546.56	544.09	(N/A)	(N/A)	544.09	0.445	0.07
MH-4977	546.56	544.16	(N/A)	(N/A)	544.16	160.681	0.8
MH-2513	546.56	545.36	(N/A)	(N/A)	545.36	0.003	0.01
MH-4324	546.58	545.52	(N/A)	(N/A)	545.52	0.248	0.07
MH-4302	546.63	544.39	(N/A)	(N/A)	544.39	0.435	0.06
MH-4482	546.65	545.47	(N/A)	(N/A)	545.47	0.25	0.07
MH-4880	546.68	544.28	(N/A)	(N/A)	544.28	160.673	0.79
MH-4878	546.69	538.76	(N/A)	(N/A)	538.76	2.224	0.17
MH-4498	546.69	545.54	(N/A)	(N/A)	545.1	0.003	0.01
MH-4156	546.71	544.66	(N/A)	(N/A)	544.66	0.427	0.06
MH-4876	546.75	536.6	(N/A)	(N/A)	536.6	3.19	0.21
MH-4900	546.76	545.61	545.61	(N/A)	545.61	0.229	0.05
MH-4287	546.76	545.61	545.4	(N/A)	545.4	0.258	0.06
MH-2512	546.77	(N/A)	(N/A)	(N/A)	545.62	0.001	0
MH-4155	546.77	544.92	(N/A)	(N/A)	544.92	0.421	0.06
MH-4540	546.79	545.64	(N/A)	(N/A)	545.64	0.049	0.03
MH-4499	546.8	544.74	(N/A)	(N/A)	544.74	0.243	0.07
MH-4882	546.8	545.29	(N/A)	(N/A)	545.29	3.059	0.15
MH-4976	546.8	544.4	(N/A)	(N/A)	544.4	160.664	0.79
MH-4118	546.82	545.67	(N/A)	(N/A)	545.67	0.218	0.05
MH-1663	546.88	545.29	(N/A)	(N/A)	545.29	0.413	0.06
MH-1506	546.93	545.48	(N/A)	(N/A)	545.48	0.408	0.06
MH-4323	546.95	545.89	(N/A)	(N/A)	545.6	0.245	0.06
MH-4975	546.97	544.57	(N/A)	(N/A)	544.57	160.651	0.78
MH-4927	547	545.15	(N/A)	(N/A)	545.15	0.616	0.14
MH-2393	547.01	545.86	(N/A)	(N/A)	545.19	0.015	0.01
MH-4877	547.05	536.8	(N/A)	(N/A)	536.8	3.112	0.21
MH-4117	547.06	545.8	(N/A)	(N/A)	545.8	0.215	0.05
MH-4571	547.07	545.92	(N/A)	(N/A)	545.74	0.086	0.03
MH-4828	547.1	545.61	(N/A)	(N/A)	545.61	3.014	0.15
MH-1505	547.11	545.66	(N/A)	(N/A)	545.66	0.403	0.06
MH-4313	547.12	(N/A)	(N/A)	(N/A)	545.97	0.012	0.02
MH-1896	547.13	(N/A)	(N/A)	(N/A)	545.98	0.003	0.01

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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-4746	547.15	538.52	(N/A)	(N/A)	538.52	2.25	0.17
MH-4974	547.17	544.77	(N/A)	(N/A)	544.77	160.631	0.78
MH-4596	547.19	545.84	(N/A)	(N/A)	545.84	0.214	0.07
MH-1897	547.2	545.96	(N/A)	(N/A)	545.96	0.005	0.01
MH-1928	547.23	546.08	(N/A)	(N/A)	545.96	0.006	0.01
MH-4726	547.23	(N/A)	(N/A)	(N/A)	546.08	0.009	0.01
MH-1069	547.25	545.93	(N/A)	(N/A)	545.93	0.006	0.02
MH-1070	547.3	545.92	(N/A)	(N/A)	545.92	0.007	0.03
MH-1403	547.34	545.94	(N/A)	(N/A)	545.94	0.014	0.03
MH-2238	547.35	545.89	545.89	(N/A)	545.89	0.401	0.06
MH-4433	547.35	538.4	(N/A)	(N/A)	538.4	2.255	0.17
MH-4593	547.38	(N/A)	(N/A)	(N/A)	546.23	0.075	0.03
MH-4973	547.39	544.99	(N/A)	(N/A)	544.99	160.577	0.78
MH-1471	547.39	546.32	(N/A)	(N/A)	545.98	0.24	0.06
MH-1929	547.42	546.27	(N/A)	(N/A)	546.27	0.005	0.01
MH-370	547.44	545.92	(N/A)	(N/A)	545.92	0.015	0.05
MH-4923	547.45	537.13	(N/A)	(N/A)	537.13	3.03	0.2
MH-371	547.46	545.9	545.9	(N/A)	545.9	0.205	0.07
MH-1470	547.49	546.38	(N/A)	(N/A)	546.38	0.232	0.06
MH-4925	547.5	(N/A)	(N/A)	(N/A)	546.23	0.19	0.11
MH-1262	547.56	546.41	546.41	(N/A)	546.41	0.231	0.07
MH-2190	547.56	546.41	(N/A)	(N/A)	546.41	0.05	0.03
MH-4972	547.58	545.18	(N/A)	(N/A)	545.18	160.577	0.78
MH-2237	547.59	546.15	(N/A)	(N/A)	546.15	0.393	0.06
MH-1263	547.64	546.49	(N/A)	(N/A)	546.49	0.18	0.04
MH-2189	547.66	546.51	(N/A)	(N/A)	546.51	0.022	0.02
MH-1697	547.68	(N/A)	(N/A)	(N/A)	546.53	0.007	0.01
MH-4142	547.72	545.94	(N/A)	(N/A)	545.94	0.185	0.06
MH-1182	547.73	546.5	(N/A)	(N/A)	546.5	0.008	0.01
MH-4971	547.76	545.36	(N/A)	(N/A)	545.36	160.577	0.78
MH-4555	547.78	(N/A)	(N/A)	(N/A)	545.95	0.001	0
MH-2401	547.78	(N/A)	(N/A)	(N/A)	546.63	0.016	0.01
MH-1183	547.78	546.49	(N/A)	(N/A)	546.49	0.009	0.02
MH-4955	547.79	545.96	(N/A)	(N/A)	545.96	0.182	0.06
MH-4395	547.8	546.37	538.33	(N/A)	538.33	2.306	0.18
MH-4924	547.8	545.68	(N/A)	(N/A)	545.68	0.415	0.12
MH-3908	547.81	546.66	(N/A)	(N/A)	546.66	0.016	0.02
MH-1216	547.81	546.47	(N/A)	(N/A)	546.47	0.01	0.03
MH-4929	547.82	546.15	(N/A)	(N/A)	546.15	0.76	0.08
MH-4432	547.84	(N/A)	(N/A)	(N/A)	546.65	0.004	0.01
MH-3909	547.85	(N/A)	(N/A)	(N/A)	546.7	0.009	0.01
MH-1408	547.85	545.98	(N/A)	(N/A)	545.98	0.18	0.06
MH-1536	547.86	546.71	(N/A)	(N/A)	546.71	0.179	0.04
MH-4899	547.87	546.23	(N/A)	(N/A)	546.23	2.977	0.15
MH-3622	547.88	546.44	546.48	(N/A)	546.44	0.39	0.06
MH-4966	547.94	545.54	(N/A)	(N/A)	545.54	160.577	0.79
MH-761	547.98	546	(N/A)	(N/A)	546	0.177	0.06
MH-4956	547.99	546.43	(N/A)	(N/A)	546.43	2.911	0.15
MH-4791	548	537.83	546.11	(N/A)	537.83	2.937	0.2
MH-4780	548	538.2	(N/A)	(N/A)	538.2	2.565	0.19
MH-4790	548.01	546.84	(N/A)	(N/A)	546.84	0.333	0.06

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MH-4957	548.01	544.71	538.3	(N/A)	538.3	2.549	0.19
MH-4898	548.04	537.51	(N/A)	(N/A)	537.51	2.958	0.2
MH-1397	548.05	546.9	(N/A)	(N/A)	546.9	0.007	0.01
MH-760	548.1	546.01	(N/A)	(N/A)	546.01	0.174	0.06
MH-2394	548.1	546.87	(N/A)	(N/A)	546.15	0.014	0.01
MH-4965	548.14	545.73	(N/A)	(N/A)	545.73	160.577	0.8
MH-4884	548.14	546.99	(N/A)	(N/A)	546.99	0.311	0.09
MH-1398	548.16	(N/A)	(N/A)	(N/A)	547.01	0.005	0.01
MH-1537	548.17	547.02	(N/A)	(N/A)	546.93	0.178	0.04
MH-4274	548.19	546.77	(N/A)	(N/A)	546.77	0.376	0.06
MH-1092	548.22	546.03	(N/A)	(N/A)	546.03	0.171	0.06
MH-4614	548.24	547.09	(N/A)	(N/A)	546.87	0.05	0.02
MH-1301	548.33	546.05	(N/A)	(N/A)	546.05	0.166	0.06
MH-4964	548.35	545.84	(N/A)	(N/A)	545.84	160.527	0.9
MH-1602	548.35	(N/A)	(N/A)	(N/A)	547.2	0.008	0.01
MH-4830	548.38	546.26	(N/A)	(N/A)	546.26	0.054	0.03
MH-4909	548.41	(N/A)	(N/A)	(N/A)	547.26	0.268	0.07
MH-1001	548.42	547.18	(N/A)	(N/A)	547.18	0.009	0.01
MH-1805	548.46	546.08	(N/A)	(N/A)	546.08	0.163	0.06
MH-1002	548.46	547.16	(N/A)	(N/A)	547.16	0.01	0.02
MH-4768	548.47	546.59	(N/A)	(N/A)	546.59	0.029	0.02
MH-1033	548.51	547.14	(N/A)	(N/A)	547.14	0.012	0.02
MH-4963	548.54	545.94	(N/A)	(N/A)	545.94	160.489	0.94
MH-4278	548.54	547.06	547.06	(N/A)	547.06	0.371	0.06
MH-177	548.55	547.12	(N/A)	(N/A)	547.12	0.012	0.01
MH-2293	548.57	546.1	(N/A)	(N/A)	546.1	0.156	0.06
MH-4874	548.61	547.4	(N/A)	(N/A)	547.21	2.84	0.14
MH-4541	548.65	(N/A)	(N/A)	(N/A)	546.05	0.041	0.02
MH-2318	548.68	546.13	(N/A)	(N/A)	546.13	0.151	0.06
MH-4885	548.74	546.7	(N/A)	(N/A)	546.7	2.897	0.15
MH-4962	548.75	546.05	(N/A)	(N/A)	546.05	160.441	0.96
MH-2317	548.82	547.67	546.15	(N/A)	546.15	0.144	0.06
MH-4493	548.91	(N/A)	(N/A)	(N/A)	547.76	0.019	0.02
MH-1821	548.94	547.4	(N/A)	(N/A)	547.4	0.352	0.06
MH-1606	548.98	(N/A)	(N/A)	(N/A)	547.83	0.013	0.02
MH-4705	549	547.35	546.69	(N/A)	546.17	160.362	0.97
MH-4524	549	547.56	(N/A)	(N/A)	547.56	0.965	0.09
MH-4523	549	547.78	547.78	(N/A)	547.72	0.952	0.09
MH-4375	549	(N/A)	(N/A)	(N/A)	547.85	0.012	0.02
MH-3692	549.02	547.87	(N/A)	(N/A)	547.33	0.177	0.04
MH-1567	549.04	547.81	(N/A)	(N/A)	547.81	0.013	0.02
MH-4184	549.1	547.95	(N/A)	(N/A)	547.95	0.085	0.03
MH-1319	549.1	547.79	(N/A)	(N/A)	547.79	0.014	0.02
MH-2470	549.11	547.53	(N/A)	(N/A)	547.53	0.046	0.02
MH-1320	549.13	547.77	(N/A)	(N/A)	547.77	0.015	0.01
MH-4819	549.16	548.01	547.93	(N/A)	547.93	0.201	0.04
MH-4740	549.17	548.02	(N/A)	(N/A)	545.97	0.155	0.04
MH-2117	549.17	(N/A)	(N/A)	(N/A)	548.02	0	0
MH-1820	549.18	547.62	547.62	(N/A)	547.62	0.344	0.06
MH-4829	549.2	546.37	(N/A)	(N/A)	546.37	0.043	0.03
MH-1349	549.2	548.01	547.81	(N/A)	547.81	0.067	0.04

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MH-4355	549.21	(N/A)	(N/A)	(N/A)	548.06	0.037	0.03
MH-4246	549.32	547.72	(N/A)	(N/A)	547.72	0.028	0.02
MH-4873	549.37	548.15	(N/A)	(N/A)	548.15	2.771	0.15
MH-4784	549.38	548.23	548.23	(N/A)	548.23	0.873	0.09
MH-2038	549.43	547.88	(N/A)	(N/A)	547.88	0.324	0.06
MH-1348	549.43	548.03	(N/A)	(N/A)	548.03	0.046	0.03
MH-2007	549.45	547.99	(N/A)	(N/A)	547.99	0.003	0.01
MH-4820	549.45	548.3	(N/A)	(N/A)	548.3	0.027	0.02
MH-4761	549.49	548.34	(N/A)	(N/A)	548.34	0.544	0.07
MH-4183	549.49	548.34	(N/A)	(N/A)	548.27	0.076	0.03
MH-2425	549.66	(N/A)	(N/A)	(N/A)	548.51	0.021	0.02
MH-1786	549.71	547.97	(N/A)	(N/A)	547.97	0.004	0.03
MH-1787	549.74	547.94	(N/A)	(N/A)	547.94	0.006	0.05
MH-4177	549.75	548.6	547.91	(N/A)	547.91	0.316	0.08
MH-2426	549.85	548.48	(N/A)	(N/A)	548.48	0.032	0.04
MH-2469	549.96	547.69	(N/A)	(N/A)	547.69	0.044	0.02
MH-4696	549.99	548.84	548.44	(N/A)	548.44	0.316	0.06
MH-4379	550	548.85	(N/A)	(N/A)	548.73	0.072	0.03
MH-4690	550.06	548.91	548.45	(N/A)	548.45	0.266	0.07
MH-4167	550.06	548.91	(N/A)	(N/A)	548.91	0.299	0.05
MH-4832	550.14	(N/A)	(N/A)	(N/A)	548.99	0.015	0.01
MH-4789	550.21	549.06	549.06	(N/A)	549.06	0.522	0.07
MH-2495	550.22	(N/A)	(N/A)	(N/A)	549.07	0.014	0.02
MH-1981	550.23	549.04	(N/A)	(N/A)	549.04	0.016	0.02
MH-1982	550.24	549.02	(N/A)	(N/A)	549.02	0.017	0.03
MH-4166	550.26	548.98	548.98	(N/A)	548.98	0.289	0.07
MH-1282	550.32	549.17	(N/A)	(N/A)	549.17	0.088	0.04
MH-4850	550.34	549.19	(N/A)	(N/A)	547.39	0.346	0.06
MH-4695	550.37	(N/A)	(N/A)	(N/A)	549.22	0.038	0.02
MH-4643	550.43	549.28	549.1	(N/A)	549.1	0.228	0.05
MH-4921	550.44	549.29	(N/A)	(N/A)	549.29	0.152	0.04
MH-4930	550.47	547.22	(N/A)	(N/A)	547.22	0.688	0.08
MH-3549	550.47	549.31	(N/A)	(N/A)	549.31	0.264	0.05
MH-1283	550.47	549.15	(N/A)	(N/A)	549.15	0.099	0.05
MH-4416	550.49	549.34	(N/A)	(N/A)	548.25	0.174	0.04
MH-4378	550.51	549.36	(N/A)	(N/A)	549.21	0.063	0.02
MH-4300	550.52	(N/A)	(N/A)	(N/A)	549.37	0.056	0.03
MH-4531	550.53	(N/A)	(N/A)	(N/A)	549.38	0.203	0.07
MH-2383	550.57	549.34	549.34	(N/A)	549.34	0.254	0.07
MH-2382	550.63	549.44	(N/A)	(N/A)	549.44	0.04	0.02
MH-5058	550.65	549.02	(N/A)	(N/A)	549.02	0.152	0.04
MH-4273	550.66	(N/A)	(N/A)	(N/A)	549.51	0.035	0.03
MH-4242	550.66	549.47	(N/A)	(N/A)	549.47	0.038	0.03
MH-4689	550.66	549.51	549.12	(N/A)	549.12	0.152	0.06
MH-4642	550.75	(N/A)	(N/A)	(N/A)	549.6	0.067	0.02
MH-4743	550.75	549.18	548.44	(N/A)	547.27	159.184	0.72
MH-4301	550.77	549.34	(N/A)	(N/A)	549.34	0.073	0.03
MH-4718	550.85	549.7	(N/A)	(N/A)	549.7	0.154	0.04
MH-4737	551.13	549.96	(N/A)	(N/A)	549.96	0.018	0.02
MH-4846	551.13	(N/A)	(N/A)	(N/A)	549.98	0.03	0.02
MH-4414	551.13	549.98	(N/A)	(N/A)	549.8	0.055	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-4770	551.17	(N/A)	(N/A)	(N/A)	550.02	0.006	0.01
MH-4742	551.19	549.39	(N/A)	(N/A)	549.39	1.156	0.1
MH-4728	551.21	549.89	(N/A)	(N/A)	549.89	0.031	0.03
MH-4521	551.24	550.09	(N/A)	(N/A)	550.09	0.083	0.03
MH-4678	551.25	549.83	(N/A)	(N/A)	549.83	0.039	0.03
MH-4520	551.3	(N/A)	(N/A)	(N/A)	550.15	0.021	0.02
MH-4767	551.32	549.12	(N/A)	(N/A)	548.92	154.683	0.82
MH-4679	551.36	549.78	(N/A)	(N/A)	549.78	0.053	0.03
MH-4704	551.37	548.83	549.97	(N/A)	548.69	157.955	0.72
MH-4792	551.47	(N/A)	(N/A)	(N/A)	550.28	0.034	0.02
MH-4747	551.53	549.72	(N/A)	(N/A)	549.72	0.065	0.04
MH-4849	551.61	550.46	(N/A)	(N/A)	550.23	0.255	0.05
MH-1840	551.63	549.62	(N/A)	(N/A)	549.62	1.12	0.1
MH-4413	551.68	550.53	(N/A)	(N/A)	550.35	0.046	0.02
MH-4748	551.73	549.65	(N/A)	(N/A)	549.65	0.088	0.04
MH-1839	551.77	549.7	(N/A)	(N/A)	549.7	1.106	0.1
MH-4946	551.78	548.68	(N/A)	(N/A)	548.65	0.599	0.07
MH-4759	551.81	550.66	550.34	(N/A)	550.34	0.718	0.08
MH-4377	551.85	550.7	(N/A)	(N/A)	550.68	0.624	0.07
MH-4513	551.94	549.84	(N/A)	(N/A)	549.84	1.082	0.1
MH-4698	551.95	549.3	(N/A)	(N/A)	548.74	0.145	0.04
MH-4417	552.07	550.92	(N/A)	(N/A)	549.71	0.171	0.04
MH-4697	552.07	549.35	(N/A)	(N/A)	549.35	0.137	0.05
MH-4735	552.08	549.41	(N/A)	(N/A)	549.41	0.128	0.05
MH-4863	552.09	549.52	(N/A)	(N/A)	549.52	0.112	0.05
MH-4249	552.12	550.04	550.97	(N/A)	550	1.05	0.09
MH-4550	552.13	550.73	(N/A)	(N/A)	550.52	3.198	0.14
MH-4457	552.2	551.05	(N/A)	(N/A)	551.05	0.06	0.02
MH-4376	552.3	551.15	(N/A)	(N/A)	551.06	0.584	0.08
MH-4950	552.3	(N/A)	(N/A)	(N/A)	551.08	2.517	0.14
MH-4248	552.31	551.16	(N/A)	(N/A)	551.16	0.305	0.05
MH-4630	552.39	551.24	(N/A)	(N/A)	551.02	0.036	0.02
MH-4552	552.48	551.33	(N/A)	(N/A)	551.33	0.318	0.05
MH-4456	552.59	(N/A)	(N/A)	(N/A)	551.43	0.039	0.02
MH-4386	552.61	551.46	(N/A)	(N/A)	551.46	0.287	0.05
MH-4551	552.63	551.48	(N/A)	(N/A)	551.48	0.179	0.04
MH-4549	552.66	551.26	(N/A)	(N/A)	551.14	3.159	0.13
MH-4539	552.79	551.64	(N/A)	(N/A)	551.56	0.556	0.07
MH-4795	552.89	(N/A)	(N/A)	(N/A)	551.74	0.117	0.04
MH-3913	553.04	551.89	(N/A)	(N/A)	551.31	0.166	0.04
MH-4629	553.1	551.95	(N/A)	(N/A)	551.71	0.026	0.02
MH-1219	553.12	551.97	(N/A)	(N/A)	551.97	0.16	0.05
MH-1220	553.18	552.03	(N/A)	(N/A)	552.03	0.157	0.04
MH-4580	553.23	551.7	(N/A)	(N/A)	551.7	3.11	0.13
MH-4527	553.29	551.97	(N/A)	(N/A)	551.97	0.526	0.07
MH-826	553.29	552.14	(N/A)	(N/A)	552.14	0.151	0.04
MH-827	553.35	552.18	(N/A)	(N/A)	552.18	0.15	0.05
MH-1117	553.37	552.2	(N/A)	(N/A)	552.2	0.072	0.04
MH-3753	553.38	(N/A)	(N/A)	(N/A)	552.23	0.067	0.04
MH-4875	553.66	(N/A)	(N/A)	(N/A)	552.51	0.228	0.05
MH-1501	553.75	552.6	(N/A)	(N/A)	552.6	0.306	0.09

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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-4565	553.75	551.94	(N/A)	(N/A)	551.94	3.052	0.13
MH-4428	553.78	552.21	(N/A)	(N/A)	552.21	0.491	0.07
MH-4706	553.91	(N/A)	(N/A)	(N/A)	552.49	0.015	0.01
MH-1500	553.97	(N/A)	(N/A)	(N/A)	552.81	0.26	0.05
MH-4918	554.17	552.43	(N/A)	(N/A)	552.43	0.198	0.04
MH-4427	554.24	552.49	(N/A)	(N/A)	552.49	0.46	0.07
MH-4298	554.27	552.03	(N/A)	(N/A)	552.03	3	0.15
MH-4917	554.33	(N/A)	(N/A)	(N/A)	553.18	0.078	0.03
MH-4822	554.42	(N/A)	(N/A)	(N/A)	553.27	0.277	0.08
MH-4865	554.49	553.34	(N/A)	(N/A)	553.34	0.358	0.06
MH-1132	554.64	553.44	(N/A)	(N/A)	553.38	0.92	0.09
MH-4260	554.68	552.09	(N/A)	(N/A)	552.09	2.959	0.15
MH-4736	554.73	(N/A)	(N/A)	(N/A)	553.58	0.04	0.03
MH-4769	554.78	(N/A)	(N/A)	(N/A)	553.63	0.011	0.02
MH-4729	554.87	(N/A)	(N/A)	(N/A)	553.72	0.13	0.05
MH-4681	554.88	(N/A)	(N/A)	(N/A)	553.73	0.718	0.09
MH-45	554.88	553.3	(N/A)	(N/A)	553.3	0.923	0.09
MH-46	554.94	553.28	(N/A)	(N/A)	553.28	0.929	0.09
MH-4259	555.09	552.28	(N/A)	(N/A)	552.15	2.927	0.15
MH-2371	555.16	(N/A)	(N/A)	(N/A)	553.98	0.761	0.08
MH-4271	555.26	(N/A)	(N/A)	(N/A)	554.11	0.019	0.01
MH-1438	555.27	553.86	(N/A)	(N/A)	553.86	0.767	0.08
MH-661	555.32	554.17	(N/A)	(N/A)	554.17	0.014	0.02
MH-4389	555.34	(N/A)	(N/A)	(N/A)	554.19	0.366	0.06
MH-1108	555.36	553.77	553.79	(N/A)	553.77	0.789	0.08
MH-2202	555.36	(N/A)	(N/A)	(N/A)	554.21	0.006	0.01
MH-660	555.37	(N/A)	(N/A)	(N/A)	554.22	0.007	0.01
MH-4866	555.41	(N/A)	(N/A)	(N/A)	554.26	0.08	0.03
MH-2304	555.41	(N/A)	(N/A)	(N/A)	554.26	0.004	0.01
MH-2203	555.42	554.18	(N/A)	(N/A)	554.18	0.008	0.01
MH-970	555.44	553.69	553.87	(N/A)	553.65	1.159	0.1
MH-2305	555.48	554.24	(N/A)	(N/A)	554.24	0.007	0.01
MH-2259	555.49	(N/A)	(N/A)	(N/A)	554.34	0.004	0.01
MH-194	555.53	(N/A)	(N/A)	(N/A)	554.38	0.182	0.06
MH-971	555.53	553.59	553.63	(N/A)	553.53	1.804	0.13
MH-195	555.54	554.37	(N/A)	(N/A)	554.37	0.184	0.07
MH-2260	555.55	554.31	(N/A)	(N/A)	554.31	0.007	0.01
MH-341	555.55	554.15	553.74	(N/A)	553.74	0.637	0.08
MH-1666	555.56	553.52	(N/A)	(N/A)	553.52	0.054	0.03
MH-340	555.58	554.21	553.8	(N/A)	553.8	0.627	0.07
MH-3535	555.58	(N/A)	(N/A)	(N/A)	554.43	0.003	0.01
MH-4332	555.6	(N/A)	(N/A)	(N/A)	554.45	0.003	0.01
MH-3704	555.6	(N/A)	(N/A)	(N/A)	554.45	0.002	0.01
MH-548	555.6	554.35	554.35	(N/A)	554.35	0.527	0.07
MH-351	555.63	553.87	554.28	(N/A)	553.87	0.619	0.07
MH-1355	555.64	553.18	(N/A)	(N/A)	553.18	0.285	0.08
MH-4709	555.64	553.66	552.6	(N/A)	552.6	2.498	0.16
MH-200	555.65	554.5	(N/A)	(N/A)	554.5	0.285	0.08
MH-240	555.68	554.53	554.49	(N/A)	554.49	0.34	0.06
MH-1209	555.68	(N/A)	(N/A)	(N/A)	554.53	0.012	0.02
MH-956	555.71	553.56	(N/A)	(N/A)	553.56	0.018	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-674	555.71	554.14	554.56	(N/A)	554.12	0.599	0.07
MH-1525	555.71	554.12	553.06	(N/A)	553.06	0.956	0.09
MH-324	555.71	553.94	554.41	(N/A)	553.94	0.609	0.07
MH-1866	555.73	553.44	554.38	(N/A)	553.44	1.886	0.13
MH-579	555.74	554.4	554.4	(N/A)	554.4	0.072	0.04
MH-2089	555.75	554.14	(N/A)	(N/A)	554.14	0.019	0.02
MH-73	555.75	(N/A)	(N/A)	(N/A)	554.6	0.278	0.07
MH-580	555.75	554.42	554.42	(N/A)	554.42	0.062	0.04
MH-74	555.75	554.59	(N/A)	(N/A)	554.59	0.283	0.05
MH-323	555.78	554	(N/A)	(N/A)	554	0.603	0.07
MH-1954	555.78	553.38	(N/A)	(N/A)	553.38	1.907	0.13
MH-239	555.78	(N/A)	(N/A)	(N/A)	554.63	0.052	0.02
MH-147	555.8	554.65	(N/A)	(N/A)	554.65	0.069	0.03
MH-2000	555.83	554.68	(N/A)	(N/A)	554.68	0.051	0.02
MH-1667	555.83	552.73	553.5	(N/A)	552.73	2.094	0.14
MH-508	555.87	554.48	(N/A)	(N/A)	554.48	0.021	0.06
MH-146	555.87	554.72	(N/A)	(N/A)	554.72	0.066	0.02
MH-1356	555.89	552.78	553.16	(N/A)	552.78	1.928	0.13
MH-3670	555.93	553.31	(N/A)	(N/A)	553.31	1.965	0.13
MH-1614	555.93	(N/A)	(N/A)	(N/A)	554.78	0.026	0.02
MH-957	555.94	553.55	552.83	(N/A)	552.83	1.597	0.11
MH-1210	555.97	554.51	(N/A)	(N/A)	554.51	0.019	0.03
MH-183	555.97	554.82	(N/A)	(N/A)	554.82	0.04	0.02
MH-1473	556	552.98	554.35	(N/A)	552.92	1.522	0.11
MH-509	556.06	554.68	554.47	(N/A)	554.47	0.523	0.07
MH-184	556.07	(N/A)	(N/A)	(N/A)	554.92	0.033	0.02
MH-3510	556.09	554.56	(N/A)	(N/A)	554.56	11.786	0.33
MH-3509	556.09	554.59	(N/A)	(N/A)	554.59	11.753	0.35
MH-3516	556.11	553.23	553.99	554.53	552.3	143.983	0.72
MH-4032	556.12	554.62	(N/A)	(N/A)	554.62	11.704	0.36
MH-2503	556.21	554.71	(N/A)	(N/A)	554.71	11.656	0.3
MH-4703	556.25	(N/A)	(N/A)	(N/A)	555.1	0.438	0.06
MH-2502	556.35	554.85	(N/A)	(N/A)	554.85	11.614	0.25
MH-3490	556.59	555.09	(N/A)	(N/A)	555.09	11.581	0.25
MH-3489	556.87	555.37	(N/A)	(N/A)	555.37	11.557	0.25
MH-1228	557.31	555.69	(N/A)	(N/A)	555.69	11.534	0.25
MH-1227	557.33	555.83	(N/A)	(N/A)	555.83	11.324	0.24
MH-3817	557.4	555.9	(N/A)	(N/A)	555.9	11.201	0.28
MH-3787	557.43	555.93	(N/A)	(N/A)	555.93	11.008	0.32
MH-3786	557.56	556.06	(N/A)	(N/A)	556.06	10.834	0.24
MH-4159	557.62	556.12	(N/A)	(N/A)	556.12	10.655	0.29
MH-3596	557.79	556.29	(N/A)	(N/A)	556.29	10.452	0.23
MH-3595	557.91	556.41	(N/A)	(N/A)	556.41	10.302	0.23
MH-4944	558.11	555.73	(N/A)	(N/A)	554.78	129.416	0.7
MH-4228	558.22	556.72	(N/A)	(N/A)	556.72	10.194	0.23
MH-4922	558.26	556.44	556.36	(N/A)	556.06	126.64	0.85
MH-3734	558.75	557.25	(N/A)	(N/A)	557.06	10.031	0.23
MH-3733	559.27	557.54	(N/A)	(N/A)	557.54	9.836	0.23
MH-3949	559.85	557.57	(N/A)	(N/A)	557.57	9.726	0.3
MH-2092	560.4	557.6	(N/A)	(N/A)	557.6	9.582	0.31
MH-4864	560.55	558.73	559.37	(N/A)	556.91	50.315	0.47

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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-2107	560.65	559.5	(N/A)	(N/A)	559.5	0.206	0.07
MH-870	560.69	559.54	(N/A)	(N/A)	559.54	0.091	0.04
MH-871	560.72	(N/A)	(N/A)	(N/A)	559.57	0.024	0.02
MH-2091	560.88	559.1	557.68	(N/A)	557.63	9.504	0.32
MH-4374	560.9	(N/A)	(N/A)	(N/A)	559.75	0.041	0.03
MH-4554	560.95	(N/A)	(N/A)	(N/A)	559.8	0.31	0.08
MH-2820	560.97	559.15	(N/A)	(N/A)	559.15	2.234	0.15
MH-4616	561	559.85	559.4	(N/A)	559.31	1.733	0.12
MH-3369	561.02	559.21	(N/A)	(N/A)	559.21	2.188	0.15
MH-1970	561.04	559.86	559.89	(N/A)	559.64	1.621	0.12
MH-3370	561.07	559.28	(N/A)	(N/A)	559.28	2.105	0.14
MH-4615	561.08	559.2	(N/A)	(N/A)	559.2	1.917	0.13
MH-1054	561.1	(N/A)	(N/A)	(N/A)	559.95	0.017	0.02
MH-2106	561.12	559.95	559.47	(N/A)	559.35	2.063	0.14
MH-2734	561.41	560.26	(N/A)	(N/A)	560.17	0.243	0.05
MH-4766	561.41	560.26	559	(N/A)	559	2.231	0.15
MH-620	561.42	559.93	(N/A)	(N/A)	559.93	0.035	0.03
MH-550	561.5	559.91	(N/A)	(N/A)	559.91	0.054	0.05
MH-4320	561.57	559.72	(N/A)	(N/A)	559.72	0.07	0.04
MH-3429	561.58	560.23	(N/A)	(N/A)	560.23	0.414	0.06
MH-2733	561.66	560.51	(N/A)	(N/A)	560.51	0.196	0.04
MH-3123	561.66	560.51	(N/A)	(N/A)	560.51	0.339	0.06
MH-117	561.67	557.73	559.59	(N/A)	557.73	7.24	0.28
MH-4848	561.68	559.98	(N/A)	(N/A)	559.95	0.607	0.07
MH-2144	561.72	559.76	(N/A)	(N/A)	559.76	0.4	0.06
MH-813	561.73	560.58	559.69	(N/A)	559.69	0.439	0.06
MH-4757	561.74	558.85	560.59	(N/A)	558.72	2.583	0.14
MH-549	561.76	560.61	559.9	(N/A)	559.9	0.119	0.06
MH-776	561.76	560.61	559.85	(N/A)	559.85	0.354	0.06
MH-777	561.77	560.62	559.86	(N/A)	559.86	0.274	0.07
MH-872	561.78	560.63	559.88	(N/A)	559.88	0.195	0.07
MH-2368	561.8	559.98	559.84	560.65	559.09	75.724	0.55
MH-1079	561.83	560.68	(N/A)	(N/A)	560.68	0.074	0.04
MH-3464	561.87	560.72	(N/A)	(N/A)	560.72	0.199	0.05
MH-3117	561.87	560.72	(N/A)	(N/A)	560.72	0.266	0.05
MH-1080	561.89	560.66	560.71	(N/A)	560.37	1.81	0.13
MH-3061	561.92	560.77	(N/A)	(N/A)	560.77	0.143	0.04
MH-4683	561.92	557.75	(N/A)	(N/A)	557.75	6.779	0.27
MH-2367	561.95	560.73	(N/A)	(N/A)	560.73	2.73	0.15
MH-2964	561.95	560.8	(N/A)	(N/A)	560.8	0.183	0.05
MH-4752	561.99	560.84	(N/A)	(N/A)	560.84	0.403	0.06
MH-3116	562.06	560.91	(N/A)	(N/A)	560.91	0.193	0.04
MH-4753	562.07	(N/A)	(N/A)	(N/A)	560.92	0.19	0.06
MH-4825	562.08	558.44	(N/A)	(N/A)	558.44	2.82	0.14
MH-3107	562.18	561.03	(N/A)	(N/A)	561.03	0.079	0.03
MH-4321	562.21	559.68	(N/A)	(N/A)	559.68	0.106	0.05
MH-2145	562.22	559.54	(N/A)	(N/A)	559.54	0.446	0.07
MH-2236	562.24	561.09	(N/A)	(N/A)	560.85	0.065	0.02
MH-2963	562.26	561.11	(N/A)	(N/A)	561.1	0.162	0.04
MH-2241	562.27	561.12	(N/A)	(N/A)	560.88	0.056	0.02
MH-2349	562.3	561.15	(N/A)	(N/A)	560.9	0.055	0.02

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-3285	562.32	561.17	(N/A)	(N/A)	561.17	0.127	0.03
MH-3069	562.35	561.2	(N/A)	(N/A)	560.93	0.054	0.02
MH-3348	562.36	561.21	(N/A)	(N/A)	560.93	0.051	0.02
MH-4826	562.37	558.28	561.22	(N/A)	558.28	3.858	0.18
MH-4405	562.38	558.22	(N/A)	(N/A)	558.22	3.998	0.19
MH-4773	562.39	561.24	561.24	(N/A)	560.73	0.878	0.09
MH-2719	562.39	561.24	(N/A)	(N/A)	560.98	0.056	0.02
MH-3252	562.43	(N/A)	(N/A)	(N/A)	561.28	0.029	0.02
MH-314	562.5	561.35	559.98	(N/A)	559.25	48.568	0.46
MH-4708	562.54	561.37	(N/A)	(N/A)	560.7	1.335	0.11
MH-2756	562.56	561.41	(N/A)	(N/A)	561.41	0.069	0.02
MH-4765	562.59	561.44	(N/A)	(N/A)	560.93	0.144	0.04
MH-2902	562.6	561.38	(N/A)	(N/A)	561.03	2.627	0.15
MH-4772	562.61	561.46	(N/A)	(N/A)	561.46	0.163	0.04
MH-1323	562.68	561.5	(N/A)	(N/A)	561.13	1.656	0.12
MH-246	562.69	561.54	(N/A)	(N/A)	561.47	0.724	0.08
MH-3339	562.72	561.57	(N/A)	(N/A)	561.41	0.137	0.04
MH-4860	562.78	558.03	(N/A)	(N/A)	558.03	4.115	0.22
MH-4229	562.79	557.99	561.57	(N/A)	557.99	5.106	0.24
MH-4774	562.8	(N/A)	(N/A)	(N/A)	561.65	0.113	0.04
MH-2406	562.8	557.96	(N/A)	(N/A)	557.96	5.139	0.24
MH-3419	562.82	561.67	(N/A)	(N/A)	561.39	0.04	0.02
MH-2755	562.83	(N/A)	(N/A)	(N/A)	561.68	0.026	0.02
MH-2856	562.84	561.69	(N/A)	(N/A)	561.42	0.037	0.02
MH-2303	562.84	561.69	559.28	557.93	557.93	5.737	0.25
MH-3287	562.87	561.72	(N/A)	(N/A)	561.45	0.034	0.02
MH-245	562.88	561.6	561.73	(N/A)	561.6	0.718	0.08
MH-2076	562.89	561.63	(N/A)	(N/A)	561.63	0.197	0.07
MH-2313	562.9	561.75	559.65	557.91	557.91	6.053	0.25
MH-3375	562.9	561.66	(N/A)	(N/A)	561.66	0.168	0.06
MH-3365	562.9	561.73	(N/A)	(N/A)	561.73	0.092	0.04
MH-3404	562.9	561.69	(N/A)	(N/A)	561.69	0.137	0.06
MH-3364	562.91	(N/A)	(N/A)	(N/A)	561.76	0.036	0.03
MH-2642	562.92	561.77	(N/A)	(N/A)	561.49	0.033	0.02
MH-2174	562.92	557.87	561.77	(N/A)	557.82	6.758	0.27
MH-3016	562.92	561.77	(N/A)	(N/A)	561.5	0.032	0.02
MH-3043	562.96	561.81	(N/A)	(N/A)	561.54	0.032	0.02
MH-4484	563.05	(N/A)	(N/A)	(N/A)	561.9	0.024	0.02
MH-1322	563.06	561.88	(N/A)	(N/A)	561.7	1.605	0.12
MH-1925	563.09	560.1	561.82	(N/A)	560.1	47.664	0.54
MH-3338	563.13	561.98	(N/A)	(N/A)	561.87	0.11	0.03
MH-4809	563.23	562.08	(N/A)	(N/A)	561.42	0.161	0.04
MH-2565	563.28	562.06	(N/A)	(N/A)	561.68	2.592	0.15
MH-4317	563.32	(N/A)	(N/A)	(N/A)	562.17	0.01	0.02
MH-4033	563.35	(N/A)	(N/A)	(N/A)	562.2	0.059	0.03
MH-2302	563.38	562.23	(N/A)	(N/A)	561.97	0.133	0.03
MH-3445	563.39	(N/A)	(N/A)	(N/A)	561.97	0.014	0.01
MH-3163	563.42	(N/A)	(N/A)	(N/A)	561.99	0.017	0.01
MH-2312	563.44	562.29	(N/A)	(N/A)	562.03	0.18	0.04
MH-3377	563.44	(N/A)	(N/A)	(N/A)	562.02	0.014	0.01
MH-2641	563.49	(N/A)	(N/A)	(N/A)	562.06	0.012	0.01

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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-1750	563.49	562.16	562.22	(N/A)	562.04	1.92	0.12
MH-3326	563.49	562.34	562.34	(N/A)	562.02	0.674	0.08
MH-3015	563.5	(N/A)	(N/A)	(N/A)	562.07	0.012	0.01
MH-3180	563.5	561.86	(N/A)	(N/A)	561.86	0.045	0.03
MH-1774	563.51	562.3	(N/A)	(N/A)	562.3	0.152	0.04
MH-1775	563.52	562.13	562.37	(N/A)	562.13	0.485	0.07
MH-3026	563.52	562.37	(N/A)	(N/A)	562.37	0.175	0.06
MH-3475	563.53	562.38	(N/A)	(N/A)	562.28	0.08	0.03
MH-3247	563.53	(N/A)	(N/A)	(N/A)	562.11	0.013	0.01
MH-3376	563.53	562.33	(N/A)	(N/A)	562.33	0.123	0.05
MH-3113	563.55	562.36	(N/A)	(N/A)	562.36	0.088	0.04
MH-3112	563.55	562.39	(N/A)	(N/A)	562.39	0.054	0.03
MH-3027	563.56	562.41	(N/A)	(N/A)	562.41	0.152	0.05
MH-3284	563.57	(N/A)	(N/A)	(N/A)	562.42	0.021	0.02
MH-2283	563.58	562.41	(N/A)	(N/A)	561.92	1.235	0.11
MH-3346	563.6	562.45	562.45	(N/A)	562.45	0.121	0.04
MH-4578	563.62	562.47	562.47	(N/A)	562.47	0.06	0.04
MH-202	563.64	(N/A)	(N/A)	(N/A)	562.49	0.013	0.02
MH-203	563.64	562.47	(N/A)	(N/A)	562.19	1.558	0.12
MH-4230	563.65	561.86	(N/A)	(N/A)	561.86	0.938	0.09
MH-4842	563.69	562.54	562.24	(N/A)	562.24	0.636	0.08
MH-4140	563.72	562.57	(N/A)	(N/A)	562.14	0.079	0.03
MH-4667	563.72	561.65	(N/A)	(N/A)	561.65	0.16	0.06
MH-4437	563.74	(N/A)	(N/A)	(N/A)	562.59	0.06	0.04
MH-3381	563.75	(N/A)	(N/A)	(N/A)	562.6	0.028	0.02
MH-4090	563.77	562.13	(N/A)	(N/A)	562.13	0.017	0.02
MH-4139	563.8	(N/A)	(N/A)	(N/A)	562.65	0.035	0.02
MH-3179	563.83	561.83	(N/A)	(N/A)	561.83	0.073	0.04
MH-1760	563.83	562.61	562.61	(N/A)	562.36	2.571	0.15
MH-1749	563.87	562.6	(N/A)	(N/A)	562.45	1.843	0.11
MH-3437	563.9	562.75	(N/A)	(N/A)	562.67	0.049	0.02
MH-1759	563.95	562.73	(N/A)	(N/A)	562.73	1.411	0.11
MH-938	563.95	562.77	(N/A)	(N/A)	562.63	1.523	0.12
MH-4517	564	561.6	(N/A)	(N/A)	561.6	0.175	0.06
MH-4091	564	562.1	(N/A)	(N/A)	562.1	0.023	0.02
MH-1611	564	562.07	(N/A)	(N/A)	562.07	0.028	0.03
MH-1212	564	561.23	562.57	562.08	560.48	44.615	0.59
MH-1201	564	562.75	562.85	562.68	562.1	40.353	0.49
MH-3233	564	562.57	(N/A)	(N/A)	562.57	0.037	0.03
MH-899	564	561.56	561.98	(N/A)	561.56	0.395	0.06
MH-1923	564	562.83	(N/A)	(N/A)	562.78	0.884	0.08
MH-2215	564.02	562.8	(N/A)	(N/A)	562.62	3.858	0.18
MH-2880	564.05	561.71	(N/A)	(N/A)	561.71	0.142	0.06
MH-645	564.07	562.92	(N/A)	(N/A)	562.65	0.472	0.07
MH-2823	564.08	562.85	(N/A)	(N/A)	562.85	1.401	0.11
MH-59	564.09	562.94	562.94	(N/A)	562.94	0.084	0.03
MH-2282	564.1	562.93	(N/A)	(N/A)	562.69	1.186	0.1
MH-1057	564.1	562.95	(N/A)	(N/A)	562.95	0.007	0.01
MH-3313	564.11	561.8	(N/A)	(N/A)	561.8	0.099	0.05
MH-2074	564.12	562.97	562.77	(N/A)	562.77	0.283	0.05
MH-3150	564.16	(N/A)	(N/A)	(N/A)	562.94	1.377	0.12

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MH-793	564.17	562.98	563.02	(N/A)	562.98	0.179	0.04
MH-4831	564.17	563.02	(N/A)	(N/A)	562.17	0.938	0.1
MH-3436	564.18	(N/A)	(N/A)	(N/A)	563.03	0.021	0.01
MH-3004	564.18	562.54	(N/A)	(N/A)	562.54	0.045	0.03
MH-792	564.19	562.99	(N/A)	(N/A)	562.99	0.105	0.05
MH-3351	564.19	563.02	(N/A)	(N/A)	563.02	0.077	0.04
MH-898	564.2	562	(N/A)	(N/A)	562	0.214	0.07
MH-3350	564.2	(N/A)	(N/A)	(N/A)	563.05	0.032	0.03
MH-58	564.21	563.06	(N/A)	(N/A)	563.02	0.006	0.01
MH-3371	564.23	562.96	(N/A)	(N/A)	562.96	1.6	0.11
MH-2881	564.27	561.74	(N/A)	(N/A)	561.74	0.128	0.05
MH-3372	564.29	562.88	(N/A)	(N/A)	562.88	1.662	0.12
MH-2790	564.29	563.08	(N/A)	(N/A)	562.91	1.153	0.1
MH-3403	564.3	561.77	(N/A)	(N/A)	561.77	0.116	0.05
MH-4762	564.33	(N/A)	(N/A)	(N/A)	563.18	0.058	0.04
MH-3218	564.35	562.79	(N/A)	(N/A)	562.79	1.803	0.11
MH-915	564.35	563.2	563.2	(N/A)	563.13	0.072	0.03
MH-646	564.36	563.21	(N/A)	(N/A)	563.07	0.431	0.06
MH-2771	564.36	(N/A)	(N/A)	(N/A)	563.21	0.017	0.02
MH-821	564.37	562.05	(N/A)	(N/A)	562.05	0.032	0.05
MH-4566	564.39	(N/A)	(N/A)	(N/A)	562.87	0.041	0.02
MH-4786	564.4	563.25	563.25	(N/A)	563.25	0.284	0.05
MH-4577	564.42	(N/A)	(N/A)	(N/A)	562.9	0.03	0.02
MH-1742	564.44	563.29	563.29	(N/A)	562.81	0.142	0.04
MH-4438	564.45	562.55	(N/A)	(N/A)	562.55	0.105	0.05
MH-3790	564.46	563.31	563.28	(N/A)	563.13	0.881	0.09
MH-1741	564.47	563.32	(N/A)	(N/A)	563.32	0.079	0.04
MH-907	564.48	563.33	(N/A)	(N/A)	563.19	0.051	0.02
MH-1056	564.48	563.33	(N/A)	(N/A)	563.13	0.005	0.01
MH-4584	564.49	562.04	(N/A)	(N/A)	562.04	0.888	0.08
MH-5037	564.5	563.35	(N/A)	(N/A)	563.11	0.23	0.05
MH-1174	564.52	563.34	(N/A)	(N/A)	563.07	1.475	0.12
MH-751	564.52	563.3	(N/A)	(N/A)	563.1	3.832	0.18
MH-4675	564.55	563.4	(N/A)	(N/A)	562.84	0.087	0.03
MH-1172	564.57	563.42	(N/A)	(N/A)	563.25	0.004	0.01
MH-1578	564.57	563.42	(N/A)	(N/A)	563.23	0.062	0.02
MH-829	564.58	563.43	(N/A)	(N/A)	563.37	0.005	0.01
MH-445	564.64	563.49	563.49	(N/A)	563.39	0.059	0.02
MH-2772	564.64	563.19	(N/A)	(N/A)	563.19	0.037	0.03
MH-4621	564.66	(N/A)	(N/A)	(N/A)	563.51	0.036	0.03
MH-2789	564.69	563.38	(N/A)	(N/A)	563.38	1.141	0.1
MH-819	564.71	563.39	563.56	(N/A)	563.39	0.408	0.06
MH-4781	564.72	563.57	(N/A)	(N/A)	563.57	0.173	0.04
MH-160	564.72	562.43	562.03	(N/A)	562.03	0.211	0.07
MH-3005	564.72	562.51	(N/A)	(N/A)	562.51	0.052	0.03
MH-444	564.74	563.59	(N/A)	(N/A)	563.59	0.005	0.01
MH-4227	564.75	(N/A)	(N/A)	(N/A)	563.6	0.028	0.02
MH-4827	564.78	(N/A)	(N/A)	(N/A)	562.97	0.071	0.03
MH-2598	564.78	(N/A)	(N/A)	(N/A)	563.63	0.018	0.02
MH-1048	564.8	(N/A)	(N/A)	(N/A)	563.51	0.03	0.02
MH-2599	564.82	563.6	(N/A)	(N/A)	563.6	0.044	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-750	564.82	563.61	(N/A)	(N/A)	563.46	3.801	0.18
MH-811	564.84	563.16	(N/A)	(N/A)	563.16	0.048	0.03
MH-4037	564.85	563.57	(N/A)	(N/A)	563.57	0.071	0.06
MH-828	564.87	563.72	(N/A)	(N/A)	563.6	0.003	0.01
MH-1156	564.87	563.54	563.7	(N/A)	563.51	1.423	0.11
MH-494	564.88	563.73	(N/A)	(N/A)	563.63	0.037	0.02
MH-159	564.92	562.44	(N/A)	(N/A)	562.44	0.177	0.06
MH-1291	564.92	(N/A)	(N/A)	(N/A)	563.53	0.002	0
MH-5036	564.95	563.65	(N/A)	(N/A)	563.65	0.23	0.05
MH-3685	564.95	563.78	(N/A)	(N/A)	563.6	0.791	0.08
MH-1577	564.97	(N/A)	(N/A)	(N/A)	563.64	0.027	0.02
MH-145	564.97	563.82	(N/A)	(N/A)	563.82	0.008	0.01
MH-820	565.03	563.73	563.88	(N/A)	563.73	0.366	0.06
MH-1495	565.04	563.89	563.89	(N/A)	563.65	0.085	0.03
MH-1706	565.04	(N/A)	(N/A)	(N/A)	563.65	0.002	0
MH-1325	565.05	563.45	(N/A)	(N/A)	563.45	1.534	0.1
MH-4182	565.06	(N/A)	(N/A)	(N/A)	563.91	0.012	0.01
MH-3283	565.07	563.6	(N/A)	(N/A)	563.6	1.13	0.09
MH-812	565.07	563.14	(N/A)	(N/A)	563.14	0.058	0.03
MH-4460	565.07	563.92	563.92	(N/A)	563.92	0.23	0.05
MH-144	565.08	563.93	(N/A)	(N/A)	563.92	0.005	0.01
MH-1427	565.09	563.2	560.29	(N/A)	560.29	45.681	0.59
MH-470	565.09	563.94	(N/A)	(N/A)	563.83	0.003	0.01
MH-4385	565.11	563.94	(N/A)	(N/A)	563.47	1.142	0.1
MH-1162	565.13	563.98	(N/A)	(N/A)	563.98	0.053	0.02
MH-4297	565.14	(N/A)	(N/A)	(N/A)	563.99	0.013	0.02
MH-3383	565.14	563.46	563.99	(N/A)	563.46	0.181	0.07
MH-4466	565.15	564	563.33	(N/A)	560.4	72.356	0.6
MH-4724	565.15	(N/A)	(N/A)	(N/A)	564	0.039	0.02
MH-214	565.15	563.02	562.46	(N/A)	562.46	0.175	0.06
MH-2791	565.17	563.95	(N/A)	(N/A)	563.95	0.036	0.03
MH-2792	565.19	563.92	(N/A)	(N/A)	563.92	0.061	0.05
MH-4486	565.22	564.07	(N/A)	(N/A)	563.71	0.055	0.02
MH-867	565.23	(N/A)	(N/A)	(N/A)	563.89	0.001	0
MH-1155	565.23	564.05	563.89	(N/A)	563.87	1.315	0.11
MH-2885	565.24	(N/A)	(N/A)	(N/A)	564.09	0.025	0.02
MH-213	565.25	562.48	(N/A)	(N/A)	562.48	0.057	0.04
MH-426	565.27	564.12	(N/A)	(N/A)	564.06	0.003	0.01
MH-1324	565.27	563.63	564.12	(N/A)	563.51	1.42	0.1
MH-359	565.28	564.13	(N/A)	(N/A)	564.13	0.05	0.02
MH-2886	565.28	564.07	(N/A)	(N/A)	564.07	0.066	0.04
MH-1073	565.3	562.26	(N/A)	(N/A)	562.22	0.836	0.08
MH-1579	565.32	564.04	(N/A)	(N/A)	564.04	0.095	0.05
MH-1580	565.32	564.01	564.17	(N/A)	564.01	0.233	0.07
MH-4459	565.34	564.19	(N/A)	(N/A)	564.19	0.081	0.03
MH-1939	565.34	563.99	564.19	(N/A)	563.99	0.351	0.06
MH-427	565.34	562.5	(N/A)	(N/A)	562.5	0.147	0.05
MH-1426	565.34	564.19	563.34	(N/A)	563.27	1.045	0.09
MH-469	565.37	(N/A)	(N/A)	(N/A)	564.08	0.001	0
MH-358	565.38	564.23	564.23	(N/A)	564.23	0.047	0.02
MH-2985	565.39	563.43	(N/A)	(N/A)	563.43	0.225	0.07

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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-825	565.4	563.03	(N/A)	(N/A)	563.03	0.117	0.05
MH-1343	565.42	564.08	564.27	(N/A)	564.08	0.334	0.06
MH-4221	565.46	(N/A)	(N/A)	(N/A)	564.31	0.014	0.01
MH-3684	565.48	564.31	(N/A)	(N/A)	564.08	0.786	0.08
MH-2986	565.49	563.4	(N/A)	(N/A)	563.4	0.273	0.08
MH-36	565.5	564.34	(N/A)	(N/A)	564.34	0.714	0.08
MH-489	565.51	(N/A)	(N/A)	(N/A)	564.26	0.001	0
MH-2148	565.52	563.11	(N/A)	(N/A)	563.11	0.067	0.04
MH-35	565.52	564.37	(N/A)	(N/A)	564.37	0.691	0.08
MH-3302	565.52	563.7	(N/A)	(N/A)	563.7	1.114	0.1
MH-2992	565.52	563.37	(N/A)	(N/A)	563.37	0.311	0.08
MH-5035	565.52	563.87	564.37	(N/A)	563.75	0.836	0.09
MH-4195	565.53	(N/A)	(N/A)	(N/A)	564.38	0.014	0.02
MH-4806	565.53	564.38	(N/A)	(N/A)	564.38	0.267	0.08
MH-4674	565.53	(N/A)	(N/A)	(N/A)	563.91	0.032	0.02
MH-1832	565.55	564.38	564.4	(N/A)	564.38	0.323	0.06
MH-2690	565.56	564.34	(N/A)	(N/A)	564.34	0.036	0.03
MH-4592	565.57	563.11	(N/A)	(N/A)	563.11	0.278	0.08
MH-4812	565.58	564.3	(N/A)	(N/A)	564.3	0.352	0.06
MH-2691	565.58	564.31	(N/A)	(N/A)	564.31	0.064	0.05
MH-1277	565.6	564.42	564.28	(N/A)	564.25	1.217	0.11
MH-1454	565.6	563.07	562.49	(N/A)	562.46	0.575	0.07
MH-1420	565.61	562.35	564.46	(N/A)	562.35	0.794	0.08
MH-4716	565.63	(N/A)	(N/A)	(N/A)	564.48	0.045	0.02
MH-1853	565.64	563.93	564.49	(N/A)	562.59	39.374	0.44
MH-4687	565.66	564.51	(N/A)	(N/A)	564.29	0.128	0.03
MH-1852	565.67	564.52	(N/A)	(N/A)	564.52	0.065	0.04
MH-1298	565.69	564.48	(N/A)	(N/A)	563.91	3.745	0.18
MH-824	565.72	563.05	(N/A)	(N/A)	563.05	0.114	0.05
MH-4763	565.73	(N/A)	(N/A)	(N/A)	563.96	0.018	0.01
MH-294	565.73	564.58	(N/A)	(N/A)	564.4	0.118	0.03
MH-1421	565.74	564.59	(N/A)	(N/A)	564.59	0.178	0.04
MH-1869	565.74	564.59	(N/A)	(N/A)	564.52	0.915	0.08
MH-4712	565.74	(N/A)	(N/A)	(N/A)	564.59	0.041	0.02
MH-3047	565.76	564.61	(N/A)	(N/A)	564.26	0.028	0.02
MH-293	565.76	564.6	(N/A)	(N/A)	564.6	0.101	0.04
MH-3850	565.77	564.62	(N/A)	(N/A)	564.62	0.148	0.04
MH-4384	565.78	564.61	(N/A)	(N/A)	564.31	1.08	0.1
MH-2879	565.79	564.63	(N/A)	(N/A)	564.63	0.071	0.04
MH-2199	565.81	564.66	(N/A)	(N/A)	564.46	0.093	0.03
MH-3226	565.81	(N/A)	(N/A)	(N/A)	564.66	0.026	0.02
MH-1160	565.83	564.48	564.68	(N/A)	564.48	0.305	0.05
MH-4123	565.85	564.7	(N/A)	(N/A)	564.47	1.034	0.1
MH-4062	565.86	(N/A)	(N/A)	(N/A)	564.71	0.013	0.01
MH-2629	565.89	564.34	564.74	(N/A)	564.34	0.967	0.09
MH-1541	565.91	564.76	(N/A)	(N/A)	564.76	0.109	0.03
MH-3279	565.93	564.78	(N/A)	(N/A)	564.78	0.059	0.02
MH-1831	565.93	564.78	(N/A)	(N/A)	564.64	0.161	0.04
MH-3261	565.93	(N/A)	(N/A)	(N/A)	564.78	0.012	0.02
MH-2615	565.96	564.81	(N/A)	(N/A)	564.76	0.541	0.07
MH-2681	565.96	564.75	(N/A)	(N/A)	564.75	0.034	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-3393	565.97	563.81	(N/A)	(N/A)	563.81	1.098	0.1
MH-2682	565.98	564.73	(N/A)	(N/A)	564.73	0.062	0.03
MH-1597	565.98	564.83	564.83	(N/A)	564.83	0.131	0.03
MH-1010	565.99	564.84	(N/A)	(N/A)	564.5	0.038	0.02
MH-1136	566	564.66	564.83	(N/A)	564.64	1.11	0.1
MH-1868	566.03	564.88	(N/A)	(N/A)	564.83	0.732	0.08
MH-1372	566.05	564.9	(N/A)	(N/A)	564.46	0.008	0.01
MH-4611	566.07	(N/A)	(N/A)	(N/A)	564.51	0.018	0.01
MH-1542	566.07	(N/A)	(N/A)	(N/A)	564.92	0.033	0.02
MH-1653	566.09	564.91	(N/A)	(N/A)	564.65	0.781	0.08
MH-3138	566.17	563.08	565.02	(N/A)	563.08	0.11	0.05
MH-1161	566.19	564.86	565.04	(N/A)	564.86	0.27	0.05
MH-1453	566.19	(N/A)	(N/A)	(N/A)	565.04	0.005	0.01
MH-1468	566.19	564.47	565.04	(N/A)	564	39.253	0.44
MH-2630	566.2	564.23	(N/A)	(N/A)	564.23	0.976	0.09
MH-4688	566.2	(N/A)	(N/A)	(N/A)	565.03	0.071	0.03
MH-3156	566.2	565.05	565.05	(N/A)	565.05	0.038	0.02
MH-4115	566.22	(N/A)	(N/A)	(N/A)	565.07	0.012	0.01
MH-2975	566.22	565.07	(N/A)	(N/A)	564.41	0.093	0.03
MH-1467	566.24	565.09	(N/A)	(N/A)	565.09	0.012	0.01
MH-2432	566.24	565.09	(N/A)	(N/A)	565.09	0.108	0.03
MH-357	566.27	565.06	(N/A)	(N/A)	564.67	3.661	0.17
MH-717	566.3	565.15	565.15	(N/A)	564.91	0.02	0.01
MH-3421	566.3	(N/A)	(N/A)	(N/A)	565.15	0.013	0.02
MH-2614	566.32	565.17	(N/A)	(N/A)	565.11	0.43	0.06
MH-1996	566.33	565.18	(N/A)	(N/A)	565.03	0.154	0.04
MH-2775	566.33	565.12	(N/A)	(N/A)	565.12	0.033	0.03
MH-2991	566.35	565.2	(N/A)	(N/A)	564.96	0.064	0.02
MH-2776	566.35	565.09	(N/A)	(N/A)	565.09	0.059	0.03
MH-3434	566.36	563.91	(N/A)	(N/A)	563.91	1.084	0.1
MH-1135	566.37	565.04	565.19	(N/A)	565.01	1.007	0.1
MH-2787	566.37	(N/A)	(N/A)	(N/A)	565.22	0.007	0.01
MH-1009	566.37	565.22	565.22	(N/A)	565.02	0.033	0.02
MH-1652	566.38	565.23	565.2	(N/A)	565.14	0.777	0.08
MH-4122	566.39	565.24	(N/A)	(N/A)	565.01	0.939	0.1
MH-1596	566.4	565.25	(N/A)	(N/A)	565.05	0.006	0.01
MH-1093	566.46	565.31	(N/A)	(N/A)	565.31	0.02	0.01
MH-1382	566.51	565.36	(N/A)	(N/A)	565.36	0.008	0.01
MH-2087	566.52	564.11	(N/A)	(N/A)	564.11	0.981	0.09
MH-3544	566.53	565.38	(N/A)	(N/A)	565.38	0.093	0.03
MH-523	566.54	565.39	(N/A)	(N/A)	565.39	0.011	0.01
MH-716	566.57	(N/A)	(N/A)	(N/A)	565.3	0.004	0.01
MH-536	566.57	565.24	565.42	(N/A)	565.24	0.244	0.05
MH-356	566.58	565.43	565.36	(N/A)	565.18	3.624	0.17
MH-4194	566.61	(N/A)	(N/A)	(N/A)	565.46	0.014	0.01
MH-1903	566.61	565.46	(N/A)	(N/A)	565.46	0.074	0.03
MH-4793	566.62	565.47	(N/A)	(N/A)	565.21	0.189	0.04
MH-3222	566.63	565.48	(N/A)	(N/A)	565.34	0.038	0.02
MH-498	566.63	565.48	(N/A)	(N/A)	565.48	0.008	0.01
MH-4620	566.64	565.47	(N/A)	(N/A)	565.01	1.03	0.1
MH-1452	566.65	(N/A)	(N/A)	(N/A)	565.5	0.004	0.01

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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-1094	566.67	565.52	(N/A)	(N/A)	565.5	0.015	0.01
MH-3028	566.68	(N/A)	(N/A)	(N/A)	565.53	0.011	0.02
MH-1950	566.69	565.54	565.54	(N/A)	565.19	0.053	0.02
MH-3022	566.7	565.55	(N/A)	(N/A)	565.35	0.012	0.01
MH-2974	566.7	(N/A)	(N/A)	(N/A)	565.37	0.024	0.01
MH-4771	566.7	565.55	(N/A)	(N/A)	565.01	0.484	0.07
MH-3235	566.71	565.56	(N/A)	(N/A)	565.18	0.565	0.07
MH-3029	566.71	565.5	(N/A)	(N/A)	565.5	0.031	0.03
MH-1528	566.72	(N/A)	(N/A)	(N/A)	565.57	0.002	0.01
MH-497	566.73	565.58	(N/A)	(N/A)	565.58	0.005	0.01
MH-2088	566.74	564.02	565.59	(N/A)	564.02	1.071	0.09
MH-2561	566.74	565.47	(N/A)	(N/A)	565.47	0.055	0.03
MH-312	566.75	565.44	(N/A)	(N/A)	565.44	0.076	0.04
MH-313	566.75	565.42	565.58	(N/A)	565.39	0.907	0.09
MH-4217	566.78	565.63	(N/A)	(N/A)	565.63	0.285	0.05
MH-520	566.79	(N/A)	(N/A)	(N/A)	565.64	0.002	0
MH-3724	566.8	565.43	(N/A)	(N/A)	565.43	0.142	0.04
MH-2118	566.8	565.65	(N/A)	(N/A)	565.65	0.013	0.01
MH-1137	566.83	(N/A)	(N/A)	(N/A)	565.68	0.002	0.01
MH-663	566.83	565.68	565.68	(N/A)	565.43	0.021	0.01
MH-429	566.85	565.7	(N/A)	(N/A)	565.56	0.208	0.04
MH-1548	566.85	565.68	(N/A)	(N/A)	565.68	0.078	0.03
MH-1166	566.86	565.15	565.7	(N/A)	564.57	39.19	0.44
MH-430	566.86	(N/A)	(N/A)	(N/A)	565.71	0.01	0.01
MH-1165	566.87	565.72	(N/A)	(N/A)	565.72	0.04	0.03
MH-3065	566.88	565.67	(N/A)	(N/A)	565.67	2.903	0.16
MH-3007	566.89	(N/A)	(N/A)	(N/A)	565.5	0.02	0.01
MH-2998	566.91	565.76	(N/A)	(N/A)	565.76	0.034	0.03
MH-2340	566.92	565.75	(N/A)	(N/A)	565.75	0.068	0.02
MH-3572	566.92	(N/A)	(N/A)	(N/A)	565.55	0.003	0
MH-662	566.93	565.78	(N/A)	(N/A)	565.78	0.006	0.01
MH-3000	566.95	565.8	(N/A)	(N/A)	565.8	0.01	0.01
MH-152	566.95	(N/A)	(N/A)	(N/A)	565.8	0.002	0.01
MH-3388	566.96	(N/A)	(N/A)	(N/A)	565.81	0.005	0.01
MH-4408	566.98	(N/A)	(N/A)	(N/A)	565.83	0.033	0.03
MH-3532	567	565.84	(N/A)	(N/A)	565.84	0.178	0.06
MH-3823	567	565.54	(N/A)	(N/A)	565.54	0.734	0.08
MH-3822	567	565.67	(N/A)	(N/A)	565.67	0.729	0.08
MH-4949	567	565.29	565.52	564.19	564.19	72.004	0.6
MH-1685	567	565.58	(N/A)	(N/A)	565.58	3.23	0.16
MH-3728	567	565.81	(N/A)	(N/A)	565.81	0.186	0.04
MH-4207	567	565.85	(N/A)	(N/A)	565.83	0.709	0.08
MH-1865	567	565.39	565.42	(N/A)	565.35	0.935	0.09
MH-2098	567.01	(N/A)	(N/A)	(N/A)	565.86	0.002	0.01
MH-842	567.01	565.66	(N/A)	(N/A)	565.66	0.004	0.01
MH-873	567.02	565.87	(N/A)	(N/A)	565.6	0.697	0.08
MH-3531	567.02	565.87	(N/A)	(N/A)	565.87	0.163	0.06
MH-1472	567.02	565.47	(N/A)	(N/A)	565.47	0.103	0.05
MH-472	567.03	565.88	(N/A)	(N/A)	565.88	0.065	0.02
MH-1946	567.03	565.8	(N/A)	(N/A)	565.8	0.067	0.04
MH-843	567.04	565.55	565.55	(N/A)	565.55	0.009	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-2745	567.04	565.77	(N/A)	(N/A)	565.64	3.212	0.16
MH-153	567.05	565.79	(N/A)	(N/A)	565.79	0.004	0.01
MH-2917	567.06	565.74	(N/A)	(N/A)	565.74	0.148	0.06
MH-798	567.06	(N/A)	(N/A)	(N/A)	565.91	0.001	0
MH-1945	567.06	565.77	(N/A)	(N/A)	565.77	0.114	0.05
MH-3191	567.06	565.89	565.72	(N/A)	565.7	0.97	0.09
MH-3221	567.06	565.91	(N/A)	(N/A)	565.78	0.032	0.02
MH-471	567.07	565.92	(N/A)	(N/A)	565.92	0.059	0.03
MH-2617	567.08	565.93	(N/A)	(N/A)	565.93	0.026	0.02
MH-2912	567.08	565.93	(N/A)	(N/A)	565.93	0.203	0.04
MH-3293	567.08	(N/A)	(N/A)	(N/A)	565.93	0.019	0.02
MH-928	567.08	565.49	(N/A)	(N/A)	565.49	0.093	0.04
MH-3064	567.09	565.87	565.94	(N/A)	565.87	2.82	0.15
MH-1957	567.1	(N/A)	(N/A)	(N/A)	565.95	0.003	0.01
MH-1989	567.1	565.93	(N/A)	(N/A)	565.52	0.699	0.08
MH-3130	567.1	565.9	(N/A)	(N/A)	565.9	0.042	0.03
MH-2788	567.13	565.87	(N/A)	(N/A)	565.87	0.065	0.04
MH-779	567.13	565.51	(N/A)	(N/A)	565.51	0.088	0.04
MH-389	567.13	565.84	(N/A)	(N/A)	565.84	0.081	0.03
MH-390	567.13	565.79	565.77	(N/A)	565.77	0.799	0.08
MH-2099	567.15	565.83	(N/A)	(N/A)	565.83	0.005	0.01
MH-188	567.16	565.89	566.01	(N/A)	565.89	0.008	0.01
MH-778	567.17	565.52	565.74	(N/A)	565.52	0.085	0.04
MH-187	567.19	566.04	(N/A)	(N/A)	566.04	0.006	0.01
MH-3712	567.2	566.05	(N/A)	(N/A)	566.05	0.684	0.08
MH-2255	567.2	(N/A)	(N/A)	(N/A)	566.05	0.089	0.04
MH-2254	567.21	566.06	566.03	(N/A)	566.03	0.162	0.04
MH-3769	567.22	566.07	(N/A)	(N/A)	566.07	0.138	0.04
MH-1949	567.22	566.07	(N/A)	(N/A)	565.79	0.035	0.02
MH-3457	567.22	566.07	(N/A)	(N/A)	566.07	0.066	0.02
MH-619	567.23	566.08	565.96	(N/A)	565.96	3.193	0.15
MH-567	567.24	566.09	(N/A)	(N/A)	566.09	0.005	0.01
MH-1028	567.24	566.02	(N/A)	(N/A)	566.02	2.561	0.15
MH-650	567.24	(N/A)	(N/A)	(N/A)	566.09	0.004	0.01
MH-2258	567.25	566.1	(N/A)	(N/A)	566.1	0.063	0.02
MH-4745	567.27	566.12	(N/A)	(N/A)	566.12	0.105	0.03
MH-1551	567.27	565.76	(N/A)	(N/A)	565.76	0.074	0.04
MH-40	567.28	566.13	565.86	(N/A)	565.86	0.014	0.02
MH-39	567.29	566.14	(N/A)	(N/A)	566.14	0.005	0.01
MH-3021	567.3	(N/A)	(N/A)	(N/A)	565.84	0.006	0.01
MH-1051	567.3	(N/A)	(N/A)	(N/A)	566.15	0.003	0.01
MH-757	567.3	566.15	565.75	(N/A)	565.75	0.014	0.01
MH-468	567.3	565.8	(N/A)	(N/A)	565.8	0.007	0.02
MH-2911	567.3	(N/A)	(N/A)	(N/A)	566.15	0.05	0.02
MH-618	567.33	566.05	(N/A)	(N/A)	566.05	2.971	0.15
MH-1027	567.33	566.11	(N/A)	(N/A)	566.11	2.497	0.14
MH-172	567.34	565.79	565.79	(N/A)	565.79	0.052	0.03
MH-1042	567.35	566.2	(N/A)	(N/A)	566.2	0.004	0.01
MH-3349	567.36	566.21	(N/A)	(N/A)	565.86	0.451	0.07
MH-3780	567.37	566.22	(N/A)	(N/A)	566.22	0.109	0.03
MH-171	567.37	565.82	(N/A)	(N/A)	565.82	0.041	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-130	567.37	(N/A)	(N/A)	(N/A)	566.22	0.033	0.03
MH-651	567.39	566.24	(N/A)	(N/A)	566.24	0.02	0.02
MH-756	567.4	566.25	(N/A)	(N/A)	566.25	0.007	0.01
MH-2348	567.4	566.25	566.2	(N/A)	566.2	0.053	0.02
MH-2472	567.4	566.25	(N/A)	(N/A)	566.25	0.21	0.04
MH-3416	567.4	566.18	(N/A)	(N/A)	566.18	0.044	0.02
MH-838	567.42	566.27	565.84	(N/A)	565.84	0.037	0.03
MH-2511	567.42	566.27	(N/A)	(N/A)	566.27	0.658	0.08
MH-3278	567.44	(N/A)	(N/A)	(N/A)	566.29	0.234	0.08
MH-1041	567.46	(N/A)	(N/A)	(N/A)	566.31	0.002	0
MH-1644	567.46	566.31	566.29	(N/A)	566.18	0.696	0.08
MH-2858	567.46	566.26	(N/A)	(N/A)	566.26	0.318	0.08
MH-647	567.47	566.3	(N/A)	(N/A)	566.3	0.019	0.02
MH-886	567.48	566.33	(N/A)	(N/A)	566.33	0.06	0.02
MH-318	567.48	566.33	565.87	(N/A)	565.85	0.688	0.08
MH-317	567.48	565.97	(N/A)	(N/A)	565.97	0.405	0.06
MH-2859	567.48	566.23	(N/A)	(N/A)	566.23	0.382	0.06
MH-1862	567.49	566.34	(N/A)	(N/A)	566.11	0.669	0.08
MH-3341	567.49	566.34	(N/A)	(N/A)	566.21	0.02	0.01
MH-377	567.5	566.23	566.35	(N/A)	566.23	2.961	0.15
MH-221	567.51	(N/A)	(N/A)	(N/A)	566.36	0.001	0.01
MH-137	567.51	566.31	(N/A)	(N/A)	566.31	0.015	0.02
MH-598	567.51	566.27	566.36	(N/A)	565.85	0.798	0.09
MH-14	567.53	566.32	(N/A)	(N/A)	566.32	0.013	0.02
MH-1956	567.54	(N/A)	(N/A)	(N/A)	566.39	0.004	0.01
MH-193	567.54	566.34	(N/A)	(N/A)	566.34	0.002	0.01
MH-13	567.55	566.32	(N/A)	(N/A)	566.32	0.012	0.02
MH-3649	567.55	566.4	(N/A)	(N/A)	566.4	0.079	0.03
MH-75	567.57	566.33	566.33	(N/A)	566.33	0.011	0.02
MH-3160	567.58	566.32	(N/A)	(N/A)	566.14	0.785	0.08
MH-2386	567.58	566.43	566.21	(N/A)	566.21	0.033	0.03
MH-2616	567.58	566.43	(N/A)	(N/A)	566.23	0.02	0.01
MH-3357	567.59	566.44	(N/A)	(N/A)	566.44	0.203	0.04
MH-376	567.6	566.32	(N/A)	(N/A)	566.32	1.994	0.12
MH-1075	567.61	566.45	(N/A)	(N/A)	566.45	0.006	0.01
MH-3398	567.62	566.47	(N/A)	(N/A)	566.47	0.015	0.01
MH-1624	567.63	566.48	(N/A)	(N/A)	566.48	0.004	0.01
MH-885	567.64	566.49	566.49	(N/A)	566.49	0.057	0.02
MH-2626	567.64	566.49	566.42	(N/A)	566.41	2.434	0.14
MH-2309	567.64	566.47	(N/A)	(N/A)	566.47	0.26	0.08
MH-2510	567.65	566.5	(N/A)	(N/A)	566.5	0.628	0.08
MH-2308	567.65	566.5	(N/A)	(N/A)	566.5	0.251	0.08
MH-1623	567.65	(N/A)	(N/A)	(N/A)	566.5	0.001	0.01
MH-1873	567.66	566.41	565.26	(N/A)	565.26	39.089	0.44
MH-1872	567.66	566.44	(N/A)	(N/A)	566.44	0.27	0.08
MH-906	567.67	566.07	565.97	565.97	565.77	67.816	0.52
MH-1076	567.69	566.44	(N/A)	(N/A)	566.44	0.008	0.01
MH-4021	567.69	566.54	(N/A)	(N/A)	566.54	0.024	0.02
MH-3643	567.7	566.55	(N/A)	(N/A)	566.55	0.242	0.06
MH-3578	567.72	566.48	(N/A)	(N/A)	566.48	0.055	0.03
MH-2874	567.72	566.57	(N/A)	(N/A)	566.57	0.956	0.1

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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-1643	567.72	566.54	(N/A)	(N/A)	566.54	0.044	0.02
MH-925	567.73	566.58	(N/A)	(N/A)	566.53	0.017	0.01
MH-2169	567.74	566.14	566.59	(N/A)	566.14	16.131	0.3
MH-3577	567.74	566.51	(N/A)	(N/A)	566.51	0.036	0.03
MH-439	567.74	566.59	(N/A)	(N/A)	566.59	0.015	0.02
MH-339	567.76	566.61	(N/A)	(N/A)	566.61	0.007	0.01
MH-1089	567.76	566.61	(N/A)	(N/A)	566.61	0.029	0.02
MH-338	567.77	566.62	(N/A)	(N/A)	566.62	0.003	0.01
MH-3109	567.77	566.5	(N/A)	(N/A)	566.5	1.99	0.12
MH-4744	567.78	(N/A)	(N/A)	(N/A)	566.63	0.054	0.02
MH-905	567.78	566.08	(N/A)	(N/A)	566.08	28.289	0.36
MH-2590	567.79	566.59	(N/A)	(N/A)	566.59	0.192	0.04
MH-597	567.79	566.51	(N/A)	(N/A)	566.51	0.101	0.03
MH-4564	567.81	(N/A)	(N/A)	(N/A)	566.66	0.004	0.01
MH-1477	567.83	566.61	(N/A)	(N/A)	566.61	0.09	0.03
MH-656	567.83	(N/A)	(N/A)	(N/A)	566.68	0.001	0
MH-2646	567.85	566.7	566.7	(N/A)	566.36	0.028	0.02
MH-3291	567.85	(N/A)	(N/A)	(N/A)	566.7	0.018	0.02
MH-2696	567.85	566.64	(N/A)	(N/A)	566.64	0.069	0.04
MH-1315	567.86	566.71	(N/A)	(N/A)	566.71	0.945	0.1
MH-1196	567.86	566.71	(N/A)	(N/A)	566.71	0.024	0.02
MH-3126	567.87	566.67	(N/A)	(N/A)	566.67	0.042	0.03
MH-38	567.87	566.72	(N/A)	(N/A)	566.72	0.151	0.04
MH-4721	567.87	566.72	(N/A)	(N/A)	566.25	0.253	0.05
MH-3812	567.88	566.73	(N/A)	(N/A)	566.73	0.595	0.08
MH-924	567.88	566.73	(N/A)	(N/A)	566.73	0.014	0.01
MH-947	567.9	566.75	566.75	(N/A)	566.31	0.172	0.04
MH-2639	567.9	566.54	(N/A)	(N/A)	566.54	0.649	0.08
MH-37	567.91	566.76	(N/A)	(N/A)	566.76	0.141	0.04
MH-3303	567.92	(N/A)	(N/A)	(N/A)	566.77	0.007	0.01
MH-3417	567.93	(N/A)	(N/A)	(N/A)	566.64	0.008	0.01
MH-3197	567.95	566.25	(N/A)	(N/A)	566.25	28.266	0.36
MH-1314	567.95	566.8	(N/A)	(N/A)	566.8	0.937	0.1
MH-1364	567.96	566.81	(N/A)	(N/A)	566.57	0.251	0.05
MH-2542	567.96	(N/A)	(N/A)	(N/A)	566.81	0.051	0.03
MH-2233	567.97	566.7	(N/A)	(N/A)	566.7	1.981	0.12
MH-1040	567.97	566.82	(N/A)	(N/A)	566.82	0.036	0.02
MH-2759	567.99	566.39	(N/A)	(N/A)	566.39	15.969	0.28
MH-2279	568	566.85	(N/A)	(N/A)	566.77	0.043	0.02
MH-2589	568	566.62	(N/A)	(N/A)	566.62	0.177	0.06
MH-3408	568	566.3	(N/A)	(N/A)	566.3	28.239	0.42
MH-3009	568	566.85	(N/A)	(N/A)	566.51	0.34	0.06
MH-1607	568.01	566.43	(N/A)	(N/A)	566.43	0.633	0.08
MH-3396	568.03	566.88	(N/A)	(N/A)	566.88	0.018	0.01
MH-1090	568.04	566.59	566.89	(N/A)	566.59	0.038	0.02
MH-3642	568.09	566.94	(N/A)	(N/A)	566.85	0.234	0.05
MH-1081	568.11	(N/A)	(N/A)	(N/A)	566.96	0.009	0.01
MH-1766	568.11	(N/A)	(N/A)	(N/A)	566.96	0.01	0.01
MH-1330	568.11	(N/A)	(N/A)	(N/A)	566.96	0.01	0.02
MH-2572	568.12	(N/A)	(N/A)	(N/A)	566.97	0.02	0.01
MH-1091	568.13	(N/A)	(N/A)	(N/A)	566.98	0.01	0.01

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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-226	568.14	(N/A)	(N/A)	(N/A)	566.99	0.009	0.01
MH-1450	568.15	567	(N/A)	(N/A)	566.78	0.011	0.01
MH-1486	568.16	567.01	566.96	(N/A)	566.67	0.623	0.08
MH-3944	568.17	566.69	(N/A)	(N/A)	566.69	0.646	0.08
MH-2847	568.18	566.46	(N/A)	(N/A)	566.46	0.746	0.08
MH-3292	568.2	567.05	(N/A)	(N/A)	566.73	0.012	0.01
MH-2936	568.21	567.06	(N/A)	(N/A)	567.06	0.01	0.01
MH-2891	568.22	567.07	(N/A)	(N/A)	567.07	0.929	0.1
MH-2978	568.22	567.07	567.07	(N/A)	566.94	0.134	0.04
MH-4193	568.23	566.85	(N/A)	(N/A)	566.85	0.64	0.08
MH-904	568.24	567.09	567.09	(N/A)	566.92	0.1	0.03
MH-1007	568.25	566.78	(N/A)	(N/A)	566.78	0.061	0.04
MH-3543	568.26	567.11	(N/A)	(N/A)	567.04	0.561	0.07
MH-121	568.27	(N/A)	(N/A)	(N/A)	567.12	0.008	0.01
MH-2770	568.28	(N/A)	(N/A)	(N/A)	567.13	0.008	0.01
MH-2232	568.28	567.01	(N/A)	(N/A)	566.97	1.969	0.12
MH-955	568.29	(N/A)	(N/A)	(N/A)	567.14	0.011	0.02
MH-1030	568.29	(N/A)	(N/A)	(N/A)	567.14	0.013	0.02
MH-2706	568.3	567.15	(N/A)	(N/A)	567	0.02	0.01
MH-903	568.34	567.19	(N/A)	(N/A)	567.19	0.025	0.01
MH-3479	568.35	566.65	(N/A)	(N/A)	566.65	0.162	0.06
MH-227	568.36	566.98	(N/A)	(N/A)	566.98	0.017	0.02
MH-1363	568.37	567.22	(N/A)	(N/A)	567.01	0.199	0.04
MH-1485	568.37	(N/A)	(N/A)	(N/A)	567.22	0.057	0.02
MH-1000	568.37	567.22	567.22	(N/A)	567.15	0.04	0.02
MH-1997	568.37	(N/A)	(N/A)	(N/A)	567.15	0.004	0.01
MH-2935	568.38	(N/A)	(N/A)	(N/A)	567.23	0.003	0.01
MH-2419	568.4	(N/A)	(N/A)	(N/A)	567.25	0.043	0.03
MH-3455	568.4	566.7	(N/A)	(N/A)	566.6	28.209	0.36
MH-3667	568.42	(N/A)	(N/A)	(N/A)	567	0.003	0.01
MH-269	568.42	566.56	(N/A)	(N/A)	566.56	0.519	0.07
MH-1008	568.43	566.76	(N/A)	(N/A)	566.76	0.066	0.04
MH-3286	568.45	567.3	566.85	(N/A)	566.69	15.95	0.28
MH-1449	568.46	567.31	(N/A)	(N/A)	567.21	0.009	0.01
MH-122	568.46	567.11	(N/A)	(N/A)	567.11	0.015	0.02
MH-1251	568.47	567.32	567.32	(N/A)	567.1	1.233	0.11
MH-926	568.47	566.94	(N/A)	(N/A)	566.94	0.018	0.03
MH-801	568.48	566.96	(N/A)	(N/A)	566.96	0.019	0.02
MH-66	568.5	566.94	(N/A)	(N/A)	566.94	0.017	0.04
MH-4648	568.52	566.92	(N/A)	(N/A)	566.92	15.529	0.27
MH-1336	568.52	567.31	567.37	(N/A)	566.81	1.085	0.09
MH-4051	568.53	567.09	567.26	(N/A)	567.06	0.632	0.07
MH-2420	568.55	567.22	567.4	(N/A)	567.22	0.07	0.04
MH-2802	568.57	(N/A)	(N/A)	(N/A)	567.42	0.011	0.01
MH-4463	568.58	567.39	(N/A)	(N/A)	567.39	0.078	0.04
MH-2725	568.59	567.42	(N/A)	(N/A)	567.42	0.054	0.03
MH-1900	568.59	(N/A)	(N/A)	(N/A)	567.44	0.014	0.02
MH-4722	568.59	(N/A)	(N/A)	(N/A)	567.31	0.078	0.03
MH-3008	568.59	567.44	(N/A)	(N/A)	567.15	0.235	0.05
MH-1475	568.59	567.44	567.44	(N/A)	567.37	0.921	0.1
MH-2724	568.6	567.45	(N/A)	(N/A)	567.45	0.044	0.03

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MH-1103	568.62	566.75	(N/A)	(N/A)	566.75	0.071	0.04
MH-1460	568.62	567.1	(N/A)	(N/A)	567.1	0.012	0.02
MH-4383	568.63	(N/A)	(N/A)	(N/A)	567.44	0.01	0.01
MH-1629	568.63	567.48	567.48	(N/A)	567.43	0.116	0.03
MH-637	568.63	567.12	(N/A)	(N/A)	567.12	0.02	0.02
MH-268	568.64	566.62	(N/A)	(N/A)	566.62	0.488	0.07
MH-2738	568.64	567.37	(N/A)	(N/A)	567.31	1.956	0.12
MH-909	568.65	567.12	(N/A)	(N/A)	567.12	0.022	0.02
MH-67	568.66	566.93	(N/A)	(N/A)	566.93	0.023	0.05
MH-2883	568.67	(N/A)	(N/A)	(N/A)	567.52	0.119	0.05
MH-759	568.67	566.97	(N/A)	(N/A)	566.97	0.026	0.03
MH-3485	568.68	566.68	(N/A)	(N/A)	566.68	0.152	0.06
MH-3928	568.69	567.19	(N/A)	(N/A)	567.19	0.083	0.04
MH-1659	568.7	567.55	(N/A)	(N/A)	567.32	0.054	0.02
MH-3658	568.7	567.55	(N/A)	(N/A)	567.52	0.018	0.01
MH-2923	568.71	(N/A)	(N/A)	(N/A)	567.56	0.005	0.01
MH-1250	568.71	567.56	(N/A)	(N/A)	567.51	0.355	0.06
MH-946	568.71	567.56	(N/A)	(N/A)	567.4	0.018	0.01
MH-3102	568.74	567.59	(N/A)	(N/A)	567.59	0.035	0.02
MH-3995	568.74	567.12	(N/A)	(N/A)	567.12	0.219	0.07
MH-588	568.75	567.1	(N/A)	(N/A)	567.1	0.024	0.02
MH-2705	568.75	567.6	(N/A)	(N/A)	567.45	0.012	0.01
MH-3994	568.76	567.15	567.61	(N/A)	567.15	0.209	0.07
MH-699	568.77	567.62	(N/A)	(N/A)	567.26	0.225	0.05
MH-1550	568.78	(N/A)	(N/A)	(N/A)	567.53	0.005	0.01
MH-2350	568.78	566.59	(N/A)	(N/A)	566.59	0.707	0.08
MH-3542	568.78	567.63	(N/A)	(N/A)	567.41	0.527	0.07
MH-802	568.78	566.94	(N/A)	(N/A)	566.94	0.027	0.02
MH-3903	568.8	567.51	(N/A)	(N/A)	567.51	0.407	0.06
MH-3468	568.8	567.1	(N/A)	(N/A)	567	28.177	0.36
MH-2797	568.8	567.14	(N/A)	(N/A)	567.14	0.522	0.07
MH-927	568.81	566.92	(N/A)	(N/A)	566.92	0.025	0.04
MH-839	568.82	566.73	(N/A)	(N/A)	566.73	0.074	0.05
MH-3382	568.82	(N/A)	(N/A)	(N/A)	567.35	0.004	0.01
MH-3288	568.86	567.71	567.71	(N/A)	567.63	0.403	0.06
MH-1461	568.86	567.08	567.41	(N/A)	567.08	0.031	0.03
MH-1628	568.87	567.72	(N/A)	(N/A)	567.71	0.038	0.02
MH-4307	568.87	567.72	(N/A)	(N/A)	567.72	0.016	0.01
MH-256	568.88	566.92	(N/A)	(N/A)	566.92	0.031	0.06
MH-945	568.9	567.75	567.75	(N/A)	567.73	0.015	0.01
MH-2105	568.92	567.77	(N/A)	(N/A)	567.74	0.071	0.03
MH-54	568.93	566.72	(N/A)	(N/A)	566.72	0.467	0.07
MH-638	568.93	567.1	(N/A)	(N/A)	567.1	0.029	0.03
MH-1474	568.95	567.8	(N/A)	(N/A)	567.66	0.653	0.08
MH-2680	568.96	567.81	(N/A)	(N/A)	567.51	0.116	0.03
MH-1335	568.97	567.75	(N/A)	(N/A)	567.51	1.024	0.09
MH-1300	568.97	567.82	567.82	(N/A)	567.59	0.787	0.09
MH-4128	568.98	567.83	(N/A)	(N/A)	567.83	0.186	0.06
MH-2737	568.99	567.71	(N/A)	(N/A)	567.67	1.942	0.12
MH-261	568.99	567.11	(N/A)	(N/A)	567.11	0.031	0.03
MH-33	569	567.49	(N/A)	(N/A)	567.49	0.139	0.07

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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-840	569.01	566.71	566.71	(N/A)	566.71	0.145	0.06
MH-34	569.02	567.48	567.87	(N/A)	567.48	0.226	0.07
MH-4664	569.05	(N/A)	(N/A)	(N/A)	567.87	0.035	0.02
MH-3904	569.05	567.77	(N/A)	(N/A)	567.77	0.397	0.06
MH-53	569.06	566.78	(N/A)	(N/A)	566.78	0.452	0.07
MH-2023	569.07	567.53	(N/A)	(N/A)	567.53	0.011	0.02
MH-2967	569.08	567.93	(N/A)	(N/A)	567.86	0.287	0.05
MH-698	569.1	567.95	(N/A)	(N/A)	567.78	0.217	0.05
MH-2671	569.11	567.96	(N/A)	(N/A)	567.88	0.262	0.05
MH-86	569.11	566.94	(N/A)	(N/A)	566.94	0.034	0.05
MH-541	569.13	566.89	567.98	566.89	566.89	0.428	0.06
MH-4031	569.16	568.01	(N/A)	(N/A)	567.86	0.014	0.01
MH-1139	569.16	(N/A)	(N/A)	(N/A)	567.96	0.003	0
MH-47	569.16	567.08	(N/A)	(N/A)	567.08	0.032	0.03
MH-2924	569.16	567.46	(N/A)	(N/A)	567.4	28.143	0.36
MH-3006	569.18	(N/A)	(N/A)	(N/A)	568.02	0.034	0.02
MH-3095	569.19	568.04	(N/A)	(N/A)	567.9	0.008	0.01
MH-1192	569.19	567.97	(N/A)	(N/A)	567.97	0.114	0.03
MH-614	569.22	566.9	568.07	566.9	566.9	0.313	0.08
MH-41	569.22	567.09	(N/A)	(N/A)	567.09	0.037	0.03
MH-1455	569.24	568.09	(N/A)	(N/A)	568.03	0.116	0.03
MH-2582	569.24	568.09	(N/A)	(N/A)	568.07	0.065	0.02
MH-23	569.24	566.91	(N/A)	(N/A)	566.91	0.032	0.06
MH-4104	569.25	568.1	(N/A)	(N/A)	568.1	0.163	0.04
MH-2953	569.25	568.1	(N/A)	(N/A)	568.01	0.105	0.03
MH-300	569.25	568.09	567.34	(N/A)	567.34	0.129	0.05
MH-87	569.27	566.93	566.93	568.12	566.93	0.216	0.06
MH-299	569.27	568.1	(N/A)	(N/A)	568.1	0.031	0.03
MH-2047	569.28	566.92	(N/A)	(N/A)	566.92	0.067	0.02
MH-929	569.28	567.46	(N/A)	(N/A)	567.46	0.252	0.08
MH-286	569.29	568.13	568.13	(N/A)	568.13	0.385	0.06
MH-4654	569.29	567.8	567.59	(N/A)	566.98	23.324	0.32
MH-670	569.29	568.14	(N/A)	(N/A)	568.14	0.109	0.03
MH-4480	569.29	(N/A)	(N/A)	(N/A)	567.83	0.134	0.04
MH-3273	569.29	568.14	(N/A)	(N/A)	567.88	0.026	0.02
MH-2278	569.29	568.02	(N/A)	(N/A)	568.01	1.926	0.12
MH-48	569.3	567.07	568.15	(N/A)	567.07	0.116	0.03
MH-2813	569.3	(N/A)	(N/A)	(N/A)	567.85	0.02	0.01
MH-2748	569.31	568.13	(N/A)	(N/A)	568.13	0.025	0.02
MH-3011	569.32	568.16	(N/A)	(N/A)	568.16	0.017	0.02
MH-669	569.32	568.17	(N/A)	(N/A)	568.17	0.105	0.04
MH-2637	569.33	568.18	(N/A)	(N/A)	568.1	0.647	0.08
MH-3010	569.34	(N/A)	(N/A)	(N/A)	568.19	0.009	0.01
MH-3656	569.34	568.19	(N/A)	(N/A)	567.93	0.495	0.07
MH-1912	569.35	568.15	568.15	(N/A)	568.15	0.266	0.05
MH-201	569.35	566.87	568.2	(N/A)	566.87	0.325	0.06
MH-24	569.35	567.07	566.9	568.2	566.9	0.192	0.07
MH-4349	569.35	(N/A)	(N/A)	(N/A)	568.07	0.007	0.01
MH-208	569.36	566.76	568.21	(N/A)	566.74	0.67	0.08
MH-1299	569.36	568.21	568.21	(N/A)	568.02	0.653	0.08
MH-566	569.36	568.21	567.08	(N/A)	567.08	0.105	0.05

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MH-42	569.36	566.88	568.21	567.09	566.88	0.28	0.07
MH-530	569.36	567.44	(N/A)	(N/A)	567.44	0.267	0.07
MH-2024	569.37	567.03	567.5	(N/A)	567.03	0.047	0.03
MH-3898	569.39	(N/A)	(N/A)	(N/A)	568.12	0.036	0.02
MH-191	569.4	567.43	568.25	(N/A)	567.43	0.327	0.06
MH-3442	569.4	568.25	(N/A)	(N/A)	568.16	0.008	0.01
MH-192	569.4	568.25	567.32	(N/A)	567.32	0.477	0.07
MH-2376	569.4	568.25	(N/A)	(N/A)	568.25	0.252	0.05
MH-3385	569.43	568.28	(N/A)	(N/A)	568.17	0.072	0.03
MH-3090	569.44	568.29	(N/A)	(N/A)	568.22	0.201	0.04
MH-1243	569.44	568.29	(N/A)	(N/A)	568.29	0.1	0.03
MH-958	569.44	568.29	(N/A)	(N/A)	568.15	0.079	0.03
MH-285	569.45	568.14	(N/A)	(N/A)	568.14	0.091	0.05
MH-625	569.45	(N/A)	(N/A)	(N/A)	568.3	0.002	0.01
MH-1911	569.48	(N/A)	(N/A)	(N/A)	568.33	0.017	0.01
MH-1242	569.48	568.33	(N/A)	(N/A)	568.33	0.094	0.04
MH-1066	569.48	567.78	(N/A)	(N/A)	567.76	28.113	0.36
MH-2323	569.49	568.34	(N/A)	(N/A)	568.34	0.288	0.05
MH-752	569.51	568.36	(N/A)	(N/A)	568.23	0.058	0.02
MH-2405	569.51	(N/A)	(N/A)	(N/A)	568.36	0.008	0.01
MH-4358	569.52	(N/A)	(N/A)	(N/A)	568.37	0.023	0.02
MH-4000	569.53	568.38	(N/A)	(N/A)	568.38	0.138	0.04
MH-108	569.54	568.39	(N/A)	(N/A)	568.3	0.048	0.02
MH-1810	569.56	568.41	568.41	(N/A)	568.39	0.059	0.02
MH-3785	569.57	568.42	(N/A)	(N/A)	568.42	0.085	0.03
MH-1253	569.58	568.36	568.43	568.12	568.06	0.994	0.09
MH-4233	569.58	(N/A)	(N/A)	(N/A)	568.43	0.047	0.02
MH-2277	569.59	568.3	(N/A)	(N/A)	568.3	1.909	0.12
MH-3389	569.59	566.95	(N/A)	(N/A)	566.95	0.061	0.04
MH-3666	569.59	(N/A)	(N/A)	(N/A)	568.44	0.006	0.01
MH-4030	569.6	568.45	(N/A)	(N/A)	568.32	0.008	0.01
MH-1480	569.6	568.45	(N/A)	(N/A)	568.42	0.107	0.03
MH-4370	569.61	(N/A)	(N/A)	(N/A)	568.46	0.073	0.04
MH-2583	569.61	568.46	(N/A)	(N/A)	568.38	0.096	0.03
MH-460	569.62	568.47	(N/A)	(N/A)	568.34	0.049	0.02
MH-3281	569.62	(N/A)	(N/A)	(N/A)	568.34	0.003	0.01
MH-2623	569.64	568.49	(N/A)	(N/A)	568.4	0.08	0.03
MH-626	569.65	568.29	(N/A)	(N/A)	568.29	0.006	0.01
MH-603	569.66	568.15	(N/A)	(N/A)	568.15	0.088	0.05
MH-3052	569.67	568.34	568.52	(N/A)	568.34	0.22	0.05
MH-1065	569.68	567.98	(N/A)	(N/A)	567.96	28.096	0.36
MH-1233	569.69	568.54	(N/A)	(N/A)	568.25	0.211	0.04
MH-3066	569.69	568.54	(N/A)	(N/A)	568.48	0.636	0.08
MH-3384	569.69	(N/A)	(N/A)	(N/A)	568.54	0.028	0.02
MH-1388	569.69	567	(N/A)	(N/A)	567	0.051	0.03
MH-2143	569.69	568.54	(N/A)	(N/A)	568.54	0.283	0.05
MH-2011	569.76	568.61	(N/A)	(N/A)	568.37	0.057	0.02
MH-3415	569.76	(N/A)	(N/A)	(N/A)	568.55	0.004	0.01
MH-531	569.77	567.26	(N/A)	(N/A)	567.26	0.215	0.07
MH-3089	569.77	568.62	(N/A)	(N/A)	568.59	0.107	0.03
MH-1003	569.77	568.33	(N/A)	(N/A)	568.33	0.014	0.02

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MH-1254	569.78	568.63	(N/A)	(N/A)	568.44	0.05	0.02
MH-1252	569.79	568.64	(N/A)	(N/A)	568.62	0.058	0.02
MH-1809	569.81	(N/A)	(N/A)	(N/A)	568.64	0.005	0.01
MH-3956	569.81	568.66	(N/A)	(N/A)	568.66	0.12	0.03
MH-2162	569.81	568.66	(N/A)	(N/A)	568.42	0.075	0.03
MH-628	569.83	568.17	(N/A)	(N/A)	568.17	0.084	0.04
MH-2608	569.84	568.69	(N/A)	(N/A)	568.69	0.154	0.04
MH-2391	569.85	568.7	(N/A)	(N/A)	568.62	0.05	0.02
MH-532	569.85	567.25	566.6	568.63	566.6	38.66	0.4
MH-3901	569.86	568.55	567.29	(N/A)	567.29	0.188	0.06
MH-780	569.86	568.27	(N/A)	(N/A)	568.27	0.011	0.02
MH-3374	569.86	(N/A)	(N/A)	(N/A)	568.71	0.008	0.01
MH-3324	569.89	(N/A)	(N/A)	(N/A)	568.74	0.007	0.01
MH-3411	569.89	568.46	(N/A)	(N/A)	568.46	1.894	0.12
MH-584	569.89	568.74	568.74	(N/A)	568.74	0.278	0.05
MH-2375	569.9	568.75	(N/A)	(N/A)	568.54	0.249	0.05
MH-3727	569.91	568.76	(N/A)	(N/A)	568.5	0.469	0.07
MH-3323	569.91	568.44	(N/A)	(N/A)	568.44	0.017	0.01
MH-1389	569.92	566.98	(N/A)	(N/A)	566.98	0.055	0.03
MH-1004	569.92	568.32	(N/A)	(N/A)	568.32	0.018	0.01
MH-3505	569.92	(N/A)	(N/A)	(N/A)	568.77	0.007	0.01
MH-2926	569.93	568.78	(N/A)	(N/A)	568.76	0.072	0.03
MH-3017	569.94	568.79	(N/A)	(N/A)	568.5	0.322	0.06
MH-2687	569.95	568.8	(N/A)	(N/A)	568.75	0.091	0.03
MH-2618	569.95	568.8	(N/A)	(N/A)	568.59	0.064	0.02
MH-3426	569.97	568.59	(N/A)	(N/A)	568.59	0.049	0.03
MH-2418	570	568.85	568.85	(N/A)	568.54	0.529	0.07
MH-1223	570	568.85	(N/A)	(N/A)	568.67	0.038	0.02
MH-952	570	568.85	(N/A)	(N/A)	568.85	0.093	0.03
MH-4215	570	568.85	(N/A)	(N/A)	568.54	0.065	0.02
MH-2806	570.01	568.28	(N/A)	(N/A)	568.28	28.07	0.36
MH-1891	570.02	568.8	568.87	(N/A)	568.8	1.64	0.12
MH-2752	570.03	568.88	(N/A)	(N/A)	568.54	0.037	0.02
MH-1085	570.03	568.88	(N/A)	(N/A)	568.73	0.206	0.04
MH-4777	570.04	568.34	568	568.86	567.7	23.084	0.35
MH-2609	570.04	568.89	(N/A)	(N/A)	568.89	0.111	0.03
MH-4205	570.05	(N/A)	(N/A)	(N/A)	568.77	0.003	0.01
MH-1359	570.05	(N/A)	(N/A)	(N/A)	568.9	0.003	0.01
MH-2602	570.05	568.9	(N/A)	(N/A)	568.66	0.047	0.02
MH-3277	570.06	568.62	(N/A)	(N/A)	568.62	0.039	0.03
MH-2727	570.08	568.93	(N/A)	(N/A)	568.6	0.119	0.03
MH-3955	570.08	568.93	(N/A)	(N/A)	568.93	0.101	0.03
MH-3373	570.09	568.94	568.68	(N/A)	568.68	0.02	0.02
MH-3276	570.09	568.65	(N/A)	(N/A)	568.65	0.029	0.02
MH-2966	570.1	568.95	(N/A)	(N/A)	568.92	0.59	0.08
MH-1890	570.1	568.95	(N/A)	(N/A)	568.89	1.593	0.12
MH-1625	570.1	568.19	568.19	(N/A)	568.19	0.081	0.04
MH-583	570.11	568.8	(N/A)	(N/A)	568.8	0.182	0.04
MH-1187	570.12	568.41	(N/A)	(N/A)	568.41	0.019	0.02
MH-2322	570.13	568.88	(N/A)	(N/A)	568.88	0.047	0.02
MH-2938	570.13	568.98	(N/A)	(N/A)	568.69	0.038	0.02

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MH-1444	570.14	568.25	(N/A)	(N/A)	568.25	0.019	0.02
MH-4603	570.2	(N/A)	(N/A)	(N/A)	568.93	0.044	0.02
MH-1360	570.2	568.88	(N/A)	(N/A)	568.88	0.011	0.02
MH-3893	570.21	569.06	569.06	(N/A)	569.06	0.089	0.03
MH-2805	570.22	568.47	(N/A)	(N/A)	568.47	28.029	0.35
MH-2955	570.23	568.54	(N/A)	(N/A)	568.54	1.882	0.13
MH-1683	570.24	569.09	(N/A)	(N/A)	569.09	0.011	0.02
MH-3839	570.24	569.03	(N/A)	(N/A)	568.67	0.87	0.08
MH-2934	570.25	(N/A)	(N/A)	(N/A)	569.1	0.061	0.02
MH-3506	570.3	568.74	(N/A)	(N/A)	568.74	0.023	0.02
MH-2908	570.3	569.15	(N/A)	(N/A)	568.91	0.044	0.02
MH-4110	570.3	(N/A)	(N/A)	(N/A)	568.93	0.025	0.01
MH-2884	570.32	(N/A)	(N/A)	(N/A)	569.04	0.079	0.03
MH-2640	570.33	(N/A)	(N/A)	(N/A)	568.93	0.024	0.01
MH-1084	570.35	569.2	(N/A)	(N/A)	569.07	0.202	0.04
MH-3300	570.36	569.21	(N/A)	(N/A)	569.1	0.048	0.02
MH-2939	570.37	569.22	(N/A)	(N/A)	568.96	0.06	0.02
MH-253	570.37	569.22	569.22	(N/A)	569.22	1.533	0.12
MH-3413	570.38	569.23	(N/A)	(N/A)	569.23	0.08	0.03
MH-4331	570.4	(N/A)	(N/A)	(N/A)	569.25	0.017	0.02
MH-3894	570.4	569.25	(N/A)	(N/A)	569.25	0.007	0.01
MH-3297	570.42	568.72	568.98	(N/A)	568.5	27.994	0.45
MH-2581	570.42	569.27	(N/A)	(N/A)	569.24	0.573	0.07
MH-2686	570.43	569.28	(N/A)	(N/A)	569.1	0.069	0.02
MH-495	570.45	568.85	(N/A)	(N/A)	568.85	0.016	0.05
MH-2455	570.46	569.31	(N/A)	(N/A)	568.94	0.025	0.01
MH-2321	570.46	569.01	(N/A)	(N/A)	569.01	0.039	0.02
MH-2925	570.47	569.32	(N/A)	(N/A)	569.08	0.045	0.02
MH-252	570.47	569.32	569.32	(N/A)	569.32	0.351	0.06
MH-1181	570.48	569.33	569.33	(N/A)	569.22	0.438	0.06
MH-2557	570.49	569.34	(N/A)	(N/A)	569.2	0.034	0.02
MH-1188	570.5	568.39	568.27	(N/A)	568.14	2.563	0.13
MH-1714	570.5	568.22	569.35	(N/A)	568.22	0.059	0.04
MH-2244	570.5	569.35	(N/A)	(N/A)	569.35	0.022	0.02
MH-1682	570.51	569.36	(N/A)	(N/A)	569.32	0.008	0.01
MH-1859	570.54	569.06	(N/A)	(N/A)	569.06	0.015	0.02
MH-3332	570.55	569.4	(N/A)	(N/A)	569.09	0.293	0.05
MH-496	570.55	568.83	569.4	(N/A)	568.83	0.177	0.06
MH-1680	570.56	(N/A)	(N/A)	(N/A)	569.41	0.055	0.04
MH-3738	570.57	(N/A)	(N/A)	(N/A)	569.17	0.015	0.01
MH-1261	570.58	569.43	(N/A)	(N/A)	569.43	0.023	0.01
MH-1019	570.59	569.44	568.61	(N/A)	568.61	1.875	0.13
MH-4206	570.59	(N/A)	(N/A)	(N/A)	569.44	0.001	0
MH-4488	570.6	(N/A)	(N/A)	(N/A)	569.33	0.004	0.01
MH-219	570.6	569.32	(N/A)	(N/A)	569.32	0.032	0.03
MH-2417	570.61	569.46	(N/A)	(N/A)	569.14	0.058	0.02
MH-4214	570.62	569.47	(N/A)	(N/A)	569.18	0.049	0.02
MH-1260	570.63	(N/A)	(N/A)	(N/A)	569.48	0.014	0.01
MH-3336	570.63	569.48	(N/A)	(N/A)	569.48	0.059	0.02
MH-2751	570.63	569.48	(N/A)	(N/A)	569.18	0.026	0.02
MH-2703	570.63	569.14	(N/A)	(N/A)	569.14	0.944	0.09

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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-220	570.65	569.31	(N/A)	(N/A)	569.31	0.042	0.03
MH-3899	570.65	(N/A)	(N/A)	(N/A)	569.5	0.008	0.01
MH-3900	570.65	569.47	(N/A)	(N/A)	569.47	0.021	0.02
MH-4282	570.67	569.52	(N/A)	(N/A)	569.19	0.026	0.02
MH-4558	570.68	(N/A)	(N/A)	(N/A)	569.53	0.017	0.02
MH-346	570.68	569.53	(N/A)	(N/A)	569.23	0.087	0.03
MH-1274	570.69	(N/A)	(N/A)	(N/A)	569.54	0.002	0.01
MH-774	570.71	(N/A)	(N/A)	(N/A)	569.56	0.007	0.01
MH-711	570.71	569.56	(N/A)	(N/A)	569.56	0.086	0.06
MH-2937	570.71	569.56	(N/A)	(N/A)	569.28	0.025	0.01
MH-2454	570.73	569.58	(N/A)	(N/A)	569.58	0.014	0.01
MH-2866	570.73	569.03	(N/A)	(N/A)	569.03	27.012	0.35
MH-4867	570.73	569.13	(N/A)	(N/A)	568.54	15.517	0.27
MH-2580	570.74	569.59	(N/A)	(N/A)	569.57	0.565	0.07
MH-1679	570.74	569.59	569.39	(N/A)	569.39	0.18	0.06
MH-4399	570.75	569.44	568.7	(N/A)	568.7	0.062	0.04
MH-1835	570.75	569.6	569.53	(N/A)	569.53	0.313	0.08
MH-1838	570.75	568.85	(N/A)	(N/A)	568.85	0.407	0.06
MH-2378	570.75	568.6	(N/A)	(N/A)	568.6	0.415	0.06
MH-2729	570.76	569.61	(N/A)	(N/A)	569.45	0.031	0.02
MH-3713	570.76	569.5	(N/A)	(N/A)	569.5	0.322	0.06
MH-4036	570.76	569.61	(N/A)	(N/A)	569.42	0.079	0.03
MH-517	570.76	569.61	(N/A)	(N/A)	569.5	0.197	0.04
MH-1285	570.77	569.62	(N/A)	(N/A)	569.59	0.036	0.02
MH-456	570.77	569.05	569.62	(N/A)	569.05	0.4	0.06
MH-2556	570.77	569.62	(N/A)	(N/A)	569.62	0.021	0.01
MH-1631	570.78	569.63	569.04	(N/A)	569.04	0.032	0.03
MH-455	570.78	569.18	(N/A)	(N/A)	569.18	0.325	0.06
MH-3214	570.79	569.64	(N/A)	(N/A)	569.64	0.043	0.02
MH-1018	570.8	569.65	(N/A)	(N/A)	569.62	0.251	0.05
MH-1321	570.81	569.44	(N/A)	(N/A)	569.44	0.156	0.05
MH-710	570.82	569.67	(N/A)	(N/A)	569.67	0.08	0.03
MH-2379	570.82	568.37	569.21	569.12	567.72	36.76	0.39
MH-1275	570.84	569.52	(N/A)	(N/A)	569.52	0.009	0.02
MH-763	570.85	569.33	569.68	(N/A)	569.26	0.91	0.08
MH-1825	570.85	569.21	(N/A)	(N/A)	569.21	0.024	0.02
MH-4579	570.86	569.36	(N/A)	(N/A)	569.36	0.206	0.07
MH-3530	570.86	569.69	(N/A)	(N/A)	569.15	0.737	0.08
MH-3262	570.88	(N/A)	(N/A)	(N/A)	569.73	0.009	0.01
MH-2593	570.89	(N/A)	(N/A)	(N/A)	569.66	0.003	0.01
MH-2161	570.91	569.4	569.33	(N/A)	569.33	0.846	0.08
MH-1986	570.92	569.77	(N/A)	(N/A)	569.56	0.046	0.02
MH-345	570.92	569.77	(N/A)	(N/A)	569.65	0.073	0.03
MH-12	570.93	(N/A)	(N/A)	(N/A)	569.63	0.009	0.01
MH-2942	570.93	568.69	(N/A)	(N/A)	568.69	1.621	0.12
MH-2865	570.93	569.23	(N/A)	(N/A)	569.23	26.969	0.35
MH-1180	570.93	569.78	(N/A)	(N/A)	569.52	0.065	0.02
MH-569	570.95	569.24	(N/A)	(N/A)	569.24	0.231	0.07
MH-2352	570.96	569.81	(N/A)	(N/A)	569.5	1.158	0.11
MH-3215	570.96	(N/A)	(N/A)	(N/A)	569.81	0.027	0.02
MH-762	570.97	569.8	(N/A)	(N/A)	569.8	0.676	0.08

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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-2370	570.98	569.83	(N/A)	(N/A)	569.83	0.088	0.03
MH-568	570.98	569.83	569.26	(N/A)	569.26	0.218	0.07
MH-516	570.99	569.84	(N/A)	(N/A)	569.75	0.191	0.04
MH-4504	571	569.5	568.66	(N/A)	568.54	2.514	0.13
MH-743	571.01	569.86	(N/A)	(N/A)	569.78	0.044	0.02
MH-1284	571.01	569.86	(N/A)	(N/A)	569.82	0.03	0.02
MH-26	571.02	569.53	569.87	(N/A)	569.53	0.033	0.02
MH-1630	571.02	569.87	(N/A)	(N/A)	569.85	0.011	0.01
MH-25	571.03	569.54	(N/A)	(N/A)	569.54	0.012	0.02
MH-2021	571.03	569.29	569.88	(N/A)	569.29	0.116	0.05
MH-2607	571.04	569.89	(N/A)	(N/A)	569.62	0.25	0.05
MH-979	571.05	569.49	(N/A)	(N/A)	569.49	0.015	0.03
MH-3081	571.06	569.91	(N/A)	(N/A)	569.58	0.046	0.02
MH-574	571.06	569.91	(N/A)	(N/A)	569.76	0.073	0.03
MH-2728	571.06	569.91	(N/A)	(N/A)	569.91	0.018	0.01
MH-4009	571.07	569.8	(N/A)	(N/A)	569.8	2.237	0.15
MH-2377	571.1	569.95	(N/A)	(N/A)	569.95	0.063	0.03
MH-4010	571.12	569.74	(N/A)	(N/A)	569.74	2.268	0.15
MH-1824	571.14	569.19	(N/A)	(N/A)	569.19	0.038	0.03
MH-3168	571.15	569.45	(N/A)	(N/A)	569.45	26.918	0.35
MH-3104	571.15	(N/A)	(N/A)	(N/A)	570	0.006	0.01
MH-1834	571.18	570.03	(N/A)	(N/A)	569.84	0.22	0.05
MH-1055	571.18	570.01	(N/A)	(N/A)	570.01	0.093	0.03
MH-3335	571.18	570.03	(N/A)	(N/A)	569.95	0.246	0.05
MH-874	571.19	570.04	570.04	(N/A)	570.04	0.051	0.03
MH-1303	571.19	570.04	(N/A)	(N/A)	570.04	0.017	0.02
MH-4035	571.2	570.05	570.05	(N/A)	569.07	0.446	0.07
MH-2062	571.21	570.06	(N/A)	(N/A)	569.58	0.077	0.03
MH-4559	571.21	569.48	570.06	(N/A)	569.42	0.798	0.08
MH-260	571.21	570.06	(N/A)	(N/A)	569.91	0.068	0.02
MH-1684	571.22	570.07	(N/A)	(N/A)	570.07	0.111	0.05
MH-1985	571.22	570.02	(N/A)	(N/A)	570.02	0.03	0.02
MH-3185	571.22	(N/A)	(N/A)	(N/A)	569.78	0.012	0.01
MH-4121	571.22	569.67	(N/A)	(N/A)	569.67	2.29	0.15
MH-1604	571.22	569.61	570.05	(N/A)	569.5	36.095	0.41
MH-51	571.23	569.48	(N/A)	(N/A)	569.48	0.018	0.05
MH-474	571.24	(N/A)	(N/A)	(N/A)	570.09	0.006	0.01
MH-3594	571.26	570.11	(N/A)	(N/A)	569.92	0.068	0.02
MH-322	571.27	570.12	(N/A)	(N/A)	569.98	0.058	0.02
MH-3167	571.28	569.58	(N/A)	(N/A)	569.58	26.856	0.35
MH-3203	571.29	(N/A)	(N/A)	(N/A)	569.86	0.012	0.01
MH-79	571.29	570.14	(N/A)	(N/A)	570.01	0.186	0.04
MH-4281	571.29	(N/A)	(N/A)	(N/A)	569.86	0.012	0.01
MH-4391	571.29	570.14	(N/A)	(N/A)	569.87	0.033	0.02
MH-52	571.3	570.15	569.47	(N/A)	569.47	0.149	0.06
MH-1612	571.31	(N/A)	(N/A)	(N/A)	570.16	0.012	0.01
MH-3204	571.31	568.77	(N/A)	(N/A)	568.77	1.616	0.12
MH-2422	571.32	570.17	(N/A)	(N/A)	569.96	0.073	0.03
MH-1440	571.32	570.16	570.17	(N/A)	569.79	0.257	0.05
MH-693	571.35	570.2	(N/A)	(N/A)	570.2	0.016	0.01
MH-4680	571.36	(N/A)	(N/A)	(N/A)	570.21	0.022	0.02

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MH-2726	571.36	570.21	(N/A)	(N/A)	570.21	0.065	0.04
MH-1439	571.38	570.18	(N/A)	(N/A)	570.18	0.08	0.04
MH-692	571.39	(N/A)	(N/A)	(N/A)	570.24	0.006	0.01
MH-3548	571.39	569.9	(N/A)	(N/A)	569.9	2.217	0.14
MH-3772	571.4	570.25	(N/A)	(N/A)	570.25	0.105	0.03
MH-3080	571.4	570.25	(N/A)	(N/A)	570.11	1.146	0.11
MH-3439	571.4	(N/A)	(N/A)	(N/A)	570.17	0.005	0.01
MH-742	571.41	570.26	570.02	(N/A)	570.02	0.035	0.02
MH-3476	571.41	(N/A)	(N/A)	(N/A)	570.26	0.043	0.03
MH-1371	571.42	570.27	(N/A)	(N/A)	570.09	0.02	0.01
MH-3400	571.42	569.72	(N/A)	(N/A)	569.72	26.794	0.35
MH-78	571.43	570.28	(N/A)	(N/A)	570.22	0.181	0.04
MH-3002	571.43	569.99	(N/A)	(N/A)	569.99	0.635	0.07
MH-207	571.45	570.27	(N/A)	(N/A)	570.27	0.032	0.02
MH-259	571.45	570.3	(N/A)	(N/A)	570.18	0.064	0.02
MH-1655	571.45	570.3	569.58	(N/A)	569.58	2.411	0.16
MH-206	571.46	570.31	(N/A)	(N/A)	570.31	0.023	0.02
MH-2736	571.46	(N/A)	(N/A)	(N/A)	570.13	0.032	0.02
MH-1603	571.47	569.97	569.67	(N/A)	569.67	35.97	0.45
MH-2785	571.5	570.35	(N/A)	(N/A)	570.07	0.521	0.07
MH-4149	571.5	(N/A)	(N/A)	(N/A)	569.9	0.009	0.01
MH-2508	571.51	(N/A)	(N/A)	(N/A)	570.36	0.014	0.02
MH-3418	571.52	569.16	(N/A)	(N/A)	569.16	0.05	0.03
MH-3480	571.53	(N/A)	(N/A)	(N/A)	570.38	0.014	0.01
MH-3399	571.56	569.86	(N/A)	(N/A)	569.86	26.718	0.35
MH-2462	571.58	570.43	(N/A)	(N/A)	570.43	1.131	0.11
MH-3412	571.58	570.43	(N/A)	(N/A)	570.33	0.234	0.05
MH-1610	571.59	570.33	570.44	(N/A)	570.33	0.081	0.03
MH-118	571.59	570.44	(N/A)	(N/A)	570.37	0.178	0.04
MH-321	571.6	570.45	570.45	(N/A)	570.23	0.046	0.02
MH-1523	571.6	570.33	570.08	(N/A)	569.96	2.19	0.15
MH-4651	571.61	(N/A)	(N/A)	(N/A)	569.8	0.028	0.02
MH-1808	571.62	570.47	(N/A)	(N/A)	570.47	0.02	0.01
MH-2135	571.65	570.5	(N/A)	(N/A)	570.17	0.069	0.02
MH-2247	571.69	(N/A)	(N/A)	(N/A)	570.54	0.019	0.02
MH-3466	571.69	569.99	(N/A)	(N/A)	569.99	26.623	0.35
MH-1544	571.7	570.55	570.55	(N/A)	570.28	0.769	0.09
MH-1807	571.72	(N/A)	(N/A)	(N/A)	570.57	0.008	0.01
MH-1654	571.73	(N/A)	(N/A)	(N/A)	570.52	0.09	0.03
MH-3660	571.73	570.58	(N/A)	(N/A)	570.33	0.213	0.04
MH-2009	571.74	570.23	(N/A)	(N/A)	570.23	0.1	0.05
MH-3529	571.74	570.57	(N/A)	(N/A)	569.99	0.713	0.08
MH-3051	571.76	570.61	(N/A)	(N/A)	570.19	0.216	0.04
MH-3014	571.76	570.61	(N/A)	(N/A)	570.36	0.062	0.02
MH-1932	571.76	570.61	570.61	(N/A)	570.61	1.117	0.11
MH-337	571.76	570.61	(N/A)	(N/A)	570.45	0.057	0.02
MH-1276	571.77	570.62	(N/A)	(N/A)	570.42	0.126	0.03
MH-1626	571.77	570.62	570.16	(N/A)	570.16	0.1	0.05
MH-2501	571.77	570.62	(N/A)	(N/A)	570.55	0.088	0.03
MH-4186	571.78	570.07	(N/A)	(N/A)	570.07	0.013	0.01
MH-1609	571.78	570.63	(N/A)	(N/A)	570.63	0.052	0.02

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MH-1522	571.78	570.1	(N/A)	(N/A)	570.1	0.234	0.07
MH-1370	571.79	570.64	(N/A)	(N/A)	570.47	0.011	0.01
MH-3593	571.8	570.65	(N/A)	(N/A)	570.41	0.058	0.02
MH-2870	571.83	570.13	(N/A)	(N/A)	570.13	26.517	0.34
MH-4146	571.83	(N/A)	(N/A)	(N/A)	570.22	0.027	0.02
MH-4382	571.83	570.68	568.88	(N/A)	568.88	1.609	0.11
MH-3636	571.84	570.59	(N/A)	(N/A)	570.59	0.05	0.02
MH-3590	571.85	570.7	(N/A)	(N/A)	570.48	0.064	0.02
MH-3813	571.86	(N/A)	(N/A)	(N/A)	570.71	0.005	0.01
MH-703	571.86	570.49	570.71	(N/A)	570.12	0.355	0.06
MH-4800	571.86	(N/A)	(N/A)	(N/A)	570.71	0.022	0.02
MH-1585	571.86	570.71	(N/A)	(N/A)	570.71	0.54	0.07
MH-4868	571.88	570.28	(N/A)	(N/A)	570.28	15.463	0.27
MH-2204	571.9	(N/A)	(N/A)	(N/A)	570.32	0.008	0.01
MH-3458	571.9	569.13	(N/A)	(N/A)	569.13	0.058	0.03
MH-3244	571.93	570.78	(N/A)	(N/A)	570.47	0.14	0.04
MH-2784	571.93	(N/A)	(N/A)	(N/A)	570.64	0.313	0.05
MH-3245	571.93	570.78	(N/A)	(N/A)	570.78	0.057	0.02
MH-2505	571.94	570.17	570.79	(N/A)	570.15	0.57	0.07
MH-242	571.94	570.79	(N/A)	(N/A)	570.64	0.173	0.04
MH-3805	571.95	570.8	(N/A)	(N/A)	570.46	0.132	0.03
MH-1627	571.96	570.13	570.52	(N/A)	570.13	0.217	0.07
MH-2958	571.97	570.82	(N/A)	(N/A)	570.73	0.216	0.04
MH-2869	571.97	570.27	(N/A)	(N/A)	570.27	26.415	0.34
MH-2337	571.97	(N/A)	(N/A)	(N/A)	570.82	0.004	0.01
MH-3635	571.99	(N/A)	(N/A)	(N/A)	570.84	0.014	0.01
MH-2010	571.99	570.2	(N/A)	(N/A)	570.2	0.145	0.06
MH-2492	571.99	570.84	(N/A)	(N/A)	570.84	0.035	0.03
MH-836	572	570.81	(N/A)	(N/A)	570.81	0.045	0.03
MH-336	572.01	570.86	(N/A)	(N/A)	570.74	0.051	0.02
MH-1489	572.02	570.87	(N/A)	(N/A)	570.87	0.143	0.04
MH-837	572.03	570.8	(N/A)	(N/A)	570.8	0.058	0.03
MH-2769	572.04	(N/A)	(N/A)	(N/A)	570.89	0.033	0.02
MH-4473	572.06	(N/A)	(N/A)	(N/A)	570.91	0.046	0.03
MH-3814	572.07	570.68	(N/A)	(N/A)	570.68	0.015	0.02
MH-1584	572.07	570.89	(N/A)	(N/A)	570.89	0.534	0.07
MH-1931	572.09	570.94	(N/A)	(N/A)	570.86	0.962	0.1
MH-2146	572.1	(N/A)	(N/A)	(N/A)	570.52	0.007	0.01
MH-2714	572.1	570.64	(N/A)	(N/A)	570.64	1.934	0.12
MH-1113	572.12	570.73	(N/A)	(N/A)	570.73	0.119	0.03
MH-241	572.14	570.99	(N/A)	(N/A)	570.91	0.168	0.04
MH-1777	572.14	570.99	(N/A)	(N/A)	570.69	0.024	0.01
MH-3036	572.14	570.99	(N/A)	(N/A)	570.99	0.04	0.02
MH-2500	572.19	571.04	(N/A)	(N/A)	570.92	0.059	0.02
MH-1543	572.19	571.04	571.04	(N/A)	570.76	0.218	0.05
MH-4197	572.21	570.56	(N/A)	(N/A)	570.56	0.1	0.05
MH-3013	572.22	(N/A)	(N/A)	(N/A)	570.91	0.039	0.02
MH-1488	572.25	571.1	(N/A)	(N/A)	571.09	0.133	0.03
MH-702	572.26	570.51	571.11	(N/A)	570.51	0.035	0.03
MH-2491	572.28	571.13	(N/A)	(N/A)	571.13	0.021	0.01
MH-2330	572.28	571.13	570.64	(N/A)	570.64	0.06	0.02

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-2519	572.28	570.77	(N/A)	(N/A)	570.77	0.073	0.04
MH-3470	572.31	571.16	569.1	(N/A)	568.98	1.514	0.11
MH-2338	572.31	570.79	(N/A)	(N/A)	570.79	0.013	0.02
MH-366	572.34	571.13	(N/A)	(N/A)	571.13	0.517	0.07
MH-855	572.34	571.19	(N/A)	(N/A)	570.9	0.208	0.04
MH-3930	572.34	(N/A)	(N/A)	(N/A)	570.95	0.004	0.01
MH-3035	572.41	(N/A)	(N/A)	(N/A)	571.26	0.021	0.01
MH-2957	572.41	571.26	(N/A)	(N/A)	571.11	0.195	0.04
MH-367	572.45	571.06	(N/A)	(N/A)	571.06	0.524	0.07
MH-134	572.45	570.75	(N/A)	(N/A)	570.75	0.112	0.05
MH-2061	572.46	571.31	(N/A)	(N/A)	571.02	0.047	0.02
MH-2631	572.46	571.31	571.31	(N/A)	571.07	0.087	0.03
MH-4299	572.47	(N/A)	(N/A)	(N/A)	570.79	0.012	0.01
MH-4267	572.48	571.33	(N/A)	(N/A)	571.04	0.055	0.02
MH-162	572.51	570.59	(N/A)	(N/A)	570.59	0.083	0.04
MH-4284	572.52	(N/A)	(N/A)	(N/A)	571.37	0.002	0.01
MH-3353	572.52	571.37	(N/A)	(N/A)	571.07	0.093	0.03
MH-403	572.53	571.38	571.38	(N/A)	571.38	0.095	0.03
MH-2267	572.54	571.38	(N/A)	(N/A)	571.38	0.117	0.03
MH-3097	572.54	570.84	(N/A)	(N/A)	570.57	26.304	0.34
MH-3189	572.58	(N/A)	(N/A)	(N/A)	571.42	0.008	0.01
MH-2700	572.59	571.44	(N/A)	(N/A)	571.27	0.944	0.1
MH-161	572.59	570.6	(N/A)	(N/A)	570.6	0.077	0.04
MH-3831	572.6	571.42	(N/A)	(N/A)	570.87	0.689	0.08
MH-2713	572.6	570.71	(N/A)	(N/A)	570.71	1.901	0.13
MH-2961	572.6	570.71	(N/A)	(N/A)	570.71	0.149	0.06
MH-2504	572.6	571.45	(N/A)	(N/A)	571.08	0.36	0.06
MH-1026	572.61	571.44	570.74	(N/A)	570.74	0.133	0.05
MH-3869	572.63	571.48	(N/A)	(N/A)	571.35	0.038	0.02
MH-133	572.64	570.76	570.76	(N/A)	570.76	0.108	0.05
MH-1025	572.64	571.46	(N/A)	(N/A)	571.46	0.048	0.03
MH-2591	572.64	571.49	(N/A)	(N/A)	571.49	0.037	0.03
MH-402	572.66	571.51	571.5	(N/A)	571.5	0.078	0.03
MH-3920	572.66	571.51	(N/A)	(N/A)	570.36	0.295	0.05
MH-1273	572.67	571.52	(N/A)	(N/A)	571.16	0.042	0.02
MH-3040	572.67	571.52	(N/A)	(N/A)	571.52	0.02	0.02
MH-4137	572.67	571.52	(N/A)	(N/A)	571.12	0.119	0.03
MH-3957	572.68	571.53	(N/A)	(N/A)	571.29	0.162	0.04
MH-2747	572.69	571.54	(N/A)	(N/A)	571.04	0.196	0.04
MH-4610	572.7	570.62	(N/A)	(N/A)	570.62	28.586	0.36
MH-854	572.7	571.55	(N/A)	(N/A)	571.35	0.201	0.04
MH-3198	572.7	(N/A)	(N/A)	(N/A)	571.55	0.01	0.01
MH-3527	572.7	(N/A)	(N/A)	(N/A)	571.55	0.035	0.03
MH-3055	572.74	571.59	(N/A)	(N/A)	571.12	0.303	0.05
MH-4474	572.75	570.87	(N/A)	(N/A)	570.87	0.061	0.04
MH-2329	572.78	571.63	(N/A)	(N/A)	571.41	0.038	0.02
MH-3699	572.79	(N/A)	(N/A)	(N/A)	571.64	0.039	0.03
MH-4235	572.79	(N/A)	(N/A)	(N/A)	571.64	0.009	0.01
MH-3169	572.79	(N/A)	(N/A)	(N/A)	571.29	0.009	0.01
MH-1316	572.81	571.32	571.66	(N/A)	571.32	0.512	0.07
MH-1563	572.81	570.68	(N/A)	(N/A)	570.68	0.169	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-2619	572.82	571.67	(N/A)	(N/A)	571.61	0.014	0.01
MH-2122	572.84	571.69	(N/A)	(N/A)	571.69	0.089	0.03
MH-4505	572.84	(N/A)	(N/A)	(N/A)	571.69	0.007	0.01
MH-1338	572.86	571.71	571.71	(N/A)	571.56	0.175	0.04
MH-451	572.87	571.72	570.63	(N/A)	570.63	0.07	0.04
MH-2219	572.89	571.61	(N/A)	(N/A)	571.61	0.057	0.04
MH-1564	572.91	571.51	570.66	(N/A)	570.41	7.349	0.21
MH-1595	572.91	571.76	(N/A)	(N/A)	571.57	0.037	0.02
MH-320	572.94	571.79	571.79	(N/A)	571.35	0.106	0.03
MH-2873	572.94	571.79	(N/A)	(N/A)	571.55	1.451	0.12
MH-1257	572.95	(N/A)	(N/A)	(N/A)	571.8	0.022	0.02
MH-3368	572.95	570.81	(N/A)	(N/A)	570.81	1.782	0.12
MH-1142	572.96	571.81	(N/A)	(N/A)	571.81	0.063	0.02
MH-3868	572.98	571.83	(N/A)	(N/A)	571.78	0.028	0.02
MH-4283	572.99	571.33	(N/A)	(N/A)	571.33	0.022	0.01
MH-1272	573.02	(N/A)	(N/A)	(N/A)	571.72	0.018	0.01
MH-3528	573.04	571.52	(N/A)	(N/A)	571.52	0.049	0.03
MH-3504	573.06	(N/A)	(N/A)	(N/A)	571.41	0.004	0.01
MH-450	573.08	571.93	(N/A)	(N/A)	571.86	0.034	0.02
MH-2121	573.08	571.93	(N/A)	(N/A)	571.93	0.048	0.02
MH-1163	573.09	571.52	(N/A)	(N/A)	571.52	0.019	0.02
MH-4055	573.1	571.84	(N/A)	(N/A)	571.84	0.099	0.03
MH-1387	573.11	571.96	(N/A)	(N/A)	571.74	0.891	0.09
MH-2220	573.13	571.58	(N/A)	(N/A)	571.58	0.068	0.06
MH-3810	573.14	(N/A)	(N/A)	(N/A)	571.99	0.004	0.01
MH-2065	573.15	572	571.56	(N/A)	571.56	0.248	0.07
MH-1145	573.15	572	(N/A)	(N/A)	572	0.014	0.02
MH-1337	573.17	572.02	(N/A)	(N/A)	571.91	0.058	0.02
MH-4318	573.18	572.03	572.03	(N/A)	571.75	0.063	0.02
MH-493	573.18	572.03	571.65	(N/A)	571.65	0.045	0.02
MH-1533	573.18	(N/A)	(N/A)	(N/A)	572.03	0.01	0.03
MH-2620	573.19	572.04	(N/A)	(N/A)	571.97	0.009	0.01
MH-319	573.19	(N/A)	(N/A)	(N/A)	571.91	0.017	0.01
MH-1149	573.2	571.53	572.05	(N/A)	571.53	0.476	0.07
MH-2746	573.21	572.06	(N/A)	(N/A)	571.84	0.158	0.04
MH-3265	573.21	570.88	(N/A)	(N/A)	570.88	1.72	0.12
MH-1150	573.21	570.82	(N/A)	(N/A)	570.82	0.069	0.04
MH-4512	573.21	(N/A)	(N/A)	(N/A)	571.77	0.035	0.02
MH-3854	573.23	572.08	571.92	(N/A)	571.92	0.029	0.02
MH-2276	573.26	(N/A)	(N/A)	(N/A)	571.65	0.006	0.01
MH-3686	573.26	572.11	(N/A)	(N/A)	572.11	0.075	0.03
MH-932	573.27	572.12	(N/A)	(N/A)	572.02	0.103	0.03
MH-2782	573.28	572.13	(N/A)	(N/A)	571.75	0.271	0.05
MH-3646	573.29	572.14	(N/A)	(N/A)	571.86	0.155	0.04
MH-3647	573.32	572.17	(N/A)	(N/A)	572.17	0.056	0.03
MH-1594	573.32	572.17	(N/A)	(N/A)	571.98	0.029	0.02
MH-2064	573.32	572.17	(N/A)	(N/A)	572.17	0.159	0.04
MH-2409	573.33	571.76	(N/A)	(N/A)	571.76	0.43	0.06
MH-535	573.33	572.18	(N/A)	(N/A)	572.13	0.076	0.03
MH-3096	573.33	571.63	(N/A)	(N/A)	571.14	26.197	0.34
MH-1151	573.34	570.8	572.19	(N/A)	570.8	0.088	0.04

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MH-1164	573.37	571.78	571.5	572.22	571.5	0.058	0.03
MH-3648	573.37	572.22	(N/A)	(N/A)	572.22	0.039	0.02
MH-3054	573.38	572.23	(N/A)	(N/A)	571.88	0.281	0.05
MH-28	573.38	572.23	572.23	(N/A)	571.86	0.025	0.01
MH-1258	573.4	571.49	(N/A)	(N/A)	571.49	0.06	0.04
MH-2280	573.41	(N/A)	(N/A)	(N/A)	571.79	0.005	0.01
MH-2057	573.41	572.26	(N/A)	(N/A)	572.26	0.022	0.02
MH-3811	573.42	571.96	(N/A)	(N/A)	571.96	0.015	0.02
MH-1144	573.42	(N/A)	(N/A)	(N/A)	572.19	0.006	0.01
MH-1013	573.42	572.27	572.27	(N/A)	572.09	1.444	0.12
MH-4548	573.43	570.67	572.28	(N/A)	570.67	28.58	0.46
MH-2803	573.44	(N/A)	(N/A)	(N/A)	572.23	0.019	0.01
MH-3866	573.45	572.3	(N/A)	(N/A)	571.86	0.197	0.04
MH-753	573.45	571.53	(N/A)	(N/A)	571.53	0.262	0.05
MH-685	573.47	570.96	571.08	(N/A)	570.96	1.674	0.12
MH-3931	573.47	572	(N/A)	(N/A)	571.73	0.662	0.08
MH-2699	573.49	572.23	(N/A)	(N/A)	572.23	0.037	0.03
MH-492	573.49	572.34	(N/A)	(N/A)	572.17	0.032	0.02
MH-1386	573.49	572.34	(N/A)	(N/A)	572.17	0.854	0.09
MH-3607	573.5	572.35	(N/A)	(N/A)	572.35	0.024	0.02
MH-447	573.5	572.35	(N/A)	(N/A)	572.32	0.062	0.02
MH-27	573.52	572.37	(N/A)	(N/A)	572.3	0.015	0.01
MH-2094	573.52	572.17	(N/A)	(N/A)	572.17	0.079	0.03
MH-2093	573.54	572.2	(N/A)	(N/A)	572.2	0.053	0.03
MH-448	573.54	(N/A)	(N/A)	(N/A)	572.33	0.004	0.01
MH-933	573.54	572.39	(N/A)	(N/A)	572.3	0.088	0.03
MH-841	573.55	572.4	572.4	(N/A)	572.36	0.126	0.03
MH-4431	573.56	(N/A)	(N/A)	(N/A)	572.41	0.055	0.03
MH-3674	573.56	(N/A)	(N/A)	(N/A)	572.24	0.019	0.01
MH-355	573.58	571.97	572.43	(N/A)	571.97	0.052	0.02
MH-476	573.58	572.01	(N/A)	(N/A)	572.01	0.027	0.05
MH-2403	573.59	572.44	572.44	(N/A)	572.34	0.035	0.02
MH-354	573.62	571.98	(N/A)	(N/A)	571.98	0.021	0.02
MH-1259	573.62	571.47	(N/A)	(N/A)	571.47	0.068	0.04
MH-2339	573.63	572.48	(N/A)	(N/A)	572.31	0.053	0.02
MH-754	573.65	571.45	571.45	(N/A)	571.45	0.336	0.06
MH-3709	573.66	572.51	(N/A)	(N/A)	572.18	0.022	0.01
MH-1148	573.67	572.52	(N/A)	(N/A)	572.23	0.032	0.02
MH-446	573.69	572.54	(N/A)	(N/A)	572.48	0.054	0.02
MH-684	573.69	571	(N/A)	(N/A)	571	1.639	0.12
MH-449	573.7	572.55	(N/A)	(N/A)	572.45	0.443	0.07
MH-4354	573.73	(N/A)	(N/A)	(N/A)	572.43	0.006	0.01
MH-561	573.73	572.57	(N/A)	(N/A)	572.57	0.017	0.01
MH-1581	573.74	572.59	(N/A)	(N/A)	572.49	0.994	0.1
MH-3075	573.74	572.59	(N/A)	(N/A)	572.37	0.016	0.01
MH-4052	573.75	572.56	(N/A)	(N/A)	572.56	0.084	0.04
MH-3440	573.76	(N/A)	(N/A)	(N/A)	572.61	0.012	0.02
MH-3575	573.76	572.47	(N/A)	(N/A)	572.47	0.133	0.03
MH-3887	573.76	572.59	(N/A)	(N/A)	572.59	0.049	0.03
MH-3608	573.76	(N/A)	(N/A)	(N/A)	572.61	0.01	0.01
MH-3886	573.77	(N/A)	(N/A)	(N/A)	572.62	0.024	0.02

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MH-1215	573.8	572.65	(N/A)	(N/A)	572.59	0.029	0.02
MH-3609	573.83	572.68	(N/A)	(N/A)	572.65	0.616	0.07
MH-2638	573.83	571.47	(N/A)	(N/A)	571.47	0.073	0.04
MH-681	573.84	572.69	(N/A)	(N/A)	572.49	0.028	0.02
MH-562	573.86	(N/A)	(N/A)	(N/A)	572.71	0.005	0.01
MH-3621	573.86	572.71	(N/A)	(N/A)	572.44	0.145	0.04
MH-477	573.87	572.72	572.72	572	572	0.418	0.06
MH-1694	573.87	572.64	(N/A)	(N/A)	572.61	0.69	0.08
MH-4363	573.89	(N/A)	(N/A)	(N/A)	572.74	0.046	0.03
MH-3610	573.9	572.5	(N/A)	(N/A)	572.5	0.651	0.08
MH-307	573.91	572.76	572.76	(N/A)	572.57	0.837	0.09
MH-1191	573.92	570.72	571.27	(N/A)	570.72	28.41	0.49
MH-1693	573.92	572.77	572.77	(N/A)	572.77	0.674	0.08
MH-1951	573.93	(N/A)	(N/A)	(N/A)	572.47	0.01	0.01
MH-2056	573.93	(N/A)	(N/A)	(N/A)	572.52	0.006	0.01
MH-452	573.93	572.78	(N/A)	(N/A)	572.56	0.025	0.01
MH-2613	573.95	572.8	(N/A)	(N/A)	572.53	0.249	0.05
MH-4243	573.96	(N/A)	(N/A)	(N/A)	572.52	0.011	0.01
MH-2781	573.96	(N/A)	(N/A)	(N/A)	572.43	0.15	0.04
MH-630	573.98	572.83	(N/A)	(N/A)	572.83	0.038	0.02
MH-3342	573.99	571.08	(N/A)	(N/A)	571.08	1.598	0.11
MH-4256	574.01	572.86	(N/A)	(N/A)	572.78	0.019	0.01
MH-1296	574.03	572.47	(N/A)	(N/A)	572.47	0.703	0.08
MH-1225	574.03	572.88	(N/A)	(N/A)	572.56	0.019	0.01
MH-306	574.05	572.88	(N/A)	(N/A)	572.88	0.48	0.07
MH-3405	574.05	572.58	(N/A)	(N/A)	572.58	0.023	0.02
MH-3697	574.05	572.35	(N/A)	(N/A)	572.35	0.678	0.08
MH-3677	574.08	572.93	(N/A)	(N/A)	571.82	0.275	0.05
MH-1029	574.11	572.96	(N/A)	(N/A)	572.87	0.019	0.01
MH-3478	574.12	572.42	(N/A)	(N/A)	571.93	26.095	0.34
MH-432	574.13	572.98	(N/A)	(N/A)	572.79	0.044	0.02
MH-1297	574.14	572.38	(N/A)	(N/A)	572.38	0.708	0.08
MH-2486	574.15	572.69	(N/A)	(N/A)	572.69	0.158	0.04
MH-1247	574.16	(N/A)	(N/A)	(N/A)	573.01	0.013	0.02
MH-1419	574.16	573.01	(N/A)	(N/A)	572.81	0.015	0.01
MH-271	574.16	573.01	(N/A)	(N/A)	572.88	0.983	0.1
MH-1167	574.16	573.01	573.01	(N/A)	573.01	0.472	0.07
MH-2635	574.17	573.02	(N/A)	(N/A)	572.78	0.011	0.01
MH-3570	574.17	572.37	(N/A)	(N/A)	572.37	0.07	0.04
MH-3981	574.18	572.2	(N/A)	(N/A)	572.2	0.706	0.08
MH-629	574.19	573.04	(N/A)	(N/A)	572.98	0.035	0.02
MH-4470	574.19	(N/A)	(N/A)	(N/A)	573.04	0.044	0.03
MH-558	574.21	573.06	(N/A)	(N/A)	572.92	0.353	0.06
MH-3723	574.21	572.47	(N/A)	(N/A)	572.47	0.497	0.07
MH-1383	574.21	573.06	(N/A)	(N/A)	572.73	0.089	0.03
MH-3865	574.22	573.07	(N/A)	(N/A)	572.6	0.19	0.04
MH-3074	574.23	(N/A)	(N/A)	(N/A)	572.89	0.007	0.01
MH-4701	574.24	(N/A)	(N/A)	(N/A)	573.09	0.107	0.05
MH-2054	574.24	571.99	572.01	(N/A)	571.95	0.832	0.08
MH-2833	574.25	572.24	(N/A)	(N/A)	572.24	0.722	0.08
MH-197	574.26	573.11	(N/A)	(N/A)	573.11	0.097	0.05

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-3972	574.27	573.12	(N/A)	(N/A)	573	0.582	0.08
MH-2053	574.28	572.11	(N/A)	(N/A)	572.11	0.737	0.08
MH-2369	574.28	572.88	571.83	571.87	571.64	7.111	0.29
MH-4226	574.28	(N/A)	(N/A)	(N/A)	572.56	0.008	0.01
MH-2210	574.29	(N/A)	(N/A)	(N/A)	572.64	0.007	0.01
MH-3746	574.29	572.7	(N/A)	(N/A)	572.7	0.059	0.04
MH-2625	574.3	571.44	(N/A)	(N/A)	571.44	0.089	0.04
MH-473	574.31	(N/A)	(N/A)	(N/A)	572.92	0.021	0.01
MH-1572	574.35	573.2	(N/A)	(N/A)	573.1	0.224	0.05
MH-815	574.37	(N/A)	(N/A)	(N/A)	573.14	0.009	0.01
MH-270	574.37	573.22	(N/A)	(N/A)	573.13	0.95	0.1
MH-1418	574.39	573.22	(N/A)	(N/A)	573.22	0.01	0.01
MH-431	574.4	573.25	573.25	(N/A)	573.11	0.039	0.02
MH-2685	574.4	573.25	(N/A)	(N/A)	573.02	0.524	0.07
MH-664	574.41	573.26	(N/A)	(N/A)	573.26	0.094	0.03
MH-1224	574.41	(N/A)	(N/A)	(N/A)	573.08	0.01	0.01
MH-3319	574.44	572.55	(N/A)	(N/A)	572.55	0.034	0.03
MH-3488	574.44	(N/A)	(N/A)	(N/A)	573.29	0.004	0.01
MH-196	574.45	573.1	(N/A)	(N/A)	573.1	0.102	0.05
MH-2801	574.45	(N/A)	(N/A)	(N/A)	572.82	0.014	0.01
MH-557	574.47	573.32	(N/A)	(N/A)	573.2	0.345	0.06
MH-1179	574.47	572.73	(N/A)	(N/A)	572.73	0.467	0.07
MH-1907	574.49	573.34	(N/A)	(N/A)	572.97	0.258	0.05
MH-229	574.49	573.34	571.22	(N/A)	571.17	1.58	0.11
MH-890	574.5	573.35	(N/A)	(N/A)	572.95	0.022	0.01
MH-4348	574.51	573.36	(N/A)	(N/A)	573.36	0.329	0.06
MH-688	574.51	573.36	(N/A)	(N/A)	573.36	0.009	0.01
MH-4366	574.52	573.25	(N/A)	(N/A)	573.01	0.439	0.06
MH-1434	574.53	573.38	(N/A)	(N/A)	573.24	0.027	0.02
MH-1823	574.53	573.38	573.38	(N/A)	573.38	0.355	0.06
MH-916	574.54	572.29	(N/A)	(N/A)	572.29	0.514	0.07
MH-1246	574.55	572.99	(N/A)	(N/A)	572.99	0.024	0.02
MH-1441	574.55	573.4	(N/A)	(N/A)	573.22	0.092	0.03
MH-3620	574.55	572.88	(N/A)	(N/A)	572.88	0.136	0.04
MH-3208	574.58	573.43	(N/A)	(N/A)	573.19	0.012	0.01
MH-488	574.61	573.46	(N/A)	(N/A)	573.27	0.068	0.02
MH-4208	574.64	(N/A)	(N/A)	(N/A)	573.49	0.022	0.02
MH-2783	574.66	(N/A)	(N/A)	(N/A)	573.51	0.099	0.05
MH-228	574.67	573.52	(N/A)	(N/A)	573.45	0.21	0.04
MH-2634	574.67	(N/A)	(N/A)	(N/A)	573.32	0.006	0.01
MH-1850	574.67	572.95	573.52	(N/A)	572.95	0.148	0.04
MH-4102	574.67	573.52	573.52	(N/A)	573.52	0.085	0.03
MH-586	574.68	573.01	(N/A)	(N/A)	573.01	0.34	0.06
MH-1459	574.69	573.43	573.54	(N/A)	573.43	0.566	0.07
MH-917	574.7	572.66	572.19	573.55	571.64	28.064	0.36
MH-3633	574.72	573.01	(N/A)	(N/A)	573.01	0.064	0.04
MH-112	574.73	573.58	572.74	(N/A)	572.74	27.488	0.48
MH-212	574.74	(N/A)	(N/A)	(N/A)	573.52	0.007	0.01
MH-1793	574.74	(N/A)	(N/A)	(N/A)	573.59	0.012	0.02
MH-587	574.75	572.87	573.6	(N/A)	572.87	0.452	0.07
MH-2200	574.76	571.41	(N/A)	(N/A)	571.41	0.101	0.05

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-4133	574.77	572.91	(N/A)	(N/A)	572.91	0.121	0.03
MH-4288	574.77	573.62	(N/A)	(N/A)	573.06	0.135	0.04
MH-1552	574.78	573.63	(N/A)	(N/A)	573.63	0.092	0.03
MH-3318	574.82	573.67	(N/A)	(N/A)	573.55	0.491	0.07
MH-1571	574.82	573.67	(N/A)	(N/A)	573.42	0.201	0.04
MH-111	574.83	573.67	(N/A)	(N/A)	573.67	0.042	0.02
MH-4107	574.85	573.03	(N/A)	(N/A)	573.03	0.125	0.05
MH-3187	574.85	572.52	(N/A)	(N/A)	572.52	0.05	0.03
MH-487	574.88	573.73	(N/A)	(N/A)	573.6	0.055	0.02
MH-2800	574.88	573.73	573.73	(N/A)	573.52	0.946	0.1
MH-9	574.89	573.73	(N/A)	(N/A)	573.73	0.081	0.03
MH-1185	574.89	573.74	573.74	(N/A)	573.74	0.208	0.04
MH-1152	574.89	573.74	(N/A)	(N/A)	573.74	0.05	0.02
MH-1671	574.9	573.75	(N/A)	(N/A)	573.55	0.333	0.06
MH-3481	574.9	573.2	(N/A)	(N/A)	572.72	25.979	0.34
MH-10	574.9	573.75	(N/A)	(N/A)	573.75	0.067	0.04
MH-1637	574.91	573.76	(N/A)	(N/A)	573.5	0.028	0.02
MH-4044	574.92	573.77	(N/A)	(N/A)	573.77	0.103	0.03
MH-4074	574.93	572.24	(N/A)	(N/A)	572.24	0.625	0.07
MH-1822	574.93	573.78	(N/A)	(N/A)	573.62	0.094	0.03
MH-4335	574.94	573.73	573.1	573.34	572.8	27.433	0.5
MH-3873	574.94	573.79	573.79	(N/A)	573.39	0.185	0.04
MH-889	574.97	573.82	(N/A)	(N/A)	573.52	0.015	0.01
MH-1849	574.97	572.98	(N/A)	(N/A)	572.98	0.138	0.05
MH-3745	574.98	572.67	(N/A)	(N/A)	572.67	0.068	0.05
MH-1458	574.98	573.83	(N/A)	(N/A)	573.76	0.459	0.07
MH-3046	574.99	573.46	(N/A)	(N/A)	573.46	0.059	0.04
MH-1788	575.04	573.89	573.89	(N/A)	573.72	0.285	0.05
MH-3441	575.06	573.91	(N/A)	(N/A)	573.89	0.615	0.07
MH-180	575.07	573.92	(N/A)	(N/A)	573.92	0.087	0.03
MH-2523	575.07	573.07	(N/A)	(N/A)	573.07	0.111	0.05
MH-4436	575.07	(N/A)	(N/A)	(N/A)	573.92	0.027	0.02
MH-4106	575.07	573.9	(N/A)	(N/A)	573.9	0.056	0.02
MH-1513	575.07	(N/A)	(N/A)	(N/A)	573.59	0.021	0.01
MH-553	575.09	573.94	(N/A)	(N/A)	573.69	0.076	0.03
MH-3207	575.09	(N/A)	(N/A)	(N/A)	573.73	0.007	0.01
MH-1443	575.1	573.95	(N/A)	(N/A)	573.95	0.035	0.03
MH-4279	575.11	(N/A)	(N/A)	(N/A)	573.86	0.004	0.01
MH-44	575.14	573.99	572.96	(N/A)	572.96	0.077	0.04
MH-2592	575.14	573.53	(N/A)	(N/A)	573.53	0.431	0.06
MH-1442	575.15	573.93	(N/A)	(N/A)	573.93	0.037	0.02
MH-505	575.16	572.94	(N/A)	(N/A)	572.94	0.086	0.04
MH-2709	575.17	573.48	(N/A)	(N/A)	573.48	0.197	0.07
MH-4602	575.17	(N/A)	(N/A)	(N/A)	573.96	0.006	0.01
MH-4346	575.17	(N/A)	(N/A)	(N/A)	574.02	0.006	0.01
MH-2298	575.18	574.03	574.03	(N/A)	573.83	0.2	0.04
MH-1184	575.19	574.04	(N/A)	(N/A)	573.93	0.113	0.03
MH-962	575.19	571.39	572.32	(N/A)	571.32	1.358	0.11
MH-4045	575.2	573.96	(N/A)	(N/A)	573.96	0.035	0.02
MH-701	575.21	574.06	(N/A)	(N/A)	573.9	0.044	0.02
MH-3794	575.22	572.91	(N/A)	(N/A)	572.91	0.126	0.05

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-1636	575.22	574.07	(N/A)	(N/A)	573.99	0.024	0.01
MH-602	575.23	573.57	574.08	(N/A)	573.57	0.083	0.04
MH-3148	575.23	574.08	(N/A)	(N/A)	574.04	0.047	0.02
MH-179	575.24	574.09	(N/A)	(N/A)	574.02	0.072	0.03
MH-3634	575.24	572.98	(N/A)	(N/A)	572.98	0.075	0.04
MH-4396	575.25	574.1	(N/A)	(N/A)	574.1	0.036	0.02
MH-3910	575.25	573.54	(N/A)	(N/A)	573.54	0.098	0.05
MH-2172	575.26	574.11	(N/A)	(N/A)	574.11	0.04	0.02
MH-2214	575.26	573.51	(N/A)	(N/A)	573.51	0.11	0.05
MH-298	575.26	573.48	573.78	(N/A)	573.23	5.547	0.18
MH-2897	575.28	572.49	(N/A)	(N/A)	572.49	0.066	0.04
MH-43	575.29	574.14	(N/A)	(N/A)	574.06	0.045	0.02
MH-3317	575.29	574.14	(N/A)	(N/A)	573.97	0.447	0.07
MH-624	575.3	574.15	(N/A)	(N/A)	574.05	0.042	0.02
MH-2773	575.31	574.16	(N/A)	(N/A)	574.03	0.746	0.09
MH-3821	575.31	573.01	(N/A)	(N/A)	573.01	0.13	0.05
MH-3721	575.31	574.16	574.16	(N/A)	573.9	0.057	0.02
MH-4494	575.32	(N/A)	(N/A)	(N/A)	574.17	0.021	0.02
MH-552	575.35	574.2	(N/A)	(N/A)	574.08	0.061	0.02
MH-3211	575.39	573.73	(N/A)	(N/A)	573.73	0.638	0.08
MH-3569	575.39	572.47	572.35	(N/A)	572.33	0.604	0.07
MH-831	575.39	574.24	(N/A)	(N/A)	574.13	0.22	0.05
MH-1304	575.4	(N/A)	(N/A)	(N/A)	574.25	0.018	0.01
MH-892	575.41	574.26	574.26	(N/A)	574.14	0.437	0.06
MH-1725	575.43	574.28	(N/A)	(N/A)	574.03	0.316	0.05
MH-3122	575.44	574.29	(N/A)	(N/A)	573.97	0.187	0.04
MH-2207	575.44	574.29	573.43	(N/A)	573.43	0.201	0.07
MH-4591	575.44	(N/A)	(N/A)	(N/A)	574.29	0.016	0.01
MH-3523	575.45	573.81	(N/A)	(N/A)	573.23	0.256	0.05
MH-3086	575.45	574.3	(N/A)	(N/A)	574.08	0.075	0.03
MH-297	575.47	574.2	574.32	573.8	573.8	5.425	0.22
MH-891	575.47	574.32	(N/A)	(N/A)	574.32	0.068	0.03
MH-2333	575.48	574.33	573.78	(N/A)	571.94	19.759	0.3
MH-2834	575.49	574.34	574.34	(N/A)	574.1	0.194	0.04
MH-464	575.51	574.36	(N/A)	(N/A)	574.21	0.032	0.02
MH-1218	575.52	573.33	574.37	(N/A)	573.15	2.881	0.16
MH-601	575.52	574.37	(N/A)	(N/A)	574.22	0.059	0.02
MH-85	575.52	574.37	(N/A)	(N/A)	574.04	0.009	0.01
MH-1990	575.52	(N/A)	(N/A)	(N/A)	574.37	0.01	0.01
MH-542	575.52	574.37	(N/A)	(N/A)	574.36	0.01	0.01
MH-4423	575.53	573.41	(N/A)	(N/A)	573.41	0.23	0.06
MH-623	575.53	574.38	(N/A)	(N/A)	574.3	0.038	0.02
MH-3872	575.54	574.39	(N/A)	(N/A)	574.1	0.142	0.04
MH-3986	575.57	(N/A)	(N/A)	(N/A)	574.42	0.007	0.01
MH-961	575.57	572.92	572.45	(N/A)	572.38	1.247	0.11
MH-565	575.58	574.43	573.99	(N/A)	573.99	0.026	0.02
MH-2176	575.6	574.33	(N/A)	(N/A)	574.33	1.893	0.12
MH-126	575.61	574.46	574.32	(N/A)	574.32	0.063	0.02
MH-3591	575.63	574.48	(N/A)	(N/A)	574.29	0.031	0.02
MH-2272	575.63	574.41	574.48	(N/A)	574.08	2.053	0.13
MH-4360	575.63	574.48	(N/A)	(N/A)	574.43	0.017	0.01

NODE REPORT ZONE 1

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MH-3149	575.64	(N/A)	(N/A)	(N/A)	574.38	0.012	0.01
MH-2205	575.64	573.77	574.49	(N/A)	573.77	0.424	0.06
MH-830	575.65	574.5	(N/A)	(N/A)	574.41	0.193	0.04
MH-2522	575.66	574.51	573.04	(N/A)	573.04	0.121	0.05
MH-1425	575.67	572.47	(N/A)	(N/A)	572.04	15.258	0.27
MH-2710	575.67	573.45	(N/A)	(N/A)	573.45	0.283	0.08
MH-2173	575.67	574.52	(N/A)	(N/A)	574.52	0.056	0.02
MH-3175	575.68	574.53	(N/A)	(N/A)	574.34	0.095	0.03
MH-296	575.69	574.54	(N/A)	(N/A)	574.54	0.046	0.02
MH-4075	575.69	574.54	(N/A)	(N/A)	574.34	0.061	0.02
MH-2651	575.69	573.99	(N/A)	(N/A)	573.5	25.866	0.34
MH-4220	575.7	574.55	574.55	(N/A)	573.96	0.115	0.03
MH-1532	575.7	574.55	(N/A)	(N/A)	574.48	0.348	0.06
MH-3902	575.71	573.88	(N/A)	(N/A)	573.88	0.045	0.03
MH-1591	575.72	572.46	(N/A)	(N/A)	572.46	0.075	0.04
MH-1588	575.73	574.58	574.58	(N/A)	574.44	0.422	0.06
MH-2774	575.74	574.59	(N/A)	(N/A)	574.46	0.739	0.09
MH-1217	575.75	573.44	(N/A)	(N/A)	573.44	1.391	0.12
MH-84	575.75	(N/A)	(N/A)	(N/A)	574.46	0.005	0.01
MH-564	575.75	574.6	(N/A)	(N/A)	574.57	0.014	0.01
MH-125	575.75	574.6	(N/A)	(N/A)	574.55	0.045	0.02
MH-2297	575.76	574.61	574.61	(N/A)	574.31	0.116	0.03
MH-2332	575.76	573.98	(N/A)	(N/A)	573.98	19.66	0.29
MH-3212	575.77	573.58	(N/A)	(N/A)	573.58	0.671	0.08
MH-463	575.78	(N/A)	(N/A)	(N/A)	574.63	0.016	0.01
MH-1402	575.82	574.67	(N/A)	(N/A)	574.67	0.038	0.02
MH-1942	575.82	574.67	(N/A)	(N/A)	574.44	0.048	0.02
MH-3659	575.82	572.56	(N/A)	(N/A)	572.56	0.524	0.07
MH-3771	575.84	573	(N/A)	(N/A)	573	0.136	0.06
MH-4419	575.86	(N/A)	(N/A)	(N/A)	574.71	0.013	0.02
MH-600	575.87	574.72	(N/A)	(N/A)	574.51	0.298	0.05
MH-295	575.89	574.74	(N/A)	(N/A)	574.66	0.042	0.02
MH-2507	575.92	574.77	(N/A)	(N/A)	574.47	0.04	0.02
MH-2835	575.92	574.77	(N/A)	(N/A)	574.64	0.026	0.02
MH-4258	575.93	(N/A)	(N/A)	(N/A)	574.59	0.005	0.01
MH-2136	575.94	572.94	574.79	(N/A)	572.94	0.117	0.05
MH-1401	575.95	(N/A)	(N/A)	(N/A)	574.8	0.025	0.01
MH-748	575.96	574.48	574.36	(N/A)	573.99	19.648	0.35
MH-3583	575.99	574.58	(N/A)	(N/A)	574.58	1.029	0.09
MH-2181	575.99	(N/A)	(N/A)	(N/A)	574.84	0.01	0.01
MH-2996	575.99	574.84	(N/A)	(N/A)	574.27	0.594	0.08
MH-3428	576	574.85	(N/A)	(N/A)	574.85	0.032	0.02
MH-3848	576	574.85	(N/A)	(N/A)	574.61	0.055	0.02
MH-3987	576	574.39	(N/A)	(N/A)	574.39	0.017	0.02
MH-1424	576	572.49	(N/A)	(N/A)	572.49	15.14	0.33
MH-2206	576.02	574.87	(N/A)	(N/A)	574.56	0.118	0.03
MH-3582	576.02	574.7	(N/A)	(N/A)	574.7	0.998	0.09
MH-1587	576.02	574.87	(N/A)	(N/A)	574.8	0.277	0.05
MH-732	576.04	(N/A)	(N/A)	(N/A)	574.81	0.005	0.01
MH-3592	576.04	574.89	(N/A)	(N/A)	574.78	0.026	0.02
MH-804	576.05	574.9	(N/A)	(N/A)	574.5	0.028	0.02

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-99	576.05	574.78	574.9	(N/A)	574.6	1.888	0.12
MH-4162	576.05	(N/A)	(N/A)	(N/A)	574.83	0.004	0.01
MH-98	576.07	574.92	(N/A)	(N/A)	574.92	0.014	0.02
MH-3691	576.08	574.86	(N/A)	(N/A)	574.82	0.939	0.09
MH-2290	576.08	(N/A)	(N/A)	(N/A)	574.85	0.008	0.01
MH-2307	576.08	574.93	(N/A)	(N/A)	574.68	0.034	0.02
MH-895	576.09	574.94	574.94	(N/A)	574.78	0.173	0.04
MH-1213	576.09	574.94	(N/A)	(N/A)	574.78	0.139	0.04
MH-2446	576.09	574.94	(N/A)	(N/A)	574.66	0.043	0.02
MH-115	576.1	574.95	(N/A)	(N/A)	574.61	0.17	0.04
MH-894	576.11	574.96	(N/A)	(N/A)	574.96	0.039	0.03
MH-1392	576.11	573.99	(N/A)	(N/A)	573.99	0.415	0.06
MH-3971	576.12	(N/A)	(N/A)	(N/A)	574.97	0.006	0.01
MH-3877	576.12	574.97	(N/A)	(N/A)	574.86	0.32	0.06
MH-1327	576.15	573.56	575	(N/A)	573.5	1.353	0.11
MH-599	576.15	575	(N/A)	(N/A)	574.87	0.284	0.05
MH-4024	576.16	574.69	(N/A)	(N/A)	574.69	0.135	0.04
MH-3125	576.16	573.42	(N/A)	(N/A)	573.42	0.346	0.06
MH-3379	576.16	575.01	(N/A)	(N/A)	574.89	0.732	0.08
MH-3781	576.17	(N/A)	(N/A)	(N/A)	574.91	0.006	0.01
MH-3690	576.17	575.01	(N/A)	(N/A)	574.98	0.874	0.09
MH-3176	576.18	575.03	(N/A)	(N/A)	574.83	0.065	0.02
MH-2271	576.19	574.97	(N/A)	(N/A)	574.69	1.698	0.12
MH-733	576.22	575.07	(N/A)	(N/A)	574.79	0.161	0.04
MH-803	576.22	(N/A)	(N/A)	(N/A)	575.06	0.007	0.01
MH-2435	576.24	(N/A)	(N/A)	(N/A)	575.09	0.008	0.01
MH-3563	576.25	575.1	(N/A)	(N/A)	575.1	0.028	0.02
MH-3290	576.25	573.02	(N/A)	(N/A)	573.02	1.164	0.1
MH-110	576.27	575.12	575.12	(N/A)	575.05	0.16	0.04
MH-3742	576.29	575.14	(N/A)	(N/A)	575.14	0.82	0.1
MH-3695	576.3	575.15	(N/A)	(N/A)	574.96	0.02	0.01
MH-1973	576.3	575.15	(N/A)	(N/A)	575.15	0.019	0.02
MH-3965	576.31	(N/A)	(N/A)	(N/A)	575.16	0.005	0.01
MH-990	576.31	575.16	(N/A)	(N/A)	575.16	0.393	0.06
MH-2343	576.32	575.17	(N/A)	(N/A)	575.17	0.247	0.08
MH-3757	576.33	572.75	572.65	(N/A)	572.65	0.515	0.07
MH-4359	576.33	573.38	575.18	(N/A)	573.38	0.755	0.08
MH-2301	576.34	575.19	(N/A)	(N/A)	574.76	0.334	0.06
MH-3155	576.34	575.19	(N/A)	(N/A)	575.07	0.021	0.01
MH-4086	576.35	(N/A)	(N/A)	(N/A)	574.92	0.035	0.02
MH-109	576.36	575.21	(N/A)	(N/A)	575.21	0.04	0.02
MH-1746	576.37	574.58	574.13	(N/A)	574.13	0.077	0.04
MH-4560	576.39	(N/A)	(N/A)	(N/A)	574.96	0.02	0.01
MH-3427	576.4	575.25	(N/A)	(N/A)	575.14	0.016	0.01
MH-2289	576.4	574.16	(N/A)	(N/A)	574.16	0.411	0.06
MH-1599	576.42	575.27	(N/A)	(N/A)	574.98	0.028	0.02
MH-3522	576.43	573.84	(N/A)	(N/A)	573.84	0.238	0.07
MH-3791	576.43	575.28	(N/A)	(N/A)	575.2	0.018	0.01
MH-3337	576.44	575.29	(N/A)	(N/A)	575.17	0.079	0.03
MH-3741	576.44	575.29	(N/A)	(N/A)	575.29	0.768	0.09
MH-4026	576.45	575.3	(N/A)	(N/A)	574.77	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-2668	576.45	572.52	(N/A)	(N/A)	572.52	15.103	0.36
MH-215	576.46	575.31	(N/A)	(N/A)	574.69	1.453	0.12
MH-2650	576.47	574.77	(N/A)	(N/A)	574.29	25.756	0.34
MH-869	576.47	575.32	575.32	(N/A)	575.07	0.035	0.02
MH-168	576.48	575.33	(N/A)	(N/A)	575.18	0.273	0.05
MH-3871	576.48	574.9	(N/A)	(N/A)	574.9	0.411	0.06
MH-2022	576.49	574.6	(N/A)	(N/A)	574.6	0.045	0.03
MH-4250	576.49	575.34	(N/A)	(N/A)	574.87	0.06	0.02
MH-365	576.51	575.36	(N/A)	(N/A)	575.36	0.032	0.02
MH-3846	576.51	575.36	(N/A)	(N/A)	575.13	0.034	0.02
MH-3513	576.52	575.37	(N/A)	(N/A)	574.95	0.082	0.03
MH-2930	576.52	575.37	(N/A)	(N/A)	575.17	0.263	0.05
MH-989	576.54	575.39	(N/A)	(N/A)	575.34	0.379	0.06
MH-3881	576.55	575.4	(N/A)	(N/A)	575.28	0.292	0.05
MH-3679	576.55	573.92	(N/A)	(N/A)	573.92	0.339	0.06
MH-1279	576.56	575.41	(N/A)	(N/A)	575.23	0.116	0.03
MH-1423	576.58	575.43	(N/A)	(N/A)	575.05	0.038	0.02
MH-364	576.58	575.43	(N/A)	(N/A)	575.43	0.023	0.01
MH-3380	576.59	575.44	(N/A)	(N/A)	575.31	0.726	0.08
MH-1333	576.6	575.45	(N/A)	(N/A)	575.37	0.156	0.04
MH-4269	576.63	(N/A)	(N/A)	(N/A)	575.48	0.006	0.01
MH-4001	576.64	575.49	(N/A)	(N/A)	575.25	0.026	0.02
MH-2306	576.65	575.5	(N/A)	(N/A)	575.21	0.028	0.02
MH-4234	576.67	575.07	575.52	(N/A)	574.69	18.606	0.3
MH-2055	576.68	574.65	(N/A)	(N/A)	574.65	0.425	0.06
MH-167	576.68	575.53	(N/A)	(N/A)	575.43	0.264	0.05
MH-2342	576.69	(N/A)	(N/A)	(N/A)	575.45	0.237	0.05
MH-2182	576.69	574.63	575.54	574.63	574.63	0.04	0.03
MH-868	576.69	575.54	(N/A)	(N/A)	575.49	0.01	0.01
MH-1535	576.69	575.54	(N/A)	(N/A)	575.23	0.031	0.02
MH-713	576.7	575.55	575.55	(N/A)	575.55	0.712	0.08
MH-2156	576.71	575.56	(N/A)	(N/A)	575.27	0.99	0.1
MH-3152	576.71	575.14	(N/A)	(N/A)	575.14	0.256	0.08
MH-1278	576.72	575.57	(N/A)	(N/A)	575.57	0.089	0.03
MH-3765	576.73	574.35	575.58	(N/A)	574.35	0.04	0.03
MH-2915	576.76	575.61	(N/A)	(N/A)	575.49	0.016	0.01
MH-3641	576.77	572.86	(N/A)	(N/A)	572.86	0.437	0.06
MH-2995	576.78	575.63	(N/A)	(N/A)	575.14	0.569	0.07
MH-459	576.78	574.41	(N/A)	(N/A)	574.41	0.406	0.06
MH-1345	576.79	575.64	575.64	575.11	575.11	0.131	0.03
MH-737	576.79	(N/A)	(N/A)	(N/A)	575.64	0.012	0.01
MH-3694	576.8	(N/A)	(N/A)	(N/A)	575.45	0.006	0.01
MH-4624	576.8	575.24	(N/A)	(N/A)	575.24	1.866	0.12
MH-1430	576.81	574.44	575.66	(N/A)	574.44	0.497	0.07
MH-4204	576.81	(N/A)	(N/A)	(N/A)	575.61	0.042	0.02
MH-1598	576.84	(N/A)	(N/A)	(N/A)	575.49	0.01	0.01
MH-4280	576.84	(N/A)	(N/A)	(N/A)	575.43	0.005	0.01
MH-3450	576.85	(N/A)	(N/A)	(N/A)	575.41	0.005	0.01
MH-69	576.85	575.7	(N/A)	(N/A)	575.47	0.011	0.01
MH-2816	576.85	575.7	(N/A)	(N/A)	575.69	0.035	0.02
MH-1334	576.85	575.7	575.7	(N/A)	575.65	0.151	0.04

NODE REPORT ZONE 1

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MH-1633	576.89	574.21	575.74	(N/A)	574.21	0.334	0.06
MH-4420	576.89	574.68	(N/A)	(N/A)	574.68	0.018	0.02
MH-1265	576.9	574.57	573	(N/A)	572.55	15.068	0.37
MH-1088	576.9	575.72	575.75	(N/A)	575.72	0.26	0.05
MH-3199	576.9	575.75	(N/A)	(N/A)	575.67	0.238	0.05
MH-344	576.91	575.76	(N/A)	(N/A)	575.76	0.069	0.03
MH-2264	576.93	575.78	(N/A)	(N/A)	575.45	0.114	0.03
MH-2191	576.93	575.78	(N/A)	(N/A)	575.63	0.714	0.08
MH-2266	576.94	575.06	575.06	(N/A)	575.06	0.02	0.02
MH-437	576.95	574.32	(N/A)	(N/A)	574.32	0.511	0.07
MH-3580	576.95	575.8	(N/A)	(N/A)	575.69	0.366	0.06
MH-70	576.96	(N/A)	(N/A)	(N/A)	575.81	0.005	0.01
MH-1657	576.96	573.16	575.81	(N/A)	573.12	1.146	0.1
MH-1745	576.96	574.11	(N/A)	(N/A)	574.11	0.087	0.04
MH-2373	576.97	575.82	(N/A)	(N/A)	575.7	0.267	0.05
MH-343	576.98	575.83	(N/A)	(N/A)	575.83	0.064	0.02
MH-458	576.98	574.53	(N/A)	(N/A)	574.53	0.401	0.06
MH-3845	576.98	(N/A)	(N/A)	(N/A)	575.66	0.011	0.01
MH-1972	576.99	(N/A)	(N/A)	(N/A)	575.34	0.006	0.01
MH-1125	577	574.98	(N/A)	(N/A)	574.98	0.126	0.03
MH-3630	577.01	575.86	(N/A)	(N/A)	575.86	0.063	0.02
MH-3825	577.01	575.79	(N/A)	(N/A)	575.33	1.671	0.12
MH-438	577.01	575.74	574.24	(N/A)	573.99	3.477	0.17
MH-712	577.02	575.87	(N/A)	(N/A)	575.71	0.623	0.08
MH-182	577.04	575.89	(N/A)	(N/A)	575.63	0.032	0.02
MH-1640	577.04	575.89	(N/A)	(N/A)	575.89	0.06	0.02
MH-3618	577.04	573.85	(N/A)	(N/A)	573.85	0.059	0.06
MH-369	577.05	575.9	575.9	(N/A)	575.69	0.02	0.01
MH-896	577.07	(N/A)	(N/A)	(N/A)	575.92	0.008	0.01
MH-100	577.07	575.9	(N/A)	(N/A)	575.9	0.014	0.02
MH-1534	577.09	(N/A)	(N/A)	(N/A)	575.76	0.008	0.01
MH-251	577.09	575.94	575.45	(N/A)	575.45	18.504	0.3
MH-3579	577.09	574.32	(N/A)	(N/A)	574.32	0.051	0.03
MH-3079	577.09	(N/A)	(N/A)	(N/A)	575.94	0.248	0.07
MH-2828	577.1	575.11	(N/A)	(N/A)	575.11	0.27	0.08
MH-3623	577.1	(N/A)	(N/A)	(N/A)	575.84	0.005	0.01
MH-4017	577.1	(N/A)	(N/A)	(N/A)	575.8	0.009	0.01
MH-101	577.11	575.89	(N/A)	(N/A)	575.89	0.02	0.02
MH-810	577.12	(N/A)	(N/A)	(N/A)	575.57	0.024	0.01
MH-1646	577.12	575.97	(N/A)	(N/A)	575.97	0.193	0.04
MH-2263	577.13	575.98	(N/A)	(N/A)	575.98	0.103	0.03
MH-1264	577.17	574.58	(N/A)	(N/A)	574.58	14.691	0.33
MH-189	577.19	576.04	(N/A)	(N/A)	575.91	0.011	0.01
MH-1406	577.2	576.05	(N/A)	(N/A)	575.91	0.116	0.03
MH-1576	577.2	575.87	(N/A)	(N/A)	575.87	0.03	0.03
MH-3512	577.21	576.06	(N/A)	(N/A)	575.67	0.065	0.02
MH-893	577.21	576.06	(N/A)	(N/A)	576	0.047	0.02
MH-3484	577.22	575.52	(N/A)	(N/A)	575.07	25.648	0.34
MH-4339	577.22	576.07	(N/A)	(N/A)	575.53	0.057	0.02
MH-368	577.23	576.08	(N/A)	(N/A)	576.02	0.011	0.01
MH-1752	577.24	576.09	(N/A)	(N/A)	575.8	0.02	0.01

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-4170	577.24	(N/A)	(N/A)	(N/A)	575.95	0.026	0.02
MH-1645	577.25	576.1	(N/A)	(N/A)	576.1	0.174	0.04
MH-2388	577.25	573.88	(N/A)	(N/A)	573.88	0.221	0.07
MH-60	577.25	575.03	(N/A)	(N/A)	575.03	0.024	0.02
MH-225	577.26	576.07	(N/A)	(N/A)	576.07	0.048	0.02
MH-396	577.26	576.11	575.9	575.85	575.38	1.852	0.12
MH-4506	577.27	(N/A)	(N/A)	(N/A)	576.12	0.018	0.02
MH-1944	577.27	576.07	(N/A)	(N/A)	576.03	1.179	0.1
MH-395	577.27	575.94	(N/A)	(N/A)	575.94	1.188	0.1
MH-4600	577.28	(N/A)	(N/A)	(N/A)	576.13	0.02	0.03
MH-3629	577.28	576.13	(N/A)	(N/A)	576.13	0.051	0.02
MH-2134	577.28	576.13	(N/A)	(N/A)	576	0.022	0.01
MH-1632	577.28	574.23	(N/A)	(N/A)	574.23	0.13	0.05
MH-3838	577.28	576.13	576.1	(N/A)	576.1	0.349	0.06
MH-181	577.29	576.14	(N/A)	(N/A)	575.99	0.026	0.02
MH-61	577.29	575.03	575.44	(N/A)	575.03	0.034	0.03
MH-3770	577.29	573.78	572.98	(N/A)	572.98	0.429	0.06
MH-2201	577.31	576.16	(N/A)	(N/A)	575.83	0.954	0.1
MH-2257	577.31	576.16	(N/A)	(N/A)	576.11	0.245	0.05
MH-741	577.32	576.17	575	(N/A)	575	0.118	0.05
MH-190	577.33	(N/A)	(N/A)	(N/A)	576.14	0.007	0.01
MH-1344	577.35	576.2	(N/A)	(N/A)	575.84	0.078	0.03
MH-224	577.35	576.08	(N/A)	(N/A)	576.08	0.035	0.03
MH-2740	577.36	576.21	(N/A)	(N/A)	576.21	0.07	0.03
MH-4262	577.36	576.21	(N/A)	(N/A)	576.21	0.277	0.08
MH-4096	577.38	576.23	(N/A)	(N/A)	575.89	0.015	0.01
MH-1173	577.38	576.23	(N/A)	(N/A)	576.23	0.151	0.04
MH-2898	577.39	(N/A)	(N/A)	(N/A)	576.24	0.032	0.03
MH-265	577.4	576.25	576.25	(N/A)	576.25	0.132	0.05
MH-967	577.41	576.26	(N/A)	(N/A)	576.05	0.206	0.04
MH-4372	577.43	(N/A)	(N/A)	(N/A)	576.26	0.006	0.01
MH-3857	577.44	(N/A)	(N/A)	(N/A)	576.29	0.06	0.04
MH-2310	577.44	574.79	(N/A)	(N/A)	574.79	0.395	0.06
MH-1943	577.45	576.27	576.18	(N/A)	576.16	1.16	0.12
MH-392	577.46	576.31	(N/A)	(N/A)	576.31	0.042	0.02
MH-1530	577.47	576.32	(N/A)	(N/A)	576.32	0.107	0.05
MH-4415	577.48	576.33	(N/A)	(N/A)	576.16	0.031	0.02
MH-1969	577.48	576.08	576.08	(N/A)	576.08	0.19	0.07
MH-2234	577.49	575.08	(N/A)	(N/A)	575.08	0.282	0.08
MH-1964	577.49	575.47	(N/A)	(N/A)	575.47	18.478	0.38
MH-3331	577.49	575.67	(N/A)	(N/A)	575.67	0.611	0.07
MH-1953	577.5	576.05	(N/A)	(N/A)	576.05	0.204	0.07
MH-2192	577.5	576.35	(N/A)	(N/A)	576.05	0.695	0.08
MH-391	577.5	576.35	(N/A)	(N/A)	576.35	0.036	0.02
MH-1858	577.51	576.36	(N/A)	(N/A)	576.36	0.209	0.04
MH-1656	577.51	576.36	(N/A)	(N/A)	576.04	0.375	0.06
MH-1531	577.51	576.3	576.3	(N/A)	576.3	0.156	0.04
MH-1702	577.53	576.38	576.38	576.38	575.93	0.548	0.07
MH-3824	577.54	576.32	(N/A)	(N/A)	576.1	1.648	0.12
MH-1833	577.55	574.29	(N/A)	(N/A)	574.29	0.059	0.04
MH-2645	577.56	575.91	(N/A)	(N/A)	575.91	0.358	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-264	577.58	576.43	(N/A)	(N/A)	576.37	0.084	0.03
MH-2739	577.58	(N/A)	(N/A)	(N/A)	576.43	0.028	0.02
MH-3950	577.58	576.43	576.43	(N/A)	576.43	0.04	0.02
MH-740	577.58	576.43	(N/A)	(N/A)	576.33	0.082	0.03
MH-1734	577.6	(N/A)	(N/A)	(N/A)	576.45	0.015	0.01
MH-4479	577.61	(N/A)	(N/A)	(N/A)	576.14	0.053	0.02
MH-3843	577.61	(N/A)	(N/A)	(N/A)	576.46	0.022	0.02
MH-1005	577.61	576.46	576.46	(N/A)	576.06	0.198	0.04
MH-728	577.62	(N/A)	(N/A)	(N/A)	576.47	0.014	0.02
MH-2913	577.63	575.82	(N/A)	(N/A)	575.82	0.59	0.07
MH-3917	577.63	(N/A)	(N/A)	(N/A)	576.37	0.027	0.02
MH-1101	577.63	576.47	576.03	(N/A)	576.03	0.308	0.08
MH-2256	577.63	576.48	(N/A)	(N/A)	576.44	0.224	0.05
MH-250	577.64	576.49	(N/A)	(N/A)	576.05	0.013	0.01
MH-3196	577.64	574.61	(N/A)	(N/A)	574.61	14.653	0.35
MH-999	577.64	576.49	(N/A)	(N/A)	575.77	1.376	0.12
MH-3876	577.65	576.33	(N/A)	(N/A)	575.56	0.288	0.05
MH-1984	577.65	576.5	(N/A)	(N/A)	576.5	0.097	0.05
MH-1751	577.65	576.5	(N/A)	(N/A)	576.33	0.016	0.01
MH-311	577.65	576.5	576.5	(N/A)	576.43	0.183	0.04
MH-3039	577.66	576.51	576.51	(N/A)	576.35	0.111	0.03
MH-3807	577.67	576.52	(N/A)	(N/A)	576.51	0.123	0.03
MH-1378	577.7	576.55	574.08	(N/A)	574.08	0.116	0.05
MH-3598	577.72	(N/A)	(N/A)	(N/A)	576.57	0.008	0.01
MH-3305	577.72	576.57	(N/A)	(N/A)	576.57	0.04	0.02
MH-3019	577.73	576.44	576.44	576.44	576.44	0.091	0.03
MH-1999	577.73	576.58	576.58	(N/A)	576.18	0.609	0.08
MH-4109	577.73	(N/A)	(N/A)	(N/A)	576.39	0.006	0.01
MH-3105	577.73	(N/A)	(N/A)	(N/A)	576.58	0.034	0.03
MH-729	577.73	576.45	(N/A)	(N/A)	576.45	0.025	0.02
MH-1857	577.74	576.59	(N/A)	(N/A)	576.59	0.196	0.04
MH-2362	577.75	576.57	(N/A)	(N/A)	576.57	0.87	0.09
MH-1102	577.77	576.62	576.01	(N/A)	575.98	0.576	0.07
MH-3328	577.79	576.64	(N/A)	(N/A)	576.64	0.083	0.03
MH-4805	577.8	576.52	(N/A)	(N/A)	576.52	2.947	0.15
MH-3640	577.8	573.8	(N/A)	(N/A)	573.8	0.286	0.08
MH-3432	577.82	576.67	(N/A)	(N/A)	576.67	0.08	0.03
MH-1306	577.82	576.67	575.03	(N/A)	575.03	0.388	0.06
MH-4163	577.83	575.5	(N/A)	(N/A)	575.5	18.456	0.4
MH-4606	577.83	(N/A)	(N/A)	(N/A)	576.68	0.006	0.01
MH-2235	577.84	575.05	(N/A)	(N/A)	575.05	0.287	0.08
MH-585	577.84	576.69	(N/A)	(N/A)	576.65	0.12	0.03
MH-2899	577.85	576.21	(N/A)	(N/A)	576.21	0.046	0.03
MH-3217	577.86	576.71	(N/A)	(N/A)	576.71	0.025	0.02
MH-3018	577.87	576.72	(N/A)	(N/A)	576.72	0.053	0.02
MH-310	577.87	576.72	(N/A)	(N/A)	576.68	0.057	0.02
MH-4261	577.89	576.74	(N/A)	(N/A)	576.55	0.259	0.05
MH-3255	577.9	576.2	(N/A)	(N/A)	575.82	25.541	0.34
MH-2110	577.91	(N/A)	(N/A)	(N/A)	576.76	0.003	0.01
MH-4275	577.92	(N/A)	(N/A)	(N/A)	576.76	0.015	0.01
MH-1728	577.93	576.78	(N/A)	(N/A)	576.78	0.092	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-4843	577.94	(N/A)	(N/A)	(N/A)	576.79	0.018	0.01
MH-3853	577.94	576.79	(N/A)	(N/A)	576.36	0.052	0.02
MH-2361	577.94	576.77	(N/A)	(N/A)	576.77	0.851	0.09
MH-1231	577.95	576.8	(N/A)	(N/A)	576.66	0.112	0.03
MH-4390	577.95	(N/A)	(N/A)	(N/A)	576.69	0.024	0.01
MH-3327	577.95	576.8	(N/A)	(N/A)	576.8	0.066	0.02
MH-2133	577.97	(N/A)	(N/A)	(N/A)	576.39	0.01	0.01
MH-3668	577.98	576.25	(N/A)	(N/A)	576.25	0.1	0.05
MH-375	577.99	576.84	574.27	(N/A)	574.27	0.125	0.05
MH-2344	577.99	576.84	(N/A)	(N/A)	576.47	0.917	0.1
MH-544	577.99	576.78	(N/A)	(N/A)	576.78	0.237	0.07
MH-3253	577.99	576.81	(N/A)	(N/A)	576.81	0.219	0.07
MH-545	577.99	576.77	(N/A)	(N/A)	576.77	0.259	0.05
MH-434	577.99	576.84	576.84	(N/A)	576.84	0.199	0.07
MH-2097	577.99	576.79	576.79	(N/A)	576.79	0.202	0.04
MH-3874	578	576.4	576.85	(N/A)	576.4	1.625	0.13
MH-3806	578.01	576.82	(N/A)	(N/A)	576.82	0.104	0.03
MH-3216	578.02	(N/A)	(N/A)	(N/A)	576.87	0.009	0.01
MH-2096	578.02	576.87	(N/A)	(N/A)	576.87	0.097	0.03
MH-4057	578.02	576.87	(N/A)	(N/A)	576.45	0.016	0.01
MH-3969	578.03	(N/A)	(N/A)	(N/A)	576.88	0.01	0.02
MH-2223	578.03	575.63	(N/A)	(N/A)	575.63	0.449	0.07
MH-851	578.03	576.88	(N/A)	(N/A)	576.64	0.082	0.03
MH-4653	578.04	(N/A)	(N/A)	(N/A)	576.02	0.005	0.01
MH-2830	578.04	(N/A)	(N/A)	(N/A)	576.89	0.03	0.03
MH-2387	578.05	573.9	(N/A)	(N/A)	573.9	0.21	0.07
MH-4218	578.05	(N/A)	(N/A)	(N/A)	576.55	0.006	0.01
MH-590	578.08	576.93	(N/A)	(N/A)	576.84	0.117	0.03
MH-1305	578.08	(N/A)	(N/A)	(N/A)	576.87	0.096	0.03
MH-2904	578.09	576.94	(N/A)	(N/A)	576.42	0.029	0.02
MH-3849	578.1	576.95	(N/A)	(N/A)	576.95	0.076	0.03
MH-3793	578.1	576.95	(N/A)	(N/A)	576.95	0.099	0.03
MH-288	578.1	576.74	576.95	(N/A)	576.74	0.078	0.03
MH-3820	578.11	(N/A)	(N/A)	(N/A)	576.81	0.01	0.01
MH-1701	578.11	576.96	(N/A)	(N/A)	576.61	0.358	0.06
MH-3133	578.12	574.64	(N/A)	(N/A)	574.64	14.575	0.36
MH-4392	578.14	(N/A)	(N/A)	(N/A)	576.79	0.073	0.03
MH-3707	578.14	575.54	(N/A)	(N/A)	575.54	18.425	0.42
MH-2439	578.15	577	(N/A)	(N/A)	577	0.057	0.03
MH-3970	578.16	576.85	(N/A)	(N/A)	576.85	0.018	0.01
MH-3094	578.16	577.01	(N/A)	(N/A)	577.01	0.036	0.02
MH-3386	578.17	577.02	(N/A)	(N/A)	576.97	0.062	0.02
MH-3907	578.18	577.03	(N/A)	(N/A)	577.03	0.178	0.04
MH-4025	578.18	577.03	(N/A)	(N/A)	575.61	0.03	0.02
MH-3844	578.18	576.43	(N/A)	(N/A)	576.43	0.049	0.04
MH-3689	578.18	574.04	(N/A)	(N/A)	574.04	0.12	0.05
MH-2730	578.18	576.55	(N/A)	(N/A)	576.55	0.047	0.03
MH-2799	578.19	577.04	(N/A)	(N/A)	576.85	0.079	0.03
MH-3953	578.19	(N/A)	(N/A)	(N/A)	577.04	0.01	0.01
MH-2573	578.2	577.05	(N/A)	(N/A)	576.91	0.025	0.01
MH-433	578.21	577.06	(N/A)	(N/A)	576.97	0.043	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-960	578.22	577.07	(N/A)	(N/A)	577.07	0.042	0.02
MH-1377	578.22	577.07	(N/A)	(N/A)	576.76	0.023	0.01
MH-2716	578.24	577.09	(N/A)	(N/A)	576.66	0.36	0.06
MH-959	578.25	(N/A)	(N/A)	(N/A)	577.1	0.025	0.02
MH-374	578.27	576.96	(N/A)	(N/A)	576.96	0.064	0.02
MH-572	578.28	577.13	(N/A)	(N/A)	577.13	0.076	0.04
MH-573	578.3	577.11	(N/A)	(N/A)	577.11	0.088	0.03
MH-1998	578.3	577.15	(N/A)	(N/A)	576.83	0.487	0.07
MH-287	578.3	577.15	(N/A)	(N/A)	577.07	0.055	0.02
MH-2213	578.3	576.18	(N/A)	(N/A)	576.18	0.059	0.04
MH-4239	578.31	577.16	(N/A)	(N/A)	577.16	0.092	0.03
MH-3983	578.32	(N/A)	(N/A)	(N/A)	577.17	0.01	0.01
MH-4016	578.34	576.51	(N/A)	(N/A)	576.51	1.248	0.11
MH-1730	578.34	577.19	(N/A)	(N/A)	577.19	0.026	0.02
MH-849	578.34	577.19	577.19	(N/A)	576.58	0.064	0.02
MH-3448	578.37	(N/A)	(N/A)	(N/A)	577.22	0.021	0.02
MH-1843	578.38	577.11	575.41	(N/A)	575.16	4.683	0.23
MH-4232	578.38	(N/A)	(N/A)	(N/A)	576.76	0.01	0.01
MH-4309	578.38	577.23	(N/A)	(N/A)	577.1	0.238	0.05
MH-1729	578.4	(N/A)	(N/A)	(N/A)	577.25	0.013	0.01
MH-3792	578.41	577.26	(N/A)	(N/A)	577.26	0.077	0.03
MH-1206	578.43	577.28	(N/A)	(N/A)	577.03	0.109	0.03
MH-1727	578.43	577.28	(N/A)	(N/A)	577.01	0.07	0.03
MH-3818	578.44	(N/A)	(N/A)	(N/A)	577.29	0.015	0.02
MH-850	578.45	577.3	(N/A)	(N/A)	577.05	0.078	0.03
MH-1114	578.46	577.31	(N/A)	(N/A)	577.31	0.068	0.02
MH-1803	578.46	577.31	(N/A)	(N/A)	577.31	0.154	0.04
MH-2831	578.5	576.86	(N/A)	(N/A)	576.86	0.043	0.03
MH-4572	578.52	(N/A)	(N/A)	(N/A)	577.37	0.036	0.03
MH-3269	578.53	(N/A)	(N/A)	(N/A)	577.31	0.016	0.01
MH-3446	578.53	577.1	577.38	(N/A)	577.1	0.053	0.02
MH-1540	578.54	577.39	577.39	(N/A)	577.39	0.076	0.03
MH-4783	578.54	577.39	(N/A)	(N/A)	577.08	0.601	0.08
MH-3387	578.56	577.41	(N/A)	(N/A)	577.32	0.035	0.02
MH-3170	578.56	577.41	(N/A)	(N/A)	577.23	0.104	0.03
MH-2518	578.57	577.42	577.42	(N/A)	575.85	0.088	0.03
MH-3937	578.58	576.62	(N/A)	(N/A)	576.62	1.21	0.1
MH-3132	578.59	574.67	(N/A)	(N/A)	574.67	14.49	0.37
MH-3669	578.59	576.22	(N/A)	(N/A)	576.22	0.138	0.06
MH-2132	578.59	577.44	(N/A)	(N/A)	577.35	0.017	0.01
MH-143	578.6	577.33	(N/A)	(N/A)	577.33	2.911	0.15
MH-1539	578.6	577.45	(N/A)	(N/A)	577.45	0.04	0.02
MH-4213	578.61	(N/A)	(N/A)	(N/A)	577.19	0.006	0.01
MH-3706	578.61	575.57	(N/A)	(N/A)	575.57	18.393	0.43
MH-3307	578.61	577.44	(N/A)	(N/A)	577.16	0.83	0.09
MH-3611	578.62	577.47	(N/A)	(N/A)	577.14	0.348	0.06
MH-2798	578.62	577.47	(N/A)	(N/A)	577.34	0.07	0.03
MH-267	578.62	577.47	577.47	(N/A)	577.12	0.896	0.09
MH-3254	578.63	576.93	(N/A)	(N/A)	576.5	25.445	0.34
MH-142	578.63	577.36	(N/A)	(N/A)	577.36	2.894	0.15
MH-2020	578.63	576.52	(N/A)	(N/A)	576.52	0.059	0.03

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MH-22	578.64	577.49	577.49	577.32	576.82	1.297	0.11
MH-3688	578.65	574.01	(N/A)	(N/A)	574.01	0.124	0.05
MH-2311	578.66	576.36	(N/A)	(N/A)	576.36	0.234	0.07
MH-3852	578.67	577.52	(N/A)	(N/A)	577.09	0.036	0.02
MH-1802	578.68	577.53	(N/A)	(N/A)	577.53	0.141	0.04
MH-2487	578.68	577.53	(N/A)	(N/A)	576.93	0.051	0.02
MH-1651	578.68	(N/A)	(N/A)	(N/A)	577.53	0.002	0.01
MH-410	578.69	577.54	577.54	(N/A)	577.54	0.058	0.02
MH-2529	578.7	(N/A)	(N/A)	(N/A)	577.55	0.027	0.02
MH-2109	578.7	576.73	(N/A)	(N/A)	576.73	0.006	0.01
MH-3296	578.71	(N/A)	(N/A)	(N/A)	577.56	0.013	0.02
MH-3932	578.71	(N/A)	(N/A)	(N/A)	577.56	0.007	0.01
MH-1317	578.72	575.12	576.15	577.57	575.12	5.697	0.25
MH-21	578.73	577.58	(N/A)	(N/A)	577.55	1.015	0.1
MH-266	578.75	577.6	(N/A)	(N/A)	577.59	0.012	0.01
MH-3984	578.76	577.14	(N/A)	(N/A)	577.14	0.023	0.02
MH-2914	578.77	577.49	(N/A)	(N/A)	577.4	4.149	0.17
MH-848	578.77	(N/A)	(N/A)	(N/A)	577.36	0.008	0.01
MH-3819	578.78	577.26	(N/A)	(N/A)	577.26	0.022	0.02
MH-3453	578.79	577.64	(N/A)	(N/A)	577.26	0.334	0.06
MH-2468	578.8	576.72	(N/A)	(N/A)	576.72	1.175	0.1
MH-2421	578.8	577.65	(N/A)	(N/A)	577.48	0.044	0.02
MH-1917	578.81	577.66	577.45	(N/A)	577.45	0.05	0.02
MH-912	578.82	577.6	577.64	(N/A)	577.55	2.867	0.15
MH-2903	578.82	(N/A)	(N/A)	(N/A)	577.13	0.009	0.01
MH-1394	578.82	577.67	(N/A)	(N/A)	577.67	0.054	0.02
MH-3422	578.83	577.19	(N/A)	(N/A)	577.19	0.034	0.03
MH-1205	578.83	577.37	(N/A)	(N/A)	577.37	0.105	0.03
MH-409	578.84	577.67	(N/A)	(N/A)	577.67	0.046	0.02
MH-3966	578.85	577.22	577.7	573.83	573.83	0.275	0.08
MH-3597	578.87	577.53	(N/A)	(N/A)	577.53	0.017	0.02
MH-1916	578.87	577.5	(N/A)	(N/A)	577.5	0.025	0.02
MH-1895	578.9	(N/A)	(N/A)	(N/A)	577.75	0.012	0.02
MH-1157	578.9	577.75	(N/A)	(N/A)	577.48	0.075	0.03
MH-3614	578.9	577.07	(N/A)	(N/A)	577.07	0.06	0.03
MH-2336	578.91	577.76	(N/A)	(N/A)	577.57	0.22	0.05
MH-3924	578.91	575.6	(N/A)	(N/A)	575.6	18.366	0.43
MH-175	578.91	576.4	(N/A)	(N/A)	576.4	0.065	0.06
MH-4502	578.95	(N/A)	(N/A)	(N/A)	577.79	0.021	0.01
MH-1947	578.95	576.83	(N/A)	(N/A)	576.83	0.055	0.03
MH-2715	578.96	577.81	(N/A)	(N/A)	577.38	0.342	0.06
MH-3497	578.96	577.7	577.7	(N/A)	577.7	0.125	0.03
MH-3474	578.97	(N/A)	(N/A)	(N/A)	577.71	0.019	0.01
MH-3954	578.98	577.01	(N/A)	(N/A)	577.01	0.021	0.02
MH-5	578.99	577.84	(N/A)	(N/A)	577.77	0.049	0.02
MH-2131	579	(N/A)	(N/A)	(N/A)	577.71	0.009	0.01
MH-2031	579	577.85	576.89	(N/A)	576.82	1.153	0.1
MH-1830	579	577.85	(N/A)	(N/A)	577.85	0.064	0.02
MH-1417	579.01	577.86	577.46	(N/A)	577.46	0.46	0.07
MH-2778	579.01	577.86	(N/A)	(N/A)	577.24	0.145	0.04
MH-911	579.01	577.77	(N/A)	(N/A)	577.77	2.005	0.13

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-1045	579.02	577.87	(N/A)	(N/A)	577.76	0.998	0.1
MH-1393	579.02	577.87	(N/A)	(N/A)	577.87	0.042	0.02
MH-1318	579.02	575.1	576.5	(N/A)	575.1	5.769	0.25
MH-6	579.03	577.88	(N/A)	(N/A)	577.87	0.036	0.02
MH-3294	579.06	574.7	(N/A)	(N/A)	574.7	14.442	0.37
MH-616	579.07	577.9	577.92	(N/A)	577.9	0.848	0.09
MH-636	579.08	577.93	(N/A)	(N/A)	577.67	0.863	0.09
MH-1723	579.08	575.65	(N/A)	(N/A)	575.65	17.412	0.44
MH-918	579.08	(N/A)	(N/A)	(N/A)	577.93	0.012	0.01
MH-1919	579.09	577.94	(N/A)	(N/A)	577.39	0.017	0.01
MH-2139	579.09	(N/A)	(N/A)	(N/A)	577.94	0.06	0.04
MH-2399	579.09	(N/A)	(N/A)	(N/A)	577.94	0.01	0.04
MH-3142	579.1	577.95	(N/A)	(N/A)	577.36	0.03	0.02
MH-1708	579.1	577.63	(N/A)	(N/A)	577.63	0.347	0.06
MH-2335	579.11	577.96	(N/A)	(N/A)	577.96	0.199	0.04
MH-3541	579.13	577.98	(N/A)	(N/A)	577.98	0.036	0.02
MH-3815	579.13	(N/A)	(N/A)	(N/A)	577.98	0.009	0.01
MH-4928	579.13	576.12	577.53	(N/A)	575.67	17.398	0.44
MH-3766	579.14	576.19	(N/A)	(N/A)	576.19	0.179	0.06
MH-866	579.15	578	(N/A)	(N/A)	578	0.03	0.02
MH-1451	579.15	576.7	(N/A)	(N/A)	576.7	0.009	0.01
MH-3518	579.15	(N/A)	(N/A)	(N/A)	578	0.02	0.02
MH-2140	579.15	577.92	577.92	(N/A)	577.92	0.156	0.06
MH-2100	579.15	577.83	578	(N/A)	577.83	0.942	0.1
MH-3306	579.15	577.98	(N/A)	(N/A)	577.74	0.796	0.08
MH-248	579.16	577.91	577.88	(N/A)	577.79	4.049	0.17
MH-672	579.16	577.51	(N/A)	(N/A)	577.51	0.005	0.01
MH-3137	579.16	577.53	(N/A)	(N/A)	577.53	0.025	0.02
MH-2721	579.17	(N/A)	(N/A)	(N/A)	577.57	0.047	0.02
MH-3952	579.17	578.02	(N/A)	(N/A)	578.02	0.089	0.03
MH-2476	579.18	577.1	578.03	(N/A)	577.1	0.054	0.03
MH-176	579.18	576.39	578.03	(N/A)	576.39	0.192	0.07
MH-3816	579.19	577.95	(N/A)	(N/A)	577.95	0.014	0.02
MH-1481	579.21	578.06	577.4	(N/A)	577.4	0.101	0.05
MH-1553	579.23	(N/A)	(N/A)	(N/A)	577.76	0.008	0.01
MH-914	579.23	577.54	575.63	(N/A)	575.63	18.345	0.44
MH-735	579.24	578.09	(N/A)	(N/A)	577.9	0.006	0.01
MH-615	579.24	578.07	(N/A)	(N/A)	578.07	0.088	0.03
MH-865	579.24	(N/A)	(N/A)	(N/A)	578.09	0.017	0.01
MH-3499	579.27	577.77	(N/A)	(N/A)	577.77	0.32	0.06
MH-3519	579.27	577.97	(N/A)	(N/A)	577.97	0.04	0.03
MH-3776	579.27	578.1	(N/A)	(N/A)	578.1	0.747	0.08
MH-1910	579.28	577.16	(N/A)	(N/A)	577.16	0.046	0.03
MH-1707	579.29	577.86	(N/A)	(N/A)	577.86	0.335	0.06
MH-4393	579.3	(N/A)	(N/A)	(N/A)	577.74	0.01	0.01
MH-2543	579.31	573.93	576.98	(N/A)	573.93	0.204	0.07
MH-1374	579.33	575.07	576.81	(N/A)	575.07	5.843	0.25
MH-859	579.33	(N/A)	(N/A)	(N/A)	578.18	0.009	0.01
MH-1800	579.33	(N/A)	(N/A)	(N/A)	578.18	0.004	0.01
MH-2116	579.34	578.12	(N/A)	(N/A)	578.12	1.986	0.13
MH-3752	579.35	578.2	(N/A)	(N/A)	577.96	0.017	0.01

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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-3359	579.35	577.65	(N/A)	(N/A)	577.22	25.356	0.34
MH-165	579.35	578.2	(N/A)	(N/A)	578.2	0.009	0.01
MH-3951	579.35	(N/A)	(N/A)	(N/A)	578.2	0.062	0.02
MH-4028	579.37	577.12	(N/A)	(N/A)	577.12	0.46	0.07
MH-3272	579.38	578.23	(N/A)	(N/A)	577.73	0.066	0.02
MH-3605	579.38	(N/A)	(N/A)	(N/A)	578.23	0.012	0.02
MH-247	579.39	578.11	578.24	(N/A)	578	2.787	0.14
MH-222	579.39	578.24	(N/A)	(N/A)	578.24	0.006	0.01
MH-985	579.41	577.42	(N/A)	(N/A)	577.42	0.094	0.04
MH-3979	579.41	(N/A)	(N/A)	(N/A)	577.83	0.022	0.01
MH-635	579.42	578.27	(N/A)	(N/A)	578.08	0.839	0.09
MH-3447	579.43	578.28	(N/A)	(N/A)	578.28	1.216	0.11
MH-671	579.43	577.5	(N/A)	(N/A)	577.5	0.01	0.02
MH-2475	579.43	578.28	(N/A)	(N/A)	578.28	0.027	0.02
MH-913	579.44	578.26	577.61	(N/A)	577.61	0.927	0.09
MH-4801	579.44	(N/A)	(N/A)	(N/A)	578.29	0.028	0.02
MH-1416	579.44	578.29	(N/A)	(N/A)	577.99	0.093	0.03
MH-3720	579.44	(N/A)	(N/A)	(N/A)	578.28	0.017	0.01
MH-2211	579.46	578.28	(N/A)	(N/A)	578.28	0.059	0.03
MH-166	579.46	578.19	(N/A)	(N/A)	578.19	0.01	0.02
MH-3584	579.46	578.31	(N/A)	(N/A)	578.31	0.053	0.03
MH-3467	579.47	578.32	(N/A)	(N/A)	577.94	0.294	0.05
MH-114	579.47	578.32	(N/A)	(N/A)	578.12	0.957	0.1
MH-858	579.47	578.17	(N/A)	(N/A)	578.17	0.018	0.02
MH-4364	579.48	(N/A)	(N/A)	(N/A)	578.24	0.022	0.01
MH-309	579.49	578.34	(N/A)	(N/A)	578	0.072	0.03
MH-3834	579.49	(N/A)	(N/A)	(N/A)	576.79	0.007	0.01
MH-3639	579.52	577.36	(N/A)	(N/A)	577.36	0.435	0.06
MH-2115	579.52	578.31	(N/A)	(N/A)	578.31	1.964	0.13
MH-2292	579.53	576.63	573.96	(N/A)	573.96	0.134	0.06
MH-3431	579.53	574.73	(N/A)	(N/A)	574.73	14.414	0.37
MH-3833	579.56	577.88	(N/A)	(N/A)	577.88	0.383	0.06
MH-3760	579.57	576.16	(N/A)	(N/A)	576.16	0.256	0.08
MH-4403	579.57	578.42	578.15	(N/A)	578.15	0.074	0.03
MH-2366	579.58	578.43	(N/A)	(N/A)	577.87	0.033	0.02
MH-2436	579.59	577.89	578.44	(N/A)	577.89	0.313	0.08
MH-2822	579.59	578.44	(N/A)	(N/A)	578.28	0.185	0.04
MH-986	579.59	577.44	(N/A)	(N/A)	577.44	0.09	0.04
MH-4645	579.59	(N/A)	(N/A)	(N/A)	578.44	0.018	0.02
MH-3638	579.59	577.61	(N/A)	(N/A)	577.61	0.409	0.06
MH-1977	579.6	578.45	578.45	(N/A)	578.15	0.674	0.08
MH-2291	579.6	576.57	573.95	(N/A)	573.95	0.181	0.06
MH-4475	579.61	(N/A)	(N/A)	(N/A)	578.16	0.025	0.01
MH-3260	579.61	578.46	(N/A)	(N/A)	578.46	1.089	0.1
MH-734	579.62	(N/A)	(N/A)	(N/A)	578.25	0.002	0
MH-1994	579.62	577.5	(N/A)	(N/A)	577.5	0.036	0.03
MH-551	579.62	578.17	(N/A)	(N/A)	578.17	0.014	0.02
MH-1375	579.65	575.04	577.14	(N/A)	575.04	5.912	0.25
MH-3098	579.66	578.11	(N/A)	(N/A)	578.11	0.324	0.06
MH-3999	579.66	(N/A)	(N/A)	(N/A)	578.51	0.003	0
MH-2353	579.67	578.52	(N/A)	(N/A)	578.52	0.011	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-1202	579.67	577.93	578.24	(N/A)	577.86	0.855	0.08
MH-1083	579.68	578.53	(N/A)	(N/A)	578.53	0.047	0.02
MH-942	579.68	578.53	578.46	(N/A)	578.46	1.94	0.13
MH-3397	579.69	578.22	(N/A)	(N/A)	578.22	0.765	0.08
MH-4453	579.69	(N/A)	(N/A)	(N/A)	577.81	0.006	0.01
MH-2777	579.7	578.55	(N/A)	(N/A)	578.16	0.115	0.03
MH-4063	579.71	577.91	(N/A)	(N/A)	577.91	0.019	0.02
MH-4211	579.72	(N/A)	(N/A)	(N/A)	577.35	0.012	0.01
MH-739	579.72	578.57	578.57	(N/A)	578.57	0.021	0.01
MH-2354	579.72	578.49	(N/A)	(N/A)	578.49	0.018	0.02
MH-3093	579.73	578.56	(N/A)	(N/A)	578.56	0.115	0.03
MH-2400	579.74	577.91	578.59	578.59	577.91	0.169	0.07
MH-3263	579.75	578.6	(N/A)	(N/A)	578.3	0.914	0.1
MH-113	579.76	578.61	(N/A)	(N/A)	578.41	0.907	0.09
MH-1082	579.77	578.62	(N/A)	(N/A)	578.62	0.037	0.02
MH-941	579.77	578.62	(N/A)	(N/A)	578.62	0.023	0.01
MH-547	579.78	578.63	(N/A)	(N/A)	578.63	0.076	0.04
MH-308	579.78	578.63	578.63	(N/A)	578.46	0.07	0.03
MH-900	579.78	578.16	(N/A)	(N/A)	578.16	0.018	0.02
MH-3628	579.78	578.36	(N/A)	(N/A)	578.36	0.046	0.03
MH-1466	579.79	578.62	(N/A)	(N/A)	578.57	1.9	0.12
MH-1918	579.82	578.67	(N/A)	(N/A)	578.18	0.01	0.01
MH-2398	579.82	(N/A)	(N/A)	(N/A)	578.67	0.034	0.02
MH-3657	579.82	578.65	(N/A)	(N/A)	578.51	0.733	0.08
MH-797	579.82	577.47	578.07	(N/A)	577.47	0.087	0.04
MH-3574	579.83	578.68	(N/A)	(N/A)	577.88	0.216	0.04
MH-3259	579.84	578.69	(N/A)	(N/A)	578.69	0.966	0.1
MH-738	579.85	578.7	(N/A)	(N/A)	578.7	0.01	0.01
MH-3751	579.85	(N/A)	(N/A)	(N/A)	578.5	0.005	0.01
MH-3141	579.87	(N/A)	(N/A)	(N/A)	578.24	0.009	0.01
MH-546	579.88	578.61	(N/A)	(N/A)	578.61	0.09	0.04
MH-4798	579.88	578.73	(N/A)	(N/A)	578.18	0.48	0.07
MH-332	579.9	578.75	(N/A)	(N/A)	578.75	0.056	0.04
MH-3880	579.91	578.19	(N/A)	(N/A)	578.19	0.458	0.07
MH-3671	579.94	(N/A)	(N/A)	(N/A)	578.79	0.013	0.01
MH-425	579.94	578.42	(N/A)	(N/A)	578.42	0.361	0.06
MH-2111	579.95	578.8	(N/A)	(N/A)	578.8	0.042	0.03
MH-3606	579.95	578.2	(N/A)	(N/A)	578.2	0.039	0.03
MH-4089	579.96	(N/A)	(N/A)	(N/A)	578.81	0.004	0.01
MH-333	579.97	578.73	(N/A)	(N/A)	578.73	0.11	0.05
MH-3092	579.97	578.82	(N/A)	(N/A)	578.82	0.101	0.03
MH-231	579.98	578.83	578.8	(N/A)	578.8	1.874	0.13
MH-1776	579.98	578.83	(N/A)	(N/A)	578.52	0.811	0.09
MH-4508	579.98	(N/A)	(N/A)	(N/A)	578.83	0.005	0.01
MH-796	579.98	578.08	(N/A)	(N/A)	578.08	0.073	0.04
MH-755	579.99	578.14	(N/A)	(N/A)	578.14	0.02	0.02
MH-3890	579.99	578.84	(N/A)	(N/A)	578.84	0.07	0.03
MH-3678	580	578.82	(N/A)	(N/A)	578.82	0.443	0.07
MH-107	580	576.68	(N/A)	(N/A)	576.68	0.011	0.02
MH-1052	580	575.01	577.47	(N/A)	575.01	5.968	0.24
MH-4169	580	(N/A)	(N/A)	(N/A)	578.85	0.004	0.01

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MH-3892	580	576.63	(N/A)	(N/A)	576.63	0.025	0.02
MH-1527	580	578.72	578.72	(N/A)	578.72	0.048	0.03
MH-106	580	578.8	576.67	(N/A)	576.67	0.018	0.02
MH-3491	580	(N/A)	(N/A)	(N/A)	578.85	0.007	0.01
MH-3487	580	(N/A)	(N/A)	(N/A)	578.85	0.004	0.01
MH-3879	580	578.79	(N/A)	(N/A)	578.79	0.015	0.02
MH-3878	580	578.82	(N/A)	(N/A)	578.82	0.009	0.01
MH-3492	580	578.82	(N/A)	(N/A)	578.82	0.012	0.02
MH-3693	580	(N/A)	(N/A)	(N/A)	578.85	0.003	0.01
MH-457	580	576.66	(N/A)	(N/A)	576.66	0.021	0.02
MH-1878	580	(N/A)	(N/A)	(N/A)	578.85	0.002	0.01
MH-4224	580	578.76	(N/A)	(N/A)	578.76	0.023	0.02
MH-1031	580	578.82	(N/A)	(N/A)	578.82	0.006	0.01
MH-1879	580	578.83	(N/A)	(N/A)	578.83	0.005	0.01
MH-3696	580	576.59	(N/A)	(N/A)	576.59	0.045	0.03
MH-4072	580	578.81	576.61	(N/A)	576.61	0.041	0.03
MH-2444	580.01	578.65	578.86	(N/A)	578.65	0.121	0.05
MH-1367	580.01	574.76	578.79	(N/A)	574.76	14.392	0.37
MH-1526	580.01	578.86	(N/A)	(N/A)	578.86	0.019	0.01
MH-1110	580.01	578.86	(N/A)	(N/A)	578.86	0.036	0.08
MH-1844	580.01	578.86	(N/A)	(N/A)	578.34	0.113	0.03
MH-2973	580.01	578.86	578.74	(N/A)	578.41	2.656	0.14
MH-3517	580.01	578.86	(N/A)	(N/A)	578.86	0.024	0.03
MH-292	580.02	578.05	(N/A)	(N/A)	578.05	0.291	0.05
MH-2821	580.03	578.88	(N/A)	(N/A)	578.74	0.163	0.04
MH-331	580.05	578.9	(N/A)	(N/A)	578.9	0.013	0.02
MH-4180	580.05	577.88	578.54	(N/A)	577.88	0.181	0.04
MH-1976	580.06	578.91	578.91	(N/A)	578.7	0.214	0.04
MH-2154	580.06	578.91	(N/A)	(N/A)	578.91	0.024	0.01
MH-537	580.06	578.46	(N/A)	(N/A)	578.46	0.022	0.02
MH-668	580.07	578.11	(N/A)	(N/A)	578.11	0.07	0.04
MH-3275	580.08	578.38	578.93	(N/A)	577.94	25.286	0.34
MH-640	580.08	578.93	(N/A)	(N/A)	578.81	0.03	0.02
MH-3884	580.08	578.93	(N/A)	(N/A)	578.6	0.072	0.03
MH-3363	580.09	578.94	(N/A)	(N/A)	578.94	0.862	0.09
MH-291	580.1	578.06	(N/A)	(N/A)	578.06	0.27	0.07
MH-330	580.11	(N/A)	(N/A)	(N/A)	578.96	0.007	0.01
MH-884	580.11	578.96	(N/A)	(N/A)	578.96	0.031	0.02
MH-2578	580.12	578.97	(N/A)	(N/A)	578.85	0.082	0.03
MH-642	580.12	578.12	578.39	(N/A)	578.12	0.067	0.04
MH-424	580.12	578.54	(N/A)	(N/A)	578.54	0.357	0.06
MH-1396	580.12	578.97	(N/A)	(N/A)	578.97	0.02	0.02
MH-3627	580.14	578.39	(N/A)	(N/A)	578.39	0.037	0.03
MH-3477	580.15	579	(N/A)	(N/A)	578.62	0.247	0.05
MH-3768	580.15	579	(N/A)	(N/A)	579	0.027	0.02
MH-641	580.16	578.4	579.01	(N/A)	578.4	0.045	0.03
MH-230	580.16	578.94	578.99	(N/A)	578.91	1.767	0.13
MH-665	580.17	578.42	(N/A)	(N/A)	578.42	0.035	0.03
MH-1894	580.17	577.72	(N/A)	(N/A)	577.72	0.072	0.03
MH-883	580.2	579.05	(N/A)	(N/A)	579.05	0.026	0.02
MH-538	580.21	578.45	579.06	(N/A)	578.45	0.031	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-3438	580.21	578.35	(N/A)	(N/A)	578.35	0.741	0.08
MH-3961	580.21	578.69	(N/A)	(N/A)	578.69	0.055	0.03
MH-1845	580.22	(N/A)	(N/A)	(N/A)	579.07	0.07	0.03
MH-2888	580.22	579.07	(N/A)	(N/A)	579.07	0.089	0.03
MH-2365	580.22	(N/A)	(N/A)	(N/A)	578.72	0.014	0.01
MH-639	580.22	579.07	(N/A)	(N/A)	579.07	0.027	0.02
MH-556	580.23	(N/A)	(N/A)	(N/A)	579.08	0.006	0.01
MH-1385	580.24	579.09	(N/A)	(N/A)	578.52	0.045	0.02
MH-2261	580.24	(N/A)	(N/A)	(N/A)	579.09	0.187	0.06
MH-105	580.25	579.1	579.1	(N/A)	578.79	0.89	0.09
MH-2262	580.25	579.1	579.06	(N/A)	579.06	0.42	0.06
MH-15	580.25	578.83	(N/A)	(N/A)	578.83	0.027	0.05
MH-405	580.26	579.08	(N/A)	(N/A)	578.95	0.717	0.08
MH-4544	580.28	(N/A)	(N/A)	(N/A)	579.13	0.092	0.04
MH-649	580.28	578.68	(N/A)	(N/A)	578.68	0.353	0.06
MH-3654	580.29	579.14	(N/A)	(N/A)	579.14	0.055	0.02
MH-2296	580.29	579.14	(N/A)	(N/A)	578.91	0.039	0.02
MH-1617	580.29	579.14	(N/A)	(N/A)	579.14	0.041	0.02
MH-1053	580.3	574.98	578.9	(N/A)	574.78	12.967	0.37
MH-3779	580.3	578.09	(N/A)	(N/A)	578.09	0.246	0.07
MH-382	580.32	578.42	(N/A)	(N/A)	578.42	0.444	0.07
MH-174	580.32	579.17	579.17	(N/A)	579.17	0.32	0.06
MH-2588	580.33	579.18	(N/A)	(N/A)	579.18	0.762	0.09
MH-16	580.33	578.98	578.83	(N/A)	578.83	0.349	0.06
MH-1395	580.33	579.18	(N/A)	(N/A)	579.18	0.015	0.01
MH-173	580.33	579.18	(N/A)	(N/A)	579.18	0.292	0.07
MH-1024	580.34	579.19	(N/A)	(N/A)	579.19	0.023	0.01
MH-104	580.35	579.2	(N/A)	(N/A)	579.19	0.721	0.08
MH-2972	580.35	579.2	(N/A)	(N/A)	578.9	0.879	0.09
MH-1616	580.35	579.2	(N/A)	(N/A)	579.2	0.023	0.01
MH-4601	580.37	578.69	578.69	578.62	578.24	17.111	0.29
MH-1700	580.37	578.93	(N/A)	(N/A)	578.93	1.414	0.11
MH-1381	580.38	579.23	579.23	(N/A)	579.23	0.29	0.07
MH-1062	580.4	579.25	(N/A)	(N/A)	579.25	0.034	0.02
MH-2179	580.41	579.26	(N/A)	(N/A)	579.26	0.018	0.02
MH-1829	580.41	579.26	(N/A)	(N/A)	578	0.062	0.02
MH-4316	580.41	579.26	(N/A)	(N/A)	579.26	0.051	0.03
MH-305	580.42	579.27	579.27	578.21	578.21	0.305	0.06
MH-617	580.42	579.27	578.58	(N/A)	578.58	0.139	0.06
MH-1270	580.42	579.27	(N/A)	(N/A)	578.94	0.124	0.03
MH-1515	580.42	579.27	(N/A)	(N/A)	579.18	0.145	0.04
MH-2895	580.43	579.28	(N/A)	(N/A)	579.18	0.179	0.04
MH-643	580.43	579.28	(N/A)	(N/A)	579.12	0.01	0.01
MH-2453	580.43	579.28	(N/A)	(N/A)	579.21	0.045	0.02
MH-2887	580.43	579.28	(N/A)	(N/A)	579.28	0.076	0.03
MH-1380	580.45	579.3	(N/A)	(N/A)	579.3	0.265	0.06
MH-1678	580.46	579.31	(N/A)	(N/A)	579.07	0.024	0.01
MH-4314	580.47	578.66	578.99	579.32	578.66	16.951	0.37
MH-210	580.47	579.32	(N/A)	(N/A)	579.32	0.078	0.04
MH-3767	580.49	(N/A)	(N/A)	(N/A)	579.31	0.009	0.01
MH-1189	580.49	578.17	(N/A)	(N/A)	578.17	0.058	0.05

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MH-1615	580.5	579.35	(N/A)	(N/A)	579.35	0.015	0.01
MH-1710	580.51	579.36	(N/A)	(N/A)	579.06	0.776	0.09
MH-1061	580.51	579.36	(N/A)	(N/A)	579.36	0.027	0.02
MH-381	580.52	579.37	578.52	579.37	578.52	0.439	0.06
MH-3761	580.53	578.12	(N/A)	(N/A)	578.12	0.197	0.07
MH-1115	580.55	579.22	579.16	(N/A)	579.1	2.045	0.14
MH-237	580.55	578.57	(N/A)	(N/A)	578.57	0.145	0.06
MH-4080	580.56	579.41	(N/A)	(N/A)	579.29	0.152	0.04
MH-2842	580.56	(N/A)	(N/A)	(N/A)	579.41	0.044	0.03
MH-2577	580.56	579.41	(N/A)	(N/A)	579.27	0.053	0.02
MH-1797	580.58	578.76	(N/A)	(N/A)	578.76	14.68	0.31
MH-1116	580.58	579.06	(N/A)	(N/A)	579.06	2.056	0.14
MH-3001	580.58	579.31	579.43	(N/A)	579.04	2.46	0.13
MH-404	580.59	579.44	579.41	(N/A)	579.21	0.711	0.08
MH-2587	580.59	579.44	(N/A)	(N/A)	579.44	0.664	0.08
MH-2471	580.6	(N/A)	(N/A)	(N/A)	579.45	0.007	0.01
MH-2153	580.6	(N/A)	(N/A)	(N/A)	579.18	0.01	0.01
MH-700	580.6	579.45	(N/A)	(N/A)	579.43	0.704	0.08
MH-1126	580.6	579.45	(N/A)	(N/A)	579.45	0.008	0.01
MH-3653	580.61	579.46	(N/A)	(N/A)	579.44	0.036	0.02
MH-4011	580.61	579.46	(N/A)	(N/A)	578.98	0.074	0.03
MH-680	580.61	579.46	(N/A)	(N/A)	579.32	0.027	0.02
MH-1120	580.62	579.47	(N/A)	(N/A)	579.47	0.021	0.01
MH-1747	580.63	(N/A)	(N/A)	(N/A)	579.48	0.002	0.01
MH-2445	580.63	578.62	(N/A)	(N/A)	578.62	0.128	0.05
MH-1384	580.64	579.49	(N/A)	(N/A)	579.29	0.027	0.02
MH-2894	580.64	579.49	(N/A)	(N/A)	579.49	0.165	0.04
MH-2415	580.65	579.5	(N/A)	(N/A)	579.16	0.882	0.09
MH-3602	580.65	579.5	(N/A)	(N/A)	579.5	0.035	0.02
MH-238	580.65	578.56	(N/A)	(N/A)	578.56	0.154	0.06
MH-3184	580.65	579.5	(N/A)	(N/A)	579.5	0.064	0.02
MH-1748	580.65	579.45	(N/A)	(N/A)	579.45	0.007	0.01
MH-1519	580.67	579.52	579.52	(N/A)	579.52	0.262	0.05
MH-4245	580.67	(N/A)	(N/A)	(N/A)	579.52	0.011	0.06
MH-3885	580.68	(N/A)	(N/A)	(N/A)	579.24	0.037	0.02
MH-3571	580.69	579.17	(N/A)	(N/A)	579.17	0.061	0.02
MH-2252	580.69	579.54	(N/A)	(N/A)	579.54	0.015	0.01
MH-304	580.7	579.55	(N/A)	(N/A)	579.39	0.064	0.02
MH-1796	580.7	578.79	(N/A)	(N/A)	578.79	14.666	0.34
MH-1716	580.71	579.35	579.56	(N/A)	579.35	0.054	0.02
MH-3452	580.71	578.49	(N/A)	(N/A)	578.49	0.719	0.08
MH-3573	580.71	579.56	(N/A)	(N/A)	578.98	0.154	0.04
MH-209	580.72	579.57	(N/A)	(N/A)	579.43	0.064	0.02
MH-2284	580.72	(N/A)	(N/A)	(N/A)	579.57	0.007	0.01
MH-1731	580.74	579.59	(N/A)	(N/A)	579.46	0.023	0.01
MH-1676	580.75	579.6	(N/A)	(N/A)	579.58	0.013	0.01
MH-940	580.75	579.6	(N/A)	(N/A)	579.6	0.014	0.01
MH-1715	580.76	579.38	(N/A)	(N/A)	579.38	0.028	0.02
MH-581	580.77	579.42	(N/A)	(N/A)	579.42	0.011	0.02
MH-281	580.77	579.62	(N/A)	(N/A)	579.61	0.672	0.08
MH-4655	580.79	579.61	(N/A)	(N/A)	579.57	0.955	0.09

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MH-1087	580.79	579.62	579.64	(N/A)	579.28	1.68	0.12
MH-4315	580.8	579.65	(N/A)	(N/A)	579.65	0.192	0.04
MH-3274	580.81	579.11	(N/A)	(N/A)	578.68	24.355	0.33
MH-4199	580.81	579.66	(N/A)	(N/A)	579.51	0.096	0.03
MH-1266	580.82	579.29	579.67	(N/A)	579.29	0.198	0.06
MH-3310	580.83	579.68	(N/A)	(N/A)	579.3	0.205	0.04
MH-560	580.83	579.53	579.09	579.68	579.02	1.39	0.12
MH-1190	580.84	578.15	579.69	(N/A)	578.15	0.163	0.06
MH-582	580.85	579.7	579.41	(N/A)	579.41	0.022	0.02
MH-3225	580.86	579.71	(N/A)	(N/A)	579.71	0.153	0.04
MH-2931	580.87	579.6	(N/A)	(N/A)	579.6	0.568	0.07
MH-939	580.87	(N/A)	(N/A)	(N/A)	579.72	0.007	0.01
MH-3183	580.87	579.72	(N/A)	(N/A)	579.72	0.052	0.02
MH-3737	580.88	(N/A)	(N/A)	(N/A)	579.73	0.003	0.01
MH-1518	580.89	579.74	(N/A)	(N/A)	579.74	0.077	0.03
MH-1514	580.89	579.74	579.74	(N/A)	579.48	0.134	0.03
MH-3743	580.9	579.75	(N/A)	(N/A)	579.4	0.211	0.04
MH-3795	580.91	579.76	(N/A)	(N/A)	579.76	0.009	0.01
MH-4534	580.93	(N/A)	(N/A)	(N/A)	579.78	0.177	0.06
MH-2314	580.93	579.78	(N/A)	(N/A)	579.78	0.054	0.02
MH-501	580.94	579.55	(N/A)	(N/A)	579.55	0.692	0.08
MH-2971	580.95	579.49	579.8	(N/A)	579.49	0.841	0.09
MH-3206	580.96	(N/A)	(N/A)	(N/A)	579.71	0.022	0.01
MH-1675	580.96	579.81	(N/A)	(N/A)	579.81	0.008	0.01
MH-4594	580.97	579.8	579.82	(N/A)	579.8	0.937	0.1
MH-881	580.98	579.83	579.83	(N/A)	579.45	0.033	0.02
MH-3601	580.98	(N/A)	(N/A)	(N/A)	579.8	0.021	0.01
MH-4138	580.98	(N/A)	(N/A)	(N/A)	579.78	0.014	0.01
MH-2112	581	579.38	(N/A)	(N/A)	579.38	0.062	0.04
MH-1677	581	(N/A)	(N/A)	(N/A)	579.54	0.008	0.01
MH-2253	581.01	(N/A)	(N/A)	(N/A)	579.8	0.006	0.01
MH-2981	581.01	579.86	(N/A)	(N/A)	579.71	0.095	0.03
MH-1837	581.01	579.86	(N/A)	(N/A)	579.86	0.004	0.01
MH-3239	581.01	579.61	(N/A)	(N/A)	579.27	6.981	0.2
MH-421	581.03	579.43	579.25	(N/A)	578.82	14.647	0.36
MH-280	581.03	579.88	(N/A)	(N/A)	579.74	0.641	0.08
MH-2712	581.04	579.89	(N/A)	(N/A)	579.8	0.865	0.09
MH-4054	581.04	579.89	(N/A)	(N/A)	579.89	0.182	0.04
MH-1936	581.05	579.88	(N/A)	(N/A)	579.88	0.014	0.02
MH-1934	581.05	579.9	(N/A)	(N/A)	579.41	0.143	0.04
MH-1709	581.06	579.91	(N/A)	(N/A)	579.59	0.742	0.09
MH-1836	581.06	(N/A)	(N/A)	(N/A)	579.91	0.001	0
MH-4444	581.06	579.91	579.91	579.5	579.5	1.981	0.13
MH-769	581.06	579.89	(N/A)	(N/A)	579.89	0.01	0.01
MH-559	581.07	579.58	(N/A)	(N/A)	579.58	1.227	0.11
MH-420	581.08	579.32	(N/A)	(N/A)	579.32	0.543	0.07
MH-1482	581.08	(N/A)	(N/A)	(N/A)	579.93	0.002	0.01
MH-768	581.09	579.91	(N/A)	(N/A)	579.91	0.007	0.01
MH-648	581.09	(N/A)	(N/A)	(N/A)	579.94	0.003	0.01
MH-2984	581.09	579.94	(N/A)	(N/A)	579.94	0.141	0.04
MH-3991	581.09	(N/A)	(N/A)	(N/A)	579.94	0.041	0.03

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MH-1815	581.1	579.95	(N/A)	(N/A)	579.51	0.036	0.02
MH-1887	581.1	(N/A)	(N/A)	(N/A)	579.95	0.009	0.01
MH-1358	581.11	579.96	(N/A)	(N/A)	579.72	0.133	0.03
MH-3121	581.11	579.96	(N/A)	(N/A)	579.96	0.04	0.02
MH-2381	581.12	579.97	(N/A)	(N/A)	579.97	0.042	0.02
MH-613	581.13	579.98	(N/A)	(N/A)	579.98	0.004	0.01
MH-2901	581.16	580.01	579.89	(N/A)	579.61	2.35	0.13
MH-4516	581.16	(N/A)	(N/A)	(N/A)	580.01	0.003	0.01
MH-3003	581.17	579.77	(N/A)	(N/A)	579.77	0.492	0.07
MH-3829	581.17	580.02	(N/A)	(N/A)	579.69	0.158	0.04
MH-20	581.18	579.91	(N/A)	(N/A)	579.91	0.008	0.01
MH-4489	581.18	(N/A)	(N/A)	(N/A)	579.67	0.021	0.01
MH-3914	581.18	579.52	(N/A)	(N/A)	579.5	0.532	0.07
MH-19	581.18	579.91	(N/A)	(N/A)	579.91	0.005	0.01
MH-1086	581.18	580.03	580.03	(N/A)	579.8	1.551	0.12
MH-3465	581.2	578.63	(N/A)	(N/A)	578.63	0.692	0.08
MH-303	581.2	579.92	(N/A)	(N/A)	579.92	0.004	0.01
MH-3990	581.2	580.05	579.91	(N/A)	579.91	0.143	0.04
MH-1357	581.2	580.05	(N/A)	(N/A)	580.05	0.093	0.03
MH-519	581.23	580.08	(N/A)	(N/A)	580.08	0.003	0.01
MH-2980	581.23	580.08	(N/A)	(N/A)	580.08	0.079	0.03
MH-2610	581.23	580.08	(N/A)	(N/A)	579.98	0.054	0.02
MH-3919	581.23	580.08	(N/A)	(N/A)	579.77	0.055	0.02
MH-2536	581.24	580.09	(N/A)	(N/A)	579.77	0.023	0.01
MH-3552	581.26	579.51	(N/A)	(N/A)	579.51	0.059	0.02
MH-4219	581.26	(N/A)	(N/A)	(N/A)	579.81	0.01	0.01
MH-3515	581.3	580.15	(N/A)	(N/A)	579.89	0.018	0.01
MH-3982	581.3	579.7	(N/A)	(N/A)	579.7	0.512	0.07
MH-1200	581.3	579.9	579.9	(N/A)	579.9	0.071	0.03
MH-695	581.31	580.16	(N/A)	(N/A)	580.16	0.011	0.02
MH-2008	581.31	580.16	(N/A)	(N/A)	580.16	0.03	0.02
MH-518	581.31	(N/A)	(N/A)	(N/A)	580.16	0.001	0
MH-1199	581.32	579.92	(N/A)	(N/A)	579.92	0.026	0.02
MH-2138	581.32	579.85	(N/A)	(N/A)	579.85	0.025	0.02
MH-2983	581.32	580.17	(N/A)	(N/A)	580.17	0.128	0.03
MH-3975	581.32	(N/A)	(N/A)	(N/A)	580	0.092	0.03
MH-2414	581.33	580.18	579.63	(N/A)	579.32	24.337	0.33
MH-2052	581.34	579.95	(N/A)	(N/A)	579.95	0.018	0.02
MH-1886	581.34	579.93	(N/A)	(N/A)	579.93	0.017	0.02
MH-1586	581.35	580.2	579.97	(N/A)	579.97	0.012	0.02
MH-2467	581.35	(N/A)	(N/A)	(N/A)	580.2	0.056	0.02
MH-4047	581.35	580.2	(N/A)	(N/A)	579.8	0.021	0.01
MH-719	581.36	580.21	(N/A)	(N/A)	580.06	0.614	0.08
MH-3120	581.36	(N/A)	(N/A)	(N/A)	580.21	0.028	0.02
MH-97	581.37	580.22	(N/A)	(N/A)	580.22	0.044	0.02
MH-4353	581.38	580.23	(N/A)	(N/A)	580.23	0.062	0.02
MH-2128	581.4	579.89	580.25	(N/A)	579.89	0.489	0.07
MH-3091	581.4	580.25	(N/A)	(N/A)	579.87	0.054	0.02
MH-3547	581.41	580.23	(N/A)	(N/A)	580.23	0.017	0.01
MH-2896	581.41	580.26	(N/A)	(N/A)	579.85	0.051	0.02
MH-4114	581.41	580.26	(N/A)	(N/A)	580.06	0.037	0.02

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-4662	581.41	580.26	(N/A)	(N/A)	579.7	0.323	0.06
MH-96	581.41	580.26	(N/A)	(N/A)	580.26	0.038	0.02
MH-3748	581.42	580.27	(N/A)	(N/A)	579.87	0.098	0.03
MH-1208	581.44	580.29	579.84	580.25	579.8	14.087	0.26
MH-794	581.44	580.29	(N/A)	(N/A)	580.06	0.087	0.03
MH-3223	581.44	580.29	(N/A)	(N/A)	580.29	0.057	0.02
MH-694	581.45	580.3	(N/A)	(N/A)	580.3	0.006	0.01
MH-1234	581.46	(N/A)	(N/A)	(N/A)	580.31	0.001	0
MH-4692	581.46	(N/A)	(N/A)	(N/A)	580.31	0.003	0.01
MH-2113	581.47	579.36	(N/A)	(N/A)	579.36	0.079	0.04
MH-1235	581.47	580.29	(N/A)	(N/A)	580.29	0.004	0.01
MH-244	581.48	580.19	580.19	(N/A)	580.19	0.035	0.02
MH-683	581.49	580.34	(N/A)	(N/A)	580.34	0.018	0.01
MH-2127	581.49	580.12	(N/A)	(N/A)	580.12	0.371	0.06
MH-1933	581.5	580.35	(N/A)	(N/A)	580.15	0.097	0.03
MH-1856	581.51	580.36	580.36	(N/A)	580.36	0.355	0.06
MH-4053	581.51	580.36	(N/A)	(N/A)	580.2	0.175	0.04
MH-3172	581.51	580.36	(N/A)	(N/A)	579.98	0.16	0.04
MH-596	581.51	580.36	580.36	(N/A)	580.19	0.818	0.09
MH-3565	581.51	(N/A)	(N/A)	(N/A)	580.36	0.002	0.01
MH-1267	581.51	580.36	(N/A)	(N/A)	580.36	0.105	0.03
MH-3744	581.52	(N/A)	(N/A)	(N/A)	580.05	0.18	0.04
MH-2627	581.52	579.74	580.37	580.37	579.67	1.208	0.1
MH-2708	581.53	580.38	(N/A)	(N/A)	580.09	0.789	0.09
MH-1198	581.53	580.38	(N/A)	(N/A)	580.38	0.031	0.02
MH-1711	581.54	580.39	(N/A)	(N/A)	580.39	0.219	0.07
MH-2549	581.54	579.76	(N/A)	(N/A)	579.76	0.053	0.02
MH-3345	581.55	580.4	(N/A)	(N/A)	580.4	0.114	0.03
MH-4111	581.56	(N/A)	(N/A)	(N/A)	580.32	0.011	0.01
MH-1855	581.58	580.13	(N/A)	(N/A)	580.13	0.433	0.06
MH-243	581.59	580.3	(N/A)	(N/A)	580.3	0.011	0.01
MH-4060	581.59	(N/A)	(N/A)	(N/A)	580.44	0.003	0.01
MH-3238	581.6	580.2	(N/A)	(N/A)	579.91	6.935	0.2
MH-4394	581.6	(N/A)	(N/A)	(N/A)	580.41	0.029	0.02
MH-3159	581.6	580.45	580.45	(N/A)	580.45	0.095	0.03
MH-3566	581.6	580.33	(N/A)	(N/A)	580.33	0.007	0.01
MH-1326	581.62	580.47	580.47	(N/A)	580.24	1.369	0.12
MH-1770	581.62	580.28	(N/A)	(N/A)	580.28	0.352	0.06
MH-3230	581.62	580.47	(N/A)	(N/A)	580.47	0.245	0.05
MH-632	581.62	580.47	580.47	(N/A)	579.84	0.121	0.03
MH-3895	581.62	580.23	580.47	(N/A)	580.23	0.02	0.02
MH-682	581.63	(N/A)	(N/A)	(N/A)	580.48	0.009	0.01
MH-4020	581.64	580.49	(N/A)	(N/A)	579.8	0.075	0.03
MH-1712	581.64	580.49	(N/A)	(N/A)	580.49	0.151	0.04
MH-718	581.64	580.36	(N/A)	(N/A)	580.36	0.583	0.08
MH-1021	581.64	580.49	580.47	(N/A)	580.22	0.714	0.08
MH-3325	581.64	(N/A)	(N/A)	(N/A)	580.37	0.028	0.02
MH-1207	581.65	580.5	(N/A)	(N/A)	580.48	0.048	0.02
MH-795	581.65	580.5	(N/A)	(N/A)	580.45	0.08	0.03
MH-2464	581.65	580.48	(N/A)	(N/A)	580.48	0.01	0.01
MH-2900	581.65	580.5	580.38	(N/A)	580.1	2.324	0.13

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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-2463	581.66	(N/A)	(N/A)	(N/A)	580.51	0.005	0.01
MH-3343	581.66	(N/A)	(N/A)	(N/A)	580.51	0.033	0.02
MH-2548	581.68	579.79	(N/A)	(N/A)	579.79	0.044	0.03
MH-1801	581.68	579.9	(N/A)	(N/A)	579.9	0.025	0.03
MH-1769	581.68	580.53	580.53	(N/A)	580.53	0.332	0.06
MH-3540	581.69	580.54	(N/A)	(N/A)	580.54	0.187	0.04
MH-1904	581.71	580.56	(N/A)	(N/A)	580.56	0.024	0.01
MH-3034	581.73	580.58	(N/A)	(N/A)	580.58	0.21	0.05
MH-4350	581.73	580.26	(N/A)	(N/A)	580.26	0.009	0.01
MH-1782	581.74	580.59	(N/A)	(N/A)	580.59	0.143	0.04
MH-2395	581.75	580.13	(N/A)	(N/A)	580.13	13.915	0.26
MH-2473	581.76	579.82	(N/A)	(N/A)	579.82	0.034	0.03
MH-4619	581.76	(N/A)	(N/A)	(N/A)	580.61	0.013	0.01
MH-30	581.77	580.62	580.62	(N/A)	580.62	0.031	0.02
MH-3809	581.77	580.62	(N/A)	(N/A)	580.62	0.137	0.04
MH-2320	581.78	580.5	580.63	580.18	576.08	22.459	0.33
MH-4304	581.78	580.63	(N/A)	(N/A)	580.25	0.717	0.08
MH-4071	581.78	580.63	(N/A)	(N/A)	580.59	0.098	0.03
MH-136	581.8	580.65	580.65	(N/A)	580.65	0.086	0.03
MH-4236	581.81	(N/A)	(N/A)	(N/A)	580.59	0.018	0.01
MH-2892	581.83	580.68	580.68	(N/A)	580.09	0.109	0.03
MH-135	581.83	(N/A)	(N/A)	(N/A)	580.68	0.019	0.02
MH-1063	581.83	(N/A)	(N/A)	(N/A)	580.68	0.005	0.01
MH-3778	581.84	580.69	(N/A)	(N/A)	580.39	0.04	0.02
MH-2114	581.85	580.13	578.58	(N/A)	578.58	0.152	0.06
MH-3938	581.85	(N/A)	(N/A)	(N/A)	580.7	0.002	0.01
MH-775	581.85	580.7	(N/A)	(N/A)	580.63	0.011	0.01
MH-595	581.86	580.71	(N/A)	(N/A)	580.51	0.4	0.06
MH-29	581.86	580.71	580.71	(N/A)	580.68	0.015	0.01
MH-2163	581.87	(N/A)	(N/A)	(N/A)	580.72	0.011	0.02
MH-3033	581.88	(N/A)	(N/A)	(N/A)	580.73	0.138	0.04
MH-931	581.88	580.73	580.73	(N/A)	580.32	0.152	0.04
MH-611	581.89	580.46	579.88	(N/A)	579.85	0.666	0.08
MH-4442	581.9	578.84	(N/A)	(N/A)	578.84	0.661	0.08
MH-2535	581.9	580.75	(N/A)	(N/A)	580.39	0.017	0.01
MH-4715	581.9	580.75	580.75	(N/A)	580.48	0.945	0.1
MH-3514	581.91	580.76	(N/A)	(N/A)	580.45	0.012	0.01
MH-3939	581.92	580.67	580.77	(N/A)	580.67	0.01	0.01
MH-1122	581.93	580.78	(N/A)	(N/A)	580.78	0.015	0.01
MH-1524	581.93	580.78	(N/A)	(N/A)	580.68	0.903	0.09
MH-4253	581.93	579.32	(N/A)	(N/A)	579.32	0.108	0.05
MH-3861	581.93	580.78	(N/A)	(N/A)	580.78	0.136	0.04
MH-2628	581.94	580.79	(N/A)	(N/A)	580.67	0.074	0.03
MH-55	581.96	(N/A)	(N/A)	(N/A)	580.78	0.004	0.01
MH-3539	581.96	580.81	(N/A)	(N/A)	580.81	0.153	0.04
MH-679	581.97	(N/A)	(N/A)	(N/A)	580.82	0.009	0.01
MH-1064	581.97	580.68	580.82	(N/A)	580.68	0.168	0.04
MH-3755	581.97	580.79	(N/A)	(N/A)	580.79	0.061	0.02
MH-2921	581.97	580.82	(N/A)	(N/A)	580.79	0.041	0.02
MH-4663	581.99	(N/A)	(N/A)	(N/A)	580.76	0.132	0.03
MH-4046	582	580.43	(N/A)	(N/A)	580.43	0.017	0.01

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MH-1464	582	580.85	(N/A)	(N/A)	580.85	0.005	0.01
MH-3280	582.01	580.86	580.86	(N/A)	580.73	0.933	0.1
MH-3229	582.02	(N/A)	(N/A)	(N/A)	580.87	0.081	0.04
MH-658	582.02	580.83	(N/A)	(N/A)	580.83	0.239	0.05
MH-657	582.02	580.84	(N/A)	(N/A)	580.84	0.177	0.06
MH-3083	582.03	580.88	(N/A)	(N/A)	580.71	0.376	0.06
MH-785	582.03	580.86	(N/A)	(N/A)	580.86	0.135	0.06
MH-4684	582.04	(N/A)	(N/A)	(N/A)	580.89	0.062	0.04
MH-3747	582.04	(N/A)	(N/A)	(N/A)	580.58	0.041	0.02
MH-2910	582.04	579.93	(N/A)	(N/A)	579.93	24.066	0.33
MH-2707	582.05	580.9	(N/A)	(N/A)	580.68	0.749	0.09
MH-784	582.05	580.9	580.77	(N/A)	580.77	2.274	0.13
MH-1601	582.05	580.89	(N/A)	(N/A)	580.89	0.076	0.04
MH-3124	582.05	580.9	(N/A)	(N/A)	580.86	0.065	0.02
MH-4641	582.05	580.45	(N/A)	(N/A)	580.45	13.9	0.26
MH-1469	582.05	(N/A)	(N/A)	(N/A)	580.9	0.004	0.01
MH-233	582.06	(N/A)	(N/A)	(N/A)	580.91	0.021	0.02
MH-1020	582.06	580.91	(N/A)	(N/A)	580.67	0.066	0.02
MH-3600	582.07	(N/A)	(N/A)	(N/A)	580.65	0.051	0.02
MH-3267	582.08	580.93	(N/A)	(N/A)	580.55	0.042	0.02
MH-3115	582.08	580.93	(N/A)	(N/A)	580.75	0.173	0.04
MH-2951	582.09	(N/A)	(N/A)	(N/A)	580.94	0.037	0.03
MH-232	582.1	580.55	(N/A)	(N/A)	580.55	0.556	0.07
MH-3131	582.11	580.96	(N/A)	(N/A)	580.55	0.03	0.02
MH-631	582.12	580.97	(N/A)	(N/A)	580.62	0.105	0.03
MH-1121	582.12	(N/A)	(N/A)	(N/A)	580.96	0.006	0.01
MH-2633	582.12	580.97	(N/A)	(N/A)	580.94	0.086	0.03
MH-2688	582.12	580.97	(N/A)	(N/A)	580.65	0.097	0.03
MH-1302	582.14	(N/A)	(N/A)	(N/A)	580.99	0.007	0.01
MH-1758	582.15	581	580.91	(N/A)	580.91	0.908	0.09
MH-747	582.17	580.69	(N/A)	(N/A)	580.69	0.02	0.02
MH-4409	582.17	581.02	(N/A)	(N/A)	580.87	0.067	0.02
MH-3940	582.17	(N/A)	(N/A)	(N/A)	581.02	0.029	0.02
MH-3754	582.18	(N/A)	(N/A)	(N/A)	581.03	0.033	0.02
MH-3989	582.18	581.03	(N/A)	(N/A)	581.03	0.118	0.03
MH-2552	582.19	580.79	(N/A)	(N/A)	580.5	6.896	0.2
MH-3171	582.19	581.04	(N/A)	(N/A)	580.66	0.118	0.03
MH-3860	582.2	581.05	(N/A)	(N/A)	581.05	0.125	0.03
MH-3730	582.24	(N/A)	(N/A)	(N/A)	580.25	0.02	0.01
MH-1757	582.25	581.1	(N/A)	(N/A)	581.1	0.412	0.06
MH-4441	582.26	579.03	(N/A)	(N/A)	579.03	0.642	0.08
MH-3801	582.27	(N/A)	(N/A)	(N/A)	581	0.007	0.01
MH-2994	582.27	580.84	(N/A)	(N/A)	580.84	0.104	0.05
MH-1674	582.27	581	(N/A)	(N/A)	581	1.774	0.11
MH-930	582.28	581.13	(N/A)	(N/A)	580.91	0.143	0.04
MH-610	582.28	580.54	(N/A)	(N/A)	580.54	0.622	0.07
MH-3193	582.28	581.12	581.13	(N/A)	581.12	0.028	0.02
MH-1948	582.32	(N/A)	(N/A)	(N/A)	581.17	0.008	0.01
MH-4677	582.32	580.84	(N/A)	(N/A)	580.84	0.128	0.05
MH-3060	582.33	(N/A)	(N/A)	(N/A)	581.09	0.049	0.02
MH-2300	582.34	581.19	581.19	(N/A)	581.09	0.871	0.09

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MH-2319	582.34	580.39	581.19	(N/A)	580.39	18.646	0.3
MH-746	582.35	580.68	(N/A)	(N/A)	580.68	0.028	0.03
MH-4272	582.36	(N/A)	(N/A)	(N/A)	581.21	0.008	0.01
MH-158	582.36	581.1	(N/A)	(N/A)	581.06	0.479	0.07
MH-2943	582.36	581.21	(N/A)	(N/A)	580.79	0.07	0.03
MH-2416	582.37	(N/A)	(N/A)	(N/A)	581.22	0.01	0.04
MH-864	582.37	581.2	581.22	(N/A)	581.2	0.046	0.02
MH-2742	582.38	581.23	(N/A)	(N/A)	581.16	0.093	0.03
MH-1799	582.39	581.19	581.24	(N/A)	581.19	0.799	0.09
MH-3158	582.41	581.26	(N/A)	(N/A)	581.23	0.156	0.04
MH-863	582.42	581.27	(N/A)	(N/A)	581.27	0.019	0.01
MH-3777	582.42	(N/A)	(N/A)	(N/A)	580.99	0.02	0.01
MH-1390	582.43	581.16	(N/A)	(N/A)	581.16	1.758	0.11
MH-2325	582.44	581.29	(N/A)	(N/A)	581.29	0.052	0.02
MH-634	582.45	581.3	(N/A)	(N/A)	581.27	0.065	0.02
MH-3683	582.46	(N/A)	(N/A)	(N/A)	581.31	0.008	0.01
MH-2265	582.51	581.33	(N/A)	(N/A)	580.74	0.635	0.07
MH-1011	582.52	581.37	(N/A)	(N/A)	580.98	0.033	0.02
MH-975	582.52	581.37	(N/A)	(N/A)	581.36	0.114	0.03
MH-4188	582.52	(N/A)	(N/A)	(N/A)	581.37	0.008	0.01
MH-3941	582.54	580.99	(N/A)	(N/A)	580.99	0.054	0.03
MH-2324	582.54	(N/A)	(N/A)	(N/A)	581.39	0.017	0.01
MH-4067	582.54	(N/A)	(N/A)	(N/A)	581.39	0.014	0.02
MH-1988	582.55	580.9	(N/A)	(N/A)	580.9	0.159	0.04
MH-910	582.55	580.66	(N/A)	(N/A)	580.66	0.037	0.03
MH-1888	582.55	580.81	(N/A)	(N/A)	580.81	0.118	0.06
MH-3082	582.55	581.4	(N/A)	(N/A)	581.18	0.324	0.06
MH-800	582.56	581.41	581.41	(N/A)	581.19	0.719	0.08
MH-1465	582.56	(N/A)	(N/A)	(N/A)	581.02	0.003	0.01
MH-157	582.56	581.16	581.41	(N/A)	581.16	0.471	0.07
MH-3201	582.57	581.42	(N/A)	(N/A)	581.38	0.051	0.02
MH-555	582.57	581.42	581.42	(N/A)	581.01	0.378	0.06
MH-1798	582.58	(N/A)	(N/A)	(N/A)	581.43	0.326	0.06
MH-1281	582.59	581.31	(N/A)	(N/A)	581.31	1.743	0.11
MH-1662	582.61	581.14	(N/A)	(N/A)	581.14	0.017	0.02
MH-2600	582.61	581.46	579.28	580.2	579.25	0.614	0.07
MH-503	582.61	581.46	581.46	(N/A)	581.37	0.486	0.07
MH-633	582.62	581.47	(N/A)	(N/A)	581.45	0.054	0.02
MH-4381	582.62	580.78	(N/A)	(N/A)	580.78	0.17	0.06
MH-4268	582.62	(N/A)	(N/A)	(N/A)	581.46	0.006	0.01
MH-770	582.63	(N/A)	(N/A)	(N/A)	581.23	0.005	0.01
MH-2482	582.63	581.48	(N/A)	(N/A)	580.58	0.043	0.02
MH-3988	582.64	581.49	(N/A)	(N/A)	581.34	0.099	0.03
MH-1930	582.64	581.49	(N/A)	(N/A)	581.47	0.022	0.01
MH-3559	582.65	581.5	(N/A)	(N/A)	581.05	0.013	0.01
MH-627	582.67	580.64	580.95	(N/A)	580.62	0.605	0.07
MH-2843	582.68	(N/A)	(N/A)	(N/A)	581.53	0.005	0.01
MH-4293	582.69	(N/A)	(N/A)	(N/A)	581.54	0.01	0.01
MH-974	582.7	581.55	(N/A)	(N/A)	581.54	0.105	0.03
MH-4330	582.71	580.75	581.56	(N/A)	580.75	0.522	0.07
MH-3662	582.72	581.57	(N/A)	(N/A)	581.52	0.055	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-2952	582.73	580.91	(N/A)	(N/A)	580.91	0.077	0.04
MH-1280	582.73	581.46	(N/A)	(N/A)	581.46	1.727	0.11
MH-4338	582.74	581.59	(N/A)	(N/A)	581.08	0.058	0.02
MH-3304	582.74	581.59	(N/A)	(N/A)	581.56	0.127	0.03
MH-4640	582.75	(N/A)	(N/A)	(N/A)	581.13	0.049	0.02
MH-3190	582.75	580.02	(N/A)	(N/A)	580.02	24.027	0.33
MH-2702	582.75	581.6	(N/A)	(N/A)	581.23	0.025	0.01
MH-2551	582.76	581.36	(N/A)	(N/A)	581.09	6.846	0.2
MH-502	582.78	581.63	(N/A)	(N/A)	581.6	0.043	0.02
MH-2743	582.78	(N/A)	(N/A)	(N/A)	581.53	0.069	0.03
MH-223	582.79	581.64	(N/A)	(N/A)	581.52	0.278	0.05
MH-2268	582.79	581.64	(N/A)	(N/A)	581.54	0.414	0.06
MH-1703	582.81	(N/A)	(N/A)	(N/A)	581.66	0.015	0.02
MH-1889	582.82	580.79	581.67	(N/A)	580.79	0.227	0.07
MH-4450	582.82	(N/A)	(N/A)	(N/A)	581.67	0.01	0.01
MH-3186	582.83	(N/A)	(N/A)	(N/A)	581.26	0.012	0.01
MH-128	582.83	581.68	581.68	(N/A)	581.53	0.161	0.04
MH-3165	582.83	(N/A)	(N/A)	(N/A)	581.68	0.008	0.01
MH-4068	582.84	581.36	(N/A)	(N/A)	581.36	0.029	0.04
MH-1661	582.85	581.12	(N/A)	(N/A)	581.12	0.026	0.02
MH-154	582.86	581.71	(N/A)	(N/A)	581.41	0.398	0.06
MH-771	582.87	(N/A)	(N/A)	(N/A)	581.16	0.005	0.01
MH-799	582.87	581.72	(N/A)	(N/A)	581.57	0.141	0.04
MH-1660	582.87	581.6	(N/A)	(N/A)	581.6	1.711	0.11
MH-2689	582.87	(N/A)	(N/A)	(N/A)	581.27	0.053	0.02
MH-3401	582.87	581.72	(N/A)	(N/A)	581.34	0.084	0.03
MH-164	582.89	581.13	581.55	(N/A)	581.13	13.567	0.32
MH-2525	582.9	(N/A)	(N/A)	(N/A)	581.75	0.007	0.01
MH-156	582.91	581.76	(N/A)	(N/A)	581.73	0.098	0.03
MH-554	582.91	581.76	(N/A)	(N/A)	581.56	0.073	0.03
MH-1927	582.91	581.76	(N/A)	(N/A)	581.51	0.68	0.08
MH-2001	582.92	580.96	(N/A)	(N/A)	580.96	0.058	0.04
MH-888	582.92	581.77	(N/A)	(N/A)	581.43	0.139	0.04
MH-1012	582.93	581.78	(N/A)	(N/A)	581.55	0.022	0.01
MH-1559	582.93	581.19	581.19	(N/A)	581.19	0.187	0.06
MH-525	582.95	581.73	581.55	581.73	581.28	12.837	0.25
MH-2786	582.95	581.8	(N/A)	(N/A)	581.77	0.04	0.02
MH-2844	582.95	581.5	(N/A)	(N/A)	581.5	0.013	0.02
MH-4113	582.96	581.81	(N/A)	(N/A)	581.8	0.087	0.03
MH-4148	582.97	(N/A)	(N/A)	(N/A)	581.81	0.009	0.01
MH-127	582.97	581.82	(N/A)	(N/A)	581.78	0.098	0.03
MH-3200	582.97	581.82	(N/A)	(N/A)	581.72	0.038	0.02
MH-524	582.98	581.83	(N/A)	(N/A)	581.83	0.546	0.07
MH-163	582.98	581.6	(N/A)	(N/A)	581.6	0.721	0.08
MH-4530	582.99	(N/A)	(N/A)	(N/A)	581.84	0.012	0.02
MH-1494	583	581.31	580.86	(N/A)	580.86	13.87	0.26
MH-2299	583.01	581.86	(N/A)	(N/A)	581.47	0.802	0.09
MH-2601	583.02	(N/A)	(N/A)	(N/A)	581.76	0.027	0.02
MH-2427	583.03	581.88	(N/A)	(N/A)	581.7	0.566	0.07
MH-4656	583.04	581.89	(N/A)	(N/A)	581.89	0.277	0.05
MH-4013	583.04	581.89	(N/A)	(N/A)	581.89	0.657	0.08

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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-1194	583.05	581.9	(N/A)	(N/A)	581.86	0.033	0.02
MH-2944	583.05	(N/A)	(N/A)	(N/A)	581.51	0.034	0.02
MH-1783	583.06	581.79	(N/A)	(N/A)	581.79	1.701	0.11
MH-151	583.06	581.91	(N/A)	(N/A)	581.81	0.387	0.06
MH-363	583.06	581.63	(N/A)	(N/A)	581.63	0.035	0.03
MH-3395	583.07	581.89	(N/A)	(N/A)	581.89	0.095	0.03
MH-2101	583.08	581.93	(N/A)	(N/A)	581.93	0.136	0.06
MH-2905	583.08	(N/A)	(N/A)	(N/A)	581.93	0.006	0.01
MH-3264	583.08	581.93	(N/A)	(N/A)	581.7	0.282	0.05
MH-1502	583.1	581.95	(N/A)	(N/A)	581.67	0.435	0.06
MH-3661	583.11	(N/A)	(N/A)	(N/A)	581.88	0.033	0.02
MH-1437	583.12	581.1	(N/A)	(N/A)	581.1	13.582	0.25
MH-676	583.13	581.98	(N/A)	(N/A)	581.92	0.27	0.05
MH-2450	583.14	581.65	(N/A)	(N/A)	581.65	0.017	0.02
MH-2269	583.14	(N/A)	(N/A)	(N/A)	581.92	0.384	0.06
MH-1347	583.14	581.34	581.34	(N/A)	581.34	0.166	0.04
MH-1177	583.15	581.08	581.47	(N/A)	581.06	0.549	0.07
MH-155	583.17	(N/A)	(N/A)	(N/A)	581.86	0.091	0.03
MH-3234	583.17	580.48	(N/A)	(N/A)	580.48	0.46	0.07
MH-3108	583.18	580.76	(N/A)	(N/A)	580.76	0.246	0.07
MH-4465	583.18	(N/A)	(N/A)	(N/A)	582.03	0.017	0.02
MH-362	583.2	581.62	(N/A)	(N/A)	581.62	0.058	0.04
MH-3774	583.21	582.06	(N/A)	(N/A)	582.06	0.625	0.08
MH-2002	583.21	580.93	582.06	(N/A)	580.93	0.154	0.06
MH-2524	583.23	581.74	(N/A)	(N/A)	581.74	0.017	0.02
MH-980	583.23	582.08	581.89	(N/A)	581.89	0.208	0.07
MH-2949	583.25	(N/A)	(N/A)	(N/A)	582.1	0.013	0.02
MH-1670	583.26	(N/A)	(N/A)	(N/A)	581.91	0.009	0.01
MH-4176	583.26	582.11	582.11	(N/A)	581.86	0.278	0.05
MH-2701	583.27	(N/A)	(N/A)	(N/A)	581.9	0.012	0.01
MH-150	583.27	582.12	(N/A)	(N/A)	582.01	0.38	0.06
MH-2408	583.27	582.12	(N/A)	(N/A)	582.12	0.05	0.02
MH-675	583.28	582.13	582.13	(N/A)	582.13	0.262	0.05
MH-3188	583.28	582.13	(N/A)	(N/A)	582.12	0.538	0.07
MH-687	583.28	582.13	(N/A)	(N/A)	582.11	0.025	0.01
MH-3057	583.29	582.02	(N/A)	(N/A)	582.02	1.687	0.11
MH-3329	583.29	(N/A)	(N/A)	(N/A)	582.12	0.024	0.01
MH-4585	583.3	(N/A)	(N/A)	(N/A)	582.15	0.018	0.02
MH-1484	583.31	581.33	582.16	581.33	581.33	0.253	0.07
MH-263	583.31	582.16	580.44	(N/A)	580.44	18.414	0.4
MH-1143	583.32	(N/A)	(N/A)	(N/A)	582.17	0.055	0.03
MH-2808	583.32	581.92	(N/A)	(N/A)	581.66	6.785	0.2
MH-4907	583.32	(N/A)	(N/A)	(N/A)	581.71	0.017	0.01
MH-3219	583.33	580.69	(N/A)	(N/A)	580.69	0.975	0.09
MH-887	583.33	582.18	(N/A)	(N/A)	581.95	0.135	0.04
MH-2328	583.33	582.18	(N/A)	(N/A)	582.18	0.208	0.04
MH-1346	583.35	581.51	581.51	(N/A)	581.51	0.148	0.04
MH-262	583.36	582.21	(N/A)	(N/A)	582.21	0.068	0.03
MH-2060	583.36	(N/A)	(N/A)	(N/A)	582.21	0.028	0.02
MH-3773	583.39	582.22	(N/A)	(N/A)	582.22	0.586	0.08
MH-1926	583.4	582.25	(N/A)	(N/A)	582.01	0.656	0.08

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-3435	583.4	582.11	582.11	(N/A)	582.11	0.071	0.03
MH-3749	583.4	(N/A)	(N/A)	(N/A)	581.8	0.007	0.01
MH-4083	583.41	(N/A)	(N/A)	(N/A)	582.13	0.047	0.02
MH-2665	583.42	582.27	(N/A)	(N/A)	582.02	0.117	0.03
MH-1159	583.43	582.19	(N/A)	(N/A)	582.19	0.35	0.06
MH-4557	583.44	582.29	(N/A)	(N/A)	582.19	0.104	0.03
MH-4	583.44	582.29	582.29	(N/A)	582.29	0.123	0.03
MH-686	583.44	(N/A)	(N/A)	(N/A)	582.29	0.016	0.01
MH-1955	583.45	581.9	(N/A)	(N/A)	581.9	0.015	0.03
MH-1773	583.45	581.75	582.18	580.53	580.05	23.978	0.41
MH-2876	583.46	582.19	(N/A)	(N/A)	582.19	1.635	0.11
MH-1112	583.46	582.31	(N/A)	(N/A)	582.31	0.129	0.04
MH-3	583.49	582.34	(N/A)	(N/A)	582.34	0.032	0.02
MH-290	583.49	582.34	580.88	582.15	580.81	0.926	0.09
MH-1483	583.49	581.46	581.46	582.34	581.46	0.199	0.04
MH-348	583.5	582.35	582.15	(N/A)	581.93	0.095	0.03
MH-2372	583.5	582.35	(N/A)	(N/A)	582.35	0.058	0.02
MH-4599	583.51	(N/A)	(N/A)	(N/A)	582.36	0.029	0.02
MH-2857	583.51	582.36	582.36	(N/A)	582.18	0.55	0.07
MH-1111	583.52	(N/A)	(N/A)	(N/A)	582.37	0.071	0.03
MH-2962	583.53	582.38	581.71	(N/A)	581.71	0.044	0.02
MH-2407	583.54	(N/A)	(N/A)	(N/A)	582.39	0.017	0.01
MH-1490	583.55	581.63	581.63	(N/A)	581.63	0.127	0.03
MH-2124	583.56	582.41	(N/A)	(N/A)	582.02	0.057	0.02
MH-981	583.56	581.88	(N/A)	(N/A)	581.88	0.235	0.07
MH-1016	583.56	582.41	(N/A)	(N/A)	582.31	0.132	0.03
MH-2374	583.57	582.07	(N/A)	(N/A)	582.07	0.028	0.02
MH-987	583.58	582.43	(N/A)	(N/A)	582.43	0.116	0.07
MH-1158	583.58	582.38	(N/A)	(N/A)	582.38	0.326	0.06
MH-3494	583.58	582.43	(N/A)	(N/A)	582.43	0.549	0.07
MH-1428	583.59	582.44	(N/A)	(N/A)	582.19	0.047	0.02
MH-2711	583.59	581.74	(N/A)	(N/A)	581.74	0.715	0.08
MH-2754	583.59	582.42	(N/A)	(N/A)	582.42	0.015	0.01
MH-289	583.59	582.2	(N/A)	(N/A)	582.2	0.765	0.08
MH-2753	583.6	(N/A)	(N/A)	(N/A)	582.45	0.006	0.01
MH-3367	583.62	582.47	(N/A)	(N/A)	582.23	0.244	0.05
MH-3213	583.62	582.47	(N/A)	(N/A)	582.43	0.513	0.07
MH-3664	583.64	582.49	(N/A)	(N/A)	582.37	0.085	0.03
MH-3524	583.64	582.49	582.49	(N/A)	582.26	0.424	0.06
MH-347	583.65	(N/A)	(N/A)	(N/A)	582.47	0.024	0.01
MH-2744	583.65	582.5	(N/A)	(N/A)	582.06	0.045	0.02
MH-170	583.66	582.51	(N/A)	(N/A)	582.31	0.375	0.06
MH-1491	583.67	581.85	582.52	581.62	581.62	0.162	0.04
MH-2481	583.68	582.53	(N/A)	(N/A)	581.77	0.029	0.02
MH-4125	583.69	(N/A)	(N/A)	(N/A)	582.54	0.038	0.02
MH-1447	583.69	582.54	(N/A)	(N/A)	582.54	0.084	0.03
MH-436	583.69	582.54	(N/A)	(N/A)	581.42	0.098	0.03
MH-4440	583.7	(N/A)	(N/A)	(N/A)	582.16	0.012	0.01
MH-1415	583.7	582.55	580.72	(N/A)	580.72	0.433	0.06
MH-1193	583.72	582.57	(N/A)	(N/A)	582.09	0.025	0.01
MH-4070	583.72	582.57	(N/A)	(N/A)	582.43	0.074	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-1487	583.72	581.59	582.57	(N/A)	581.59	0.503	0.07
MH-4325	583.74	(N/A)	(N/A)	(N/A)	582.59	0.018	0.02
MH-1613	583.77	581.8	581.8	(N/A)	581.8	0.104	0.03
MH-1792	583.79	582.64	582.33	(N/A)	582.33	0.747	0.08
MH-93	583.79	582.64	(N/A)	(N/A)	582.64	0.044	0.03
MH-3037	583.81	582.66	(N/A)	(N/A)	582.61	0.087	0.03
MH-4556	583.82	582.67	582.67	(N/A)	582.67	0.094	0.03
MH-2652	583.83	(N/A)	(N/A)	(N/A)	582.68	0.035	0.03
MH-3493	583.85	582.7	(N/A)	(N/A)	582.7	0.517	0.07
MH-3729	583.85	(N/A)	(N/A)	(N/A)	582.7	0.049	0.02
MH-1791	583.85	582.46	(N/A)	(N/A)	582.46	0.574	0.07
MH-3698	583.85	582.56	(N/A)	(N/A)	582.56	0.079	0.04
MH-1740	583.85	582.7	581.87	581.87	581.87	0.118	0.05
MH-2875	583.86	582.41	(N/A)	(N/A)	582.41	1.567	0.11
MH-1695	583.86	(N/A)	(N/A)	(N/A)	582.71	0.017	0.02
MH-3599	583.86	582.71	(N/A)	(N/A)	582.16	0.766	0.09
MH-2807	583.86	582.46	(N/A)	(N/A)	582.22	6.716	0.2
MH-2653	583.87	582.65	582.72	(N/A)	582.65	0.148	0.06
MH-169	583.87	582.72	582.72	(N/A)	582.62	0.37	0.06
MH-4633	583.88	582.73	(N/A)	(N/A)	582.73	0.25	0.08
MH-92	583.88	582.63	(N/A)	(N/A)	582.63	0.058	0.04
MH-988	583.88	582.41	582.73	(N/A)	582.41	0.289	0.08
MH-2827	583.89	582.74	(N/A)	(N/A)	582.74	0.031	0.02
MH-2845	583.9	582.68	(N/A)	(N/A)	582.68	0.298	0.08
MH-2989	583.91	582.76	(N/A)	(N/A)	582.53	0.026	0.02
MH-534	583.92	582.77	582.65	(N/A)	582.63	0.547	0.07
MH-2826	583.92	(N/A)	(N/A)	(N/A)	582.77	0.009	0.01
MH-1961	583.93	582.78	580.47	(N/A)	580.47	18.304	0.41
MH-2025	583.93	581.99	582.78	(N/A)	581.99	0.077	0.03
MH-4043	583.94	(N/A)	(N/A)	(N/A)	582.79	0.102	0.05
MH-4334	583.95	(N/A)	(N/A)	(N/A)	582.73	0.01	0.01
MH-3808	583.96	582.81	(N/A)	(N/A)	582.56	0.616	0.08
MH-1688	583.96	582.81	(N/A)	(N/A)	582.57	0.072	0.03
MH-1755	583.97	582.53	582.82	(N/A)	582.53	0.154	0.06
MH-1739	583.98	582.83	582.04	(N/A)	582.04	0.077	0.03
MH-4252	583.98	582.68	(N/A)	(N/A)	582.68	0.016	0.01
MH-1429	583.98	(N/A)	(N/A)	(N/A)	582.64	0.017	0.01
MH-1717	584.01	582.86	(N/A)	(N/A)	582.58	0.069	0.02
MH-1368	584.03	582.88	(N/A)	(N/A)	582.88	0.147	0.04
MH-2853	584.03	582.88	(N/A)	(N/A)	582.71	0.126	0.03
MH-1772	584.04	582.77	(N/A)	(N/A)	582.42	2.414	0.13
MH-1960	584.04	582.89	(N/A)	(N/A)	582.89	0.05	0.02
MH-2780	584.05	(N/A)	(N/A)	(N/A)	582.9	0.015	0.01
MH-103	584.07	582.92	582.92	(N/A)	582.73	0.438	0.06
MH-2231	584.07	581.85	582.49	(N/A)	581.85	0.408	0.06
MH-1414	584.07	582.92	(N/A)	(N/A)	582.76	0.158	0.04
MH-4251	584.1	(N/A)	(N/A)	(N/A)	582.95	0.007	0.01
MH-3708	584.1	582.95	(N/A)	(N/A)	582.8	0.061	0.02
MH-435	584.12	582.97	(N/A)	(N/A)	582.68	0.09	0.03
MH-920	584.12	582.97	(N/A)	(N/A)	582.48	0.13	0.03
MH-510	584.12	582.62	(N/A)	(N/A)	582.62	0.166	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-3354	584.12	582.97	(N/A)	(N/A)	582.7	0.092	0.03
MH-4618	584.13	582.98	582.98	(N/A)	582.83	0.465	0.07
MH-3366	584.15	583	583	(N/A)	582.77	0.211	0.04
MH-2404	584.15	583	(N/A)	(N/A)	582.96	0.082	0.03
MH-4069	584.15	(N/A)	(N/A)	(N/A)	582.88	0.04	0.02
MH-4445	584.15	(N/A)	(N/A)	(N/A)	583	0.04	0.02
MH-3554	584.17	583.02	(N/A)	(N/A)	582.8	0.019	0.01
MH-2864	584.18	583.03	(N/A)	(N/A)	582.5	0.17	0.04
MH-2123	584.19	583.04	(N/A)	(N/A)	582.67	0.036	0.02
MH-2159	584.21	(N/A)	(N/A)	(N/A)	583.06	0.015	0.02
MH-102	584.22	583.07	(N/A)	(N/A)	583	0.21	0.04
MH-4173	584.22	(N/A)	(N/A)	(N/A)	583.07	0.034	0.03
MH-1726	584.23	583.08	581.79	581.56	581.49	1.06	0.09
MH-533	584.23	583.08	(N/A)	(N/A)	582.91	0.226	0.05
MH-3828	584.24	583.09	(N/A)	(N/A)	583.09	0.121	0.03
MH-3501	584.24	(N/A)	(N/A)	(N/A)	583.09	0.019	0.01
MH-4085	584.25	583.1	583.1	(N/A)	583.09	0.068	0.02
MH-1238	584.25	583.1	(N/A)	(N/A)	583.1	0.086	0.03
MH-1687	584.25	(N/A)	(N/A)	(N/A)	583.1	0.028	0.02
MH-2069	584.28	583.13	(N/A)	(N/A)	582.98	0.358	0.06
MH-1696	584.28	582.69	(N/A)	(N/A)	582.69	0.034	0.03
MH-511	584.28	582.61	583.11	583.13	582.49	1.527	0.11
MH-3266	584.29	581.87	(N/A)	(N/A)	581.87	0.705	0.08
MH-4296	584.3	583.15	(N/A)	(N/A)	582.86	0.017	0.01
MH-3797	584.32	(N/A)	(N/A)	(N/A)	583.17	0.055	0.03
MH-1781	584.32	583.17	(N/A)	(N/A)	583.06	0.022	0.01
MH-3352	584.34	582.94	(N/A)	(N/A)	582.76	6.643	0.2
MH-4702	584.38	583.23	(N/A)	(N/A)	583.16	0.345	0.06
MH-1922	584.38	(N/A)	(N/A)	(N/A)	582.77	0.012	0.01
MH-2286	584.39	583.24	582.6	(N/A)	582.6	0.1	0.05
MH-1756	584.4	583.05	(N/A)	(N/A)	583.05	0.057	0.02
MH-3851	584.4	(N/A)	(N/A)	(N/A)	583.25	0.089	0.03
MH-707	584.41	583.26	(N/A)	(N/A)	583.26	0.073	0.03
MH-4501	584.41	(N/A)	(N/A)	(N/A)	583.26	0.014	0.02
MH-2035	584.42	583.27	583.27	(N/A)	583.27	0.079	0.03
MH-1732	584.43	583.28	(N/A)	(N/A)	583.09	0.217	0.05
MH-4472	584.44	583.27	(N/A)	(N/A)	581.86	0.616	0.07
MH-4181	584.47	(N/A)	(N/A)	(N/A)	583.32	0.05	0.03
MH-822	584.48	(N/A)	(N/A)	(N/A)	583.33	0.02	0.02
MH-57	584.48	583.31	(N/A)	(N/A)	583.31	0.264	0.05
MH-1105	584.49	583.34	583.34	(N/A)	583.12	0.552	0.07
MH-4014	584.5	582.76	(N/A)	(N/A)	582.76	0.129	0.05
MH-1814	584.5	583.35	(N/A)	(N/A)	583.18	0.115	0.03
MH-56	584.51	583.36	583.36	(N/A)	583.36	0.247	0.05
MH-4344	584.52	(N/A)	(N/A)	(N/A)	583.37	0.023	0.02
MH-2014	584.52	582.82	(N/A)	(N/A)	582.06	20.563	0.3
MH-2997	584.53	583.38	(N/A)	(N/A)	583.02	0.074	0.03
MH-3361	584.54	(N/A)	(N/A)	(N/A)	583.39	0.015	0.02
MH-706	584.54	583.39	(N/A)	(N/A)	583.39	0.064	0.02
MH-4522	584.54	(N/A)	(N/A)	(N/A)	583.39	0.018	0.01
MH-2229	584.56	(N/A)	(N/A)	(N/A)	583.26	0.028	0.02

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MH-2933	584.56	583.41	(N/A)	(N/A)	583	0.15	0.04
MH-705	584.56	580.5	583.41	(N/A)	580.5	18.23	0.42
MH-3362	584.57	583.34	(N/A)	(N/A)	583.34	0.031	0.02
MH-4341	584.58	583.43	(N/A)	(N/A)	583.06	0.018	0.01
MH-4295	584.58	(N/A)	(N/A)	(N/A)	583.43	0.007	0.01
MH-4788	584.6	(N/A)	(N/A)	(N/A)	583.44	0.02	0.01
MH-2438	584.63	583.48	(N/A)	(N/A)	583.27	0.066	0.02
MH-2485	584.63	583.45	(N/A)	(N/A)	583.36	1.563	0.11
MH-1431	584.64	583.49	(N/A)	(N/A)	583.49	0.145	0.04
MH-921	584.64	583.49	(N/A)	(N/A)	583.15	0.125	0.03
MH-277	584.65	583.5	(N/A)	(N/A)	583.41	0.016	0.01
MH-4088	584.65	(N/A)	(N/A)	(N/A)	583.5	0.069	0.04
MH-704	584.65	(N/A)	(N/A)	(N/A)	583.5	0.027	0.02
MH-1978	584.65	583.48	(N/A)	(N/A)	583.36	1.002	0.1
MH-2735	584.68	(N/A)	(N/A)	(N/A)	583.22	0.132	0.03
MH-2906	584.69	583.54	(N/A)	(N/A)	583.43	0.346	0.06
MH-2034	584.69	(N/A)	(N/A)	(N/A)	583.52	0.007	0.01
MH-4452	584.69	583.53	583.35	(N/A)	583.03	0.391	0.06
MH-3687	584.7	(N/A)	(N/A)	(N/A)	583.32	0.007	0.01
MH-3775	584.7	583.55	(N/A)	(N/A)	583.55	0.043	0.03
MH-4483	584.7	(N/A)	(N/A)	(N/A)	583.11	0.007	0.01
MH-1568	584.71	(N/A)	(N/A)	(N/A)	583.56	0.052	0.02
MH-4336	584.73	583.58	(N/A)	(N/A)	582.92	0.413	0.06
MH-2825	584.73	(N/A)	(N/A)	(N/A)	583.16	0.041	0.02
MH-814	584.73	583.03	(N/A)	(N/A)	583.03	0.026	0.02
MH-2570	584.74	583.59	583.59	(N/A)	583.34	0.215	0.04
MH-3161	584.74	583.59	(N/A)	(N/A)	583.37	0.195	0.04
MH-2059	584.77	583.59	(N/A)	(N/A)	583.59	1.413	0.12
MH-4039	584.79	583.04	(N/A)	(N/A)	583.04	0.059	0.03
MH-4343	584.79	583.64	(N/A)	(N/A)	583.18	0.029	0.02
MH-2647	584.79	583.52	(N/A)	(N/A)	583.07	2.388	0.13
MH-1570	584.79	583.64	(N/A)	(N/A)	582.84	0.017	0.01
MH-3832	584.8	583.65	(N/A)	(N/A)	583.02	0.675	0.08
MH-3390	584.8	583.4	(N/A)	(N/A)	583.24	6.555	0.2
MH-254	584.8	581.38	(N/A)	(N/A)	581.38	1.076	0.09
MH-276	584.8	(N/A)	(N/A)	(N/A)	583.62	0.01	0.01
MH-1104	584.81	583.66	(N/A)	(N/A)	583.53	0.374	0.06
MH-1328	584.82	583	(N/A)	(N/A)	583	20.538	0.3
MH-3830	584.82	(N/A)	(N/A)	(N/A)	583.67	0.111	0.03
MH-3663	584.84	582.66	(N/A)	(N/A)	582.66	0.055	0.03
MH-823	584.85	583.31	583.7	(N/A)	583.31	0.114	0.03
MH-3798	584.86	583.14	(N/A)	(N/A)	583.14	0.078	0.04
MH-483	584.87	583.72	(N/A)	(N/A)	583.59	0.104	0.03
MH-2945	584.87	(N/A)	(N/A)	(N/A)	583.34	0.024	0.01
MH-2546	584.87	583.72	(N/A)	(N/A)	583.02	0.47	0.07
MH-2676	584.88	583.73	(N/A)	(N/A)	583.38	0.203	0.04
MH-4632	584.88	583.73	583.48	(N/A)	582.86	11.623	0.27
MH-2082	584.89	583.74	583.24	(N/A)	583.24	0.136	0.04
MH-2058	584.89	583.71	(N/A)	(N/A)	583.71	1.334	0.11
MH-1072	584.93	583.78	(N/A)	(N/A)	583.59	0.086	0.03
MH-3088	584.97	582.01	(N/A)	(N/A)	582.01	0.688	0.08

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MH-807	584.97	583.82	(N/A)	(N/A)	583.82	0.265	0.07
MH-255	584.98	581.34	583.8	(N/A)	581.34	1.358	0.11
MH-4190	584.98	(N/A)	(N/A)	(N/A)	583.83	0.046	0.03
MH-1545	584.98	581.12	(N/A)	(N/A)	581.12	1.457	0.11
MH-454	584.98	583.02	581.24	(N/A)	581.18	1.425	0.1
MH-4079	584.98	581.03	(N/A)	(N/A)	581.03	1.528	0.11
MH-453	585	581.28	(N/A)	(N/A)	581.28	1.377	0.12
MH-2230	585	583.85	(N/A)	(N/A)	583.74	0.122	0.03
MH-2285	585	582.57	(N/A)	(N/A)	582.57	0.122	0.06
MH-3759	585.02	583.84	(N/A)	(N/A)	583.84	1.247	0.11
MH-3545	585.04	583.28	(N/A)	(N/A)	583.28	0.072	0.04
MH-3864	585.04	583.89	(N/A)	(N/A)	583.43	0.06	0.02
MH-4015	585.05	582.73	(N/A)	(N/A)	582.73	0.156	0.06
MH-2437	585.07	583.92	(N/A)	(N/A)	583.77	0.049	0.02
MH-2818	585.08	(N/A)	(N/A)	(N/A)	583.93	0.032	0.03
MH-3715	585.08	583.93	(N/A)	(N/A)	583.51	0.348	0.06
MH-4073	585.08	583.93	(N/A)	(N/A)	583.6	0.064	0.02
MH-1641	585.1	583.95	583.95	(N/A)	583.95	0.336	0.06
MH-4340	585.12	(N/A)	(N/A)	(N/A)	583.78	0.007	0.01
MH-3619	585.13	583.98	(N/A)	(N/A)	583.96	1.144	0.11
MH-4617	585.14	(N/A)	(N/A)	(N/A)	583.52	0.083	0.03
MH-2081	585.15	584	(N/A)	(N/A)	584	0.108	0.03
MH-2731	585.15	584	(N/A)	(N/A)	584	0.068	0.02
MH-2051	585.16	583.9	583.9	(N/A)	583.9	0.102	0.05
MH-3758	585.18	584.03	583.27	(N/A)	583.27	2.163	0.14
MH-2849	585.19	584.04	584.04	(N/A)	583.85	0.172	0.04
MH-3056	585.19	584.04	(N/A)	(N/A)	583.58	0.173	0.04
MH-950	585.2	583.8	584.05	(N/A)	583.7	6.444	0.2
MH-2932	585.21	584.06	(N/A)	(N/A)	583.71	0.115	0.03
MH-4008	585.21	583.47	(N/A)	(N/A)	583.47	0.091	0.04
MH-2907	585.22	584.07	(N/A)	(N/A)	583.84	0.315	0.05
MH-4003	585.23	584.08	(N/A)	(N/A)	584.08	0.167	0.04
MH-2571	585.24	584.09	(N/A)	(N/A)	583.89	0.172	0.04
MH-2999	585.24	(N/A)	(N/A)	(N/A)	583.68	0.046	0.02
MH-4161	585.24	584.09	584.09	(N/A)	583.86	0.124	0.03
MH-1329	585.26	583.03	(N/A)	(N/A)	583.03	20.522	0.37
MH-4168	585.26	583.62	580.87	582.4	580.54	18.145	0.43
MH-2050	585.27	584.12	(N/A)	(N/A)	584.12	0.045	0.02
MH-1071	585.28	(N/A)	(N/A)	(N/A)	583.96	0.067	0.02
MH-2632	585.29	583.87	(N/A)	(N/A)	583.87	0.129	0.05
MH-2331	585.29	(N/A)	(N/A)	(N/A)	584.14	0.021	0.01
MH-3588	585.3	(N/A)	(N/A)	(N/A)	584.15	0.038	0.03
MH-2397	585.31	584.16	(N/A)	(N/A)	584.16	1.005	0.1
MH-4628	585.31	(N/A)	(N/A)	(N/A)	583.03	0.012	0.01
MH-949	585.32	584.17	(N/A)	(N/A)	584.17	0.035	0.02
MH-3430	585.32	584.14	(N/A)	(N/A)	583.81	0.96	0.09
MH-1921	585.32	584.17	583.04	(N/A)	583.04	20.504	0.38
MH-2574	585.32	584.17	(N/A)	(N/A)	584.17	0.084	0.03
MH-2606	585.34	584.07	(N/A)	(N/A)	583.82	2.355	0.13
MH-1974	585.34	583.01	(N/A)	(N/A)	583.01	0.079	0.04
MH-80	585.34	584.19	(N/A)	(N/A)	584.19	0.029	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-2084	585.34	584.19	584.19	(N/A)	583.82	0.29	0.05
MH-3700	585.36	584.21	(N/A)	(N/A)	583.97	0.33	0.06
MH-1476	585.38	584.23	(N/A)	(N/A)	584.03	0.254	0.05
MH-1681	585.39	583.07	(N/A)	(N/A)	583.07	20.323	0.39
MH-1848	585.39	584.24	(N/A)	(N/A)	584.06	0.091	0.03
MH-81	585.4	(N/A)	(N/A)	(N/A)	584.25	0.009	0.01
MH-3883	585.41	583.11	(N/A)	(N/A)	583.11	0.099	0.05
MH-3182	585.41	(N/A)	(N/A)	(N/A)	584.22	0.019	0.01
MH-1369	585.42	584.27	(N/A)	(N/A)	584.17	0.161	0.04
MH-3067	585.45	584.3	(N/A)	(N/A)	584.3	0.056	0.02
MH-149	585.46	(N/A)	(N/A)	(N/A)	584.31	0.016	0.01
MH-4625	585.46	(N/A)	(N/A)	(N/A)	584.05	0.018	0.01
MH-2675	585.49	584.34	(N/A)	(N/A)	584.03	0.155	0.04
MH-1635	585.5	584.35	584.35	(N/A)	584.32	0.105	0.03
MH-1846	585.5	584.35	(N/A)	(N/A)	583.79	0.027	0.02
MH-1893	585.5	582.48	582.6	584.35	582.48	1.656	0.12
MH-608	585.51	583.84	(N/A)	(N/A)	583.84	0.144	0.05
MH-3038	585.52	584.37	(N/A)	(N/A)	584.37	0.033	0.02
MH-4631	585.52	584.37	584.37	(N/A)	584.19	1.51	0.12
MH-2396	585.54	584.39	(N/A)	(N/A)	584.39	0.906	0.09
MH-4087	585.55	583.8	(N/A)	(N/A)	583.8	0.068	0.04
MH-2979	585.56	584.41	(N/A)	(N/A)	584.41	0.17	0.04
MH-1107	585.56	584.41	(N/A)	(N/A)	584.41	0.022	0.02
MH-2155	585.56	584.41	584.16	(N/A)	584.1	6.34	0.19
MH-847	585.56	584.41	(N/A)	(N/A)	584.38	0.048	0.02
MH-3546	585.57	583.25	(N/A)	(N/A)	583.25	0.091	0.04
MH-3334	585.58	(N/A)	(N/A)	(N/A)	584.43	0.014	0.01
MH-1569	585.58	(N/A)	(N/A)	(N/A)	583.86	0.006	0.01
MH-1106	585.59	(N/A)	(N/A)	(N/A)	584.44	0.016	0.02
MH-4342	585.6	(N/A)	(N/A)	(N/A)	583.99	0.008	0.01
MH-1497	585.6	584.45	584.45	(N/A)	584.24	0.051	0.02
MH-609	585.6	583.82	582.54	(N/A)	582.54	0.278	0.08
MH-964	585.61	584.46	583.09	(N/A)	583.09	20.311	0.4
MH-833	585.62	584.44	(N/A)	(N/A)	584.44	0.112	0.05
MH-2104	585.63	582.7	(N/A)	(N/A)	582.7	0.178	0.06
MH-832	585.64	584.46	(N/A)	(N/A)	584.46	0.084	0.04
MH-3205	585.64	584.49	(N/A)	(N/A)	584.49	0.065	0.04
MH-4157	585.64	(N/A)	(N/A)	(N/A)	584.49	0.039	0.03
MH-2334	585.64	584.49	(N/A)	(N/A)	584.31	0.103	0.03
MH-3087	585.64	582.18	584.32	(N/A)	582.16	0.67	0.08
MH-342	585.66	584.5	(N/A)	(N/A)	584.5	0.152	0.05
MH-407	585.66	584.51	(N/A)	(N/A)	584.51	0.129	0.05
MH-3714	585.67	584.52	(N/A)	(N/A)	584.23	0.336	0.06
MH-2063	585.68	582.84	584.53	582.68	582.56	1.459	0.11
MH-279	585.69	584.35	584.48	(N/A)	584.32	0.64	0.08
MH-963	585.71	584.5	(N/A)	(N/A)	584.5	0.118	0.04
MH-466	585.71	584.56	584.56	(N/A)	584.37	0.572	0.07
MH-4160	585.71	(N/A)	(N/A)	(N/A)	584.41	0.034	0.02
MH-3800	585.72	583.21	(N/A)	(N/A)	583.21	2.191	0.15
MH-406	585.72	584.55	(N/A)	(N/A)	584.55	0.1	0.04
MH-1496	585.73	584.58	(N/A)	(N/A)	584.58	0.015	0.01

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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-2083	585.73	584.58	(N/A)	(N/A)	584.45	0.145	0.04
MH-49	585.73	584.58	(N/A)	(N/A)	584.47	0.153	0.04
MH-4545	585.74	(N/A)	(N/A)	(N/A)	584.59	0.049	0.03
MH-846	585.74	584.59	(N/A)	(N/A)	584.58	0.03	0.02
MH-2836	585.75	584.6	(N/A)	(N/A)	584.39	0.149	0.04
MH-1634	585.75	584.6	584.6	(N/A)	584.57	0.083	0.03
MH-1131	585.76	584.59	584.61	(N/A)	584.59	0.06	0.04
MH-1232	585.76	(N/A)	(N/A)	(N/A)	584.61	0.009	0.02
MH-2443	585.76	583.44	(N/A)	(N/A)	583.44	0.112	0.05
MH-1665	585.77	584.62	(N/A)	(N/A)	584.48	0.07	0.03
MH-4004	585.77	584.62	(N/A)	(N/A)	584.33	0.159	0.04
MH-3410	585.77	584.62	(N/A)	(N/A)	584.62	0.046	0.02
MH-4424	585.77	(N/A)	(N/A)	(N/A)	584.47	0.027	0.02
MH-465	585.78	584.63	(N/A)	(N/A)	584.63	0.21	0.04
MH-1975	585.79	582.99	(N/A)	(N/A)	582.99	0.096	0.04
MH-529	585.79	584.25	(N/A)	(N/A)	584.25	0.696	0.08
MH-3154	585.79	584.53	(N/A)	(N/A)	584.53	0.11	0.05
MH-3072	585.8	584.65	(N/A)	(N/A)	584.49	0.087	0.03
MH-1884	585.81	582.9	582.96	584.66	582.9	1.228	0.11
MH-2066	585.81	(N/A)	(N/A)	(N/A)	584.61	0.009	0.01
MH-3153	585.81	584.56	584.56	(N/A)	584.56	0.094	0.04
MH-1549	585.83	(N/A)	(N/A)	(N/A)	584.68	0.029	0.02
MH-937	585.83	584.68	(N/A)	(N/A)	584.68	0.819	0.09
MH-1517	585.84	584.43	584.61	(N/A)	584.43	5.495	0.18
MH-767	585.84	584.69	584.66	(N/A)	584.35	0.084	0.03
MH-3589	585.84	584.12	(N/A)	(N/A)	584.12	0.06	0.04
MH-2684	585.84	584.69	(N/A)	(N/A)	584.69	0.046	0.02
MH-612	585.85	(N/A)	(N/A)	(N/A)	584.7	0.017	0.03
MH-1186	585.86	583.1	(N/A)	(N/A)	583.1	20.182	0.4
MH-2605	585.86	584.59	(N/A)	(N/A)	584.37	2.327	0.13
MH-4454	585.86	(N/A)	(N/A)	(N/A)	584.71	0.017	0.02
MH-3929	585.87	(N/A)	(N/A)	(N/A)	583.96	0.531	0.07
MH-2506	585.88	(N/A)	(N/A)	(N/A)	584.73	0.006	0.01
MH-2490	585.88	584.73	584.73	(N/A)	584.7	0.853	0.09
MH-2683	585.88	(N/A)	(N/A)	(N/A)	584.73	0.018	0.02
MH-278	585.89	584.42	(N/A)	(N/A)	584.42	0.467	0.07
MH-50	585.9	584.75	(N/A)	(N/A)	584.65	0.148	0.04
MH-2673	585.9	584.67	(N/A)	(N/A)	584.67	0.036	0.03
MH-2458	585.9	584.4	584.4	(N/A)	584.4	0.173	0.07
MH-936	585.91	584.76	(N/A)	(N/A)	584.76	0.802	0.09
MH-4007	585.93	(N/A)	(N/A)	(N/A)	584.78	0.029	0.02
MH-3756	585.93	582.99	583.06	584.78	582.99	1.072	0.09
MH-2033	585.93	584.78	(N/A)	(N/A)	584.52	0.272	0.05
MH-3070	585.93	584.78	(N/A)	(N/A)	584.34	0.127	0.03
MH-2768	585.94	584.76	(N/A)	(N/A)	584.44	0.902	0.09
MH-766	585.94	(N/A)	(N/A)	(N/A)	584.79	0.026	0.02
MH-3231	585.94	(N/A)	(N/A)	(N/A)	584.79	0.019	0.02
MH-1892	585.95	584.8	(N/A)	(N/A)	584.6	0.113	0.03
MH-1722	585.95	583.08	(N/A)	(N/A)	583.08	0.118	0.05
MH-1130	585.96	584.79	(N/A)	(N/A)	584.79	0.042	0.02
MH-3711	585.98	584.83	(N/A)	(N/A)	584.83	0.195	0.04

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MH-1516	585.98	584.58	(N/A)	(N/A)	584.58	4.105	0.15
MH-3456	585.99	(N/A)	(N/A)	(N/A)	584.84	0.022	0.01
MH-2457	586	584.84	(N/A)	(N/A)	584.84	0.092	0.03
MH-2158	586	584.7	584.7	(N/A)	584.7	0.327	0.06
MH-817	586	584.51	584.5	584.56	584.08	15.347	0.4
MH-2850	586	584.6	(N/A)	(N/A)	584.6	5.519	0.23
MH-1127	586	584.06	(N/A)	(N/A)	584.06	15.362	0.4
MH-2929	586	582.48	(N/A)	(N/A)	582.48	0.321	0.06
MH-2622	586	582.51	(N/A)	(N/A)	582.51	0.302	0.08
MH-2249	586	584.73	(N/A)	(N/A)	584.73	0.076	0.04
MH-3407	586	584.03	(N/A)	(N/A)	584.03	15.394	0.4
MH-816	586	584.59	(N/A)	(N/A)	584.59	0.605	0.07
MH-2916	586	584.76	(N/A)	(N/A)	584.76	0.052	0.03
MH-3406	586	584	(N/A)	(N/A)	584	15.439	0.4
MH-2157	586	584.85	(N/A)	(N/A)	584.85	0.23	0.05
MH-2890	586.01	584.86	(N/A)	(N/A)	584.86	0.064	0.04
MH-2196	586.03	584.88	(N/A)	(N/A)	584.88	0.081	0.04
MH-655	586.03	584.88	(N/A)	(N/A)	584.71	0.025	0.01
MH-2193	586.03	584.88	(N/A)	(N/A)	584.57	0.227	0.05
MH-1168	586.05	584.9	(N/A)	(N/A)	584.9	0.035	0.04
MH-316	586.05	584.9	(N/A)	(N/A)	584.78	0.076	0.03
MH-1650	586.05	584.9	584.9	(N/A)	584.85	0.063	0.02
MH-4345	586.05	584.45	584.09	(N/A)	583.66	14.88	0.35
MH-1828	586.05	584.71	584.9	(N/A)	584.71	0.152	0.04
MH-1842	586.06	(N/A)	(N/A)	(N/A)	584.84	0.008	0.01
MH-4458	586.06	(N/A)	(N/A)	(N/A)	584.91	0.021	0.02
MH-3166	586.06	584.91	(N/A)	(N/A)	584.91	0.057	0.03
MH-2553	586.06	583.13	(N/A)	(N/A)	583.13	20.165	0.41
MH-861	586.06	584.37	584.85	(N/A)	584.37	0.272	0.08
MH-2764	586.06	584.91	(N/A)	(N/A)	584.91	0.05	0.03
MH-2969	586.06	584.91	(N/A)	(N/A)	584.91	0.197	0.05
MH-3048	586.06	584.91	(N/A)	(N/A)	584.89	0.021	0.01
MH-3993	586.07	584.92	(N/A)	(N/A)	584.7	0.775	0.09
MH-2674	586.07	584.64	(N/A)	(N/A)	584.64	0.058	0.03
MH-4468	586.08	584.93	584.93	(N/A)	584.45	0.272	0.05
MH-3119	586.1	584.95	(N/A)	(N/A)	584.64	0.119	0.03
MH-3358	586.1	584.95	(N/A)	(N/A)	584.95	0.781	0.09
MH-3174	586.1	584.6	(N/A)	(N/A)	584.6	9.215	0.22
MH-2832	586.1	(N/A)	(N/A)	(N/A)	584.95	0.016	0.02
MH-3309	586.1	(N/A)	(N/A)	(N/A)	584.95	0.03	0.02
MH-1221	586.11	583.77	(N/A)	(N/A)	583.77	0.087	0.04
MH-1871	586.11	583.23	(N/A)	(N/A)	583.23	0.11	0.05
MH-1744	586.11	584.96	(N/A)	(N/A)	584.96	0.022	0.02
MH-3463	586.11	(N/A)	(N/A)	(N/A)	584.96	0.022	0.01
MH-2281	586.11	584.96	(N/A)	(N/A)	584.94	0.538	0.07
MH-862	586.11	584.35	(N/A)	(N/A)	584.35	0.289	0.08
MH-1295	586.12	584.97	584.83	(N/A)	584.83	1.353	0.1
MH-3025	586.12	583.16	(N/A)	(N/A)	583.16	20.137	0.41
MH-480	586.12	584.69	(N/A)	(N/A)	584.69	0.033	0.05
MH-4639	586.13	(N/A)	(N/A)	(N/A)	584.98	0.014	0.01
MH-2919	586.13	(N/A)	(N/A)	(N/A)	584.98	0.029	0.02

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MH-2659	586.14	584.99	(N/A)	(N/A)	584.95	0.054	0.02
MH-2763	586.14	(N/A)	(N/A)	(N/A)	584.99	0.018	0.02
MH-1211	586.14	584.99	(N/A)	(N/A)	584.04	0.337	0.06
MH-4027	586.16	585.01	583.2	583.18	583.14	0.894	0.08
MH-1351	586.16	584.93	(N/A)	(N/A)	584.93	0.034	0.03
MH-3710	586.16	585.01	(N/A)	(N/A)	585.01	0.173	0.04
MH-1169	586.17	584.88	584.88	(N/A)	584.88	0.149	0.06
MH-1877	586.18	585.03	585.03	(N/A)	585.03	0.692	0.08
MH-3240	586.18	583.19	(N/A)	(N/A)	583.19	20.107	0.41
MH-2968	586.18	585.02	585.02	(N/A)	585.02	0.156	0.04
MH-856	586.19	584.61	(N/A)	(N/A)	584.61	0.076	0.04
MH-141	586.19	585.04	(N/A)	(N/A)	585.04	0.043	0.02
MH-1350	586.19	585.03	(N/A)	(N/A)	585.03	0.091	0.03
MH-2837	586.2	585.05	(N/A)	(N/A)	584.89	0.126	0.03
MH-2585	586.2	583.97	(N/A)	(N/A)	583.97	15.479	0.4
MH-1352	586.2	584.91	584.7	(N/A)	583.74	0.586	0.07
MH-1847	586.2	585.05	(N/A)	(N/A)	584.59	0.016	0.01
MH-1153	586.21	(N/A)	(N/A)	(N/A)	585.06	0.016	0.02
MH-3576	586.21	585.06	(N/A)	(N/A)	585.05	0.142	0.04
MH-4158	586.21	584.46	(N/A)	(N/A)	584.46	0.06	0.04
MH-1310	586.21	585.06	(N/A)	(N/A)	584.78	0.325	0.06
MH-2889	586.21	(N/A)	(N/A)	(N/A)	585.06	0.029	0.02
MH-1561	586.21	584.95	(N/A)	(N/A)	584.95	0.05	0.02
MH-4573	586.21	(N/A)	(N/A)	(N/A)	585.06	0.012	0.01
MH-1902	586.21	585.06	(N/A)	(N/A)	585.06	0.082	0.04
MH-1664	586.21	(N/A)	(N/A)	(N/A)	584.84	0.029	0.02
MH-4189	586.22	584.87	584.87	(N/A)	584.87	0.067	0.04
MH-3444	586.22	585.06	(N/A)	(N/A)	585.06	0.07	0.04
MH-2274	586.23	584.82	584.32	(N/A)	584.32	0.38	0.06
MH-1294	586.23	584.91	(N/A)	(N/A)	584.91	0.946	0.09
MH-4439	586.24	(N/A)	(N/A)	(N/A)	585.09	0.018	0.02
MH-140	586.24	(N/A)	(N/A)	(N/A)	585.09	0.019	0.01
MH-654	586.25	585.1	(N/A)	(N/A)	585.03	0.018	0.01
MH-3459	586.25	585.09	(N/A)	(N/A)	585.09	0.038	0.03
MH-1743	586.25	(N/A)	(N/A)	(N/A)	585.1	0.012	0.01
MH-857	586.25	584.07	584.6	(N/A)	584.07	0.467	0.07
MH-315	586.26	585.11	(N/A)	(N/A)	585.02	0.07	0.03
MH-2545	586.26	585.11	(N/A)	(N/A)	584.02	0.412	0.06
MH-3471	586.27	(N/A)	(N/A)	(N/A)	585.12	0.015	0.02
MH-3050	586.27	585	(N/A)	(N/A)	584.89	2.307	0.13
MH-1154	586.27	585.04	585.04	(N/A)	585.04	0.053	0.03
MH-1562	586.27	584.87	584.87	(N/A)	584.87	0.124	0.05
MH-1901	586.27	585.12	(N/A)	(N/A)	585.12	0.046	0.02
MH-2555	586.27	585.12	(N/A)	(N/A)	585.12	0.081	0.03
MH-1620	586.27	585.12	585.12	(N/A)	585.12	0.04	0.02
MH-1353	586.28	583.92	584.81	(N/A)	583.89	0.633	0.07
MH-2006	586.28	585.13	(N/A)	(N/A)	585.13	0.755	0.09
MH-1738	586.29	583.41	(N/A)	(N/A)	583.41	0.129	0.05
MH-1737	586.29	585.14	583.59	583.39	583.36	0.722	0.08
MH-1362	586.3	583.13	585.13	(N/A)	583.13	3.466	0.16
MH-1649	586.3	(N/A)	(N/A)	(N/A)	585.13	0.007	0.01

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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-2341	586.31	584.65	(N/A)	(N/A)	584.65	0.23	0.07
MH-4201	586.31	(N/A)	(N/A)	(N/A)	585.16	0.031	0.02
MH-3195	586.31	584.91	(N/A)	(N/A)	584.91	3.786	0.15
MH-773	586.31	585.16	585.16	(N/A)	585.16	0.148	0.04
MH-2218	586.32	583.23	583.76	(N/A)	583.23	20.087	0.42
MH-1456	586.32	584.62	(N/A)	(N/A)	584.62	0.29	0.08
MH-119	586.32	585.17	(N/A)	(N/A)	585.17	0.089	0.04
MH-1457	586.33	584.6	585.18	(N/A)	584.6	0.444	0.07
MH-2848	586.34	584.84	(N/A)	(N/A)	584.84	0.147	0.06
MH-2621	586.34	(N/A)	(N/A)	(N/A)	585.19	0.018	0.02
MH-120	586.34	584.68	585.16	(N/A)	584.68	0.151	0.06
MH-3250	586.35	585.2	(N/A)	(N/A)	585.2	0.014	0.01
MH-2032	586.36	585.21	(N/A)	(N/A)	585.04	0.226	0.05
MH-1141	586.36	584.88	(N/A)	(N/A)	584.88	0.112	0.03
MH-2129	586.36	585.05	(N/A)	(N/A)	585.05	0.034	0.03
MH-2584	586.36	585	583.94	(N/A)	583.94	15.563	0.4
MH-2664	586.37	(N/A)	(N/A)	(N/A)	585.22	0.019	0.01
MH-3486	586.37	584.97	(N/A)	(N/A)	584.9	5.501	0.18
MH-2658	586.37	585.22	(N/A)	(N/A)	585.22	0.092	0.03
MH-400	586.39	584.09	(N/A)	(N/A)	584.09	0.082	0.04
MH-772	586.4	585.25	(N/A)	(N/A)	585.25	0.115	0.03
MH-3968	586.42	583.87	585.27	583.73	583.7	0.537	0.07
MH-1790	586.43	585.28	(N/A)	(N/A)	584.96	0.346	0.06
MH-1140	586.43	584.96	(N/A)	(N/A)	584.96	0.093	0.03
MH-2660	586.44	(N/A)	(N/A)	(N/A)	585.28	0.024	0.01
MH-1876	586.44	585.29	585.27	(N/A)	585.27	0.576	0.07
MH-2130	586.45	585.02	(N/A)	(N/A)	585.02	0.048	0.03
MH-2005	586.45	585.3	(N/A)	(N/A)	585.3	0.734	0.08
MH-2950	586.46	585.03	(N/A)	(N/A)	585.03	0.927	0.09
MH-1222	586.46	583.75	(N/A)	(N/A)	583.75	0.102	0.05
MH-2151	586.46	584.74	(N/A)	(N/A)	584.74	0.052	0.03
MH-1812	586.47	585.32	585.32	(N/A)	585.32	0.389	0.06
MH-3462	586.47	(N/A)	(N/A)	(N/A)	585.32	0.015	0.02
MH-1698	586.48	(N/A)	(N/A)	(N/A)	585.33	0.037	0.03
MH-2198	586.48	584.81	(N/A)	(N/A)	584.81	0.244	0.07
MH-1699	586.49	585.3	(N/A)	(N/A)	585.3	0.055	0.03
MH-1134	586.49	585.25	584.83	(N/A)	584.83	0.223	0.07
MH-1638	586.5	585	(N/A)	(N/A)	584.78	9.201	0.22
MH-2579	586.5	584.99	(N/A)	(N/A)	584.99	0.07	0.04
MH-983	586.51	585.36	(N/A)	(N/A)	585.15	0.141	0.04
MH-3136	586.51	585.27	583.86	(N/A)	583.86	15.681	0.4
MH-1133	586.52	585.26	(N/A)	(N/A)	585.26	0.058	0.03
MH-2221	586.52	585.37	(N/A)	(N/A)	585.11	0.083	0.03
MH-2918	586.52	(N/A)	(N/A)	(N/A)	585.37	0.017	0.01
MH-1049	586.52	583.89	(N/A)	(N/A)	583.89	15.607	0.4
MH-2657	586.53	(N/A)	(N/A)	(N/A)	585.38	0.038	0.02
MH-1050	586.54	583.91	(N/A)	(N/A)	583.91	15.59	0.4
MH-1311	586.54	585.39	585.39	(N/A)	585.3	0.317	0.05
MH-3246	586.54	(N/A)	(N/A)	(N/A)	585.39	0.018	0.02
MH-1619	586.55	(N/A)	(N/A)	(N/A)	585.35	0.007	0.01
MH-2793	586.55	585.29	(N/A)	(N/A)	585.29	0.04	0.03

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MH-3127	586.56	(N/A)	(N/A)	(N/A)	585.41	0.044	0.03
MH-2767	586.57	585.39	(N/A)	(N/A)	585.06	0.843	0.09
MH-4542	586.58	583.78	(N/A)	(N/A)	583.68	19.39	0.29
MH-1789	586.58	585.43	(N/A)	(N/A)	585.43	0.319	0.05
MH-3194	586.59	585.19	(N/A)	(N/A)	585.19	3.701	0.15
MH-3803	586.6	585.45	(N/A)	(N/A)	585.45	0.097	0.03
MH-2554	586.61	(N/A)	(N/A)	(N/A)	585.42	0.034	0.02
MH-3041	586.62	585.36	(N/A)	(N/A)	585.36	0.042	0.03
MH-1511	586.63	(N/A)	(N/A)	(N/A)	585.32	0.009	0.01
MH-8	586.65	585.5	(N/A)	(N/A)	585.5	0.009	0.01
MH-1811	586.65	585.5	(N/A)	(N/A)	585.5	0.092	0.03
MH-1269	586.65	585.5	(N/A)	(N/A)	585.08	0.086	0.03
MH-3870	586.66	(N/A)	(N/A)	(N/A)	584.91	0.031	0.02
MH-1361	586.66	585.48	(N/A)	(N/A)	585.33	1.247	0.11
MH-7	586.67	(N/A)	(N/A)	(N/A)	585.52	0.008	0.01
MH-3967	586.67	585.52	584.06	584.39	584.06	0.379	0.06
MH-2004	586.68	585.15	(N/A)	(N/A)	585.15	0.906	0.08
MH-1705	586.7	584.78	585.28	585.27	584.75	0.592	0.07
MH-1479	586.7	585.42	585.43	(N/A)	585.3	2.284	0.13
MH-1704	586.7	585.3	(N/A)	(N/A)	585.3	0.072	0.04
MH-2909	586.71	585.56	(N/A)	(N/A)	585.56	0.715	0.08
MH-3042	586.72	585.33	(N/A)	(N/A)	585.33	0.061	0.04
MH-3560	586.72	(N/A)	(N/A)	(N/A)	585.51	0.165	0.04
MH-4291	586.72	(N/A)	(N/A)	(N/A)	585.43	0.009	0.01
MH-4147	586.73	(N/A)	(N/A)	(N/A)	585.58	0.015	0.02
MH-3209	586.73	(N/A)	(N/A)	(N/A)	585.58	0.02	0.02
MH-2126	586.74	585.59	585.59	(N/A)	585.59	0.408	0.06
MH-4471	586.74	583.82	584.83	(N/A)	583.82	19.318	0.4
MH-2636	586.75	585.6	(N/A)	(N/A)	585.43	0.109	0.03
MH-3289	586.76	585.61	(N/A)	(N/A)	585.61	0.282	0.05
MH-491	586.77	585.62	(N/A)	(N/A)	585.18	0.271	0.05
MH-3030	586.77	585.38	(N/A)	(N/A)	585.38	0.067	0.04
MH-3472	586.78	585.26	(N/A)	(N/A)	585.26	5.466	0.18
MH-1400	586.78	584.43	(N/A)	(N/A)	584.43	0.077	0.05
MH-3558	586.78	585.63	(N/A)	(N/A)	585.63	0.29	0.05
MH-1639	586.78	585.28	585.63	(N/A)	585.28	9.185	0.22
MH-2920	586.78	585.63	584.91	(N/A)	584.91	3.603	0.17
MH-4112	586.79	(N/A)	(N/A)	(N/A)	585.02	0.038	0.02
MH-2327	586.8	585.65	(N/A)	(N/A)	585.57	0.585	0.08
MH-3210	586.81	585.55	(N/A)	(N/A)	585.55	0.037	0.03
MH-2147	586.81	585.31	(N/A)	(N/A)	585.31	0.225	0.07
MH-982	586.82	585.67	(N/A)	(N/A)	585.53	0.071	0.03
MH-1399	586.82	585.67	584.7	584.41	584.41	0.24	0.07
MH-4714	586.84	(N/A)	(N/A)	(N/A)	585.69	0.021	0.02
MH-1432	586.84	585.69	(N/A)	(N/A)	585.62	0.067	0.02
MH-4333	586.85	585.7	(N/A)	(N/A)	585.45	0.054	0.02
MH-4607	586.86	585.71	(N/A)	(N/A)	585.49	0.127	0.03
MH-4203	586.86	585.09	(N/A)	(N/A)	585.09	3.214	0.16
MH-3454	586.87	585.47	(N/A)	(N/A)	585.47	3.628	0.14
MH-1689	586.87	585.62	(N/A)	(N/A)	585.09	0.141	0.04
MH-2960	586.87	585.7	(N/A)	(N/A)	585.7	0.797	0.08

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MH-3632	586.87	585.72	(N/A)	(N/A)	585.23	0.659	0.08
MH-2003	586.88	585.25	(N/A)	(N/A)	585.25	0.884	0.08
MH-3789	586.89	585.74	(N/A)	(N/A)	585.74	0.073	0.03
MH-2624	586.89	585.74	(N/A)	(N/A)	585.74	0.082	0.03
MH-3682	586.89	585.74	(N/A)	(N/A)	585.49	0.078	0.03
MH-2530	586.91	584.97	(N/A)	(N/A)	584.97	3.3	0.16
MH-2672	586.91	585.76	(N/A)	(N/A)	585.76	0.281	0.06
MH-3985	586.92	(N/A)	(N/A)	(N/A)	585.13	0.037	0.02
MH-2152	586.93	584.72	585.78	(N/A)	584.72	0.118	0.05
MH-2248	586.95	585.8	585.8	(N/A)	585.8	0.698	0.08
MH-2669	586.95	(N/A)	(N/A)	(N/A)	585.8	0.033	0.03
MH-2531	586.97	585.82	585.03	(N/A)	585.03	3.277	0.16
MH-3177	586.98	585.36	585.8	(N/A)	585.17	3.172	0.16
MH-1128	586.98	585.35	(N/A)	(N/A)	585.35	0.081	0.05
MH-2656	586.98	585.83	(N/A)	(N/A)	585.83	0.227	0.05
MH-1980	587.01	585.85	585.85	(N/A)	585.85	0.316	0.05
MH-2222	587.01	(N/A)	(N/A)	(N/A)	585.64	0.047	0.02
MH-1478	587.01	585.74	(N/A)	(N/A)	585.64	2.034	0.12
MH-3891	587.02	585.87	(N/A)	(N/A)	585.87	0.258	0.05
MH-1736	587.05	585.9	585.9	(N/A)	585.9	0.269	0.05
MH-3534	587.06	(N/A)	(N/A)	(N/A)	585.56	0.089	0.03
MH-3243	587.07	585.92	(N/A)	(N/A)	585.32	0.142	0.04
MH-1433	587.07	585.92	(N/A)	(N/A)	585.9	0.058	0.02
MH-2766	587.07	585.92	(N/A)	(N/A)	585.92	0.084	0.03
MH-1129	587.08	585.33	585.33	(N/A)	585.33	0.205	0.07
MH-3958	587.09	(N/A)	(N/A)	(N/A)	585.37	0.039	0.02
MH-2670	587.11	585.77	(N/A)	(N/A)	585.77	0.066	0.04
MH-4048	587.11	585.96	585.96	(N/A)	585.74	0.24	0.05
MH-2804	587.12	585.37	(N/A)	(N/A)	585.37	0.862	0.08
MH-3059	587.12	585.97	(N/A)	(N/A)	585.97	0.069	0.02
MH-2959	587.12	585.95	(N/A)	(N/A)	585.95	0.747	0.08
MH-1268	587.13	585.98	(N/A)	(N/A)	585.7	0.051	0.02
MH-3750	587.13	(N/A)	(N/A)	(N/A)	585.94	0.017	0.01
MH-2326	587.14	585.99	(N/A)	(N/A)	585.99	0.103	0.03
MH-2648	587.15	586	(N/A)	(N/A)	586	0.076	0.03
MH-2868	587.15	585.75	(N/A)	(N/A)	585.75	3.556	0.14
MH-3460	587.15	585.56	585.75	(N/A)	585.31	5.421	0.23
MH-2015	587.16	586.01	(N/A)	(N/A)	586.01	0.051	0.04
MH-2489	587.17	585.99	586.02	(N/A)	585.78	1.22	0.11
MH-2075	587.18	585.42	(N/A)	(N/A)	585.42	0.109	0.04
MH-3997	587.18	(N/A)	(N/A)	(N/A)	586.03	0.115	0.05
MH-490	587.19	585.76	(N/A)	(N/A)	585.76	0.193	0.04
MH-4430	587.19	586.04	(N/A)	(N/A)	586.02	0.445	0.07
MH-1979	587.19	586.04	586.04	(N/A)	586.04	0.238	0.05
MH-1197	587.2	586.05	(N/A)	(N/A)	586.05	0.157	0.04
MH-2661	587.2	585.55	(N/A)	(N/A)	585.55	0.034	0.03
MH-3553	587.21	586.06	(N/A)	(N/A)	586.06	0.223	0.05
MH-2655	587.21	586.06	(N/A)	(N/A)	586.06	0.189	0.04
MH-4294	587.21	586.06	(N/A)	(N/A)	586.06	0.134	0.05
MH-1735	587.22	586.07	(N/A)	(N/A)	586.07	0.141	0.04
MH-4652	587.22	(N/A)	(N/A)	(N/A)	585.57	0.015	0.01

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MH-3192	587.23	586.08	(N/A)	(N/A)	586.08	0.518	0.07
MH-2862	587.23	586.08	(N/A)	(N/A)	586.08	0.046	0.02
MH-2649	587.24	(N/A)	(N/A)	(N/A)	586.09	0.034	0.02
MH-3827	587.24	(N/A)	(N/A)	(N/A)	585.49	0.038	0.02
MH-1290	587.24	585.44	(N/A)	(N/A)	585.44	0.094	0.04
MH-622	587.24	586.03	586.09	(N/A)	586.03	0.252	0.05
MH-3062	587.24	586.07	(N/A)	(N/A)	586.07	2.283	0.14
MH-2499	587.24	585.53	586.09	(N/A)	585.49	0.872	0.08
MH-1589	587.25	585.77	(N/A)	(N/A)	585.77	0.343	0.06
MH-2654	587.25	586.1	(N/A)	(N/A)	586.1	0.113	0.03
MH-2596	587.26	586.11	(N/A)	(N/A)	586.11	0.131	0.05
MH-2765	587.27	(N/A)	(N/A)	(N/A)	586.12	0.041	0.02
MH-1867	587.27	586.09	(N/A)	(N/A)	586.09	0.147	0.06
MH-3998	587.29	586	(N/A)	(N/A)	586	0.144	0.04
MH-4814	587.3	586.15	(N/A)	(N/A)	586.15	0.046	0.03
MH-2187	587.3	586.15	586.15	(N/A)	586.15	0.13	0.04
MH-2867	587.3	585.9	(N/A)	(N/A)	585.9	3.485	0.14
MH-2068	587.31	585.81	(N/A)	(N/A)	585.69	9.147	0.22
MH-383	587.32	586.17	(N/A)	(N/A)	586.16	0.048	0.02
MH-3058	587.34	586.19	(N/A)	(N/A)	586.19	0.054	0.02
MH-1648	587.34	586.06	586.19	(N/A)	586.06	0.325	0.06
MH-335	587.34	585.5	(N/A)	(N/A)	585.5	0.841	0.08
MH-3585	587.37	(N/A)	(N/A)	(N/A)	585.94	0.024	0.01
MH-3078	587.37	585.74	(N/A)	(N/A)	585.74	0.108	0.05
MH-860	587.38	586.11	585.08	(N/A)	585.08	14.107	0.26
MH-2988	587.38	586.11	(N/A)	(N/A)	586.04	2.013	0.12
MH-2488	587.4	586.25	586.12	(N/A)	586.09	1.127	0.11
MH-2604	587.4	586.25	(N/A)	(N/A)	586.25	0.099	0.03
MH-4084	587.4	(N/A)	(N/A)	(N/A)	585.61	0.036	0.02
MH-1289	587.41	585.46	(N/A)	(N/A)	585.46	0.077	0.04
MH-1875	587.41	586.13	(N/A)	(N/A)	586.13	0.069	0.02
MH-3157	587.42	586.27	(N/A)	(N/A)	586.27	0.138	0.04
MH-3551	587.43	586.28	(N/A)	(N/A)	586.28	0.2	0.04
MH-334	587.44	585.55	(N/A)	(N/A)	585.55	0.831	0.08
MH-621	587.44	586.29	(N/A)	(N/A)	586.24	0.104	0.03
MH-4666	587.44	586.29	(N/A)	(N/A)	586.15	0.216	0.04
MH-1647	587.44	586.29	(N/A)	(N/A)	586.29	0.159	0.04
MH-3681	587.45	(N/A)	(N/A)	(N/A)	585.97	0.034	0.02
MH-2186	587.45	586.3	(N/A)	(N/A)	586.3	0.064	0.02
MH-2049	587.46	586.31	(N/A)	(N/A)	586.31	0.492	0.07
MH-3071	587.47	586.32	(N/A)	(N/A)	586.32	0.145	0.04
MH-384	587.47	586.32	(N/A)	(N/A)	586.29	0.039	0.02
MH-4049	587.48	(N/A)	(N/A)	(N/A)	586.33	0.013	0.01
MH-3788	587.48	(N/A)	(N/A)	(N/A)	586.04	0.047	0.02
MH-809	587.48	586.15	586.33	(N/A)	586.15	1.893	0.13
MH-2250	587.49	585.52	(N/A)	(N/A)	585.52	0.052	0.03
MH-1605	587.5	586.05	(N/A)	(N/A)	586.05	5.049	0.17
MH-2595	587.5	586.35	(N/A)	(N/A)	586.35	0.117	0.03
MH-2922	587.5	586.1	(N/A)	(N/A)	586.1	3.414	0.14
MH-2603	587.5	586.35	(N/A)	(N/A)	586.35	0.083	0.03
MH-4623	587.51	(N/A)	(N/A)	(N/A)	586.03	0.022	0.01

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-1313	587.51	586.36	585.69	586.36	585.66	0.758	0.08
MH-3330	587.54	586.39	(N/A)	(N/A)	586.39	0.036	0.02
MH-2947	587.55	586.4	(N/A)	(N/A)	586.4	0.051	0.02
MH-2839	587.55	586.4	(N/A)	(N/A)	586.4	0.053	0.02
MH-4144	587.56	(N/A)	(N/A)	(N/A)	585.86	0.036	0.02
MH-2758	587.56	586.41	(N/A)	(N/A)	586.41	0.041	0.02
MH-2863	587.56	(N/A)	(N/A)	(N/A)	586.38	0.026	0.01
MH-3063	587.56	586.39	(N/A)	(N/A)	586.37	2.266	0.14
MH-4817	587.57	586.42	(N/A)	(N/A)	586.42	0.092	0.04
MH-2928	587.57	586.42	(N/A)	(N/A)	586.39	0.093	0.03
MH-1938	587.57	586.4	(N/A)	(N/A)	586.36	0.705	0.08
MH-2067	587.57	586.07	(N/A)	(N/A)	586.07	9.126	0.22
MH-3680	587.59	586.44	(N/A)	(N/A)	585.41	0.361	0.06
MH-4598	587.6	586.45	585.64	(N/A)	585.64	0.129	0.05
MH-2757	587.6	586.45	(N/A)	(N/A)	586.45	0.027	0.02
MH-2667	587.61	586.46	(N/A)	(N/A)	586.46	0.146	0.04
MH-808	587.61	586.46	(N/A)	(N/A)	586.46	0.264	0.05
MH-2251	587.62	585.49	(N/A)	(N/A)	585.49	0.065	0.04
MH-3586	587.62	586.31	(N/A)	(N/A)	586.31	0.468	0.07
MH-3227	587.62	586.16	(N/A)	(N/A)	586.16	3.345	0.16
MH-2841	587.63	586.48	(N/A)	(N/A)	586.48	0.12	0.03
MH-3533	587.63	585.7	(N/A)	(N/A)	585.7	0.655	0.08
MH-1874	587.64	586.41	(N/A)	(N/A)	586.41	0.119	0.03
MH-2948	587.65	586.5	(N/A)	(N/A)	586.5	0.039	0.02
MH-3550	587.66	586.51	(N/A)	(N/A)	586.51	0.169	0.04
MH-2965	587.67	585.68	(N/A)	(N/A)	585.68	0.821	0.08
MH-2048	587.68	586.5	(N/A)	(N/A)	586.5	0.471	0.07
MH-3655	587.68	(N/A)	(N/A)	(N/A)	585.99	0.031	0.02
MH-3672	587.68	(N/A)	(N/A)	(N/A)	586.53	0.061	0.04
MH-4960	587.69	585.2	585.52	(N/A)	585.1	12.167	0.3
MH-1312	587.72	586.56	586.57	(N/A)	586.56	0.574	0.07
MH-1952	587.73	586.53	(N/A)	(N/A)	586.53	0.161	0.06
MH-3719	587.73	586.58	(N/A)	(N/A)	586.35	0.063	0.02
MH-2779	587.74	586.56	(N/A)	(N/A)	586.56	0.137	0.05
MH-3232	587.74	(N/A)	(N/A)	(N/A)	586.59	0.084	0.04
MH-4507	587.75	(N/A)	(N/A)	(N/A)	586.46	0.068	0.02
MH-1413	587.75	586.51	586.35	586.48	586.26	5.032	0.17
MH-3673	587.75	586.5	(N/A)	(N/A)	586.5	0.183	0.07
MH-2956	587.78	(N/A)	(N/A)	(N/A)	586.63	0.017	0.01
MH-2666	587.79	586.64	(N/A)	(N/A)	586.64	0.128	0.03
MH-3461	587.79	586.52	(N/A)	(N/A)	586.41	1.981	0.12
MH-3507	587.79	586.47	(N/A)	(N/A)	586.47	0.296	0.08
MH-3631	587.79	586.64	(N/A)	(N/A)	586.03	0.521	0.07
MH-2977	587.81	586.22	(N/A)	(N/A)	586.22	3.279	0.16
MH-3256	587.81	586.66	(N/A)	(N/A)	586.62	0.091	0.03
MH-3508	587.82	586.44	(N/A)	(N/A)	586.44	0.372	0.06
MH-1412	587.82	586.61	(N/A)	(N/A)	586.59	0.699	0.08
MH-3045	587.82	586.65	(N/A)	(N/A)	586.65	0.097	0.03
MH-1078	587.83	586.29	(N/A)	(N/A)	586.29	9.108	0.22
MH-4066	587.83	586.68	(N/A)	(N/A)	586.68	0.243	0.05
MH-3740	587.84	586.56	(N/A)	(N/A)	586.56	0.427	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-2824	587.84	586.69	(N/A)	(N/A)	586.66	0.059	0.02
MH-2846	587.84	(N/A)	(N/A)	(N/A)	586.59	0.089	0.03
MH-3049	587.85	586.7	(N/A)	(N/A)	586.65	0.067	0.02
MH-4006	587.87	586.06	(N/A)	(N/A)	586.06	0.479	0.07
MH-2840	587.89	586.74	(N/A)	(N/A)	586.74	0.102	0.03
MH-2029	587.89	585.85	(N/A)	(N/A)	585.81	0.807	0.08
MH-1099	587.89	586.74	(N/A)	(N/A)	586.72	0.079	0.03
MH-2125	587.9	(N/A)	(N/A)	(N/A)	586.75	0.049	0.02
MH-2018	587.9	585.88	(N/A)	(N/A)	585.85	0.576	0.07
MH-3020	587.91	586.76	(N/A)	(N/A)	586.76	0.681	0.08
MH-4254	587.91	586.74	(N/A)	(N/A)	586.72	2.249	0.14
MH-3378	587.93	(N/A)	(N/A)	(N/A)	586.78	0.052	0.03
MH-3068	587.93	(N/A)	(N/A)	(N/A)	586.28	0.02	0.01
MH-1077	587.93	586.31	(N/A)	(N/A)	586.31	9.093	0.27
MH-4717	587.94	(N/A)	(N/A)	(N/A)	586.35	0.042	0.02
MH-416	587.94	586.21	586.79	(N/A)	586.21	1.617	0.12
MH-3118	587.95	(N/A)	(N/A)	(N/A)	586.75	0.014	0.01
MH-3333	587.95	586.73	586.73	(N/A)	586.73	0.45	0.07
MH-4816	587.96	(N/A)	(N/A)	(N/A)	586.81	0.079	0.03
MH-1937	587.98	586.64	(N/A)	(N/A)	586.64	0.664	0.08
MH-966	588	586.32	(N/A)	(N/A)	586.32	9.085	0.28
MH-1407	588	586.83	586.85	586.85	586.6	3.05	0.15
MH-726	588	586.56	586.81	(N/A)	586.56	3.132	0.16
MH-3315	588.01	586.83	(N/A)	(N/A)	586.83	0.044	0.02
MH-3314	588.01	(N/A)	(N/A)	(N/A)	586.86	0.019	0.02
MH-5015	588.02	586.87	586.71	(N/A)	586.71	0.294	0.05
MH-3077	588.02	586.87	(N/A)	(N/A)	586.87	0.105	0.03
MH-2384	588.02	586.87	(N/A)	(N/A)	586.63	0.029	0.02
MH-415	588.03	586.88	(N/A)	(N/A)	586.88	0.073	0.03
MH-4132	588.04	(N/A)	(N/A)	(N/A)	586.89	0.011	0.02
MH-727	588.05	586.52	(N/A)	(N/A)	586.52	3.155	0.16
MH-3739	588.05	586.82	(N/A)	(N/A)	586.82	0.386	0.06
MH-2838	588.05	586.9	(N/A)	(N/A)	586.7	0.037	0.02
MH-2576	588.05	586.9	(N/A)	(N/A)	586.9	0.655	0.08
MH-1255	588.07	(N/A)	(N/A)	(N/A)	586.92	0.011	0.01
MH-4597	588.08	586.93	(N/A)	(N/A)	586.24	0.106	0.03
MH-3360	588.08	(N/A)	(N/A)	(N/A)	586.93	0.031	0.02
MH-2586	588.09	586.94	(N/A)	(N/A)	586.94	0.072	0.03
MH-1100	588.11	(N/A)	(N/A)	(N/A)	586.93	0.067	0.02
MH-4605	588.12	(N/A)	(N/A)	(N/A)	586.97	0.017	0.02
MH-1854	588.12	(N/A)	(N/A)	(N/A)	586.97	0.022	0.02
MH-965	588.12	586.34	(N/A)	(N/A)	586.34	9.078	0.29
MH-1566	588.12	585.98	586.28	(N/A)	585.96	0.794	0.08
MH-1987	588.13	(N/A)	(N/A)	(N/A)	586.98	0.042	0.02
MH-2039	588.13	(N/A)	(N/A)	(N/A)	586.98	0.014	0.02
MH-4691	588.14	(N/A)	(N/A)	(N/A)	586.99	0.121	0.03
MH-4583	588.15	587	(N/A)	(N/A)	587	0.091	0.03
MH-441	588.15	587	(N/A)	(N/A)	587	0.085	0.03
MH-4448	588.15	(N/A)	(N/A)	(N/A)	586.88	0.021	0.01
MH-2079	588.15	586.75	(N/A)	(N/A)	586.75	0.072	0.04
MH-3140	588.16	586.76	(N/A)	(N/A)	586.65	4.164	0.16

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MH-1771	588.17	587.02	(N/A)	(N/A)	587.02	0.076	0.03
MH-2597	588.18	587.03	(N/A)	(N/A)	586.88	0.513	0.07
MH-2829	588.18	(N/A)	(N/A)	(N/A)	586.98	0.044	0.02
MH-3237	588.2	586.97	(N/A)	(N/A)	586.97	0.412	0.06
MH-3977	588.2	587.05	(N/A)	(N/A)	587.05	0.221	0.07
MH-3423	588.21	(N/A)	(N/A)	(N/A)	587.06	0.025	0.02
MH-2575	588.23	587.08	(N/A)	(N/A)	587.08	0.629	0.08
MH-2760	588.23	586.96	(N/A)	(N/A)	586.81	1.948	0.12
MH-2217	588.24	587.09	(N/A)	(N/A)	586.72	0.097	0.03
MH-3718	588.24	(N/A)	(N/A)	(N/A)	586.89	0.028	0.02
MH-440	588.25	587.1	(N/A)	(N/A)	587.1	0.077	0.03
MH-1906	588.27	587.12	(N/A)	(N/A)	587.12	0.173	0.04
MH-4815	588.27	(N/A)	(N/A)	(N/A)	586.9	0.024	0.01
MH-3521	588.27	587.12	(N/A)	(N/A)	587.12	0.343	0.06
MH-326	588.27	587.12	(N/A)	(N/A)	586.57	0.626	0.08
MH-3076	588.27	587.08	(N/A)	(N/A)	587.08	0.081	0.03
MH-722	588.27	586.94	(N/A)	(N/A)	586.94	0.043	0.03
MH-2484	588.28	587.13	(N/A)	(N/A)	587.13	0.056	0.02
MH-2142	588.28	587.11	(N/A)	(N/A)	587.11	0.052	0.02
MH-2141	588.28	(N/A)	(N/A)	(N/A)	587.13	0.026	0.02
MH-2679	588.29	587.12	(N/A)	(N/A)	587.12	0.053	0.03
MH-2027	588.29	587.12	(N/A)	(N/A)	587.12	0.03	0.02
MH-3424	588.29	587.03	(N/A)	(N/A)	587.03	0.065	0.04
MH-2026	588.3	(N/A)	(N/A)	(N/A)	587.15	0.015	0.02
MH-2678	588.3	(N/A)	(N/A)	(N/A)	587.15	0.024	0.02
MH-2040	588.31	586.95	(N/A)	(N/A)	586.95	0.036	0.03
MH-2275	588.31	587.16	587.16	(N/A)	586.79	0.204	0.04
MH-2080	588.32	586.42	586.72	(N/A)	586.37	9.066	0.3
MH-3650	588.33	586.86	(N/A)	(N/A)	586.86	0.033	0.03
MH-2976	588.34	586.28	(N/A)	(N/A)	586.28	3.211	0.16
MH-3394	588.35	(N/A)	(N/A)	(N/A)	587.2	0.017	0.01
MH-1565	588.35	586.38	587.2	(N/A)	586.38	0.729	0.08
MH-2564	588.35	587.2	(N/A)	(N/A)	586.31	0.036	0.02
MH-325	588.38	587.2	(N/A)	(N/A)	587.2	0.598	0.08
MH-3482	588.39	587	(N/A)	(N/A)	587	0.106	0.05
MH-834	588.39	587.24	(N/A)	(N/A)	587.05	0.197	0.04
MH-2178	588.41	587.26	587.26	(N/A)	587.26	0.605	0.08
MH-2547	588.42	586.92	(N/A)	(N/A)	586.92	0.035	0.02
MH-1307	588.43	587.26	(N/A)	(N/A)	587.26	0.035	0.03
MH-1288	588.43	587.28	(N/A)	(N/A)	587.28	0.025	0.02
MH-3236	588.43	587.23	(N/A)	(N/A)	587.23	0.373	0.06
MH-4223	588.45	587.3	(N/A)	(N/A)	587.3	0.039	0.02
MH-3355	588.45	587.3	(N/A)	(N/A)	587	0.052	0.02
MH-1905	588.46	587.31	587.31	(N/A)	587.31	0.142	0.04
MH-1940	588.46	587.31	587.31	(N/A)	587.29	0.552	0.07
MH-3473	588.47	586.97	(N/A)	(N/A)	586.97	0.146	0.06
MH-3520	588.49	587.34	(N/A)	(N/A)	587.34	0.3	0.05
MH-2612	588.5	587.35	(N/A)	(N/A)	587.35	0.064	0.02
MH-4255	588.5	(N/A)	(N/A)	(N/A)	587.35	0.024	0.02
MH-1806	588.51	586.92	(N/A)	(N/A)	586.92	0.055	0.02
MH-2358	588.51	586.61	(N/A)	(N/A)	586.61	8.978	0.22

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MH-386	588.51	586.3	587.36	(N/A)	586.3	1.53	0.11
MH-4818	588.52	(N/A)	(N/A)	(N/A)	587.17	0.074	0.03
MH-2483	588.52	(N/A)	(N/A)	(N/A)	587.37	0.033	0.02
MH-4081	588.53	(N/A)	(N/A)	(N/A)	587.38	0.026	0.02
MH-64	588.53	587.24	(N/A)	(N/A)	587.24	0.043	0.02
MH-691	588.54	586.75	587.39	(N/A)	586.72	0.583	0.07
MH-4116	588.55	(N/A)	(N/A)	(N/A)	587.34	0.041	0.02
MH-2741	588.55	(N/A)	(N/A)	(N/A)	587.4	0.016	0.01
MH-234	588.55	587.4	(N/A)	(N/A)	587.4	0.051	0.04
MH-1287	588.56	(N/A)	(N/A)	(N/A)	587.41	0.014	0.01
MH-2177	588.56	587.41	(N/A)	(N/A)	587.41	0.089	0.03
MH-68	588.56	587.39	(N/A)	(N/A)	587.39	0.058	0.05
MH-249	588.57	587.42	(N/A)	(N/A)	587.42	0.042	0.03
MH-3449	588.57	586.94	(N/A)	(N/A)	586.94	0.177	0.06
MH-65	588.58	587.2	587.2	(N/A)	587.2	0.452	0.07
MH-3220	588.58	586.35	(N/A)	(N/A)	586.35	3.146	0.16
MH-385	588.59	587.44	(N/A)	(N/A)	587.44	0.062	0.02
MH-2360	588.59	(N/A)	(N/A)	(N/A)	587.44	0.03	0.02
MH-2	588.6	587.38	587.38	587.38	587.38	0.396	0.06
MH-690	588.6	587.45	(N/A)	(N/A)	587.45	0.059	0.03
MH-1	588.6	587.45	(N/A)	(N/A)	587.45	0.05	0.02
MH-1379	588.61	587.08	587.46	587.08	587.06	0.536	0.07
MH-3525	588.63	587.36	(N/A)	(N/A)	587.36	0.566	0.07
MH-677	588.63	586.83	(N/A)	(N/A)	586.83	0.05	0.03
MH-282	588.64	587.49	(N/A)	(N/A)	587.49	0.034	0.02
MH-4838	588.65	587.5	587.5	(N/A)	587.47	1.487	0.12
MH-3783	588.65	587.5	(N/A)	(N/A)	587.5	0.147	0.04
MH-4462	588.65	(N/A)	(N/A)	(N/A)	587.5	0.025	0.02
MH-3258	588.65	(N/A)	(N/A)	(N/A)	587.5	0.044	0.02
MH-1462	588.65	586.6	587.5	(N/A)	586.6	0.623	0.07
MH-1463	588.65	586.49	587.5	(N/A)	586.49	0.678	0.08
MH-2359	588.66	586.63	(N/A)	(N/A)	586.63	8.965	0.28
MH-4961	588.66	585.69	587.14	(N/A)	585.69	11.476	0.25
MH-1556	588.66	587.51	586.91	586.88	586.88	0.645	0.08
MH-423	588.67	587.32	587.52	(N/A)	587.32	0.493	0.07
MH-3469	588.67	587.52	(N/A)	(N/A)	587.52	0.333	0.06
MH-2385	588.67	(N/A)	(N/A)	(N/A)	587.16	0.013	0.01
MH-1445	588.67	587.52	586.75	586.77	586.75	0.759	0.08
MH-593	588.68	587.53	586.91	(N/A)	586.89	0.611	0.07
MH-1968	588.68	587.53	(N/A)	(N/A)	587.43	0.051	0.02
MH-4099	588.68	587.53	(N/A)	(N/A)	587.53	0.32	0.06
MH-1376	588.68	586.86	(N/A)	(N/A)	586.86	0.512	0.07
MH-594	588.69	586.81	(N/A)	(N/A)	586.81	0.632	0.07
MH-3012	588.7	587.55	(N/A)	(N/A)	587.55	0.065	0.03
MH-1446	588.7	587.55	586.65	586.68	586.61	0.851	0.08
MH-1175	588.7	587.55	(N/A)	(N/A)	587.55	0.027	0.02
MH-2539	588.71	587.56	(N/A)	(N/A)	586.86	0.312	0.05
MH-1719	588.71	(N/A)	(N/A)	(N/A)	587.56	0.123	0.03
MH-1941	588.71	586.41	587.11	(N/A)	586.41	3.754	0.18
MH-3139	588.71	587.31	(N/A)	(N/A)	587.06	4.136	0.15
MH-2718	588.72	587.26	(N/A)	(N/A)	587.26	1.908	0.12

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-2389	588.72	587.57	(N/A)	(N/A)	587.57	0.041	0.02
MH-1411	588.73	587.58	(N/A)	(N/A)	587.58	0.044	0.04
MH-1405	588.73	587.56	587.56	587.56	587.56	0.279	0.05
MH-2594	588.75	587.04	(N/A)	(N/A)	587.04	0.495	0.07
MH-1176	588.75	(N/A)	(N/A)	(N/A)	587.6	0.015	0.01
MH-3626	588.75	587.6	(N/A)	(N/A)	587.6	0.257	0.05
MH-2970	588.76	587.61	(N/A)	(N/A)	587.61	0.045	0.02
MH-4477	588.77	587.62	587.62	(N/A)	587.19	1.463	0.12
MH-4518	588.77	(N/A)	(N/A)	(N/A)	587.62	0.081	0.03
MH-3842	588.77	(N/A)	(N/A)	(N/A)	586.95	0.389	0.06
MH-678	588.78	586.82	586.52	(N/A)	586.52	0.915	0.08
MH-2180	588.78	587.6	(N/A)	(N/A)	587.6	0.038	0.02
MH-4670	588.78	587.05	587.31	(N/A)	586.78	8.94	0.33
MH-378	588.79	587.64	(N/A)	(N/A)	587.64	0.024	0.01
MH-3927	588.79	587.64	(N/A)	(N/A)	587.64	0.048	0.02
MH-2814	588.8	(N/A)	(N/A)	(N/A)	587.65	0.026	0.02
MH-1119	588.8	587.65	(N/A)	(N/A)	587.65	0.023	0.02
MH-3978	588.8	587.65	(N/A)	(N/A)	587.36	0.188	0.04
MH-3268	588.81	(N/A)	(N/A)	(N/A)	587.66	0.041	0.04
MH-2188	588.81	587.53	(N/A)	(N/A)	587.53	0.5	0.07
MH-1521	588.82	587.67	(N/A)	(N/A)	587.67	0.033	0.02
MH-1241	588.82	587.67	(N/A)	(N/A)	587.44	0.136	0.04
MH-4538	588.82	587.37	(N/A)	(N/A)	587.37	8.269	0.29
MH-1507	588.82	587.67	(N/A)	(N/A)	587.67	0.028	0.02
MH-1642	588.83	587.68	(N/A)	(N/A)	587.68	0.04	0.02
MH-1967	588.84	(N/A)	(N/A)	(N/A)	587.69	0.039	0.02
MH-3340	588.84	586.41	(N/A)	(N/A)	586.41	3.082	0.15
MH-725	588.85	586.36	(N/A)	(N/A)	586.36	1.445	0.11
MH-2356	588.85	587.7	(N/A)	(N/A)	587.7	0.034	0.02
MH-4528	588.86	587	587.71	(N/A)	585.74	0.465	0.07
MH-4627	588.87	587.47	587.72	587.47	587.03	9.947	0.25
MH-3897	588.88	587.54	(N/A)	(N/A)	587.54	0.52	0.07
MH-3511	588.88	587.73	(N/A)	(N/A)	587.52	0.425	0.06
MH-422	588.88	587.73	(N/A)	(N/A)	587.65	0.45	0.07
MH-1118	588.88	(N/A)	(N/A)	(N/A)	587.73	0.009	0.01
MH-3782	588.89	587.74	(N/A)	(N/A)	587.74	0.086	0.03
MH-4455	588.89	(N/A)	(N/A)	(N/A)	587.74	0.027	0.02
MH-4277	588.89	587.74	(N/A)	(N/A)	587.74	0.065	0.04
MH-236	588.9	587.75	(N/A)	(N/A)	587.75	0.015	0.01
MH-3443	588.9	586.47	(N/A)	(N/A)	586.47	3.021	0.15
MH-3451	588.9	(N/A)	(N/A)	(N/A)	587.75	0.017	0.01
MH-2946	588.91	587.59	(N/A)	(N/A)	587.59	0.29	0.07
MH-1883	588.91	587.76	(N/A)	(N/A)	587.76	0.041	0.02
MH-1593	588.92	587.77	(N/A)	(N/A)	587.77	0.041	0.02
MH-1292	588.92	586.4	(N/A)	(N/A)	586.4	0.95	0.09
MH-3402	588.94	(N/A)	(N/A)	(N/A)	587.79	0.044	0.03
MH-1520	588.95	(N/A)	(N/A)	(N/A)	587.8	0.014	0.01
MH-724	588.96	586.4	(N/A)	(N/A)	586.4	1.433	0.11
MH-1404	588.96	587.7	587.81	(N/A)	587.7	0.173	0.04
MH-4145	588.96	(N/A)	(N/A)	(N/A)	587.81	0.084	0.05
MH-1508	588.96	587.81	(N/A)	(N/A)	587.81	0.044	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-4412	588.96	587.81	587.71	(N/A)	587.71	0.171	0.04
MH-4741	588.97	(N/A)	(N/A)	(N/A)	587.82	0.069	0.03
MH-1718	588.97	587.57	(N/A)	(N/A)	587.57	4.065	0.18
MH-2149	588.97	(N/A)	(N/A)	(N/A)	587.82	0.013	0.01
MH-4056	588.98	587.78	(N/A)	(N/A)	587.78	0.183	0.07
MH-3926	588.98	(N/A)	(N/A)	(N/A)	587.83	0.026	0.02
MH-3128	588.99	(N/A)	(N/A)	(N/A)	587.84	0.036	0.03
MH-235	588.99	(N/A)	(N/A)	(N/A)	587.84	0.007	0.01
MH-411	588.99	587.22	(N/A)	(N/A)	587.22	0.523	0.07
MH-4050	589	587.74	(N/A)	(N/A)	587.74	0.282	0.08
MH-1237	589	587.85	587.62	(N/A)	587.62	0.236	0.07
MH-3044	589	587.26	(N/A)	(N/A)	587.26	0.46	0.07
MH-3826	589	(N/A)	(N/A)	(N/A)	587.85	0.045	0.03
MH-4537	589	587.85	587.55	(N/A)	587.55	8.225	0.21
MH-4546	589	(N/A)	(N/A)	(N/A)	587.85	0.024	0.02
MH-1293	589.01	586.32	587.21	586.36	586.14	5.058	0.24
MH-3934	589.01	587.86	(N/A)	(N/A)	587.86	0.035	0.03
MH-2517	589.01	587.86	(N/A)	(N/A)	587.86	0.214	0.04
MH-4153	589.01	587.86	(N/A)	(N/A)	587.4	0.078	0.03
MH-4029	589.01	(N/A)	(N/A)	(N/A)	587.86	0.022	0.02
MH-3796	589.01	587.35	(N/A)	(N/A)	587.35	0.047	0.03
MH-943	589.01	587.86	(N/A)	(N/A)	587.86	0.057	0.03
MH-1720	589.02	587.87	(N/A)	(N/A)	587.76	0.416	0.06
MH-3564	589.02	587.71	(N/A)	(N/A)	587.71	0.376	0.06
MH-3974	589.03	(N/A)	(N/A)	(N/A)	587.88	0.031	0.02
MH-3896	589.04	587.73	(N/A)	(N/A)	587.73	0.472	0.07
MH-3248	589.04	587.51	(N/A)	(N/A)	587.51	0.405	0.06
MH-944	589.04	587.89	587.85	587.02	587.02	2.857	0.15
MH-1366	589.04	587.89	(N/A)	(N/A)	587.89	0.235	0.07
MH-3500	589.04	587.45	(N/A)	(N/A)	587.45	0.466	0.07
MH-4547	589.04	587.81	(N/A)	(N/A)	587.81	0.048	0.03
MH-3933	589.05	(N/A)	(N/A)	(N/A)	587.9	0.018	0.02
MH-1959	589.05	586.64	(N/A)	(N/A)	586.64	1.393	0.12
MH-4362	589.05	(N/A)	(N/A)	(N/A)	587.9	0.013	0.01
MH-2165	589.06	(N/A)	(N/A)	(N/A)	587.91	0.012	0.02
MH-1882	589.06	(N/A)	(N/A)	(N/A)	587.91	0.02	0.01
MH-4276	589.06	(N/A)	(N/A)	(N/A)	587.91	0.025	0.02
MH-4514	589.06	(N/A)	(N/A)	(N/A)	587.91	0.011	0.02
MH-1924	589.07	587.82	(N/A)	(N/A)	587.82	0.098	0.05
MH-1236	589.07	587.92	(N/A)	(N/A)	587.92	0.17	0.04
MH-3316	589.07	(N/A)	(N/A)	(N/A)	587.92	0.017	0.02
MH-563	589.07	587.92	587.8	586.99	586.99	2.979	0.15
MH-3625	589.08	587.93	(N/A)	(N/A)	587.93	0.04	0.03
MH-697	589.08	587.78	587.07	587.93	587.07	2.746	0.14
MH-2448	589.09	587.94	(N/A)	(N/A)	587.86	0.262	0.05
MH-2316	589.09	587.94	(N/A)	(N/A)	587.94	0.039	0.02
MH-2347	589.1	587.95	(N/A)	(N/A)	587.95	0.203	0.06
MH-1503	589.1	587.89	(N/A)	(N/A)	587.89	0.059	0.04
MH-1340	589.1	587.95	587.95	(N/A)	587.72	0.387	0.06
MH-1780	589.1	587.82	(N/A)	(N/A)	587.82	0.056	0.03
MH-3735	589.1	(N/A)	(N/A)	(N/A)	587.95	0.018	0.02

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MH-4290	589.1	587.95	(N/A)	(N/A)	587.95	0.058	0.03
MH-4187	589.1	(N/A)	(N/A)	(N/A)	587.95	0.024	0.01
MH-91	589.11	587.96	587.96	(N/A)	587.96	0.432	0.06
MH-4582	589.11	587.96	(N/A)	(N/A)	587.42	0.075	0.03
MH-2872	589.11	586.54	(N/A)	(N/A)	586.54	2.938	0.15
MH-1354	589.11	587.96	(N/A)	(N/A)	587.96	0.101	0.05
MH-4515	589.11	587.87	(N/A)	(N/A)	587.87	0.03	0.03
MH-3129	589.11	587.81	(N/A)	(N/A)	587.81	0.06	0.04
MH-3624	589.11	(N/A)	(N/A)	(N/A)	587.96	0.019	0.02
MH-1365	589.12	587.87	(N/A)	(N/A)	587.87	0.259	0.08
MH-1583	589.12	587.79	587.97	(N/A)	587.79	0.35	0.06
MH-1504	589.12	587.87	587.87	(N/A)	587.87	0.142	0.06
MH-1804	589.12	586.1	587.79	(N/A)	586.1	5.208	0.24
MH-1958	589.13	586.71	(N/A)	(N/A)	586.71	1.374	0.11
MH-506	589.13	587.31	(N/A)	(N/A)	587.31	0.066	0.04
MH-4647	589.13	(N/A)	(N/A)	(N/A)	587.98	0.016	0.02
MH-2355	589.13	(N/A)	(N/A)	(N/A)	587.98	0.008	0.01
MH-3498	589.13	586.55	(N/A)	(N/A)	586.5	1.416	0.1
MH-3916	589.13	587.98	(N/A)	(N/A)	587.98	0.377	0.06
MH-2430	589.14	(N/A)	(N/A)	(N/A)	587.99	0.01	0.01
MH-2516	589.14	587.99	(N/A)	(N/A)	587.99	0.169	0.04
MH-3859	589.14	587.99	(N/A)	(N/A)	587.99	0.04	0.03
MH-696	589.15	587.24	587.84	588	587.11	2.625	0.14
MH-1006	589.15	587.01	(N/A)	(N/A)	587.01	1.268	0.11
MH-2954	589.15	588	(N/A)	(N/A)	588	0.152	0.04
MH-2871	589.15	586.6	(N/A)	(N/A)	586.6	2.848	0.15
MH-1244	589.16	(N/A)	(N/A)	(N/A)	588.01	0.015	0.02
MH-3915	589.16	588.01	(N/A)	(N/A)	588.01	0.304	0.08
MH-2315	589.17	(N/A)	(N/A)	(N/A)	588.02	0.019	0.02
MH-4225	589.17	588.02	(N/A)	(N/A)	588.02	0.047	0.03
MH-3992	589.17	(N/A)	(N/A)	(N/A)	588.02	0.024	0.02
MH-3483	589.17	586.66	(N/A)	(N/A)	586.66	2.755	0.14
MH-3420	589.17	587.84	(N/A)	(N/A)	587.84	0.176	0.06
MH-2431	589.17	587.96	(N/A)	(N/A)	587.96	0.026	0.02
MH-3557	589.17	588.02	(N/A)	(N/A)	588.02	0.154	0.05
MH-4813	589.18	(N/A)	(N/A)	(N/A)	588.03	0.078	0.03
MH-507	589.18	587.3	587.07	(N/A)	587.07	1.233	0.11
MH-1713	589.18	588.03	(N/A)	(N/A)	588.03	0.071	0.03
MH-3858	589.18	(N/A)	(N/A)	(N/A)	588.03	0.019	0.02
MH-4476	589.18	588.03	588.03	(N/A)	587.99	0.156	0.04
MH-4124	589.18	586.81	(N/A)	(N/A)	586.81	1.341	0.11
MH-76	589.19	588.04	(N/A)	(N/A)	588.04	0.196	0.05
MH-479	589.19	588.04	586.96	(N/A)	586.96	3.099	0.15
MH-3147	589.2	586.72	(N/A)	(N/A)	586.72	2.672	0.14
MH-1582	589.2	587.81	587.81	(N/A)	587.81	0.256	0.07
MH-1017	589.2	587.86	(N/A)	(N/A)	587.86	0.126	0.03
MH-2717	589.21	587.37	(N/A)	(N/A)	587.37	1.864	0.12
MH-3135	589.21	588.04	(N/A)	(N/A)	588.04	0.089	0.04
MH-2643	589.21	588.03	(N/A)	(N/A)	588.03	0.057	0.02
MH-2644	589.21	588.06	(N/A)	(N/A)	588.06	0.035	0.03
MH-2541	589.21	588.06	(N/A)	(N/A)	588.06	0.034	0.03

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MH-1816	589.21	(N/A)	(N/A)	(N/A)	588.06	0.014	0.02
MH-2197	589.21	587.92	(N/A)	(N/A)	587.92	0.042	0.03
MH-3298	589.22	587.82	(N/A)	(N/A)	587.61	4.091	0.15
MH-2569	589.22	588.07	(N/A)	(N/A)	588.07	0.048	0.03
MH-1794	589.22	588.07	(N/A)	(N/A)	588.07	0.209	0.05
MH-4022	589.23	(N/A)	(N/A)	(N/A)	588.08	0.052	0.03
MH-1547	589.23	587.16	587.84	(N/A)	587.16	1.149	0.1
MH-3295	589.23	588.07	(N/A)	(N/A)	588.07	0.056	0.03
MH-478	589.23	588.08	(N/A)	(N/A)	588.08	0.097	0.03
MH-3556	589.24	588.09	(N/A)	(N/A)	588.09	0.101	0.04
MH-1817	589.24	588.04	(N/A)	(N/A)	588.04	0.034	0.03
MH-1574	589.24	588.09	587.89	587.27	587.27	2.535	0.16
MH-2540	589.25	(N/A)	(N/A)	(N/A)	588.1	0.018	0.02
MH-1147	589.25	588.1	(N/A)	(N/A)	588.03	0.025	0.01
MH-2216	589.25	586.92	(N/A)	(N/A)	586.92	1.3	0.11
MH-3282	589.25	(N/A)	(N/A)	(N/A)	588.1	0.012	0.02
MH-3257	589.25	(N/A)	(N/A)	(N/A)	588.1	0.014	0.02
MH-3433	589.25	(N/A)	(N/A)	(N/A)	588.1	0.022	0.02
MH-2817	589.25	586.9	(N/A)	(N/A)	586.78	2.601	0.14
MH-4581	589.25	(N/A)	(N/A)	(N/A)	588.1	0.039	0.02
MH-3312	589.25	587.76	(N/A)	(N/A)	587.76	0.099	0.05
MH-4064	589.26	(N/A)	(N/A)	(N/A)	588.11	0.023	0.02
MH-3980	589.26	(N/A)	(N/A)	(N/A)	588.11	0.127	0.04
MH-2796	589.26	588.01	(N/A)	(N/A)	588.01	0.123	0.05
MH-4065	589.26	588.07	(N/A)	(N/A)	588.07	0.049	0.02
MH-4042	589.27	586.06	587.75	(N/A)	586.06	5.632	0.25
MH-1546	589.27	587.25	(N/A)	(N/A)	587.25	0.857	0.08
MH-730	589.27	587.78	(N/A)	(N/A)	587.78	0.076	0.05
MH-3703	589.28	587.83	(N/A)	(N/A)	587.83	0.047	0.03
MH-2351	589.28	588.01	(N/A)	(N/A)	588.01	0.054	0.03
MH-1658	589.28	588.13	(N/A)	(N/A)	588.13	0.168	0.04
MH-2243	589.28	588.13	(N/A)	(N/A)	588.13	0.034	0.02
MH-2185	589.29	587.98	(N/A)	(N/A)	587.98	0.152	0.06
MH-4719	589.29	(N/A)	(N/A)	(N/A)	588.14	0.049	0.02
MH-4023	589.29	588.04	(N/A)	(N/A)	588.04	0.106	0.05
MH-1410	589.3	586.96	587.95	(N/A)	586.96	2.536	0.16
MH-1573	589.31	588.16	587.98	587.32	587.32	2.445	0.16
MH-3555	589.31	(N/A)	(N/A)	(N/A)	588.16	0.047	0.02
MH-4005	589.32	(N/A)	(N/A)	(N/A)	588.17	0.018	0.02
MH-2345	589.32	588.17	(N/A)	(N/A)	588.17	0.092	0.03
MH-1332	589.32	587.78	585.72	(N/A)	585.72	10.933	0.32
MH-2987	589.33	588.13	588.13	(N/A)	588.13	0.393	0.06
MH-4012	589.33	587.42	(N/A)	(N/A)	587.38	0.818	0.08
MH-2466	589.33	588.16	(N/A)	(N/A)	588.16	0.068	0.03
MH-2465	589.34	(N/A)	(N/A)	(N/A)	588.19	0.032	0.03
MH-2693	589.34	(N/A)	(N/A)	(N/A)	588.19	0.032	0.03
MH-4352	589.34	587.93	(N/A)	(N/A)	587.93	0.039	0.03
MH-4730	589.35	587.51	587.51	588.2	587.49	0.6	0.07
MH-1249	589.35	588.2	(N/A)	(N/A)	588.2	0.138	0.04
MH-1409	589.35	587.01	(N/A)	(N/A)	587.01	2.343	0.16
MH-3562	589.35	588.2	(N/A)	(N/A)	588.2	0.048	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-2160	589.35	588.2	(N/A)	(N/A)	588.18	0.048	0.02
MH-2288	589.35	588.2	(N/A)	(N/A)	588.2	0.299	0.07
MH-731	589.36	588.1	587.76	(N/A)	587.76	0.477	0.07
MH-3875	589.36	588.21	(N/A)	(N/A)	588.21	0.077	0.04
MH-3736	589.36	587.92	(N/A)	(N/A)	587.92	0.038	0.03
MH-2538	589.36	588.21	(N/A)	(N/A)	587.85	0.247	0.05
MH-2692	589.36	588.16	(N/A)	(N/A)	588.16	0.061	0.04
MH-4285	589.37	586.03	588.01	(N/A)	586.03	5.784	0.26
MH-1171	589.37	588.03	588.22	(N/A)	588.03	0.426	0.06
MH-908	589.38	588.23	(N/A)	(N/A)	588.23	0.172	0.04
MH-4077	589.38	(N/A)	(N/A)	(N/A)	588.23	0.038	0.03
MH-2442	589.38	(N/A)	(N/A)	(N/A)	588.23	0.027	0.02
MH-3538	589.38	588.23	588.23	(N/A)	588.03	0.375	0.06
MH-1673	589.38	587.37	588.23	587.9	587.37	2.324	0.15
MH-3561	589.39	(N/A)	(N/A)	(N/A)	588.24	0.029	0.02
MH-576	589.39	586.91	588.15	(N/A)	586.91	3.221	0.16
MH-2534	589.39	587.56	(N/A)	(N/A)	587.56	0.768	0.08
MH-3762	589.39	588.24	(N/A)	(N/A)	588.24	0.271	0.08
MH-3905	589.4	588.25	(N/A)	(N/A)	588.25	0.216	0.04
MH-3322	589.4	587.34	(N/A)	(N/A)	587.34	1.386	0.12
MH-3321	589.4	587.43	588.25	(N/A)	587.43	1.346	0.11
MH-1622	589.4	587.07	587.81	588.24	587.07	2.31	0.15
MH-1762	589.4	588.25	587.23	(N/A)	587.18	1.598	0.11
MH-2166	589.4	587.88	(N/A)	(N/A)	587.88	0.036	0.03
MH-349	589.41	587.94	(N/A)	(N/A)	587.94	0.111	0.05
MH-1621	589.42	588.01	(N/A)	(N/A)	588.01	0.37	0.06
MH-3947	589.42	588.27	(N/A)	(N/A)	588.27	0.051	0.03
MH-388	589.42	588.27	(N/A)	(N/A)	588.27	0.147	0.04
MH-350	589.42	587.93	(N/A)	(N/A)	587.93	0.117	0.04
MH-373	589.43	588.28	(N/A)	(N/A)	588.21	0.944	0.09
MH-3604	589.43	587.99	(N/A)	(N/A)	587.99	0.049	0.03
MH-4796	589.43	(N/A)	(N/A)	(N/A)	588.28	0.051	0.03
MH-575	589.44	588.17	(N/A)	(N/A)	588.17	0.098	0.04
MH-1983	589.44	587.85	(N/A)	(N/A)	587.85	0.057	0.03
MH-3976	589.44	588.29	(N/A)	(N/A)	588.29	0.214	0.06
MH-3911	589.45	(N/A)	(N/A)	(N/A)	588.3	0.034	0.03
MH-4192	589.45	588.3	(N/A)	(N/A)	588.3	0.11	0.03
MH-4387	589.45	588.3	587.55	(N/A)	587.55	1.095	0.1
MH-1555	589.45	588.29	588.29	(N/A)	588.29	0.317	0.09
MH-2611	589.45	588.29	(N/A)	(N/A)	588.29	0.344	0.06
MH-1331	589.45	587.8	(N/A)	(N/A)	587.8	0.066	0.04
MH-387	589.45	588.3	(N/A)	(N/A)	588.3	0.123	0.04
MH-1248	589.46	588.31	(N/A)	(N/A)	588.31	0.108	0.03
MH-4411	589.46	(N/A)	(N/A)	(N/A)	588.18	0.065	0.02
MH-4626	589.46	588.31	588.31	(N/A)	588.18	0.855	0.09
MH-3946	589.46	(N/A)	(N/A)	(N/A)	588.31	0.03	0.02
MH-1672	589.46	587.42	588.31	587.82	587.42	2.213	0.15
MH-1691	589.47	588.32	(N/A)	(N/A)	588.32	0.144	0.07
MH-2287	589.47	588.3	(N/A)	(N/A)	588.3	0.258	0.05
MH-3053	589.48	588.32	(N/A)	(N/A)	588.32	0.313	0.08
MH-2447	589.48	588.33	(N/A)	(N/A)	588.23	0.195	0.04

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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-3763	589.48	588.21	585.99	(N/A)	585.99	6.095	0.26
MH-4103	589.49	588.34	(N/A)	(N/A)	588.34	0.157	0.05
MH-1692	589.49	588.34	(N/A)	(N/A)	588.34	0.081	0.05
MH-2533	589.49	587.7	(N/A)	(N/A)	587.7	0.717	0.08
MH-372	589.49	588.34	588.12	(N/A)	588.12	1.07	0.09
MH-408	589.49	588.34	(N/A)	(N/A)	588.34	0.101	0.03
MH-1245	589.49	587.99	(N/A)	(N/A)	587.99	0.041	0.03
MH-4533	589.5	588.35	(N/A)	(N/A)	588.21	0.067	0.02
MH-4212	589.5	588.35	(N/A)	(N/A)	588.35	0.163	0.06
MH-2085	589.5	588.35	(N/A)	(N/A)	588.35	0.22	0.05
MH-1554	589.5	588.32	(N/A)	(N/A)	588.32	0.129	0.06
MH-3251	589.5	588.35	(N/A)	(N/A)	588.35	0.283	0.08
MH-3242	589.5	588.35	(N/A)	(N/A)	588.35	0.102	0.05
MH-3271	589.5	587.76	(N/A)	(N/A)	587.72	0.819	0.08
MH-3111	589.5	588.35	(N/A)	(N/A)	588.35	0.067	0.04
MH-1761	589.5	588.35	(N/A)	(N/A)	588.35	0.179	0.04
MH-2164	589.5	588.34	(N/A)	(N/A)	588.34	0.057	0.03
MH-4078	589.52	588.2	(N/A)	(N/A)	588.2	0.073	0.04
MH-4202	589.52	(N/A)	(N/A)	(N/A)	588.37	0.036	0.03
MH-2078	589.53	587.96	(N/A)	(N/A)	587.96	0.073	0.04
MH-3145	589.54	587.73	(N/A)	(N/A)	587.73	0.178	0.06
MH-3356	589.54	588.39	(N/A)	(N/A)	588.39	0.253	0.07
MH-2560	589.54	588.39	(N/A)	(N/A)	588.39	0.191	0.06
MH-63	589.55	587.48	587.93	(N/A)	587.48	2.081	0.14
MH-3249	589.55	588.4	(N/A)	(N/A)	588.4	0.07	0.03
MH-3270	589.55	587.9	(N/A)	(N/A)	587.9	0.773	0.08
MH-1146	589.55	(N/A)	(N/A)	(N/A)	588.28	0.009	0.01
MH-3537	589.55	588.4	(N/A)	(N/A)	588.4	0.104	0.04
MH-62	589.56	587.5	(N/A)	(N/A)	587.5	1.991	0.14
MH-1669	589.57	587.84	(N/A)	(N/A)	587.84	0.672	0.08
MH-2270	589.57	(N/A)	(N/A)	(N/A)	588.42	0.075	0.03
MH-1560	589.57	586.87	588.24	(N/A)	586.87	3.33	0.16
MH-4481	589.57	588.31	585.97	(N/A)	585.97	6.316	0.26
MH-2077	589.58	587.61	(N/A)	(N/A)	587.61	1.942	0.13
MH-3073	589.58	(N/A)	(N/A)	(N/A)	588.43	0.071	0.04
MH-3912	589.59	588.27	(N/A)	(N/A)	588.27	0.075	0.04
MH-3134	589.59	588.44	(N/A)	(N/A)	588.44	0.05	0.02
MH-1575	589.59	587.55	(N/A)	(N/A)	587.55	1.97	0.13
MH-139	589.59	588.44	(N/A)	(N/A)	588.44	0.071	0.03
MH-4799	589.6	(N/A)	(N/A)	(N/A)	588.45	0.049	0.03
MH-3409	589.6	588.45	(N/A)	(N/A)	588.45	0.241	0.06
MH-2563	589.6	588.45	(N/A)	(N/A)	588.45	0.039	0.03
MH-3151	589.6	588.17	(N/A)	(N/A)	588.17	0.686	0.08
MH-3085	589.6	588.45	(N/A)	(N/A)	588.45	0.149	0.04
MH-3536	589.6	(N/A)	(N/A)	(N/A)	588.45	0.052	0.03
MH-1991	589.61	588.46	(N/A)	(N/A)	588.46	0.241	0.05
MH-1203	589.61	588.46	(N/A)	(N/A)	588.46	0.421	0.06
MH-514	589.62	587.89	(N/A)	(N/A)	587.89	0.053	0.03
MH-1668	589.63	587.96	(N/A)	(N/A)	587.96	0.629	0.07
MH-4857	589.64	(N/A)	(N/A)	(N/A)	588.49	0.078	0.04
MH-2559	589.64	588.49	(N/A)	(N/A)	588.49	0.154	0.04

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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-786	589.64	588.49	588.39	(N/A)	588.39	0.912	0.1
MH-4292	589.64	588.49	587.74	(N/A)	587.74	1.893	0.13
MH-2562	589.65	(N/A)	(N/A)	(N/A)	588.5	0.008	0.01
MH-3084	589.65	588.5	(N/A)	(N/A)	588.5	0.109	0.04
MH-3392	589.65	588.03	(N/A)	(N/A)	588.03	0.733	0.08
MH-138	589.65	(N/A)	(N/A)	(N/A)	588.5	0.045	0.02
MH-2812	589.66	588.26	(N/A)	(N/A)	588.11	4.043	0.15
MH-2428	589.66	587.91	(N/A)	(N/A)	587.91	0.379	0.06
MH-1754	589.67	588.52	(N/A)	(N/A)	588.47	0.026	0.02
MH-2794	589.67	588.52	(N/A)	(N/A)	588.52	0.034	0.02
MH-4266	589.67	588.21	(N/A)	(N/A)	588.21	7.751	0.21
MH-3948	589.67	588.52	(N/A)	(N/A)	588.52	0.057	0.02
MH-4191	589.68	(N/A)	(N/A)	(N/A)	588.53	0.073	0.03
MH-2567	589.68	588.53	(N/A)	(N/A)	588.53	0.174	0.06
MH-3146	589.68	587.7	(N/A)	(N/A)	587.7	0.227	0.05
MH-1170	589.68	588.53	(N/A)	(N/A)	588.41	0.364	0.06
MH-273	589.69	587.96	(N/A)	(N/A)	587.96	0.071	0.04
MH-3110	589.69	(N/A)	(N/A)	(N/A)	588.54	0.029	0.02
MH-1899	589.7	588.05	(N/A)	(N/A)	588.05	1.092	0.1
MH-2697	589.7	(N/A)	(N/A)	(N/A)	588.55	0.031	0.03
MH-2695	589.7	588.55	(N/A)	(N/A)	588.55	0.07	0.03
MH-2761	589.7	588.32	(N/A)	(N/A)	588.32	0.625	0.07
MH-3099	589.71	587.56	587.44	(N/A)	587.44	1.828	0.13
MH-3032	589.71	588.5	(N/A)	(N/A)	588.5	0.211	0.06
MH-3702	589.71	588.56	(N/A)	(N/A)	588.56	0.13	0.03
MH-2498	589.72	588.57	(N/A)	(N/A)	588.57	0.182	0.05
MH-3495	589.72	(N/A)	(N/A)	(N/A)	588.57	0.047	0.07
MH-2795	589.72	588.57	(N/A)	(N/A)	588.57	0.019	0.02
MH-1339	589.72	588.57	(N/A)	(N/A)	588.2	0.037	0.02
MH-1898	589.72	588.26	587.99	(N/A)	587.94	1.543	0.11
MH-515	589.74	585.75	587.78	587.88	585.75	10.82	0.33
MH-3722	589.74	588.59	(N/A)	(N/A)	588.59	0.234	0.07
MH-2878	589.74	588.59	(N/A)	(N/A)	588.59	0.159	0.04
MH-3228	589.74	588.59	(N/A)	(N/A)	588.59	0.117	0.04
MH-4496	589.74	588.59	(N/A)	(N/A)	588.59	0.091	0.03
MH-1309	589.75	588.59	(N/A)	(N/A)	588.59	0.104	0.03
MH-2017	589.75	588.35	(N/A)	(N/A)	588.35	3.972	0.15
MH-4351	589.75	588.34	(N/A)	(N/A)	588.34	0.227	0.07
MH-1308	589.76	(N/A)	(N/A)	(N/A)	588.61	0.056	0.03
MH-4609	589.76	588.61	(N/A)	(N/A)	588.07	0.076	0.03
MH-2240	589.76	588.55	588.55	(N/A)	588.55	0.267	0.08
MH-2480	589.76	588.61	587.83	(N/A)	587.83	1.656	0.12
MH-2662	589.77	588.4	(N/A)	(N/A)	588.4	0.13	0.05
MH-787	589.77	588.57	(N/A)	(N/A)	588.57	0.412	0.06
MH-3613	589.78	588.63	(N/A)	(N/A)	588.63	0.167	0.06
MH-2877	589.78	588.63	(N/A)	(N/A)	588.63	0	0
MH-4265	589.78	588.33	588.63	(N/A)	588.33	7.693	0.21
MH-1538	589.79	588.64	(N/A)	(N/A)	588.64	0.398	0.06
MH-274	589.79	588.64	587.95	585.77	585.77	10.227	0.34
MH-2514	589.79	(N/A)	(N/A)	(N/A)	588.64	0.097	0.05
MH-3496	589.79	588.54	(N/A)	(N/A)	588.54	0.31	0.08

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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-2694	589.8	(N/A)	(N/A)	(N/A)	588.65	0.031	0.02
MH-2762	589.8	588.51	(N/A)	(N/A)	588.49	0.556	0.07
MH-2496	589.8	588.65	(N/A)	(N/A)	588.65	0.1	0.03
MH-3299	589.81	(N/A)	(N/A)	(N/A)	588.66	0.047	0.03
MH-2028	589.81	586.81	585.9	588.56	585.8	9.94	0.34
MH-2663	589.81	588.37	(N/A)	(N/A)	588.37	0.185	0.06
MH-3612	589.82	588.67	(N/A)	(N/A)	588.67	0.106	0.04
MH-394	589.83	588.22	(N/A)	(N/A)	588.19	0.572	0.07
MH-2184	589.83	588.68	(N/A)	(N/A)	588.68	0.143	0.04
MH-2479	589.83	588.68	(N/A)	(N/A)	588.68	0.07	0.03
MH-4108	589.83	588.51	(N/A)	(N/A)	588.51	0.375	0.06
MH-3347	589.84	(N/A)	(N/A)	(N/A)	588.69	0.083	0.03
MH-3320	589.85	(N/A)	(N/A)	(N/A)	588.7	0.006	0.01
MH-2566	589.85	588.7	(N/A)	(N/A)	588.7	0.137	0.04
MH-3784	589.85	(N/A)	(N/A)	(N/A)	588.7	0.076	0.04
MH-3676	589.85	588.67	(N/A)	(N/A)	588.67	0.137	0.05
MH-2167	589.86	588.18	588.18	(N/A)	588.18	0.341	0.06
MH-4002	589.86	(N/A)	(N/A)	(N/A)	588.71	0.046	0.03
MH-393	589.86	588.29	(N/A)	(N/A)	588.29	0.524	0.07
MH-3202	589.87	(N/A)	(N/A)	(N/A)	588.72	0	0
MH-3616	589.87	588.72	(N/A)	(N/A)	588.63	0.128	0.03
MH-4151	589.88	588.23	(N/A)	(N/A)	588.23	0.441	0.06
MH-3301	589.88	(N/A)	(N/A)	(N/A)	588.73	0.482	0.07
MH-2698	589.89	588.52	(N/A)	(N/A)	588.52	0.051	0.03
MH-4174	589.89	(N/A)	(N/A)	(N/A)	588.74	0.039	0.02
MH-2993	589.9	(N/A)	(N/A)	(N/A)	588.75	0.102	0.04
MH-2515	589.91	588.61	(N/A)	(N/A)	588.61	0.178	0.06
MH-3835	589.91	588.76	(N/A)	(N/A)	588.76	0.184	0.04
MH-935	589.91	588.76	588.76	(N/A)	588.35	0.34	0.06
MH-2016	589.91	588.51	(N/A)	(N/A)	588.51	3.843	0.15
MH-4152	589.92	587.99	(N/A)	(N/A)	587.99	0.51	0.07
MH-4495	589.92	(N/A)	(N/A)	(N/A)	588.77	0.036	0.02
MH-2183	589.94	(N/A)	(N/A)	(N/A)	588.79	0.106	0.03
MH-3652	589.95	588.79	(N/A)	(N/A)	588.79	0.132	0.05
MH-1851	589.96	588.81	588.81	(N/A)	588.63	0.251	0.05
MH-2036	589.97	588.82	(N/A)	(N/A)	588.82	0.033	0.02
MH-1753	589.97	(N/A)	(N/A)	(N/A)	588.75	0.01	0.01
MH-3651	589.99	588.82	(N/A)	(N/A)	588.82	0.084	0.04
MH-954	589.99	588.42	(N/A)	(N/A)	588.42	0.491	0.07
MH-3923	589.99	588.84	(N/A)	(N/A)	588.84	0.373	0.06
MH-4711	589.99	588.84	588.34	(N/A)	588.34	0.27	0.05
MH-4371	590	588.85	588.85	(N/A)	588.59	0.093	0.03
MH-2239	590	588.64	(N/A)	(N/A)	588.64	0.187	0.05
MH-3802	590	(N/A)	(N/A)	(N/A)	588.85	0.037	0.03
MH-5013	590.01	588.86	(N/A)	(N/A)	588.86	0.138	0.04
MH-4608	590.02	588.87	(N/A)	(N/A)	588.87	0.042	0.02
MH-1724	590.03	588.88	(N/A)	(N/A)	588.87	0.374	0.06
MH-1993	590.03	588.58	(N/A)	(N/A)	588.58	0.252	0.07
MH-2168	590.05	588.35	588.35	(N/A)	588.35	0.232	0.07
MH-3701	590.07	(N/A)	(N/A)	(N/A)	588.87	0.061	0.02
MH-3855	590.07	(N/A)	(N/A)	(N/A)	588.52	0.18	0.04