

Design Settings

Rainfall Methodology	FEH-22	Minimum Velocity (m/s)	1.00
Return Period (years)	30	Connection Type	Level Soffits
Additional Flow (%)	0	Minimum Backdrop Height (m)	1.000
CV	0.950	Preferred Cover Depth (m)	0.500
Time of Entry (mins)	5.00	Include Intermediate Ground	✓
Maximum Time of Concentration (mins)	30.00	Enforce best practice design rules	x
Maximum Rainfall (mm/hr)	50.0		

Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.000	8.984	25.7	100	Circular	106.000	105.400	0.500	105.650	105.050	0.500
1.001	4.335	12.4	100	Circular	105.650	105.050	0.500	105.300	104.700	0.500
1.002	15.611	22.3	100	Circular	105.300	104.700	0.500	104.600	104.000	0.500
1.003	13.000	100.8	150	Circular	104.600	103.950	0.500	104.500	103.821	0.529
1.004	18.592	100.0	150	Circular	104.500	103.821	0.529	105.000	103.635	1.215
2.000	11.674	30.0	100	Circular	105.400	104.800	0.500	105.000	104.411	0.489
1.005	9.828	15.5	100	Circular	105.000	103.635	1.265	104.600	103.000	1.500
1.006	9.814	100.1	100	Circular	104.600	103.000	1.500	105.000	102.902	1.998
1.007	12.096	100.0	100	Circular	105.000	102.902	1.998	104.000	102.781	1.119
1.008	4.403	100.1	100	Circular	104.000	102.781	1.119	103.200	102.737	0.363
3.000	2.328	3.9	100	Circular	100.600	100.000	0.500	100.000	99.400	0.500

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	1	450	Manhole	Adoptable	2	450	Manhole	Adoptable
1.001	2	450	Manhole	Adoptable	3	450	Manhole	Adoptable
1.002	3	450	Manhole	Adoptable	4	450	Manhole	Adoptable
1.003	4	450	Manhole	Adoptable	5	450	Manhole	Adoptable
1.004	5	450	Manhole	Adoptable	7	450	Manhole	Adoptable
2.000	6	450	Manhole	Adoptable	7	450	Manhole	Adoptable
1.005	7	450	Manhole	Adoptable	8	600	Manhole	Adoptable
1.006	8	600	Manhole	Adoptable	9	450	Manhole	Adoptable
1.007	9	450	Manhole	Adoptable	10	450	Manhole	Adoptable
1.008	10	450	Manhole	Adoptable	12		Junction	
3.000	13	600	Manhole	Adoptable	11		Junction	

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
1	162.550	164.761	106.000	0.600	450				
2	161.665	155.821	105.650	0.600	450				
3	157.854	153.754	105.300	0.600	450				
						0	1.000	105.400	100
						1	1.000	105.050	100
						0	1.001	105.050	100
						1	1.001	104.700	100
						0	1.002	104.700	100

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
4	155.889	138.267	104.600	0.650	450		1	1.002	104.000	100
							0	1.003	103.950	150
5	142.951	139.533	104.500	0.679	450		1	1.003	103.821	150
							0	1.004	103.821	150
6	144.025	169.757	105.400	0.600	450					
							0	2.000	104.800	100
7	143.038	158.125	105.000	1.365	450		1	2.000	104.411	100
							2	1.004	103.635	150
							0	1.005	103.635	100
8	133.915	161.781	104.600	1.600	600		1	1.005	103.000	100
							0	1.006	103.000	100
9	135.001	171.535	105.000	2.098	450		1	1.006	102.902	100
							0	1.007	102.902	100
10	127.811	181.262	104.000	1.219	450		1	1.007	102.781	100
							0	1.008	102.781	100
13	117.921	212.684	100.600	0.600	600					
							0	3.000	100.000	100
11	117.043	214.840	100.000	0.600			1	3.000	99.400	100
12	125.747	185.151	103.200	0.463			1	1.008	102.737	100

Simulation Settings

Rainfall Methodology	FEH-22	Analysis Speed	Normal	Starting Level (m)	
Rainfall Events	Singular	Skip Steady State	x	Check Discharge Rate(s)	x
Summer CV	0.950	Drain Down Time (mins)	240	Check Discharge Volume	x
Winter CV	0.950	Additional Storage (m³/ha)	20.0		

Storm Durations

15 | 30 | 60 | 120 | 180 | 240 | 360 | 480 | 600 | 720 | 960 | 1440

Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
1	0	0	0
30	0	0	0
100	0	0	0
100	40	0	0

Node 8 Online Orifice Control

Flap Valve	x	Design Depth (m)	1.100	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Flow (l/s)	2.0		
Invert Level (m)	103.000	Diameter (m)	0.030		

Node 8 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	103.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	62

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	12.0	12.0	0.800	12.0	26.7	0.801	0.0	26.7

Node 13 Flow through Pond Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Main Channel Length (m)	30.000
Side Inf Coefficient (m/hr)	0.00000	Invert Level (m)	100.300	Main Channel Slope (1:X)	12.0
Safety Factor	2.0	Time to half empty (mins)		Main Channel n	0.005

Inlets

12

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	11.8	273.1	0.300	20.0	318.5

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
1 year 15 minute summer	59.371	16.800	1 year 600 minute winter	5.576	2.232
1 year 15 minute winter	41.664	16.800	1 year 720 minute summer	7.312	1.960
1 year 30 minute summer	38.167	10.800	1 year 720 minute winter	4.914	1.960
1 year 30 minute winter	26.784	10.800	1 year 960 minute summer	6.018	1.585
1 year 60 minute summer	25.353	6.700	1 year 960 minute winter	3.986	1.585
1 year 60 minute winter	16.844	6.700	1 year 1440 minute summer	4.354	1.167
1 year 120 minute summer	20.973	5.542	1 year 1440 minute winter	2.926	1.167
1 year 120 minute winter	13.934	5.542	30 year 15 minute summer	297.087	84.065
1 year 180 minute summer	18.013	4.635	30 year 15 minute winter	208.482	84.065
1 year 180 minute winter	11.709	4.635	30 year 30 minute summer	193.425	54.733
1 year 240 minute summer	15.107	3.992	30 year 30 minute winter	135.737	54.733
1 year 240 minute winter	10.037	3.992	30 year 60 minute summer	128.762	34.028
1 year 360 minute summer	12.212	3.143	30 year 60 minute winter	85.546	34.028
1 year 360 minute winter	7.938	3.143	30 year 120 minute summer	79.995	21.140
1 year 480 minute summer	9.852	2.604	30 year 120 minute winter	53.147	21.140
1 year 480 minute winter	6.545	2.604	30 year 180 minute summer	61.369	15.792
1 year 600 minute summer	8.160	2.232	30 year 180 minute winter	39.891	15.792

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
30 year 240 minute summer	48.272	12.757	100 year 600 minute winter	19.373	7.755
30 year 240 minute winter	32.071	12.757	100 year 720 minute summer	24.863	6.664
30 year 360 minute summer	36.314	9.345	100 year 720 minute winter	16.710	6.664
30 year 360 minute winter	23.605	9.345	100 year 960 minute summer	19.825	5.220
30 year 480 minute summer	28.128	7.434	100 year 960 minute winter	13.132	5.220
30 year 480 minute winter	18.688	7.434	100 year 1440 minute summer	13.712	3.675
30 year 600 minute summer	22.664	6.199	100 year 1440 minute winter	9.215	3.675
30 year 600 minute winter	15.485	6.199	100 year +40% CC 15 minute summer	536.276	151.748
30 year 720 minute summer	19.893	5.331	100 year +40% CC 15 minute winter	376.334	151.748
30 year 720 minute winter	13.369	5.331	100 year +40% CC 30 minute summer	352.419	99.722
30 year 960 minute summer	15.891	4.185	100 year +40% CC 30 minute winter	247.312	99.722
30 year 960 minute winter	10.527	4.185	100 year +40% CC 60 minute summer	235.888	62.338
30 year 1440 minute summer	11.040	2.959	100 year +40% CC 60 minute winter	156.719	62.338
30 year 1440 minute winter	7.419	2.959	100 year +40% CC 120 minute summer	142.849	37.751
100 year 15 minute summer	383.054	108.391	100 year +40% CC 120 minute winter	94.905	37.751
100 year 15 minute winter	268.810	108.391	100 year +40% CC 180 minute summer	108.676	27.966
100 year 30 minute summer	251.728	71.230	100 year +40% CC 180 minute winter	70.642	27.966
100 year 30 minute winter	176.651	71.230	100 year +40% CC 240 minute summer	85.140	22.500
100 year 60 minute summer	168.492	44.527	100 year +40% CC 240 minute winter	56.565	22.500
100 year 60 minute winter	111.942	44.527	100 year +40% CC 360 minute summer	63.780	16.413
100 year 120 minute summer	102.035	26.965	100 year +40% CC 360 minute winter	41.459	16.413
100 year 120 minute winter	67.790	26.965	100 year +40% CC 480 minute summer	49.322	13.034
100 year 180 minute summer	77.625	19.976	100 year +40% CC 480 minute winter	32.768	13.034
100 year 180 minute winter	50.459	19.976	100 year +40% CC 600 minute summer	39.695	10.858
100 year 240 minute summer	60.814	16.071	100 year +40% CC 600 minute winter	27.122	10.858
100 year 240 minute winter	40.403	16.071	100 year +40% CC 720 minute summer	34.809	9.329
100 year 360 minute summer	45.557	11.723	100 year +40% CC 720 minute winter	23.394	9.329
100 year 360 minute winter	29.613	11.723	100 year +40% CC 960 minute summer	27.755	7.308
100 year 480 minute summer	35.230	9.310	100 year +40% CC 960 minute winter	18.385	7.308
100 year 480 minute winter	23.406	9.310	100 year +40% CC 1440 minute summer	19.197	5.145
100 year 600 minute summer	28.354	7.755	100 year +40% CC 1440 minute winter	12.902	5.145

Results for 1 year Critical Storm Duration. Lowest mass balance: 95.13%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	1	1	105.400	0.000	0.0	0.0000	0.0000	OK
15 minute summer	1.000:50%	11	105.246	0.021	1.0	0.0000	0.0000	OK
15 minute summer	2	10	105.066	0.016	1.0	0.0026	0.0000	OK
15 minute summer	3	11	104.719	0.019	1.0	0.0030	0.0000	OK
15 minute summer	1.002:50%	11	104.376	0.026	1.8	0.0000	0.0000	OK
15 minute summer	4	11	103.983	0.033	1.8	0.0052	0.0000	OK
15 minute summer	1.003:50%	11	103.925	0.040	2.7	0.0568	0.0000	OK
15 minute summer	5	11	103.862	0.041	2.6	0.0065	0.0000	OK
15 minute summer	6	1	104.800	0.000	0.0	0.0000	0.0000	OK
15 minute summer	2.000:50%	11	104.625	0.020	0.9	0.0000	0.0000	OK
15 minute summer	7	11	103.667	0.032	3.5	0.0051	0.0000	OK
240 minute summer	8	148	103.189	0.189	1.6	1.6476	0.0000	SURCHARGED
240 minute summer	9	152	102.926	0.024	0.8	0.0039	0.0000	OK
240 minute summer	10	152	102.805	0.024	0.8	0.0038	0.0000	OK
240 minute summer	13	152	100.011	0.011	0.8	0.0032	0.0000	OK
240 minute summer	11	152	99.411	0.011	0.8	0.0000	0.0000	OK
240 minute summer	12	152	102.802	0.065	0.8	0.0000	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1.000	1.000:50%	0.0	0.000	0.000	0.0026	
15 minute summer	1	1.000	2	1.0	1.006	0.083	0.0045	
15 minute summer	2	1.001	3	1.0	1.079	0.058	0.0040	
15 minute summer	3	1.002	1.002:50%	1.0	0.770	0.078	0.0102	
15 minute summer	3	1.002	4	1.8	1.144	0.140	0.0123	
15 minute summer	4	1.003	1.003:50%	1.8	0.548	0.102	0.0214	
15 minute summer	4	1.003	5	2.6	0.691	0.148	0.0246	
15 minute summer	5	1.004	7	2.6	0.790	0.146	0.0615	
15 minute summer	6	2.000	2.000:50%	0.0	0.000	0.000	0.0031	
15 minute summer	6	2.000	7	0.9	0.843	0.081	0.0062	
15 minute summer	7	1.005	8	3.5	0.788	0.223	0.0488	
240 minute summer	8	1.006	9	0.8	0.516	0.126	0.0145	
240 minute summer	9	1.007	10	0.8	0.523	0.126	0.0177	
240 minute summer	10	1.008	12	0.8	0.442	0.126	0.0151	
240 minute summer	13	3.000	11	0.8	1.646	0.025	0.0011	5.5
240 minute summer	12	Flow through Pond	13	0.8	0.000	0.000	0.0260	

Results for 30 year Critical Storm Duration. Lowest mass balance: 95.13%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	1	1	105.400	0.000	0.0	0.0000	0.0000	OK
15 minute summer	1.000:50%	10	105.274	0.049	5.1	0.0000	0.0000	OK
15 minute summer	2	10	105.089	0.039	5.1	0.0062	0.0000	OK
15 minute summer	3	10	104.744	0.043	5.1	0.0069	0.0000	OK
15 minute summer	1.002:50%	10	104.416	0.065	9.2	0.0000	0.0000	OK
15 minute summer	4	10	104.034	0.084	9.2	0.0134	0.0000	OK
15 minute summer	1.003:50%	13	104.003	0.118	13.5	0.5128	0.0000	OK
15 minute summer	5	13	103.989	0.168	12.6	0.0266	0.0000	SURCHARGED
15 minute summer	6	1	104.800	0.000	0.0	0.0000	0.0000	OK
15 minute summer	2.000:50%	10	104.652	0.047	4.6	0.0000	0.0000	OK
30 minute summer	7	21	103.929	0.294	15.2	0.0467	0.0000	SURCHARGED
120 minute summer	8	88	103.806	0.806	7.8	8.8523	0.0000	SURCHARGED
120 minute summer	9	88	102.939	0.037	1.6	0.0058	0.0000	OK
120 minute summer	10	88	102.817	0.036	1.6	0.0057	0.0000	OK
120 minute summer	13	88	100.016	0.016	1.6	0.0046	0.0000	OK
120 minute summer	11	88	99.416	0.016	1.6	0.0000	0.0000	OK
120 minute summer	12	88	102.804	0.066	1.6	0.0000	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1.000	1.000:50%	0.0	0.000	0.000	0.0086	
15 minute summer	1	1.000	2	5.1	1.526	0.422	0.0149	
15 minute summer	2	1.001	3	5.1	1.657	0.291	0.0132	
15 minute summer	3	1.002	1.002:50%	5.0	1.155	0.390	0.0339	
15 minute summer	3	1.002	4	9.2	1.732	0.710	0.0413	
15 minute summer	4	1.003	1.003:50%	9.1	0.807	0.515	0.0767	
15 minute summer	4	1.003	5	12.6	1.035	0.714	0.1054	
15 minute summer	5	1.004	7	12.5	1.021	0.705	0.3273	
15 minute summer	6	2.000	2.000:50%	0.0	0.000	0.000	0.0104	
15 minute summer	6	2.000	7	4.6	1.312	0.411	0.0203	
15 minute summer	7	1.005	8	13.4	1.712	0.864	0.0769	
120 minute summer	8	1.006	9	1.6	0.634	0.273	0.0255	
120 minute summer	9	1.007	10	1.6	0.647	0.273	0.0308	
120 minute summer	10	1.008	12	1.6	0.410	0.273	0.0177	
120 minute summer	13	3.000	11	1.6	2.060	0.053	0.0019	16.0
120 minute summer	12	Flow through Pond	13	1.6	1.224	0.000	0.0404	

Results for 100 year Critical Storm Duration. Lowest mass balance: 95.13%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	1	1	105.400	0.000	0.0	0.0000	0.0000	OK
15 minute summer	1.000:50%	10	105.283	0.058	6.6	0.0000	0.0000	OK
15 minute summer	2	10	105.096	0.046	6.6	0.0072	0.0000	OK
15 minute summer	3	10	104.750	0.050	6.5	0.0080	0.0000	OK
15 minute summer	1.002:50%	10	104.431	0.081	11.9	0.0000	0.0000	OK
30 minute summer	4	21	104.099	0.149	10.9	0.0237	0.0000	OK
30 minute summer	1.003:50%	21	104.089	0.203	15.8	1.5415	0.0000	SURCHARGED
120 minute summer	5	88	104.082	0.261	7.5	0.0414	0.0000	SURCHARGED
15 minute summer	6	1	104.800	0.000	0.0	0.0000	0.0000	OK
15 minute summer	2.000:50%	10	104.660	0.055	6.0	0.0000	0.0000	OK
120 minute summer	7	88	104.080	0.445	9.7	0.0708	0.0000	SURCHARGED
120 minute summer	8	88	104.068	1.068	8.6	9.4337	0.0000	SURCHARGED
120 minute summer	9	88	102.942	0.040	1.9	0.0063	0.0000	OK
120 minute summer	10	88	102.820	0.039	1.9	0.0061	0.0000	OK
120 minute summer	13	90	100.017	0.017	1.9	0.0049	0.0000	OK
120 minute summer	11	90	99.417	0.017	1.9	0.0000	0.0000	OK
120 minute summer	12	90	102.804	0.067	1.9	0.0000	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1.000	1.000:50%	0.0	0.000	0.000	0.0105	
15 minute summer	1	1.000	2	6.6	1.613	0.546	0.0183	
15 minute summer	2	1.001	3	6.5	1.759	0.377	0.0161	
15 minute summer	3	1.002	1.002:50%	6.5	1.229	0.504	0.0419	
15 minute summer	3	1.002	4	11.8	1.798	0.913	0.0522	
15 minute summer	4	1.003	1.003:50%	11.7	0.855	0.660	0.1144	
15 minute winter	4	1.003	5	14.0	1.036	0.791	0.1144	
15 minute summer	5	1.004	7	12.3	0.994	0.694	0.3273	
15 minute summer	6	2.000	2.000:50%	0.0	0.000	0.000	0.0128	
15 minute summer	6	2.000	7	5.9	1.397	0.536	0.0248	
15 minute summer	7	1.005	8	14.0	1.788	0.903	0.0769	
120 minute summer	8	1.006	9	1.9	0.658	0.316	0.0284	
120 minute summer	9	1.007	10	1.9	0.672	0.316	0.0343	
120 minute summer	10	1.008	12	1.9	0.490	0.316	0.0184	
120 minute summer	13	3.000	11	1.9	2.146	0.061	0.0021	20.4
120 minute summer	12	Flow through Pond	13	1.9	1.298	0.000	0.0440	

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 95.13%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	1	1	105.400	0.000	0.0	0.0000	0.0000	OK
15 minute summer	1.000:50%	10	105.299	0.073	9.3	0.0000	0.0000	OK
15 minute summer	2	10	105.105	0.055	9.2	0.0087	0.0000	OK
15 minute summer	3	12	104.865	0.165	9.2	0.0262	0.0000	SURCHARGED
15 minute summer	1.002:50%	12	104.704	0.354	16.3	0.0000	0.0000	SURCHARGED
120 minute summer	4	94	104.315	0.364	7.3	0.0579	0.0000	FLOOD RISK
120 minute summer	1.003:50%	94	104.314	0.428	10.2	6.8691	0.0000	SURCHARGED
120 minute summer	5	94	104.313	0.492	8.5	0.0783	0.0000	FLOOD RISK
15 minute summer	6	1	104.800	0.000	0.0	0.0000	0.0000	OK
15 minute summer	2.000:50%	10	104.674	0.069	8.4	0.0000	0.0000	OK
120 minute summer	7	92	104.312	0.677	10.6	0.1076	0.0000	SURCHARGED
120 minute summer	8	94	104.297	1.297	8.9	9.4984	0.0000	SURCHARGED
120 minute summer	9	94	102.944	0.042	2.1	0.0067	0.0000	OK
120 minute summer	10	94	102.822	0.041	2.1	0.0065	0.0000	OK
120 minute summer	13	94	100.018	0.018	2.1	0.0052	0.0000	OK
120 minute summer	11	94	99.418	0.018	2.1	0.0000	0.0000	OK
120 minute summer	12	94	102.804	0.067	2.1	0.0000	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1.000	1.000:50%	0.0	0.000	0.000	0.0138	
15 minute summer	1	1.000	2	9.2	1.738	0.769	0.0237	
15 minute summer	2	1.001	3	9.2	1.863	0.533	0.0263	
15 minute summer	3	1.002	1.002:50%	8.7	1.194	0.675	0.0611	
15 minute summer	3	1.002	4	14.3	1.823	1.106	0.0611	
15 minute summer	4	1.003	1.003:50%	13.5	0.871	0.763	0.1144	
15 minute winter	4	1.003	5	13.2	1.050	0.749	0.1144	
15 minute winter	5	1.004	7	12.6	1.014	0.711	0.3273	
15 minute summer	6	2.000	2.000:50%	0.0	0.000	0.000	0.0168	
15 minute summer	6	2.000	7	8.3	1.498	0.750	0.0324	
15 minute summer	7	1.005	8	14.4	1.843	0.931	0.0769	
120 minute summer	8	1.006	9	2.1	0.674	0.349	0.0306	
120 minute summer	9	1.007	10	2.1	0.685	0.349	0.0371	
120 minute summer	10	1.008	12	2.1	0.497	0.349	0.0190	
120 minute summer	13	3.000	11	2.1	2.208	0.068	0.0022	28.5
120 minute summer	12	Flow through Pond	13	2.1	1.351	0.000	0.0467	