

G9448: Moss Lane East, Manchester	Date: 13/11/2024			
	Designed by: EB	Checked by:	Approved By:	
Report Details: Type: Junctions Summary Storm Phase: SURFACE WATER NETWORK	Will Rudd: Rev C			



FEH - Full Test: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
CSMH02	FEH - Full Test: 100 years: +45 %: 30 mins: Winter	37.654	35.352	35.400	0.048	5.5	0.055	0.000	5.5	14.440	OK
Ex. MH01	FEH - Full Test: 100 years: +45 %: 30 mins: Winter	37.450	35.170	35.217	0.047	5.5	0.000	0.000	5.5	14.440	OK
SWIC01	FEH - Full Test: 100 years: +45 %: 60 mins: Winter	37.374	36.572	36.894	0.322	11.8	0.051	0.000	11.8	18.414	Surcharged
SWIC03	FEH - Full Test: 100 years: +45 %: 15 mins: Winter	37.659	36.502	37.608	1.106	27.2	0.176	0.000	22.3	12.572	Flood Risk
SWIC04	FEH - Full Test: 100 years: +45 %: 15 mins: Winter	37.514	36.080	37.091	1.011	30.1	0.161	0.000	27.8	15.379	Surcharged
SWIC05	FEH - Full Test: 100 years: +45 %: 60 mins: Winter	37.520	36.065	36.896	0.831	5.8	0.132	0.000	5.1	8.912	Surcharged
SWIC02	FEH - Full Test: 100 years: +45 %: 60 mins: Winter	37.455	35.786	36.891	1.105	10.8	0.176	0.000	10.1	17.360	Surcharged
SWMH01	FEH - Full Test: 100 years: +45 %: 60 mins: Winter	37.519	35.980	36.895	0.915	19.8	1.035	0.000	19.1	34.109	Surcharged
SWMH02	FEH - Full Test: 100 years: +45 %: 60 mins: Winter	37.733	35.614	36.882	1.267	6.1	1.433	0.000	5.5	30.895	Surcharged
Simple Junction	FEH - Full Test: 100 years: +45 %: 15 mins: Winter		36.750	36.914	0.164	17.1			15.6	7.985	Surcharged

Hydro
Brake
MH