

GSDS Regional Policy for Inflow, Infiltration & Exfiltration
Base Infiltration on Flow Monitor and Catchment Basis

Catchment Ref	Catchment Name	FM Reference	Average DWF	Base Infiltration	Base Infiltration Percentage of DWF	Base Infiltration per day per pipe surface area
			(l/s)	(l/s)	(%)	(l/d/m2)
F001	City Centre / Docklands	FM001/101	25	10	40%	60
		FM002/102	26	20	78%	139
		FM003	6	0	0%	0
		FM004	46	5	11%	72
		FM005	63	60	95%	789
		FM006	33	21	64%	119
		FM007	21	2	7%	6
		FM108	40	30	76%	160
		FM009	11	5	47%	45
		FM010	40	15	38%	30
		FM011	6	5	78%	216
		FM012	18	5	28%	15
		FM013	26	9	34%	40
		FM014	18	2	8%	4
		FM015	72	50	69%	110
		FM017	151	138	91%	315
		FM018	17	13	75%	144
		FM019	22	14	63%	93
		FM020	71	42	59%	147
		FM021	161	87	54%	66
		FM022	28	21	76%	71
		FM023	8	5	63%	85
		FM024/124	2	2	78%	127
		FM025	3	0	0%	0
		FM026	21	0	0%	0
		FM027	31	10	32%	47
		FM028	19	5	27%	50
		FM029	60	26	43%	87
		TOTAL (u/s of FM017)			973	558
F003	Grand Canal Trunk Sewer	3	13	5	35%	199
		19	52	19	38%	74
		23	669	226	34%	37
		24	37	18	48%	158
		26	4	2	40%	55
		41	75	43	57%	105
		201	11	4	38%	0
		202	13	4	33%	0
		203	37	24	63%	240
		204	42	24	56%	14
		205	13	9	70%	152
		208	26	20	77%	294
		209	6	4	69%	120
		211	24	6	23%	38
		212	78	25	32%	112
		216	6	0	2%	2
		217	44	19	44%	149
		221	8	2	24%	504
		223	8	1	12%	180
		224	218	90	41%	7995
		225	278	99	36%	2046
		226	64	35	54%	1191
		227	54	27	50%	3735
		229	16	4	25%	13
		230	302	99	33%	0
		231	311	112	36%	2848
		231	311	112	36%	2848
		250	3	1	37%	75
		701	14	6	41%	63
		702	82	64	78%	49
703	8	0	0%	0		
TOTAL (figures exclude F001)			937	395	42%	82

GDSDS Regional Policy for Inflow, Infiltration & Exfiltration
Base Infiltration on Flow Monitor and Catchment Basis

Catchment Ref	Catchment Name	FM Reference	Average DWF	Base Infiltration	Base Infiltration Percentage of DWF	Base Infiltration per day per pipe surface area
			(l/s)	(l/s)	(%)	(l/d/m ²)
F004	North Dublin Drainage Scheme	FM10	8	5	59%	1721
		FM17	7	7	97%	7258
		FM22	9	9	100%	4825
		FM24	14	9	60%	8720
		FM28	7	1	9%	90
		FM29	8	5	64%	2267
		FM30	11	5	51%	1108
		FM33	4	2	43%	800
		FM35	2	2	87%	5549
		FM37	36	33	92%	16558
		FM44	8	3	35%	1032
		FM62	15	1	8%	1024
		FM63	4	0	7%	146
		FM66	7	2	27%	769
		FM70	13	10	72%	7994
		FM71	26	2	8%	3146
		TOTAL	638.0	93.95	15%	63006
F006/F007	Dodder Valley Catchment	FM02	254	30	12%	152
		FM07	41	11	27%	3174
		FM11	27	15	56%	1814
		TOTAL	322	56	17%	5140
F008	Lucan Clondalkin	FM01	8	3	38%	521
		FM13	5	5	100%	582
		FM15	8	3	37%	164
		FM16	5	1	21%	35
		FM27	12	6	51%	1494
		FM28	5	2	53%	134
		FM31	14	3	22%	89
		FM37	10	5	45%	499
		FM39	25	14	56%	213
		FM43	24	17	71%	838
		FM46	2	2	78%	114
		FM47	6	5	88%	227
		FM48	5	2	37%	202
		TOTAL	236	70	30%	57
F009	Newcastle, Rathcoole, Saggart	FM01	1	1	83%	not available
		FM02	4	2	37%	not available
		FM03	1	0	0%	not available
		FM04	8	0	0%	not available
		FM05	6	2	36%	not available
		FM06	2	0	0%	not available
		TOTAL	8	3	31%	5
F010	Dun Laoghaire West Pier East	TOTAL	153	78	51%	70

GSDS Regional Policy for Inflow, Infiltration & Exfiltration
Base Infiltration on Flow Monitor and Catchment Basis

Catchment Ref	Catchment Name	FM Reference	Average DWF	Base Infiltration	Base Infiltration Percentage of DWF	Base Infiltration per day per pipe surface area		
			(l/s)	(l/s)	(%)	(l/d/m ²)		
F011	Dun Laoighaire West Pier West	FM01	6	0	0%	0		
		FM02	10	0	0%	0		
		FM03	25	3	10%	9		
		FM04	2	0	0%	0		
		FM05	3	0	0%	0		
		FM06	7	0	0%	0		
		FM07	3	1	40%	46		
		FM08	7	0	2%	5		
		FM09	3	1	21%	23		
		FM10	40	30	76%	307		
		FM11	10	1	12%	7		
		FM12	1	0	0%	0		
		FM13	4	0	0%	0		
		FM14	6	2	31%	7		
		FM15	0	0	0%	0		
		FM16	9	6	68%	151		
		FM17	12	2	21%	19		
		FM18	21	10	46%	58		
		FM19	10	4	41%	14		
				FM20	7	0	7%	5
				FM23	0	0	0%	0
				TOTAL	185.2	60.37	33%	650
		F012	Shanganagh & Bray MDS	Shanganagh	113	11	9%	not available
Bray	79			16	20%	not available		
TOTAL	192			27	14%	not available		
F013	Upper Liffey Valley MDS	Naas	107	53	27%	not available		
		Newbridge	63	23	12%	not available		
		Clane	25	5	3%	not available		
		TOTAL (Osberstown WwTW)	195	81	42%	not available		
F014	Lower Liffey Valley	FM01	8	7	83%	27		
		FM02	2	2	104%	0		
		FM03	3	2	53%	0		
		FM04	12	1	12%	73		
		FM05	5	2	43%	16		
		FM06	2	2	72%	32		
		FM07	5	4	82%	15		
		FM08	21	16	75%	71		
		FM09	2	0	13%	0		
		FM10	2	1	34%	0		
		FM11	24	4	16%	10		
		FM12	64	2	3%	0		
				TOTAL	153	46	30%	68
F016	Malahide	FM01	1	0	0%	0		
		FM02	1	0	21%	6		
		FM03	25	22	87%	598		
		FM06	2	0	0%	0		
		FM08	1	0	0%	0		
		FM09	1	0	0%	0		
		FM10	0	0	0%	0		
		FM11	6	2	25%	25		
		FM12	3	1	40%	17		
		FM13	3	0	0%	0		
		FM14	3	2	56%	144		
		FM15	5	0	0%	0		
		TOTAL	60	27	46%	79		

GSDSDS Regional Policy for Inflow, Infiltration & Exfiltration
Base Infiltration on Flow Monitor and Catchment Basis

Catchment Ref	Catchment Name	FM Reference	Average DWF	Base Infiltration	Base Infiltration Percentage of DWF	Base Infiltration per day per pipe surface area
			(l/s)	(l/s)	(%)	(l/d/m ²)
F017	Balbriggan/Skerries	FM01	8	3	30%	40
		FM02	6	3	48%	71
		FM03	2	0	0%	0
		FM04	23	6	24%	24
		FM05	11	3	28%	21
		FM06	4	1	26%	49
		FM07	4	0	0%	0
		FM08	19	4	21%	18
		TOTAL	44	10	22%	7
F018	Swords	FM01	15	7	47%	65
		FM02	48	15	32%	45
		FM03	14	3	22%	28
		FM04	11	5	50%	86
		FM05	18	4	23%	29
		TOTAL	104	38	37%	30
F019	Donabate/Portrane	TOTAL	9	0	0%	0