

ESTIMATED DCIA FOR 61 BASINS

TOWN OF SOUTHTON

ID	DEEP LOCAL BASIN ID	IC (%)	DCIA CONNECTIVITY LEVEL EQUATIONS				
			1 (%)	2 (%)	3 (%)	4 (%)	5 (%)
1	5201-00-1	9.56	9.56	6.01	2.96	1.86	0.91
2	5200-02-1-L1	0.33	0.33	0.10	0.02	0.01	0.00
3	5200-00-2-R1	44.38	44.38	37.90	29.57	25.25	19.70
4	5200-02-1	10.86	10.86	7.00	3.58	2.31	1.18
5	5201-02-1*	18.10	18.10	12.92	7.70	5.50	3.28
6	4602-00-1-L2	4.41	4.41	2.37	0.93	0.50	0.19
7	5200-00-1*	20.30	20.30	14.83	9.15	6.68	4.12
8	5200-03-1	17.48	17.48	12.39	7.31	5.18	3.06
9	4602-01-1	0.00	0.00	0.00	0.00	0.00	0.00
10	4602-02-1	2.23	2.23	1.04	0.33	0.16	0.05
11	4602-04-1-L1	0.00	0.00	0.00	0.00	0.00	0.00
12	4602-00-1-L1	2.57	2.57	1.24	0.41	0.20	0.07
13	5201-01-1	0.07	0.07	0.02	0.00	0.00	0.00
14	5201-00-2-L2	7.58	7.58	4.55	2.09	1.25	0.57
15	5200-00-2-R2	15.90	15.90	11.06	6.34	4.41	2.53
16	5200-00-2-R3	24.12	24.12	18.23	11.84	8.95	5.82
17	5201-00-2-L3	4.55	4.55	2.46	0.97	0.52	0.21
18	5201-07-1	0.12	0.12	0.03	0.00	0.00	0.00
19	5201-03-1	8.78	8.78	5.43	2.60	1.61	0.77
20	5200-04-1	7.29	7.29	4.34	1.97	1.17	0.53
21	4602-02-1-L1	0.92	0.92	0.36	0.09	0.03	0.01
22	5201-08-1-L2	0.77	0.77	0.29	0.07	0.03	0.01
23	5200-05-1	24.32	24.32	18.41	11.99	9.08	5.91
24	5201-00-2-R1	8.67	8.67	5.35	2.55	1.57	0.75
25	4600-06-1-L1	4.17	4.17	2.22	0.85	0.45	0.17
26	5200-05-1-L1	19.03	19.03	13.72	8.30	5.99	3.62
27	5201-00-2-R2	22.63	22.63	16.89	10.76	8.03	5.12
28	5201-00-2-D1	11.78	11.78	7.72	4.04	2.65	1.39
29	5200-00-2-R4	27.78	27.78	21.60	14.64	11.39	7.72

LEGEND	
* Calculations do not include State roads & State property	
<div style="background-color: yellow; width: 20px; height: 10px; display: inline-block;"></div>	= DCIA Equation used

DCIA EQUATION TABLE		
Connectivity Level	Description Of Contributing Area	Land Use type
1. Fully Connected (default)	100% storm sewered with all IC	High density mixed use, commercial
2. Wicked Connected	Mostly storm sewered with curb and gutter, residential rooftops connected to MS4	High density residential, commercial, industrial, institutional
3. Moderately Connected	Mostly storm sewered with curb and gutter, residential rooftops NOT connected to MS4	Medium density residential, commercial, industrial, institutional, open land
4. Sorta Connected	50% storm sewered with some infiltration and residential rooftops NOT connected to MS4	Low density residential, open land
5. Slightly Connected	Small % of urban area storm sewered or mostly infiltration	Agricultural, forested, natural areas

BASELINE REPORT	
Townwide area (acres) =	23,376.90
Townwide IC (acres) (14.45%) =	3,376.86
Townwide DCIA Baseline(%) =	1.76
Townwide DCIA Baseline (Acres) =	410.48
2022 Goal	
Disconnecting 2% of DCIA (acres) =	8.21

30	4600-06-1-L2	6.91	6.91	4.07	1.82	1.07	0.48
31	5203-00-1	14.06	14.06	9.54	5.27	3.58	1.98
32	5201-08-1*	10.21	10.21	6.50	3.26	2.08	1.04
33	5203-00-1-L1	7.72	7.72	4.65	2.15	1.29	0.60
34	5201-06-1	7.23	7.23	4.29	1.94	1.15	0.52
35	5201-04-2-R2	22.02	22.02	16.35	10.34	7.67	4.85
36	5201-00-3-R1	18.67	18.67	13.41	8.07	5.80	3.49
37	5203-00-1-L2	8.64	8.64	5.32	2.54	1.56	0.75
38	5201-05-1	7.75	7.75	4.67	2.16	1.30	0.60
39	5201-04-2-R1	13.62	13.62	9.19	5.03	3.39	1.86
40	5201-04-1	15.71	15.71	10.90	6.23	4.32	2.47
41	5203-01-1	9.96	9.96	6.31	3.14	1.99	0.99
42	4600-05-1-L1	0.00	0.00	0.00	0.00	0.00	0.00
43	5202-05-1-L3	1.25	1.25	0.52	0.14	0.06	0.02
44	5202-07-1-L1	18.38	18.38	13.16	7.88	5.64	3.38
45	5200-00-3-R1	21.75	21.75	16.10	10.14	7.51	4.73
46	5203-00-2-R1	16.18	16.18	11.29	6.51	4.54	2.62
47	5202-07-1	12.70	12.70	8.45	4.53	3.01	1.61
48	5202-05-1-D1	3.60	3.60	1.86	0.68	0.35	0.13
49	5202-05-1	11.91	11.91	7.82	4.11	2.70	1.42
50	5202-05-1-L2	2.07	2.07	0.96	0.30	0.14	0.04
51	5202-06-1	11.01	11.01	7.12	3.65	2.36	1.21
52	5200-00-4-R1	20.41	20.41	14.92	9.22	6.74	4.17
53	5202-00-3-R2	32.94	32.94	26.50	18.90	15.21	10.85
54	5202-08-2-R1	13.43	13.43	9.03	4.92	3.31	1.80
55	5202-05-2-R1	0.00	0.00	0.00	0.00	0.00	0.00
56	5200-00-4-R2	9.93	9.93	6.29	3.13	1.98	0.99
57	5202-00-3-R1	58.75	58.75	53.07	45.03	40.67	34.51
58	5205-03-1-L1	0.00	0.00	0.00	0.00	0.00	0.00
59	5202-09-1	0.00	0.00	0.00	0.00	0.00	0.00
60	5200-06-1	9.39	9.39	5.88	2.88	1.80	0.88
61	5200-09-1	19.56	19.56	14.18	8.65	6.27	3.83