

Brookland Spill Calculation - Hockey and
Tennis Lighting All on - Site Boundary

Property Number	Address	Property Boundary	Existing Levels 0m	Existing Levels 1m
1	53 Westmorland Road	4m evergreen trees	1	1
2	51 Westmorland Road	2.5 bush	4	5
3	49 Westmorland Road	1.5m high fence	5	8
4	47 Westmorland Road	2.2m bush	6	9
5	45 Westmorland Road	1.5m high fence	7	10
6	43 Westmorland Road	1.2m high fence	14	15
7	41 Westmorland Road	2m high fence	11	11
8	39 Westmorland Road	1.5m high fence	13	14
9	37 Westmorland Road	1.5m high fence	12	13
10	35 Westmorland Road	2m bush	8	10
11	33 Westmorland Road	1.5m high fence	6	9
12	31 Westmorland Road	2m bushes	5	8
13	29 Westmorland Road	1.2m high bush	6	6
14	27 Westmorland Road	1.2m high bush	5	5
15	25 Westmorland Road	1.2m high bush	4	4
16	23 Westmorland Road	1.2m high bush	3	4
17	21 Westmorland Road	2m bush	2	3
18	49 Norris Road	1m fence	2	3
19	47 Norris Road	1m fence	2	3
20	45 Norris Road	1.2m high fence	1	2
21	43 Norris Road	1.5m fence	2	3
22	41 Norris Road	3m bushes	1	2
23	39 Norris Road	1.5m fence	2	2
24	37 Norris Road	1.5m fence	2	2
25	35 Norris Road	2.5m bush	2	2
26	33 Norris Road	2m fence	2	2
27	31 Norris Road	2m fence	1	2
28	29 Norris Road	1m wall 3m bush	1	2
29	27 Norris Road	1.5m fence, large 3m bushes	1	2
30	25 Norris Road	1.5m fence 4m trees	1	2
31	23 Norris Road	3m bushes	1	1
32	21 Norris Road	1.5 bushes	2	2
33	2 Alcester Road	3m bushes	1	2
34	4 Alcester Road	3m bushes, 8m evergreen	2	3
35	4A Alcester Road	2m large bushes	3	4
36	6 Alcester Road	wall 3m high	5	6
37	8 Alcester Road	2.5m brick wall	4	5
38	10 Alcester Road	2.5m bush	13	13
39	12 Alcester Road	2m fence	24	30
40	14 Alcester Road	2m fence, 6m trees	30	15
41	16 Alcester Road	4m evergreen trees	5	9
42	18 Alcester Road	2m fence, 10m trees	5	6
43	20 Alcester Road	4m evergreen trees	7	7

Property Number	Address	Property Boundary	Brookland Spill Calculation - Hockey Lighting Existing		Levels at club/property border - New install 500 Lux proposed levels		1m - On property surface - Emax - Lux
			Existing Levels 0m - Lux	Existing Levels 1m - Lux	New Install 0m	New Install 1m - Lux	
1	53 Westmorland Road	4m evergreen trees	1	1	5	5	3
2	51 Westmorland Road	2.5 bush	4	5	7	7	6
3	49 Westmorland Road	1.5m high fence	5	8	7	8	6
4	47 Westmorland Road	2.2m bush	6	9	8	8	6
5	45 Westmorland Road	1.5m high fence	7	10	8	8	6
6	43 Westmorland Road	1.2m high fence	14	15	7	7	5
7	41 Westmorland Road	2m high fence	11	11	6	6	5
8	39 Westmorland Road	1.5m high fence	13	14	5	5	4
9	37 Westmorland Road	1.5m high fence	12	13	4	4	3
10	35 Westmorland Road	2m bush	8	10	3	3	3
11	33 Westmorland Road	1.5m high fence	6	9	3	3	2
12	31 Westmorland Road	2m bushes	5	8	2	2	2
13	29 Westmorland Road	1.2m high bush	6	6	2	2	2
14	27 Westmorland Road	1.2m high bush	5	5	2	2	2
15	25 Westmorland Road	1.2m high bush	4	4	2	1	1
16	23 Westmorland Road	1.2m high bush	3	4	1	1	1
17	21 Westmorland Road	2m bush	2	3	1	1	0
18	49 Norris Road	1m fence	2	3	2	2	2
19	47 Norris Road	1m fence	2	3	2	2	2
20	45 Norris Road	1.2m high fence	1	2	2	2	2
21	43 Norris Road	1.5m fence	2	3	2	3	2
22	41 Norris Road	3m bushes	1	2	3	3	3
23	39 Norris Road	1.5m fence	2	2	4	3	3
24	37 Norris Road	1.5m fence	2	2	4	4	3
25	35 Norris Road	2.5m bush	2	2	5	5	4
26	33 Norris Road	2m fence	2	2	5	5	4
27	31 Norris Road	2m fence	1	2	5	6	4
28	29 Norris Road	1m wall 3m bush	1	2	6	6	4
29	27 Norris Road	1.5m fence, large 3m bushes	1	2	6	6	4
30	25 Norris Road	1.5m fence 4m trees	1	2	6	6	4
31	23 Norris Road	3m bushes	1	1	6	6	4
32	21 Norris Road	1.5 bushes	2	2	6	7	5
33	2 Alcester Road	3m bushes	1	2	2	2	1
34	4 Alcester Road	3m bushes, 8m evergreen	2	3	3	3	1
35	4A Alcester Road	2m large bushes	3	4	6	6	8
36	6 Alcester Road	wall 3m high	5	6	21	21	21
37	8 Alcester Road	2.5m brick wall	4	5	55	56	25
38	10 Alcester Road	2.5m bush	13	13	48	50	23
39	12 Alcester Road	2m fence	24	30	32	34	14
40	14 Alcester Road	2m fence, 6m trees	30	15	18	18	8
41	16 Alcester Road	4m evergreen trees	5	9	11	11	5
42	18 Alcester Road	2m fence, 10m trees	5	6	7	7	3
43	20 Alcester Road	4m evergreen trees	7	7	5	5	3

			Brookland Spill Calculation - Hockey Lighting - Existing		Levels at club/property border - New install 350 Lux proposed levels		
Property Number	Address	Property Boundary	Existing Levels 0m - Lux	Existing Levels 1m - Lux	New Install 0m - Lux	New Install 1m - Lux	1m - On property surface - Emax - Lux
1	53 Westmorland Road	4m evergreen trees	1	1	1	6	6
2	51 Westmorland Road	2.5 bush	4	5	5	8	7
3	49 Westmorland Road	1.5m high fence	5	8	8	8	8
4	47 Westmorland Road	2.2m bush	6	9	9	7	8
5	45 Westmorland Road	1.5m high fence	7	10	10	7	7
6	43 Westmorland Road	1.2m high fence	14	15	15	7	6
7	41 Westmorland Road	2m high fence	11	11	11	6	6
8	39 Westmorland Road	1.5m high fence	13	14	14	5	5
9	37 Westmorland Road	1.5m high fence	12	13	13	5	4
10	35 Westmorland Road	2m bush	8	10	10	4	4
11	33 Westmorland Road	1.5m high fence	6	9	9	4	3
12	31 Westmorland Road	2m bushes	5	8	8	3	3
13	29 Westmorland Road	1.2m high bush	6	6	6	3	3
14	27 Westmorland Road	1.2m high bush	5	5	5	2	2
15	25 Westmorland Road	1.2m high bush	4	4	4	2	2
16	23 Westmorland Road	1.2m high bush	3	4	4	1	1
17	21 Westmorland Road	2m bush	2	3	3	2	2
18	49 Norris Road	1m fence	2	3	3	2	2
19	47 Norris Road	1m fence	2	3	3	2	2
20	45 Norris Road	1.2m high fence	1	2	2	2	2
21	43 Norris Road	1.5m fence	2	3	3	2	2
22	41 Norris Road	3m bushes	1	2	2	3	3
23	39 Norris Road	1.5m fence	2	2	2	3	3
24	37 Norris Road	1.5m fence	2	2	2	3	3
25	35 Norris Road	2.5m bush	2	2	2	4	4
26	33 Norris Road	2m fence	2	2	2	4	4
27	31 Norris Road	2m fence	1	2	2	4	5
28	29 Norris Road	1m wall 3m bush	1	2	2	5	5
29	27 Norris Road	1.5m fence, large 3m bushes	1	2	2	5	5
30	25 Norris Road	1.5m fence 4m trees	1	2	2	5	5
31	23 Norris Road	3m bushes	1	1	1	5	5
32	21 Norris Road	1.5 bushes	2	2	2	5	5
33	2 Alcester Road	3m bushes	1	2	2	2	2
34	4 Alcester Road	3m bushes, 8m evergreen	2	3	3	1	1
35	4A Alcester Road	2m large bushes	3	4	4	5	5
36	6 Alcester Road	wall 3m high	5	6	6	19	20
37	8 Alcester Road	2.5m brick wall	4	5	5	53	53
38	10 Alcester Road	2.5m bush	13	13	13	45	45
39	12 Alcester Road	2m fence	24	30	30	31	30
40	14 Alcester Road	2m fence, 6m trees	30	15	15	16	16
41	16 Alcester Road	4m evergreen trees	5	9	9	10	11
42	18 Alcester Road	2m fence, 10m trees	5	6	6	7	8
43	20 Alcester Road	4m evergreen trees	7	7	7	5	5

Brookland Spill Calculation - 6 Court Installation - All on
Levels at club/property border - New install proposed levels

Property Number	Address	Property Boundary	Existing Levels 0m	Existing Levels 1m	New Install 0m	New Install 1m	1m - On property surface - Emax	
1	53 Westmorland Road	4m evergreen trees	1	1	2	1	0	
2	51 Westmorland Road	2.5 bush	4	5	5	4	1	
3	49 Westmorland Road	1.5m high fence	5	8	10	9	1	
4	47 Westmorland Road	2.2m bush	6	9	16	16	3	
5	45 Westmorland Road	1.5m high fence	7	10	33	35	6	
6	43 Westmorland Road	1.2m high fence	14	15	103	134	21	
7	41 Westmorland Road	2m high fence	11	11	90	105	23	
8	39 Westmorland Road	1.5m high fence	13	14	75	91	20	
9	37 Westmorland Road	1.5m high fence	12	13	129	180	18	
10	35 Westmorland Road	2m bush	8	10	115	132	24	
11	33 Westmorland Road	1.5m high fence	6	9	103	118	25	
12	31 Westmorland Road	2m bushes	5	8	31	35	10	
13	29 Westmorland Road	1.2m high bush	6	6	11	12	5	
14	27 Westmorland Road	1.2m high bush	5	5	6	6	4	
15	25 Westmorland Road	1.2m high bush	4	4	4	4	3	
16	23 Westmorland Road	1.2m high bush	3	4	2	2	2	
17	21 Westmorland Road	2m bush	2	3	1	1	0	
18	49 Norris Road	1m fence	2	3	3	4	3	
19	47 Norris Road	1m fence	2	3	4	5	3	
20	45 Norris Road	1.2m high fence	1	2	4	5	3	
21	43 Norris Road	1.5m fence	2	3	5	6	4	
22	41 Norris Road	3m bushes	1	2	5	6	4	
23	39 Norris Road	1.5m fence	2	2	5	6	4	
24	37 Norris Road	1.5m fence	2	2	5	6	3	
25	35 Norris Road	2.5m bush	2	2	4	5	3	
26	33 Norris Road	2m fence	2	2	3	3	2	
27	31 Norris Road	2m fence	1	2	2	2	2	
28	29 Norris Road	1m wall 3m bush	1	2	1	2	2	
29	27 Norris Road	1.5m fence, large 3m bushes	1	2	1	1	1	
30	25 Norris Road	1.5m fence 4m trees	1	2	1	1	1	
31	23 Norris Road	3m bushes	1	1	1	1	1	
32	21 Norris Road	1.5 bushes	2	2	<1	<1	1	
33	2 Alcester Road	3m bushes	1	2	<1	<1	0	
34	4 Alcester Road	3m bushes, 8m evergreen	2	3	<1	<1	0	
35	4A Alcester Road	2m large bushes	3	4	<1	<1	0	
36	6 Alcester Road	wall 3m high	5	6	<1	<1	0	
37	8 Alcester Road	2.5m brick wall	4	5	<1	<1	0	
38	10 Alcester Road	2.5m bush	13	13	<1	<1	0	
39	12 Alcester Road	2m fence	24	30	<1	<1	0	
40	14 Alcester Road	2m fence, 6m trees	30	15	<1	<1	0	
41	16 Alcester Road	4m evergreen trees	5	9	<1	<1	0	
42	18 Alcester Road	2m fence, 10m trees	5	6	<1	<1	0	
43	20 Alcester Road	4m evergreen trees	7	7	<1	<1	0.07	

				Brookland Spill Calculation - 4 Court Installation - All on Levels at club/property border - New install proposed levels			
Property Number	Address	Property Boundary	Existing Levels 0m	Existing Levels 1m	New Install 0m	New Install 1m2	
1	53 Westmorland Road	4m evergreen trees	1	1	1	1	1
2	51 Westmorland Road	2.5 bush	4	5	3	3	3
3	49 Westmorland Road	1.5m high fence	5	8	5	6	6
4	47 Westmorland Road	2.2m bush	6	9	8	8	8
5	45 Westmorland Road	1.5m high fence	7	10	13	13	13
6	43 Westmorland Road	1.2m high fence	14	15	20	20	20
7	41 Westmorland Road	2m high fence	11	11	23	23	23
8	39 Westmorland Road	1.5m high fence	13	14	19	20	20
9	37 Westmorland Road	1.5m high fence	12	13	20	22	22
10	35 Westmorland Road	2m bush	8	10	25	26	26
11	33 Westmorland Road	1.5m high fence	6	9	20	21	21
12	31 Westmorland Road	2m bushes	5	8	9	9	9
13	29 Westmorland Road	1.2m high bush	6	6	5	6	6
14	27 Westmorland Road	1.2m high bush	5	5	3	3	3
15	25 Westmorland Road	1.2m high bush	4	4	2	2	2
16	23 Westmorland Road	1.2m high bush	3	4	1	1	1
17	21 Westmorland Road	2m bush	2	3	1	1	1
18	49 Norris Road	1m fence	2	3	1	2	2
19	47 Norris Road	1m fence	2	3	2	3	3
20	45 Norris Road	1.2m high fence	1	2	3	3	3
21	43 Norris Road	1.5m fence	2	3	3	4	4
22	41 Norris Road	3m bushes	1	2	4	4	4
23	39 Norris Road	1.5m fence	2	2	4	4	4
24	37 Norris Road	1.5m fence	2	2	3	4	4
25	35 Norris Road	2.5m bush	2	2	3	3	3
26	33 Norris Road	2m fence	2	2	2	3	3
27	31 Norris Road	2m fence	1	2	2	2	2
28	29 Norris Road	1m wall 3m bush	1	2	1	1	1
29	27 Norris Road	1.5m fence, large 3m bushes	1	2	1	1	1
30	25 Norris Road	1.5m fence 4m trees	1	2	1	1	1
31	23 Norris Road	3m bushes	1	1	1	1	1
32	21 Norris Road	1.5 bushes	2	2	1	1	1
33	2 Alcester Road	3m bushes	1	2	0	0	0
34	4 Alcester Road	3m bushes, 8m evergreen	2	3	0	0	0
35	4A Alcester Road	2m large bushes	3	4	0	0	0
36	6 Alcester Road	wall 3m high	5	6	0	0	0
37	8 Alcester Road	2.5m brick wall	4	5	0	0	0
38	10 Alcester Road	2.5m bush	13	13	0	0	0
39	12 Alcester Road	2m fence	24	30	0	0	0
40	14 Alcester Road	2m fence, 6m trees	30	15	0	0	0
41	16 Alcester Road	4m evergreen trees	5	9	0	0	0
42	18 Alcester Road	2m fence, 10m trees	5	6	0	0	0
43	20 Alcester Road	4m evergreen trees	7	7	0	0	0