

**Item 8 - Open Space, Sport and Recreation Facilities – Tabled Paper**

Further to the Strategic Future Needs Report completed by Knight, Kavanagh and Page Ltd (KKP), and a request from the Cabinet Member for Planning, an additional technical exercise has been completed to recalculate the requirements for open space, sport and recreation facilities for 3 growth scenarios. These demonstrate the indicative needs generated by annual dwelling figures of 1054, 776 and 550.

Scenario 1 effectively acts as an update to the work already carried out by KKP, who used an annual dwelling figure of 1086. This was the figure likely to come out of the standard method at the time. Currently, it is looking more likely to be 1054, and that is the figure used here. Furthermore, and with respect to the built facilities tables, Sport England's Sport Facility Calculator is now using the 2016 population projections, whereas at the time of KKP's work, the 2014 projections were used. As such, there are variances from the original work.

**Current requirements up to 2021/22 (776 dwellings per annum)**Open Space*Table 1: Current standards of open space*

Hectares per 1,000 population				
Parks	Natural	Amenity	Allotments	Play
1.36	4.20	0.49	0.18	0.06

*Table 2: Current total open space requirement up to 2021/22*

Stage	Per annum		Hectares required				
	Dwellings	Population	Parks (1.36)	Natural (4.20)	Amenity (0.49)	Allotments (0.18)	Play (0.06)
Stage 1	776	1,862	2.53	7.82	0.91	0.34	0.11

Built Facilities*Table 3: Current total built facilities requirement up to 2021/22*

Sports hall		Swimming pool		Indoor bowls	
-	-	<i>Square meters</i>	57.45	-	-
<i>Courts</i>	1.56	<i>Lanes</i>	1.08	<i>Rinks</i>	0.41
<i>Halls</i>	0.39	<i>Pools</i>	0.27	<i>Centres</i>	0.07
<i>Vpwpp</i>	454	<i>Vpwpp</i>	346	<i>Vpwpp</i>	64
<i>Cost</i>	£1,100,558	<i>Cost</i>	£1,166,383	<i>Cost</i>	£176,572

**Scenario 1 – 1054 dwellings per annum**Open Space*Table 4: Dwellings and population per year by stage*

Stage	Dwellings per annum	Population per annum
Stage 1	776	1,862
Stage 2	1,054	2,530

*Table 5: Total dwelling and population increase by stage*

Stage	Dwellings	Population
Stage 1	2,328	5,587
Stage 2	16,864	40,474

*Table 6: Open space requirement per year by stage*

Stage	Per annum		Hectares required				
			Parks (1.36)	Natural (4.20)	Amenity (0.49)	Allotments (0.18)	Play (0.06)
	Dwellings	Population					
Stage 1	776	1,862	2.53	7.82	0.91	0.34	0.11
Stage 2	1,054	2,530	3.44	10.63	1.24	0.46	0.15

*Table 7: Total open space requirement by stage*

Stage	Per annum		Hectares required				
			Parks (1.36)	Natural (4.20)	Amenity (0.49)	Allotments (0.18)	Play (0.06)
	Dwellings	Population					
Stage 1	2,328	5,587	7.60	23.47	2.74	1.01	0.34
Stage 2	16,864	40,474	55.04	170	19.83	7.29	2.43
<b>Total</b>	<b>19,192</b>	<b>46,061</b>	<b>62.64</b>	<b>193.46</b>	<b>22.57</b>	<b>8.29</b>	<b>2.76</b>

*Table 8: Total open space requirement by settlement*

Settlement	Open space requirement (hectares)				
	Parks	Natural	Amenity	Allotments	Play
Sittingbourne (60%)	37.58	116.08	13.54	4.97	1.66
Faversham (30%)	18.79	58.04	6.77	2.49	0.83
Isle of Sheppey (10%)	6.26	19.35	2.26	0.83	0.28

Built Facilities*Table 9: Stage 2 built facilities requirement*

Sports hall		Swimming pool		Indoor bowls	
-	-	Square meters	416.18	-	-
Courts	11.30	Lanes	7.83	Rinks	2.99
Halls	2.83	Pools	1.96	Centres	0.50
Vpwpp	3,291	Vpwpp	2,507	Vpwpp	467
Cost	£7,972,792	Cost	£8,449,647	Cost	£1,279,143

Table 10: Total built facilities requirement up to 2037/38

<b>Sports hall</b>		<b>Swimming pool</b>		<b>Indoor bowls</b>	
-	-	<i>Square meters</i>	<i>416.18</i>	-	-
<i>Courts</i>	<i>12.86</i>	<i>Lanes</i>	<i>7.83</i>	<i>Rinks</i>	<i>3.41</i>
<i>Halls</i>	<i>3.22</i>	<i>Pools</i>	<i>1.96</i>	<i>Centres</i>	<i>0.57</i>
<i>Vpwpp</i>	<i>3,746</i>	<i>Vpwpp</i>	<i>2,507</i>	<i>Vpwpp</i>	<i>531</i>
<i>Cost</i>	<i>£9,073,350</i>	<i>Cost</i>	<i>£8,449,647</i>	<i>Cost</i>	<i>£1,455,715</i>

**Scenario 2 – 776 dwellings per annum**Open Space*Table 11: Dwellings and population per year by stage*

Stage	Dwellings per annum	Population per annum
Stage 1	776	1,862
Stage 2	776	1,862

*Table 12: Total dwelling and population increase by stage*

Stage	Dwellings	Population
Stage 1	2,328	5,587
Stage 2	12,416	29,798

*Table 13: Open space requirement per year by stage*

Stage	Per annum		Hectares required				
	Dwellings	Population	Parks (1.36)	Natural (4.20)	Amenity (0.49)	Allotments (0.18)	Play (0.06)
Stage 1	776	1,862	2.53	7.82	0.91	0.34	0.11
Stage 2	776	1,862	2.53	7.82	0.91	0.34	0.11

*Table 14: Total open space requirement by stage*

Stage	Per annum		Hectares required				
	Dwellings	Population	Parks (1.36)	Natural (4.20)	Amenity (0.49)	Allotments (0.18)	Play (0.06)
Stage 1	2,328	5,587	7.60	23.47	2.74	1.01	0.34
Stage 2	12,416	29,798	40.53	125.15	14.60	5.36	1.79
<b>Total</b>	<b>14,744</b>	<b>35,385</b>	<b>48.12</b>	<b>148.62</b>	<b>17.34</b>	<b>6.37</b>	<b>2.12</b>

*Table 15: Total open space requirement by settlement*

Settlement	Open space requirement (hectares)				
	Parks	Natural	Amenity	Allotments	Play
Sittingbourne (60%)	28.87	89.17	10.40	3.82	1.27
Faversham (30%)	14.44	44.59	5.20	1.91	0.64
Isle of Sheppey (10%)	4.81	14.86	1.73	0.64	0.21

Built facilities*Table 16: Stage 2 built facilities requirement*

Sports hall		Swimming pool		Indoor bowls	
-	-	Square meters	306.40	-	-
Courts	8.32	Lanes	5.77	Rinks	2.20
Halls	2.08	Pools	1.44	Centres	0.37
Vpwpp	2,423	Vpwpp	1,846	Vpwpp	344
Cost	£5,869,774	Cost	£6,220,847	Cost	£941,738

*Table 17: Total built facilities requirement up to 2037/38*

<b>Sports hall</b>		<b>Swimming pool</b>		<b>Indoor bowls</b>	
-	-	<i>Square meters</i>	363.85	-	-
<i>Courts</i>	9.88	<i>Lanes</i>	6.85	<i>Rinks</i>	2.62
<i>Halls</i>	2.47	<i>Pools</i>	1.71	<i>Centres</i>	0.44
<i>Vpwpp</i>	2,878	<i>Vpwpp</i>	2,192	<i>Vpwpp</i>	408
<i>Cost</i>	£6,970,332	<i>Cost</i>	£7,387,230	<i>Cost</i>	£1,118,310

**Scenario 3 – 550 dwellings per annum**Open Space*Table 18: Dwellings and population per year by stage*

Stage	Dwellings per annum	Population per annum
Stage 1	776	1,862
Stage 2	550	1,320

*Table 19: Total dwelling and population increase by stage*

Stage	Dwellings	Population
Stage 1	2,328	5,587
Stage 2	8,800	21,120

*Table 20: Open space requirement per year by stage*

Stage	Per annum		Hectares required				
			Parks (1.36)	Natural (4.20)	Amenity (0.49)	Allotments (0.18)	Play (0.06)
	Dwellings	Population					
Stage 1	776	1,862	2.53	7.82	0.91	0.34	0.11
Stage 2	550	1,320	1.80	5.54	0.65	0.24	0.08

*Table 21: Total open space requirement by stage*

Stage	Per annum		Hectares required				
			Parks (1.36)	Natural (4.20)	Amenity (0.49)	Allotments (0.18)	Play (0.06)
	Dwellings	Population					
Stage 1	2,328	5,587	7.60	23.47	2.74	1.01	0.34
Stage 2	8,800	21,120	28.72	88.70	10.35	3.80	1.27
<b>Total</b>	<b>11,128</b>	<b>26,707</b>	<b>36.32</b>	<b>112.17</b>	<b>13.09</b>	<b>4.81</b>	<b>1.60</b>

*Table 22: Total open space requirement by settlement*

Settlement	Open space requirement (hectares)				
	Parks	Natural	Amenity	Allotments	Play
Sittingbourne (60%)	21.79	67.30	7.85	2.89	0.96
Faversham (30%)	10.90	33.65	3.93	1.44	0.48
Isle of Sheppey (10%)	3.63	11.22	1.31	0.48	0.16

Built facilities*Table 23: Stage 2 built facilities requirement*

Sports hall		Swimming pool		Indoor bowls	
-	-	Square meters	217.17	-	-
Courts	5.90	Lanes	4.09	Rinks	1.56
Halls	1.47	Pools	1.02	Centres	0.26
Vpwpp	1,718	Vpwpp	1,308	Vpwpp	244
Cost	£4,160,334	Cost	£4,409,165	Cost	£667,478

Table 24: Total built facilities requirement up to 2037/38

<b>Sports hall</b>		<b>Swimming pool</b>		<b>Indoor bowls</b>	
-	-	<i>Square meters</i>	274.62	-	-
<i>Courts</i>	7.46	<i>Lanes</i>	5.17	<i>Rinks</i>	1.97
<i>Halls</i>	1.86	<i>Pools</i>	1.29	<i>Centres</i>	0.33
<i>Vpwpp</i>	2,172	<i>Vpwpp</i>	1,654	<i>Vpwpp</i>	308
<i>Cost</i>	£5,260,892	<i>Cost</i>	£5,575,548	<i>Cost</i>	£844,050