

**New Forest National Park Draft
Revised Habitat Mitigation
Scheme 2018**

**In perpetuity Funding
- Detailed Calculations**

These figures should only be read in conjunction with the New Forest National Park Draft Revised Habitat Mitigation Scheme 2018

<u>Receipts until 2036 (Plan period)</u>	Date	2027	2028	2029	2030	2031	2032	2033	2034	2035
Fund Value at start of Year	a	790,410	900,866	1,015,897	1,135,654	1,260,293	1,389,972	1,524,856	1,665,116	1,810,924
Interest Rate	b	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Interest income in year	c	19,760	22,522	25,397	28,391	31,507	34,749	38,121	41,628	45,273
Contributions from development	d	90,696	92,509	94,360	96,247	98,172	100,135	102,138	104,181	106,264
Fund Value at end of year	e	900,866	1,015,897	1,135,654	1,260,293	1,389,972	1,524,856	1,665,116	1,810,924	1,962,462

<u>Payments after end of Plan (2036)</u>	Date	2046	2047	2048	2049	2050	2051	2052	2053	2054
Fund value at start of year	f	2,326,316	2,348,784	2,371,099	2,393,243	2,415,199	2,436,946	2,458,465	2,479,733	2,500,729
Cost of mitigation measures	g	34,820	35,517	36,227	36,951	37,691	38,444	39,213	39,997	40,797
Fund value after mitigation costs	h	2,291,496	2,313,267	2,334,872	2,356,292	2,377,509	2,398,502	2,419,251	2,439,735	2,459,931
Interest Income	i	57,287	57,832	58,372	58,907	59,438	59,963	60,481	60,993	61,498
Fund value at year end	j	2,348,784	2,371,099	2,393,243	2,415,199	2,436,946	2,458,465	2,479,733	2,500,729	2,521,429

Assumptions:

Inflation rate

Interest rates

Calculations;

Row a = Row e from previous year

Row c = a x b

Row d rises by 2% each year (inflation)

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<u>Receipts until 2036 (Plan period)</u>	Date	2036
Fund Value at start of Year	a	1,962,462
Interest Rate	b	2.50%
Interest income in year	c	49,062
Contributions from development	d	108,390
Fund Value at end of year	e	2,119,913

<u>Payments after end of Plan (2036)</u>	Date	2055	2056	2057	2058	2059	2060	2061	2062	2063
Fund value at start of year	f	2,521,429	2,541,811	2,561,850	2,581,519	2,600,793	2,619,643	2,638,041	2,655,957	2,673,360
Cost of mitigation measures	g	41,613	42,446	43,295	44,160	45,044	45,945	46,863	47,801	48,757
Fund value after mitigation costs	h	2,479,816	2,499,366	2,518,555	2,537,359	2,555,749	2,573,698	2,591,177	2,608,156	2,624,603
Interest Income	i	61,995	62,484	62,964	63,434	63,894	64,342	64,779	65,204	65,615
Fund value at year end	j	2,541,811	2,561,850	2,581,519	2,600,793	2,619,643	2,638,041	2,655,957	2,673,360	2,690,218

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Fund Value at start of Year	a
Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2064	2065	2066	2067	2068	2069	2070	2071	2072
Fund value at start of year	f	2,690,218	2,706,499	2,722,167	2,737,186	2,751,521	2,765,131	2,777,979	2,790,022	2,801,218
Cost of mitigation measures	g	49,732	50,726	51,741	52,776	53,831	54,908	56,006	57,126	58,269
Fund value after mitigation costs	h	2,640,487	2,655,772	2,670,426	2,684,410	2,697,689	2,710,223	2,721,973	2,732,896	2,742,950
Interest Income	i	66,012	66,394	66,761	67,110	67,442	67,756	68,049	68,322	68,574
Fund value at year end	j	2,706,499	2,722,167	2,737,186	2,751,521	2,765,131	2,777,979	2,790,022	2,801,218	2,811,523

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Fund Value at start of Year	a
Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2073	2074	2075	2076	2077	2078	2079	2080	2081
Fund value at start of year	f	2,811,523	2,820,891	2,829,275	2,836,626	2,842,893	2,848,023	2,851,963	2,854,657	2,856,045
Cost of mitigation measures	g	59,434	60,623	61,835	63,072	64,333	65,620	66,933	68,271	69,637
Fund value after mitigation costs	h	2,752,089	2,760,269	2,767,440	2,773,554	2,778,559	2,782,403	2,785,031	2,786,385	2,786,409
Interest Income	i	68,802	69,007	69,186	69,339	69,464	69,560	69,626	69,660	69,660
Fund value at year end	j	2,820,891	2,829,275	2,836,626	2,842,893	2,848,023	2,851,963	2,854,657	2,856,045	2,856,069

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Fund Value at start of Year	a
Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2082	2083	2084	2085	2086	2087	2088	2089	2090
Fund value at start of year	f	2,856,069	2,854,665	2,851,771	2,847,319	2,841,240	2,833,465	2,823,919	2,812,527	2,799,210
Cost of mitigation measures	g	71,029	72,450	73,899	75,377	76,884	78,422	79,991	81,590	83,222
Fund value after mitigation costs	h	2,785,039	2,782,215	2,777,872	2,771,942	2,764,356	2,755,043	2,743,928	2,730,936	2,715,987
Interest Income	i	69,626	69,555	69,447	69,299	69,109	68,876	68,598	68,273	67,900
Fund value at year end	j	2,854,665	2,851,771	2,847,319	2,841,240	2,833,465	2,823,919	2,812,527	2,799,210	2,783,887

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Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2091	2092	2093	2094	2095	2096	2097	2098	2099
Fund value at start of year	f	2,783,887	2,766,475	2,746,888	2,725,037	2,700,828	2,674,168	2,644,957	2,613,095	2,578,477
Cost of mitigation measures	g	84,887	86,584	88,316	90,082	91,884	93,722	95,596	97,508	99,458
Fund value after mitigation costs	h	2,699,000	2,679,891	2,658,572	2,634,954	2,608,944	2,580,446	2,549,361	2,515,587	2,479,019
Interest Income	i	67,475	66,997	66,464	65,874	65,224	64,511	63,734	62,890	61,975
Fund value at year end	j	2,766,475	2,746,888	2,725,037	2,700,828	2,674,168	2,644,957	2,613,095	2,578,477	2,540,994

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Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2100	2101	2102	2103	2104	2105	2106	2107	2108
Fund value at start of year	f	2,540,994	2,500,535	2,456,986	2,410,226	2,360,133	2,306,581	2,249,440	2,188,573	2,123,843
Cost of mitigation measures	g	101,447	103,476	105,546	107,657	109,810	112,006	114,246	116,531	118,862
Fund value after mitigation costs	h	2,439,547	2,397,059	2,351,440	2,302,569	2,250,323	2,194,575	2,135,194	2,072,042	2,004,982
Interest Income	i	60,989	59,926	58,786	57,564	56,258	54,864	53,380	51,801	50,125
Fund value at year end	j	2,500,535	2,456,986	2,410,226	2,360,133	2,306,581	2,249,440	2,188,573	2,123,843	2,055,106

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Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2109	2110	2111	2112	2113	2114	2115	2116	2117
Fund value at start of year	f	2,055,106	1,982,214	1,905,014	1,823,349	1,737,056	1,645,969	1,549,914	1,448,714	1,342,184
Cost of mitigation measures	g	121,239	123,664	126,137	128,660	131,233	133,858	136,535	139,265	142,051
Fund value after mitigation costs	h	1,933,867	1,858,550	1,778,877	1,694,689	1,605,823	1,512,111	1,413,379	1,309,448	1,200,133
Interest Income	i	48,347	46,464	44,472	42,367	40,146	37,803	35,334	32,736	30,003
Fund value at year end	j	1,982,214	1,905,014	1,823,349	1,737,056	1,645,969	1,549,914	1,448,714	1,342,184	1,230,137

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Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2118	2119	2120	2121	2122	2123	2124	2125	2126
Fund value at start of year	f	1,230,137	1,112,376	996,944	886,973	782,663	684,156	591,597	505,135	424,922
Cost of mitigation measures	g	144,892	139,748	131,604	123,399	115,194	106,988	98,783	90,577	82,371
Fund value after mitigation costs	h	1,085,245	972,628	865,340	763,574	667,469	577,168	492,815	414,558	342,551
Interest Income	i	27,131	24,316	21,633	19,089	16,687	14,429	12,320	10,364	8,564
Fund value at year end	j	1,112,376	996,944	886,973	782,663	684,156	591,597	505,135	424,922	351,114

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Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2127	2128	2129	2130	2131	2132	2133	2134	2135
Fund value at start of year	f	351,114	283,872	223,360	169,745	123,201	83,904	52,036	27,781	11,331
Cost of mitigation measures	g	74,166	65,960	57,755	49,549	41,343	33,138	24,932	16,727	8,376
Fund value after mitigation costs	h	276,949	217,912	165,605	120,196	81,858	50,767	27,104	11,055	2,955
Interest Income	i	6,924	5,448	4,140	3,005	2,046	1,269	678	276	74
Fund value at year end	j	283,872	223,360	169,745	123,201	83,904	52,036	27,781	11,331	3,029

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Interest Rate	b
Interest income in year	c
Contributions from development	d
Fund Value at end of year	e

<u>Payments after end of Plan (2036)</u>	Date	2136
Fund value at start of year	f	3,029
Cost of mitigation measures	g	-
Fund value after mitigation costs	h	3,029
Interest Income	i	76
Fund value at year end	j	3,105

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