Appendix 1

Economic Background

As provided by our treasury advisors – Link Group

The second quarter of 2022/23 saw:

- GDP revised upwards in Q1 2022/23 to +0.2% q/q from -0.1%, which means the UK economy had avoided recession for the time being.
- Signs of economic activity losing momentum as production fell due to rising energy prices.
- CPI inflation ease to 9.9% y/y in August, having been 9.0% in April, but domestic price pressures showing little sign of abating in the near-term.
- The unemployment rate fall to a 48-year low of 3.6% due to a large shortfall in labour supply.
- Bank Rate rise by 100bps over the quarter, taking Bank Rate to 2.25% with further rises to come.
- Gilt yields surge and sterling fall following the “fiscal event” of the new Prime Minister and Chancellor on 23rd September.

The UK economy grew by 0.2% q/q in Q1 2022/23, though revisions to historic data left it below pre-pandemic levels.

There were signs of higher energy prices creating more persistent downward effects in economic activity. Both industrial production (-0.3% m/m) and construction output (-0.8% m/m) fell in July 2022 for a second month in a row. Although some of this was probably due to the heat wave at the time, manufacturing output fell in some of the most energy intensive sectors (e.g., chemicals), pointing to signs of higher energy prices weighing on production. With the drag on real activity from high inflation having grown in recent months, GDP is at risk of contracting through the autumn and winter months.

The fall in the composite PMI from 49.6 in August to a 20-month low preliminary reading of 48.4 in September points to a fall in GDP of around 0.2% q/q in Q3 and consumer confidence is at a record low. Retail sales volumes fell by 1.6% m/m in August, which was the ninth fall in 10 months. That left sales volumes in August just 0.5% above their pre-Covid level and 3.3% below their level at the start of the year. There are also signs that households are spending their excess savings in response to high prices. Indeed, cash in households’ bank accounts rose by £3.2bn in August, which was below the £3.9bn rise in July and much smaller than the 2019 average monthly rate of £4.6bn.

The labour market remained exceptionally tight. Data for July and August provided further evidence that the weaker economy was leading to a cooling in labour demand. Labour Force Survey (LFS) employment rose by 40,000 in the three months to July (the smallest rise since February). But a renewed rise in inactivity of 154,000 over the same period meant that the unemployment rate fell from 3.8% in June to a new 48-year low of 3.6%. The single-month data showed that inactivity rose by 354,000 in July itself and there are now 904,000 more inactive people aged 16+ compared to before the pandemic in February 2020. The number of vacancies has started to level off from recent record highs but there have been few signs of a slowing in the upward momentum on wage growth. Indeed, in July, the 3my/y rate of average earnings growth rose from 5.2% in June to 5.5%.

CPI inflation eased from 10.1% in July to 9.9% in August, and back to 10.1% in September. The easing in August was mainly due to a decline in fuel prices reducing fuel inflation from 43.7% to 32.1%. And with the oil price now just below $90pb, we would expect to see fuel prices fall further in the coming months.

However, utility price inflation was expected to add 0.7% to CPI inflation in October when the Ofgem unit price cap increased to, typically, £2,500 per household (prior to any benefit payments). As the government has since frozen utility prices until April 2023 and the cap potentially rising to £3,000 per household, there is a possibility that inflation will spike higher again before dropping back slowly through 2023.

Following a Conservative Party leadership contest, Liz Truss became Prime Minister in September. Put simply, the markets did not like the unfunded tax-cutting and heavy spending policies put forward by her Chancellor, Kwasi Kwarteng, and their reign lasted barely seven weeks before being replaced by Prime Minister Rishi Sunak and Chancellor Jeremy Hunt. Their Autumn Statement of 17th November gave rise to a net £55bn fiscal tightening, although much of the "heavy lifting" has been left for the next Parliament to deliver. However, the markets liked what they heard, and UK gilt yields have completely reversed the increases seen under the previous tenants of No10/11 Downing Street.

Globally, though, all the major economies are expected to struggle in the near term. The fall below 50 in the composite Purchasing Manager Indices for the UK, US, EZ and China all point to at least one if not more quarters of GDP contraction. In November, the MPC projected eight quarters of negative growth for the UK lasting throughout 2023 and 2024, but with Bank Rate set to peak at lower levels than previously priced in by the markets and the fiscal tightening deferred to some extent, it is not clear that things will be as bad as first anticipated by the Bank.

The £ has strengthened of late, recovering from a record low of $1.035, on the Monday following the Truss government's "fiscal event", to $1.20. Notwithstanding the £'s better run of late, 2023 is likely to see a housing correction of some magnitude as fixed-rate mortgages have moved above 5% and affordability has been squeezed despite proposed Stamp Duty cuts remaining in place.

Regarding UK market expectations, although they now expect Bank Rate to peak within a lower range of 4.5% - 4.75%, caution is advised as the Bank of England Quarterly Monetary Policy Reports have carried a dovish message over the course of the last year, only for the Bank to have to play catch-up as the inflationary data has proven stronger than expected.

In addition, the Bank's central message that GDP will fall for eight quarters starting with Q3 2022 may prove to be a little pessimistic. Will the £160bn excess savings accumulated by households through the Covid lockdowns provide a spending buffer for the economy – at least to a degree? Ultimately, however, it will not only be inflation data but also employment data that will mostly impact the decision-making process, although any softening in the interest rate outlook in the US may also have an effect (just as, conversely, greater tightening may also).

Appendix 2

Interest Rate Forecasts

The PWLB rate forecasts below, provided by Link Group, are based on the Certainty Rate (the standard rate minus 20 bps, calculated as gilts plus 80bps) which has been accessible to most authorities since 1st November 2012.

Link Group Interest Rate View	27.09.22											
	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25
BANK RATE	4.00	5.00	5.00	5.00	4.50	4.00	3.75	3.25	3.00	2.75	2.75	2.50
3 month ave earnings	4.50	5.00	5.00	5.00	4.50	4.00	3.80	3.30	3.00	2.80	2.80	2.50
6 month ave earnings	4.70	5.20	5.10	5.00	4.60	4.10	3.90	3.40	3.10	3.00	2.90	2.60
12 month ave earnings	5.30	5.30	5.20	5.00	4.70	4.20	4.00	3.50	3.20	3.10	3.00	2.70
5 yr PWLB	5.00	4.90	4.70	4.50	4.20	3.90	3.70	3.50	3.40	3.30	3.20	3.20
10 yr PWLB	4.90	4.70	4.60	4.30	4.10	3.80	3.60	3.50	3.40	3.30	3.20	3.20
25 yr PWLB	5.10	4.90	4.80	4.50	4.30	4.10	3.90	3.70	3.60	3.60	3.50	3.40
50 yr PWLB	4.80	4.60	4.50	4.20	4.00	3.80	3.60	3.40	3.30	3.30	3.20	3.10

Link Group Interest Rate View	08.11.22												
	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25
BANK RATE	3.50	4.25	4.50	4.50	4.50	4.00	3.75	3.50	3.25	3.00	2.75	2.50	2.50
3 month ave earnings	3.60	4.30	4.50	4.50	4.50	4.00	3.80	3.30	3.00	3.00	2.80	2.50	2.50
6 month ave earnings	4.20	4.50	4.60	4.50	4.20	4.10	3.90	3.40	3.10	3.00	2.90	2.60	2.60
12 month ave earnings	4.70	4.70	4.70	4.50	4.30	4.20	4.00	3.50	3.20	3.10	3.00	2.70	2.70
5 yr PWLB	4.30	4.30	4.20	4.10	4.00	3.90	3.80	3.60	3.50	3.40	3.30	3.20	3.10
10 yr PWLB	4.50	4.50	4.40	4.30	4.20	4.00	3.90	3.70	3.60	3.50	3.40	3.30	3.20
25 yr PWLB	4.70	4.70	4.60	4.50	4.40	4.30	4.10	4.00	3.90	3.70	3.60	3.50	3.50
50 yr PWLB	4.30	4.40	4.30	4.20	4.10	4.00	3.80	3.70	3.60	3.40	3.30	3.20	3.20

Link's central forecast reflects a view that the MPC will be keen to demonstrate its anti-inflation credentials by delivering a succession of rate increases. This has happened throughout 2022, but the new Government's policy of emphasising fiscal rectitude will probably mean Bank Rate does not now need to increase to further than 4.5%.

Further down the road, they anticipate the Bank of England will be keen to loosen monetary policy when the worst of the inflationary pressures have lessened – but that timing will be one of fine judgment: cut too soon, and inflationary pressures may well build up further; cut too late and any downturn or recession may be prolonged.

The CPI measure of inflation will peak at close to 11% in Q4 2022. Despite the cost-of-living squeeze that is still taking shape, the Bank will want to see evidence that wages are not spiralling upwards in what is evidently a very tight labour market. Wage increases, excluding bonuses, are currently running at 5.7%.

Regarding the plan to sell £10bn of gilts back into the market each quarter (Quantitative Tightening), this has started but will focus on the short to medium end of the curve for the present. This approach will prevent any further disruption to the longer end of the curve following on from the short-lived effects of the Truss/Kwarteng unfunded dash for growth policy.

In the upcoming months, Link's forecasts will be guided not only by economic data releases and clarifications from the MPC over its monetary policies and the Government over its fiscal policies, but the on-going conflict between Russia and Ukraine. (More recently, the heightened tensions between China/Taiwan/US also have the potential to have a wider and negative economic impact.)

On the positive side, consumers are still estimated to be sitting on over £160bn of excess savings left over from the pandemic so that will cushion some of the impact of the above challenges. However, most of those are held by more affluent people whereas lower income families already spend nearly all their income on essentials such as food, energy and rent/mortgage payments.

Yield curve movements have become less volatile under the Sunak/Hunt government. PWLB 5 to 50 years Certainty Rates are, generally, in the range of 3.75% to 4.50%. The medium to longer part of the yield curve is currently inverted (yields are lower at the longer end of the yield curve compared to the short to medium end).

Link view the markets as having built in, already, nearly all the effects on gilt yields of the likely increases in Bank Rate and the poor inflation outlook but markets are volatile and further whipsawing of gilt yields across the whole spectrum of the curve is possible.

The balance of risks to the UK economy: -

- The overall balance of risks to economic growth in the UK is to the downside.

Downside risks to current forecasts for UK gilt yields and PWLB rates include: -

- Labour and supply shortages prove more enduring and disruptive and depress economic activity (accepting that in the near-term this is also an upside risk to inflation and, thus, rising gilt yields).

- The Bank of England acts too quickly, or too far, over the next two years to raise Bank Rate and causes UK economic growth, and increases in inflation, to be weaker than we currently anticipate.

- UK / EU trade arrangements – if there was a major impact on trade flows and financial services due to complications or lack of co-operation in sorting out significant remaining issues.

- Geopolitical risks, for example in Ukraine/Russia, China/Taiwan/US, Iran, North Korea and Middle Eastern countries, which could lead to increasing safe-haven flows.

Upside risks to current forecasts for UK gilt yields and PWLB rates: -

- The Bank of England is too slow in its pace and strength of increases in Bank Rate and, therefore, allows inflationary pressures to build up too strongly and for a longer period within the UK economy, which then necessitates an even more rapid series of increases in Bank Rate faster than we currently expect.

- The Government acts too quickly to cut taxes and/or increases expenditure in the light of the cost-of-living squeeze.

- The pound weakens because of the UK’s growing borrowing requirement resulting in investors pricing in a risk premium for holding UK sovereign debt.

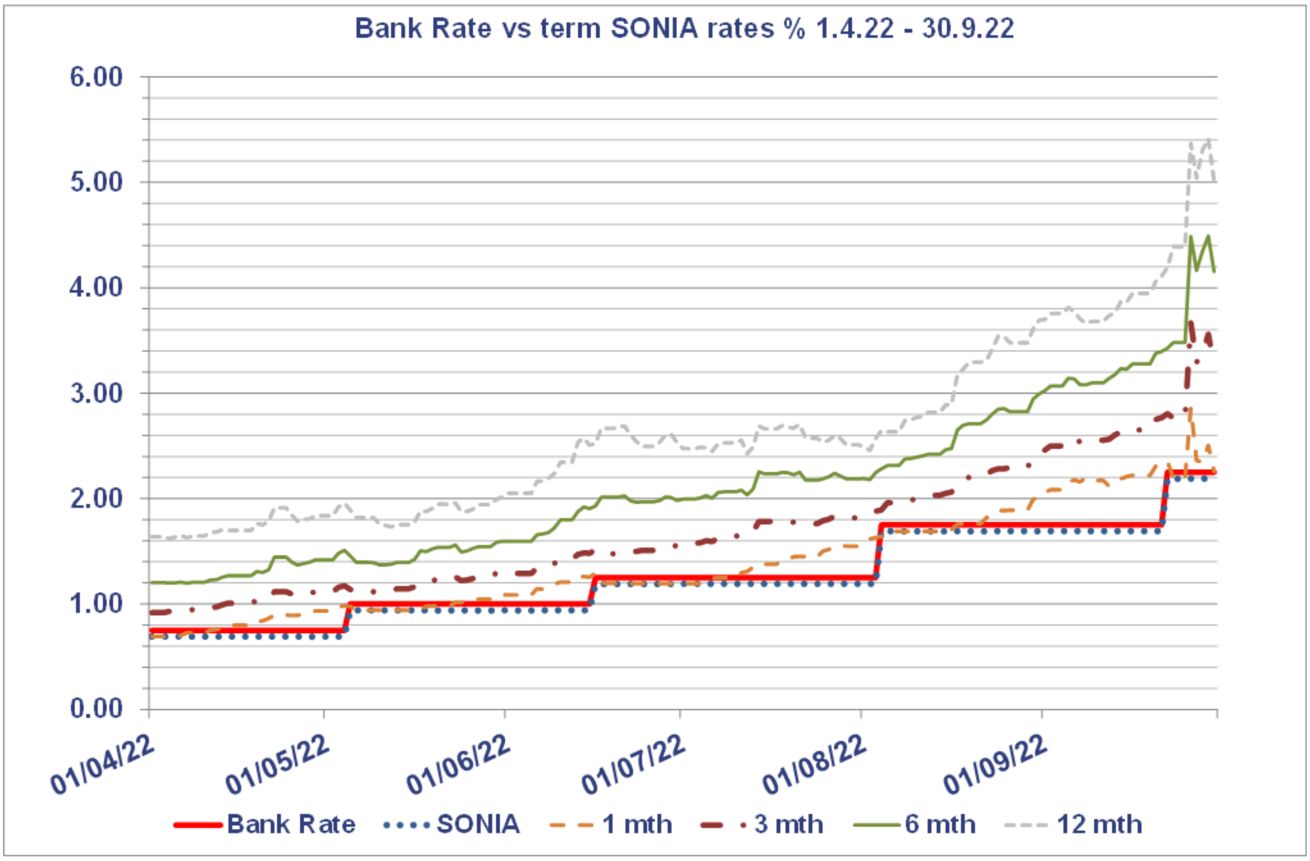
- Longer term US treasury yields continue to rise strongly and pull gilt yields up even higher than currently forecast.

Appendix 3

List of investments held at 30th September 2022

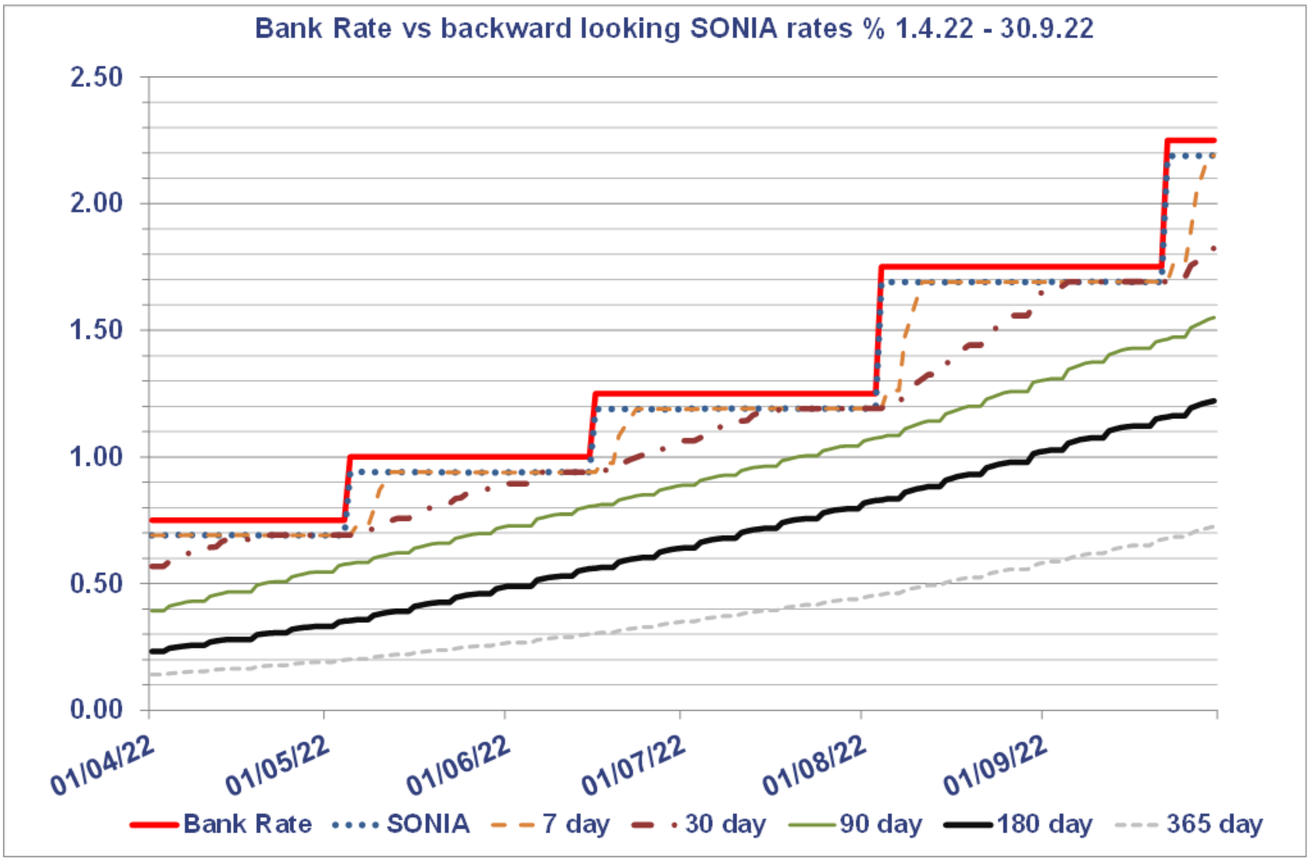
Institution	Amount	Investment Period		Terms	Interest Rate %
		Invest date	Repay date		
Money Market / Direct Dealing					
SMBC	4,000,000	20/06/2022	19/10/2022	Fixed	1.73%
Nationwide Building Society	4,000,000	30/06/2022	19/10/2022	Fixed	1.42%
Nationwide Building Society	2,000,000	05/07/2022	19/10/2022	Fixed	1.46%
Leeds Building Society	2,000,000	05/07/2022	05/10/2022	Fixed	1.25%
Coventry Building Society	2,000,000	19/07/2022	18/10/2022	Fixed	1.46%
SMBC	2,000,000	29/07/2022	18/11/2022	Fixed	2.00%
Nationwide Building Society	2,000,000	29/07/2022	18/11/2022	Fixed	1.70%
Coventry Building Society	4,000,000	01/08/2022	19/10/2022	Fixed	1.47%
Santander UK plc	2,000,000	09/08/2022	18/11/2022	Fixed	2.02%
Principality Building Society	2,000,000	22/08/2022	21/11/2022	Fixed	1.89%
Leeds Building Society	2,000,000	22/08/2022	21/11/2022	Fixed	1.75%
Yorkshire Building Society	4,000,000	01/09/2022	05/12/2022	Fixed	2.08%
National Counties Building Society	1,000,000	01/09/2022	18/11/2022	Fixed	1.90%
Yorkshire Building Society	3,000,000	09/09/2022	16/12/2022	Fixed	2.24%
Santander UK plc	4,000,000	14/09/2022	04/01/2023	Fixed	2.60%
National Counties Building Society	2,000,000	20/09/2022	19/12/2022	Fixed	2.25%
HSBC Money Market	3,080,000			Fixed	0.01%
Money Market Funds - CCLA Public Sector Deposit Fund	4,500,000				Dividend
CCLA Local Authority Property Fund	1,500,000				Dividend
	£51,080,000				

Bank Rate



	Bank Rate	SONIA	1 mth	3 mth	6 mth	12 mth
High	2.25	2.19	2.86	3.67	4.49	5.41
High Date	22/09/2022	30/09/2022	26/09/2022	26/09/2022	29/09/2022	29/09/2022
Low	0.75	0.69	0.69	0.92	1.20	1.62
Low Date	01/04/2022	28/04/2022	01/04/2022	01/04/2022	07/04/2022	04/04/2022
Average	1.28	1.22	1.39	1.70	2.12	2.62
Spread	1.50	1.50	2.17	2.75	3.29	3.79

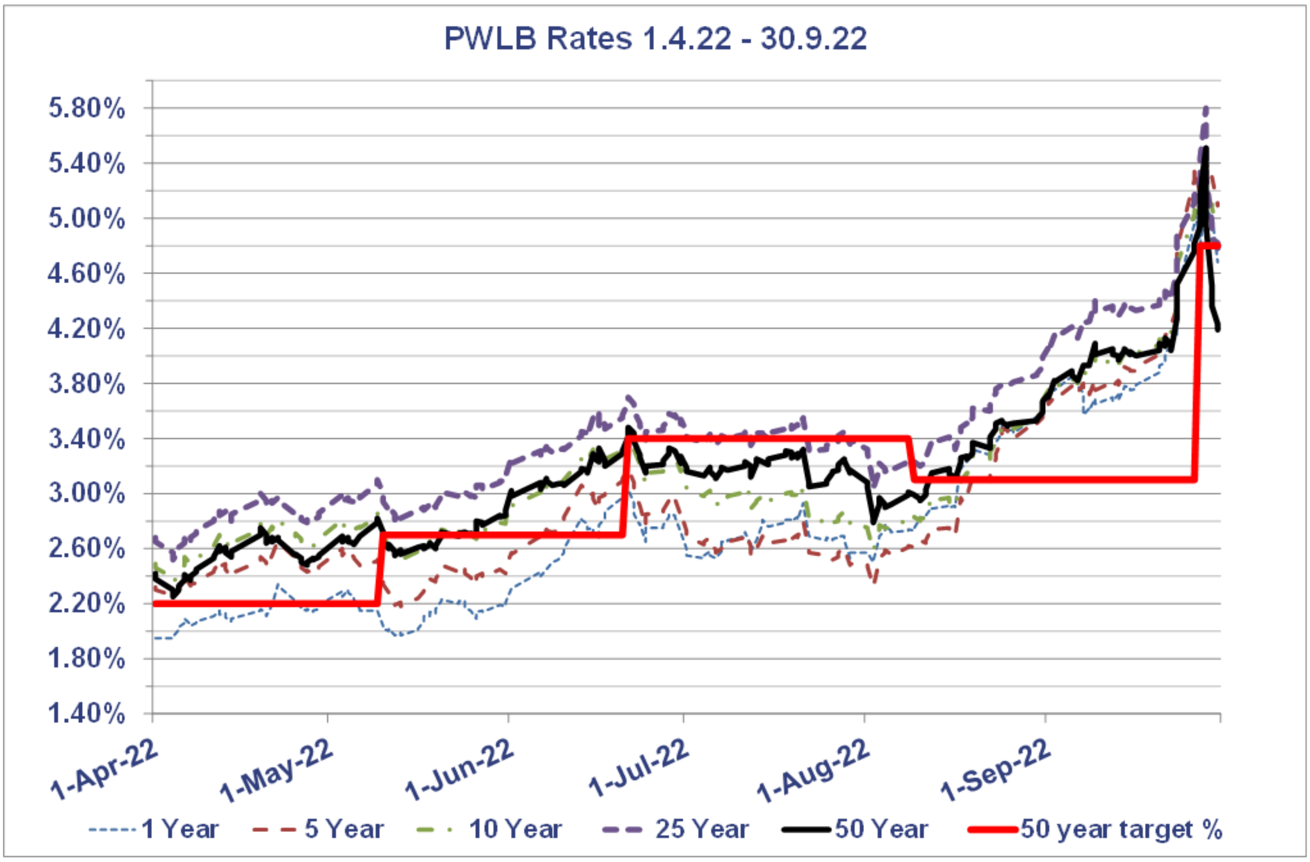
The publication of official LIBOR figures ceased at the close of 2021 and was replaced by a new benchmark, SONIA (Sterling Overnight Index Average), which is the risk-free rate for sterling markets administered by the Bank of England. SONIA is based on actual transactions and reflects the average of the interest rates that banks pay to borrow sterling overnight from other financial institutions and other institutional investors.



	Bank Rate	SONIA	7 day	30 day	90 day	180 day	365 day
High	2.25	2.19	2.19	1.82	1.55	1.22	0.73
High Date	22/09/2022	30/09/2022	30/09/2022	30/09/2022	30/09/2022	30/09/2022	30/09/2022
Low	0.75	0.69	0.69	0.57	0.39	0.23	0.14
Low Date	01/04/2022	28/04/2022	29/04/2022	01/04/2022	01/04/2022	01/04/2022	01/04/2022
Average	1.28	1.22	1.19	1.11	0.91	0.67	0.37
Spread	1.50	1.50	1.50	1.26	1.16	0.99	0.58

Appendix 4

Borrowing – PWLB rates



	1 Year	5 Year	10 Year	25 Year	50 Year
Low	1.95%	2.18%	2.36%	2.52%	2.25%
Date	01/04/2022	13/05/2022	04/04/2022	04/04/2022	04/04/2022
High	5.11%	5.44%	5.35%	5.80%	5.51%
Date	28/09/2022	28/09/2022	28/09/2022	28/09/2022	28/09/2022
Average	2.81%	2.92%	3.13%	3.44%	3.17%
Spread	3.16%	3.26%	2.99%	3.28%	3.26%

Appendix 5

Treasury and Prudential Indicators

Treasury Indicators	2022/23 Budget £’000	30/09/2022 Actual £’000
Authorised limit for external debt	18,000	18,000
Operational boundary for external debt	12,500	12,500
Gross external debt	2,975	1,490
Investments	47,635	51,080
Net borrowing	(44,660)	(49,590)
Maturity structure of fixed rate borrowing - upper limits		
Under 12 months	10%	0%
12 months to 2 years	10%	1.5%
2 years to 5 years	20%	0%
5 years to 10 years	30%	0%
Over 10 years	100%	98.5%
Upper limit for principal sums invested for over 365 days	10,000	1,500

Prudential Indicators	2022/23 Budget £’000	30/09/2022 Actual £’000
Capital expenditure	6,763	9,377
Capital Financing Requirement (CFR)	11,110	15,056
Annual change in CFR	69	4,214
In year borrowing requirement	575	57
Ratio of financing costs to net revenue stream	1.16%	-2.72%