APPENDIX A

CITY OF LINCOLN COUNCIL

TREASURY MANAGEMENT STRATEGY

2023/24

TREASURY MANAGEMENT STRATEGY

Contents

1. BACKGROUND

The Council is required to operate a balanced budget, which broadly means that cash raised during the year will meet cash expenditure. Part of the treasury management operation is to ensure that this cash flow is adequately planned, with cash being available when it is needed. Surplus monies are invested in low-risk counterparties or instruments commensurate with the Council's low risk appetite, providing adequate liquidity initially before considering investment return.

The second main function of the treasury management service is the funding of the Council's capital plans. These capital plans provide a guide to the borrowing need of the Council, essentially the longer-term cash flow planning, to ensure that it can meet its capital spending obligations. This management of longer-term cash may involve arranging long or short-term loans or using longer-term cash flow surpluses. On occasion, when it is prudent and economic, any debt previously drawn may be restructured to meet risk or cost objectives.

The contribution the treasury management function makes to the Council is critical, as the balance of debt and investment operations ensure liquidity or the ability to meet spending commitments as they fall due, either on day-to-day revenue or for larger capital projects. The treasury operations will see a balance of the interest costs of debt and the investment income arising from cash deposits affecting the available budget. Since cash balances generally result from reserves and balances, it is paramount to ensure adequate security of the sums invested, as a loss of principal will in effect result in a loss to the General Fund Balance.

CIPFA defines treasury management as:

"The management of the local authority's borrowing, investments and cash flows, including its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks."

1.1 Treasury Management Reporting

The Council is required to receive and approve, as a minimum, three main treasury reports each year, which incorporate a variety of policies, estimates and actuals.

a. **Prudential and treasury indicators and treasury strategy** (this report) – which includes:
   - Prudential Indicators to ensure that the Council's capital plans are affordable, prudent and sustainable (as required by CIPFA's Prudential Code).
   - a Minimum Revenue Provision (MRP) policy, (how residual capital expenditure is charged to revenue over time as required by DLUHC's MRP Guidance)
   - the Treasury Management Strategy before the start of each financial year (as required by CIPFA's Treasury Management Code); and
   - an Annual Investment Strategy before the start of each financial year (as required by DLUHC's Investment Code).

b. **A mid-year treasury management report –** This is a progress report and will update members on the capital position, amending prudential indicators as necessary, and whether any policies require revision.

c. **An annual treasury report –** This provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

Quarterly reports – In addition to the three major reports detailed above, from 2023/24 quarterly reporting (end of June/end of December) is also required. However, these additional reports do not have to be reported to Full Council but do require to be adequately scrutinised. These reports will be provided as part of the quarterly monitoring process to Performance Scrutiny and Executive Committees.

1.2 Treasury Management Strategy for 2023/24

The Strategy for 2023/24 covers two main areas:

Capital issues

- the capital expenditure plans and the associated prudential indicators
- the minimum revenue provision (MRP) policy

Treasury management issues

- the current treasury position
- treasury indicators which limit the treasury risk and activities of the Council
- prospects for interest rates
- the borrowing strategy
- policy on borrowing in advance of need
- debt rescheduling
- the investment strategy
- creditworthiness policy; and
- the policy on use of external service providers

These elements cover the requirements of the Local Government Act 2003, DLUHC Investment Guidance, DLUHC MRP Guidance, the CIPFA Prudential Code and the CIPFA Treasury Management Code.

1.3 Training

The CIPFA Treasury Management Code requires the responsible officer to ensure that members with responsibility for treasury management receive adequate training in treasury management. This especially applies to members responsible for scrutiny. The Chief Finance Officer is responsible for this function.

Furthermore, the Code states that it expects “all organisations to have a formal and comprehensive knowledge and skills or training policy for the effective acquisition and retention of treasury management knowledge and skills for those responsible for management, delivery, governance and decision making.

The Council will carry out the following to monitor and review knowledge and skills:

- Record attendance at training and ensure action is taken where poor attendance is identified.
- Prepare tailored learning plans for treasury management officers and relevant council members.
- Require treasury management officers and relevant council members to undertake self-assessment against the required competencies.
- Have regular communication with officers and relevant council members, encouraging them to highlight training needs on an ongoing basis.

Training provided to Performance Scrutiny and Audit Committee will consist of two one hour sessions provided by the Council's external treasury management advisors, with additional training arranged as required.

The training needs of treasury management officers are periodically reviewed.

A formal record of the training received by officers central to the Treasury function will be maintained within the Human Resources system. Similarly, a formal record of the treasury management/capital finance training received by members will also be maintained by Democratic Services.

1.4 Treasury Management Consultants

The Council uses Link Group, Link Treasury Services Limited as its external treasury management advisors. Responsibility for treasury management decisions remains with the Council at all times. Although the council will from time to time require the services of specialists, consultants and advisers in order to acquire access to specialist skills, undue reliance will not be placed upon the services and advice provided.

2. THE CAPITAL PRUDENTIAL INDICATORS 2023/24 – 2025/26

The Council's capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members' overview and confirm capital expenditure plans.

2.1 Capital Expenditure and Financing

This prudential indicator is a summary of the Council's capital expenditure plans, both those agreed previously, and those forming part of this budget cycle. Members are asked to approve the capital expenditure forecasts: -

Indicators 1 & 2 **Capital Expenditure**	**2022/23 Estimated £'000**	**2023/24 Estimated £'000**	**2024/25 Estimated £'000**	**2025/26 Estimated £'000**
General Fund	17,860	14,114	10,463	6,236
HRA (including New Build)	20,499	16,462	15,681	11,083
Total Expenditure	**38,359**	**30,576**	**26,144**	**17,319**
Financed by:				
Capital receipts	2,469	1,438	6,439	4,943
Capital grants & contributions	14,385	10,484	4,578	1,141
Depreciation (HRA only)	9,348	9,092	8,645	8,991
Revenue/Reserve Contributions	4,824	5,152	3,452	2,044
Borrowing need	**7,333**	**4,410**	**3,030**	**200**
Total Financing	**38,359**	**30,576**	**26,144**	**17,319**

2.2 The Council's Borrowing Need – the Capital Financing Requirement (CFR)

The CFR is the total historic outstanding capital expenditure which has not yet been paid for from either capital or revenue resources. It is essentially a measure of the Council's underlying borrowing need.

The CFR does not increase indefinitely, as the minimum revenue provision (MRP) is a statutory annual revenue charge which broadly reduces the indebtedness in line with each asset's life, and so charges the economic consumption of capital assets as they are used.

The CFR includes any other long-term liabilities (e.g. Finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of schemes include a borrowing facility by the lease provider and so the Council is not required to separately borrow for these schemes. The CFR includes an allowance for the replacement of the majority of the vehicle fleet under leasing. The CFR has increased to reflect a borrowing requirement for the replacement fleet. This will also increase the MRP charge annually during the lifetime of the lease arrangements.

Based on the capital expenditure plans above the CFR for 2022/23 to 2025/26 is projected to be:

Indicators 3 & 4 **Capital Financing Requirement (CFR)**	**2022/23 Estimated** **£'000**	**2023/24 Estimated** **£'000**	**2024/25 Estimated** **£'000**	**2025/26 Estimated** **£'000**
General Fund	71,401	74,149	74,105	70,262
HRA	78,024	78,803	80,954	80,954
Total CFR	**149,425**	**152,952**	**155,059**	**151,216**
Movement in CFR	**6,567**	**3,527**	**2,107**	**(3,843)**

Net borrowing need for the year	7,333	4,410	3,030	200
Minimum / Voluntary Revenue Provision (MRP/VRP)	(766)	(883)	(923)	(958)
Application of Capital Receipts	0	**0**	0	(3,086)
Movement in CFR	**6,567**	**3,527**	**2,107**	**(3,844)**

Indicator 5 **External Borrowing**	**2022/23 Estimated £'000**	**2023/24 Estimated £'000**	**2024/25 Estimated £'000**	**2025/26 Estimated £'000**
Borrowing	**121,962**	**109,897**	**115,822**	**114,695**

2.3 Liability Benchmark (LB)

The new prudential indicator for 2023/24 is the Liability Benchmark (LB). The Council is required to estimate and measure the LB for the forthcoming financial year and the following two financial years as a minimum.

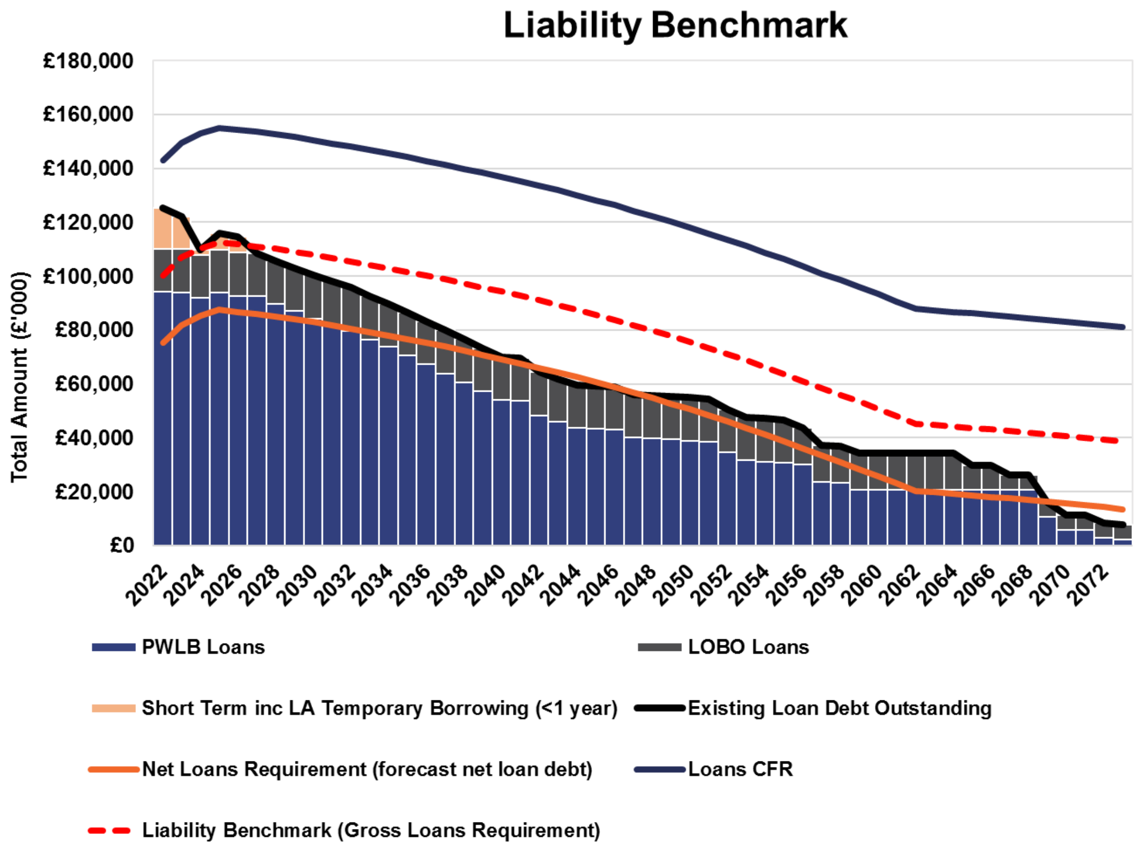
There are four components to the LB:

Existing loan debt outstanding: the Council's existing loans that are still outstanding in future years.

Loans CFR: this is calculated in accordance with the loans CFR definition in the Prudential Code and projected into the future based on approved prudential borrowing and planned MRP.

Net loans requirement: this will show the Council's gross loan debt less treasury management investments at the last financial year-end, projected into the future and based on its approved prudential borrowing, planned MRP and any other major cash flows forecast.

Liability benchmark (or gross loans requirement): this equals net loans requirement plus short-term liquidity allowance.



The chart illustrates that there is no borrowing need, based on the Council's existing portfolio and approved capital expenditure, until 2032. At this point loans that are maturing will need replacing. Currently, for the term of the Medium-Term Financial Strategy the above indicates surplus cash in excess of liquidity requirements which will be invested.

2.4 Minimum Revenue Provision (MRP) Policy Statement

The Council is required to pay off an element of the accumulated General Fund borrowing each year through a revenue charge (the Minimum Revenue Provision) and is also allowed to undertake additional voluntary payments (VRP).

DLUHC Regulations have been issued which require full Council to approve an MRP Statement in advance of each year. A variety of options are provided so long as there is a prudent provision.

Members are recommended to approve the following MRP Statement:

- The Council's MRP policy has been amended for 2022/23 following a comprehensive review of MRP charges and methodology. This updated policy reflects the new MRP calculation methods to be implemented.

- The MRP policy will be:

(A) For supported capital expenditure incurred before 1st April 2008, the Council will apply the Asset Life Method using an annuity calculation over 50 years.

(B) For unsupported borrowing the MRP policy will be:

- Asset Life Method – MRP will be based on the estimated life of the assets on an annuity basis. Asset life is deemed to begin once the asset becomes operational. MRP will commence from the financial year following the one in which the asset becomes operational.

- The MRP calculation will be done on an annual weighted average basis.

- The interest rate applied to the annuity calculations will reflect the market conditions at the time and will for the current financial year be the Council's weighted average borrowing rate.

- MRP in respect of unsupported borrowing taken to meet expenditure, which is treated as capital expenditure by virtue of either a capitalisation direction or regulations, will be determined in accordance with the asset life method as recommended by the statutory guidance.

- MRP in respect of assets acquired under Finance Leases will be charged at a rate equal to the principal element of the annual lease rental.

- MRP Overpayments - The MRP Guidance allows that any charges made in excess of the statutory minimum revenue provision (MRP), i.e., voluntary revenue provision or overpayments, can be reclaimed in later years if deemed necessary or prudent. In order for these sums to be reclaimed for use in the budget, this policy must disclose the cumulative overpayment made each year. There were £0m VRP overpayments up to 31st March 2022.

3. BORROWING

The capital expenditure plans set out in Section 2 provide details of the service activity of the Council. The treasury management function ensures that the Council's cash is organised in accordance with the relevant professional codes, so that sufficient cash is available to meet this service activity and the Council's Capital Strategy. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions, and the Annual Investment Strategy.

3.1 Current Treasury Portfolio Position

The overall treasury management position as at 31/03/22 and for the position as at 31/12/22 are shown below for both borrowing and investments:

	31/03/22 Actuals £'000	%	31/12/22 Actuals £'000	%
Investments				
Banks	21,000	42	31,000	62
Building Societies	0	0	0	0
Money Market Funds	28,850	58	18,700	38
TOTAL	**49,850**	**100**	**49,700**	**100**
Borrowing				
PWLB	94,177	75	93,962	75
Market Loans	16,000	13	16,000	13
Local Authorities	15,000	12	15,000	12
TOTAL	**125,177**	**100**	**124,962**	**100**

The Council's forward projections for borrowing are summarised below. The table shows the actual external debt, against the underlying capital borrowing need, (the Capital Financing Requirement - CFR), highlighting any over or under borrowing.

Indicator 6 **External Debt**	**2022/23 Estimated £'000**	**2023/24 Estimated £'000**	**2024/25 Estimated £'000**	**2025/26 Estimated £'000**
Debt as at 1 April	125,177	121,962	109,897	115,822
Expected change in debt	(3,215)	(12,065)	5,925	(1,127)
Actual gross debt as at 31 March	**121,962**	**109,897**	**115,822**	**114,695**
Capital Financing Requirement	**149,425**	**152,952**	**155,059**	**151,216**
Under/(Over) Borrowing	**27,463**	**43,055**	**39,237**	**36,521**

3.2 Treasury Indicators: Limits to Borrowing Activity

The level of the proposed operational and authorised limits is based on an assessment of the level of borrowing required to meet the Capital Financing Requirement (CFR) and also an allowance for temporary borrowing for working capital and also in lieu of other capital financing sources (e.g. capital receipts). Financial modelling has been carried out for both and the affordability and sustainability of the potential borrowing requirement has been assessed and can be contained within the Draft MTFS 2023-28.

The Operational Boundary - boundary based on the expected maximum external debt during the course of the year.

Indicator 8 **Operational Boundary**	**2022/23 Estimated £'000**	**2023/24 Estimated £'000**	**2024/25 Estimated £'000**	**2025/26 Estimated £'000**
Debt	131,962	119,897	125,822	124,695
Other long-term liabilities	1,200	1,200	1,200	1,200
Total	**133,162**	**121,097**	**127,022**	**125,895**

The Authorised Limit for external debt - represents a legal limit beyond which external debt is prohibited, and this limit needs to be set or revised by the Full Council. It reflects the level of external debt which, while not desired, could be afforded in the short-term, but is not sustainable in the longer-term.

Indicator 7 **Authorised Limit**	**2022/23 Estimated £'000**	**2023/24 Estimated £'000**	**2024/25 Estimated £'000**	**2025/26 Estimated £'000**
Debt	135,540	124,262	131,843	131,511
Other long-term liabilities	1,380	1,380	1,380	1,380
Total	**136,920**	**125,642**	**133,223**	**132,891**

3.3 Prospects for Interest Rates

The Council has appointed Link Group as its treasury advisor and part of their service is to assist the Council to formulate a view on interest rates. Link provided the following forecasts on 08.11.22. These are forecasts for certainty rates, gilt yields plus 80 bps.

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, Link 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 2022/23. 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.)

3.4 Borrowing Strategy

The Council is currently maintaining an under-borrowed position. This means that the capital borrowing need (the CFR), has not been fully funded with loan debt as cash supporting the Council's reserves, balances and cash flow has been used as a temporary measure. This strategy is prudent as medium and longer dated borrowing rates are expected to fall from their current levels once prevailing inflation concerns are addressed by tighter near-term monetary policy. That is, Bank Rate increases over the first half of 2023.

Against this background and the risks within the economic forecast, caution will be adopted with the 2023/24 treasury operations. The Chief Finance Officer will monitor interest rates in financial markets and adopt a pragmatic approach to changing circumstances:

- If it was felt that there was a significant risk of a sharp fall in long term rates e.g. due to a marked increase of risks around a relapse into recession or of risks of deflation, then long term borrowings will be postponed, and potential rescheduling from fixed rate funding into short term borrowing will be considered.

- If it was felt that there was a significant risk of a much sharper rise in long and short term rates than that currently forecast, perhaps arising from a greater than expected increase in world economic activity or a sudden increase in inflation risks, then the portfolio position will be reappraised with the likely action that fixed rate funding will be drawn whilst interest rates remain low.

The Council's overall core borrowing objectives will remain uniform and follow a similar pattern to previous years as follows:

- To reduce the revenue costs of debt.
- To manage the Council's debt maturity profile, leaving no one future year with a high level of repayments that might cause problems in re-borrowing.
- To effect funding at the cheapest cost commensurate with future risk.
- To forecast average future interest rates and borrow accordingly i.e. short term/variable when rates are 'high', long term/fixed when rates are 'low'.
- To monitor and review the level of variable rate loans in order to take greater advantage of interest rate movements.
- To proactively reschedule debt in order to take advantage of potential savings as interest rates change. Each rescheduling exercise will be considered in terms of the effect of premiums and discounts on the General Fund and the Housing Revenue Account.
- To manage the day-to-day cash flow of the Council in order to, where possible, negate the need for short-term borrowing. However, short-term borrowing will be incurred, if it is deemed prudent to take advantage of good investment rates.

There is unsupported borrowing in the General Fund Investment Programme (GIP) as detailed in the Capital Strategy – the requirement to produce a Capital Strategy was introduced in 2018. The Council expects to take out loans for the General Fund however, will continue to use internal balances whilst interest rates on investments remain low. Officers are continually evaluating the cost effectiveness of borrowing as opposed to selling capital assets. Proposals are presented to Members when borrowing becomes more cost effective.

The strategy allows for additional borrowing in line with the expected movement in the Capital Financing Requirement (CFR), should it become necessary for cash flow requirements. The Council will consider PWLB loans, Market loans, the Municipal Bond Agency and other financial institutions, if attractive rates are offered. In addition, should schemes be identified that benefit the Council's strategic aims and be deemed cost effective, i.e. Invest to Save schemes where the income streams more than pay for the borrowing costs, unsupported borrowing will be considered

3.5 Policy on Borrowing in Advance of Need

The Council has some flexibility to borrow funds this year for use in future years. The Chief Finance Officer may do this under delegated power where, for instance, a sharp rise in interest rates is expected, and so borrowing early at fixed interest rates will be economically beneficial or meet budgetary constraints. Whilst the Chief Finance Officer will adopt a cautious approach to any such borrowing, where there is a clear business case for doing so borrowing may be undertaken to fund the approved capital programme or to fund future debt maturities. Borrowing in advance will be made within the constraints that:

- It will be limited to no more than 75% of the expected increase in borrowing need (CFR) over the three year planning period; and
- Would not look to borrow more than 36 months in advance of need

Risks associated with any advance borrowing activity will be subject to appraisal in advance and subsequent reporting through the mid-year or annual reporting mechanism.

3.6 Rescheduling

Rescheduling of current borrowing in our debt portfolio is unlikely to occur as there is still a large difference between premature redemption rates and new borrowing rates.

If rescheduling is to be undertaken, it will be reported to the Corporate Management Team.

4. INVESTMENT STRATEGY

4.1 Investment Policy – Management of Risk

The Council's investment strategy's primary objectives are safeguarding the repayment of the principal and interest of its investments on time, ensuring adequate liquidity, with the investment return being the final objective.

The intention of the strategy is to provide security of investment and minimisation of risk.

The aim of the strategy is to generate a list of highly creditworthy counterparties which will also enable diversification and thus avoidance of concentration risk.

In the current economic climate, it is considered appropriate to maintain a degree of liquidity to cover cash flow needs but the Council will also consider "laddering" investments for periods up to 12 months with high credit rated financial institutions, whilst investment rates remain elevated.

In line with this aim, the Council will ensure:

- It maintains a policy covering the types of specified and unspecified investments it will invest in, criteria for choosing investment counterparties with adequate security and monitoring their security. This is set out in the paragraphs below.
    - **Specified Investments** – these are high security investments (i.e. high credit quality) and high liquidity investments in sterling with a maturity of no more than one year**.**
    - **Non-specified Investments** – investments that do not fall into the category of Specified Investments, representing a potential greater risk (e.g. over one year).
- It has sufficient liquidity in its investments. For this purpose, it will set out procedures for determining the maximum periods for which funds may prudently be committed. These procedures also apply to the Council's prudential indicators covering the maximum principal sums invested.

4.2 Creditworthiness Policy

<u>Investment Counterparty Selection Criteria</u>

The primary principle governing the Council's investment criteria is the security of its investments although the yield or return on the investment is also a key consideration. After this main principle the Council will ensure:

- It maintains a policy covering both the categories of investment types it will invest in, criteria for choosing investment counterparties with adequate security, and monitoring their security. This is set out in the Specified and Non-Specified investment sections below.

- It has sufficient liquidity in its investments. For the purpose it will set out procedures for determining the maximum periods for which funds may be prudently committed. These procedures also apply to the Council's prudential indicators covering the maximum principal sums invested.

The Chief Finance Officer will maintain a counterparty list in compliance with the criteria set out and will revise the criteria and submit them to Council for approval as necessary. These criteria are separate to that which chooses Specified and Non-Specified investments as they provide an overall pool of counterparties considered high-quality which the Council may use rather than defining what its investments are.

As a result of the financial pressures the Council faces, the identification of savings and income generation are critical to the delivery of the Medium Term Financial Strategy. Treasury Management is an important area for further income generation and therefore, the main theme of the Council's investment strategy must continue to be to maximise interest from investments, after ensuring adequate security and liquidity. The Investment Strategy 2023/24 seeks to achieve this objective by establishing a pool of counterparties available for investment whilst still containing overall risk within acceptable levels.

The Council uses Link Group' creditworthiness service. This service employs a sophisticated modelling approach utilising credit ratings from the three main credit rating agencies – Fitch, Moody's and Standard and Poor's.

In accordance with the guidance from the DLUHC and CIPFA, and in order to minimise the risk to investments, the Council applies minimum acceptable credit criteria in order to generate a list of highly creditworthy counterparties which also enables diversification and thus avoidance of concentration risk. The key ratings used to monitor counterparties are the Short Term and Long Term ratings.

As with previous practice, ratings will not be the sole determinant of the quality of an institution; it is important to continually assess and monitor the financial sector on both a micro and macro basis and in relation to the economic and political environments in which institutions operate. The assessment will also take account of information that reflects the opinion of the markets, engaging with its advisors to maintain a monitor on market pricing such as "credit default swaps" and overlay that information on top of the credit ratings. This is fully integrated into the creditworthiness methodology provided by Link Group . The result is a colour coding system, which shows the varying degrees of suggested creditworthiness.

Alongside the credit ratings other information sources are used and include the financial press, share price and other such information pertaining to the banking sector in order to establish the most robust scrutiny process with regard to the suitability of potential investment counterparties.

The credit ratings of counterparties are supplemented with the following overlays:

- Credit watches and credit outlooks from credit rating agencies;
- Credit Default Swaps (CDS) spreads to give early warning of likely changes in credit ratings;
- Sovereign ratings to select counterparties from only the most creditworthy countries.

This modelling approach combines credit ratings, credit watches and credit outlooks in a weighted scoring system which is then combined with an overlay of CDS spreads resulting in a series of colour coded bands which indicate the relative creditworthiness of counterparties. These colour codes are used by the Council to determine the suggested duration for investments. The Council will therefore use counterparties within the following durational bands:

Yellow	**5 years**
Purple	**2 years**
Blue	**1 year (only applies to part-government owned UK banks)**
Orange	**1 year**
Red	**6 months**
Green	**100 days**
No colour	**Not to be used**

The Link Group creditworthiness service uses a wider array of information than primary ratings alone and by using a risk weighted scoring system, does not give undue preponderance to just one agency's ratings.

Typically, the minimum credit ratings criteria the Council use will be a Short Term rating (Fitch or equivalents) of F1 and a Long Term rating of A-. There may be occasions when the counterparty ratings from one rating agency are marginally lower than these ratings but may still be used. In these instances, consideration will be given to the whole range of ratings available, or other topical market information, to support their use.

The credit ratings specified above are defined as follows:-
F1 (short term rating) – Highest credit quality
A- (long term rating) – High credit quality, denoting a very strong bank

All credit ratings will be monitored regularly. The Council is alerted to changes to ratings of all three agencies through its use of Link's creditworthiness service.

- If a downgrade results in the counterparty no longer meeting the Council's minimum criteria, its further use as a new investment will be withdrawn immediately.
- In addition to the use of credit ratings the Council will be advised of information in movements in credit default swap spreads against the iTraxx benchmark and other market data on a weekly basis. Extreme market movements may result in downgrade of an institution or removal from the Council's counterparty list.

Sole reliance will not be placed on the use of this external service. In addition the Council will also use market data and market information, information on sovereign support for banks and the credit ratings of that supporting government.

Y	Pi1	Pi2	P	B	O	R	G	N/C
1	1.25	1.5	2	3	4	5	6	7
Up to 5yrs	Up to 5yrs	Up to 5yrs	Up to 2yrs	Up to 1yr	Up to 1yr	Up to 6mths	Up to 100days	No Colour

Institution	Minimum credit criteria/colour band	Maximum limit per group or institution £	Maximum maturity period
SPECIFIED INVESTMENTS			
UK Bank [*1]	Orange/Blue Red Green	£7 million	1 year 6 months 100 days
Non-UK Banks[*1] Sovereign rating AA	Orange Red Green	£7 million	1 year 6 months 100 days
Building Society[*2]	Orange Red Green	£5 million	1 year 6 months 100 days
Money Market Fund CNAV[*3]	Yellow	£7 million	Liquid
Money Market Fund LVNAV[*3]			
Money Market Fund VNAV[*3]			
UK Government[*4]	Yellow	unlimited	6 months
UK Local Authority[*4]	Yellow	£3 million	1 year
NON-SPECIFIED INVESTMENTS			
UK Bank[*1]	Purple	£7 million	2 years
Non-UK Banks[*1]			

Sovereign rating AA	Purple	£7 million	2 years
Building Society*2	Purple Yellow	 £2 million	2 years 5 years
UK Local Authority*4	Yellow	£3 million	5 years
Lincoln Credit Union	N/A	£10K	N/A
Council's own bank*5 (operational cash limit in addition to investment group limit)	N/A	£500K	Overnight

***1**Where the term 'Bank' is used, this denotes a UK or European Bank authorised to accept deposits through a bank account incorporated within the UK banking sector. The maximum amount indicated is the 'Group total' and covers the total amount that can be invested when spread over any number of subsidiaries within that group.
***2** Where the term Building Society is used, this denotes a UK Building Society.
***3** Money market funds (MMF) are mutual funds that invest in short-term high quality debt instruments. The assets are actively managed within very specific guidelines to offer liquidity and competitive returns. Recently MMFs have changed from a constant net asset value basis to a low volatility net asset value. Although money funds are regarded as short-term investments the rating agencies use a classification system based on long-term debt ratings.
***4** The UK Government (i.e. HM Treasury and its Executive Agency, the Debt Management Office) and Local Authorities, although not rated as such, are classified as having the equivalent of the highest possible credit rating.
***5**This limit covers normal treasury management activities but excludes any deposits received after money market trading has closed.
It allows up to £500K of operational cash to be held in the Council's main bank account in addition to the group investment limit for the bank, if the bank is included on the Council's counterparty list.

4.3 Limits

Country and Sector Considerations

Due care will be taken to consider the country, group and sector exposure of the Council's investments. In part the country selection will be chosen by the credit rating of the Sovereign state. In addition.

- No more than 50% will be placed with any non-UK country at any time.
- Group limits have been set to ensure that the Council is not exposed to excessive risk due to concentration of investments within any one institution or group. These are detailed in the Investment Counterparty Limits table.

Although the strategy sets a limit for investment in non-UK countries at no more than 50%, the Council has been operating a tighter operational strategy in the light of the Eurozone difficulties and has not been investing outside the UK. This operational restriction will continue until the problems in the Eurozone economy have been sufficiently resolved.

In the normal course of the Council's cash flow operations it is expected that both Specified and Non-specified investments will be used for the control of liquidity as both categories allow for short-term investments. The Chief Finance Officer will strive to keep investments within the Non-specified category to a prudent level (having regard to security and liquidity before yield). To these ends the Council will maintain a maximum of 75% of investments in Non-specified investments.

The use of longer-term instruments (greater than one year from inception to repayment) will fall in the non-specified investment category. These instruments will only be used where the Council's liquidity requirements are safeguarded. The investment in longer-term instruments is also limited as shown in paragraph 4.4, which gives the maximum amount to be invested over 1 year, as well as the limits on the amounts that can be placed with the categories within the non-specified range of investments (see above table, section 4.2).

Expectations on shorter-term interest rates, on which investment decisions are based, reflect the fact that an increase in the current 3.5% Bank Rate is likely during 2023. The Council's investment decisions are based on comparisons between the rises priced into market rates against the Council's and advisers own forecasts.

There are operational challenges arising from the ongoing economic conditions. Ideally investments would be invested longer to secure better returns, however shorter dated investments provide better security.

The criteria for choosing counterparties set out above provide a sound approach to investment in difficult market circumstances.

4.4 Investment Strategy

Investment returns expectations.
The current forecast shown in paragraph 3.3, includes a forecast for Bank Rate to reach 4.5% in Q2 2023. The suggested budgeted investment earnings rates for returns on investments placed for periods up to about three months during each financial year are as follows: -

Average earnings in each year	
2022/23 (remainder)	3.95%
2023/24	4.40%
2024/25	3.30%
2025/26	2.60%
2026/27	2.50%
Years 6 to 10	2.80%
Years 10+	2.80%

As there are so many variables at this time, caution must be exercised in respect of all interest rate forecasts.

Investment treasury indicator and limit - total principal funds invested for greater than 365 days. These limits are set with regard to the Council's liquidity requirements and to reduce the need for early sale of an investment and are based on the availability of funds after each year-end.

The Council is asked to approve the following treasury indicator and limit: -

Indicator 11 Upper Limit for Fixed Interest Rates	2023/24 £m	2024/25 £m	2025/26 £m
	100%	100%	100%

Indicator 12 Upper Limit for Variable Interest Rates	2023/24 £m	2024/25 £m	2025/26 £m
	40%	40%	40%

Indicator 14 Maximum Principal Sums Invested for longer than 365 days	2023/24 £m	2024/25 £m	2025/26 £m
	7	7	7

4.5 Investment Performance / Risk Benchmarking

Yield benchmarks are widely used to assess investment performance. Discrete security and liquidity benchmarks are also requirements to Treasury Management reporting, although the application of these is more subjective in nature.

These benchmarks are simple guides to maximum risk and so may be breached from time to time, depending on movements in interest rates and counterparty criteria. The purpose of the benchmark is that officers will monitor the current and trend position and amend the operational strategy to manage risk as conditions change. Any breach of the benchmarks will be reported, with supporting reasons in the Mid-Year or Annual Report.

<u>Security</u>

The Council's expected security risk benchmark for the current portfolio, when compared to these historic default tables, is:

0.013% historic risk of default when compared to the whole portfolio.

<u>Liquidity</u>

In respect of this area the Council seeks to maintain:

- Bank overdraft - £nil.
- Liquid short term deposits of at least £5 million available with a week's notice.

Weighted Average Life benchmark is expected to be 0.11 years.

<u>Yield</u>

Local measure of yield benchmark employed is:

- Investments – return above the 7 day SONIA compounded rate.

5 APPENDICES

1. Prudential and treasury indicators
2. Interest rate forecasts
3. Economic background
4. Approved countries for investments
5. Treasury Management Practices

APPENDIX 1 - THE CAPITAL PRUDENTIAL AND TREASURY INDICATORS 2023/24 – 2025/26

The Council's capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members' overview and confirm capital expenditure plans.

Capital Expenditure

Capital Expenditure	2022/23 Estimated £'000	2023/24 Estimated £'000	2024/25 Estimated £'000	2025/26 Estimated £'000
General Fund	17,860	14,114	10,463	6,236
HRA (including New Build)	20,499	16,462	15,681	11,083
Total Expenditure	**38,359**	**30,576**	**26,144**	**17,319**

Affordability Prudential Indicators

The previous sections cover the overall capital and control of borrowing prudential indicators, but within this framework prudential indicators are required to assess the affordability of the capital investment plans. These provide an indication of the impact of the capital investment plans on the Council's overall finances. The Council is asked to approve the following indicators: -

Ratio of Financing Costs to Net Revenue Stream

This indicator identifies the trend in the cost of capital, (borrowing and other long-term obligation costs net of investment income), against the net revenue stream.

Indicators 9 & 10 Ratio Financing Costs : Net Revenue Stream	2022/23 Estimated %	2023/24 Estimated %	2024/25 Estimated %	2025/26 Estimated %
General Fund	13.2%	14.4%	15.9%	17.6%
HRA (including New Build)	27.5%	28.3%	27.6%	26.8%

Maturity Structure of Borrowing

These gross limits are set to reduce the Council's exposure to large fixed rate sums falling due for refinancing at the same time and are required for upper and lower limits.

Indicator 13 Maturity Structure of fixed borrowing	2023/24		2024/25		2025/26	
	Lower	Upper	Lower	Upper	Lower	Upper
Under 12 months	0%	40%	0%	40%	0%	40%
12 months to 2 years	0%	40%	0%	40%	0%	40%
2 years to 5 years	0%	60%	0%	60%	0%	60%
5 years to 10 years	0%	80%	0%	80%	0%	80%
10 years and above	10%	100%	10%	100%	10%	100%

Control of Interest Rate Exposure

Please see paragraphs 3.2, 3.4 and 4.4.

APPENDIX 2 - INTEREST RATE FORECASTS 2022-2025

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

PWLB forecasts are based on PWLB certainty rates.

APPENDIX 3 - ECONOMIC BACKGROUND

Against a backdrop of stubborn inflationary pressures, the easing of Covid restrictions in most developed economies, the Russian invasion of Ukraine, and a range of different UK Government policies, it is no surprise that UK interest rates have been volatile right across the curve, from Bank Rate through to 50-year gilt yields, for all of 2022.

Market commentators' misplaced optimism around inflation has been the root cause of the rout in the bond markets with, for example, UK, EZ and US 10-year yields all rising by over 200bps since the turn of the year. The table below provides a snapshot of the conundrum facing central banks: inflation is elevated but labour markets are extra-ordinarily tight, making it an issue of fine judgment as to how far monetary policy needs to tighten.

	UK	**Eurozone**	**US**
Bank Rate	3.0%	1.5%	3.75%-4.00%
GDP	-0.2%q/q Q3 (2.4%y/y)	+0.2%q/q Q3 (2.1%y/y)	2.6% Q3 Annualised
Inflation	11.1%y/y (Oct)	10.0%y/y (Nov)	7.7%y/y (Oct)
Unemployment Rate	3.6% (Sep)	6.6% (Sep)	3.7% (Aug)

Q2 of 2022 saw UK GDP revised upwards to +0.2% q/q, but this was quickly reversed in the third quarter, albeit some of the fall in GDP can be placed at the foot of the extra Bank Holiday in the wake of the Queen's passing. Nevertheless, CPI inflation has picked up to what should be a peak reading of 11.1% in October, although with further increases in the gas and electricity price caps pencilled in for April 2023, and the cap potentially rising from an average of £2,500 to £3,000 per household, there is still a possibility that inflation will spike higher again before dropping back slowly through 2023.

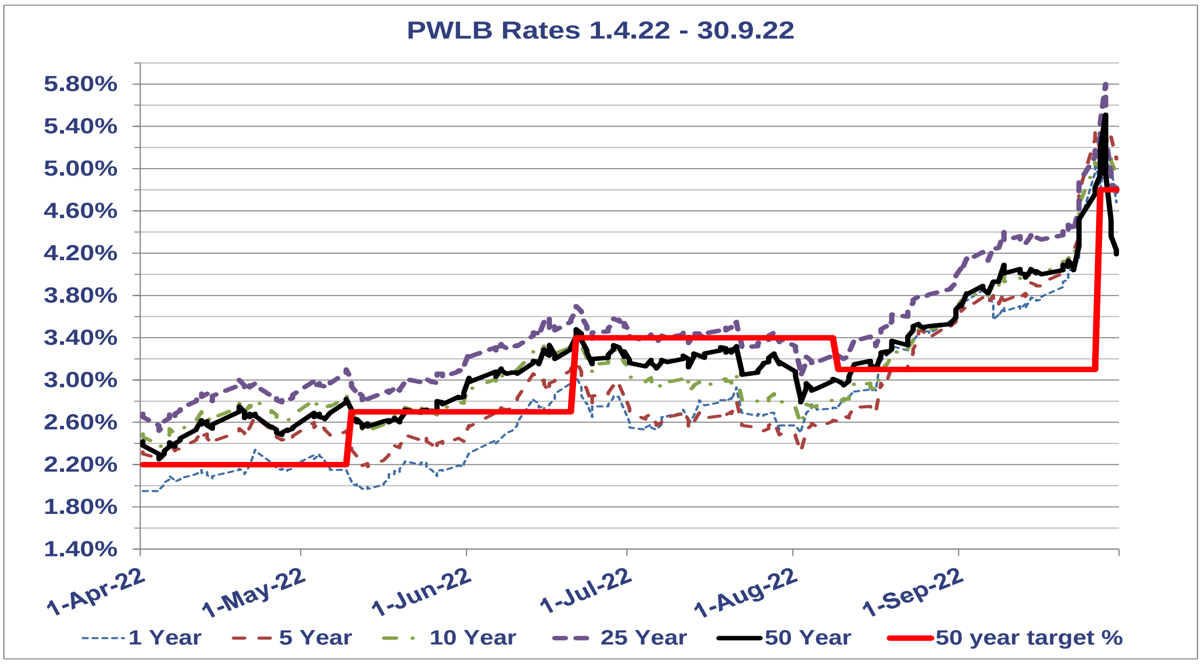
The UK unemployment rate fell to a 48-year low of 3.6%, and this despite a net migration increase of c500k. The fact is that with many economic participants registered as long-term sick, the UK labour force actually shrunk by c£500k in the year to June. Without an increase in the labour force participation rate, it is hard to see how the UK economy will be able to grow its way to prosperity, and with average wage increases running at 5.5% - 6% the MPC will be concerned that wage inflation will prove just as sticky as major supply-side shocks to food and energy that have endured since Russia's invasion of Ukraine on 22nd February 2022.

Throughout Q3 Bank Rate increased, finishing the quarter at 2.25% (an increase of 1%). Q4 has seen rates rise to 3% in November and the market expects Bank Rate to hit 4.5% by May 2023.

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.

In the table below, the rise in gilt yields, and therein PWLB rates, through the first half of 2022/23 is clear to see.



However, the peak in rates on 28th September as illustrated in the table covering April to September 2022 below, has been followed by the whole curve shifting ever lower. PWLB rates at the front end of the curve are generally over 1% lower now whilst the 50 years is over 1.75% lower.

	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%

After a shaky start to the year, the S&P 500 and FTSE 100 have climbed in recent weeks, albeit the former is still 17% down and the FTSE 2% up. The German DAX is 9% down for the year.

CENTRAL BANK CONCERNS – NOVEMBER 2022

At the start of November, the Fed decided to push up US rates by 0.75% to a range of 3.75% - 4%, whilst the MPC followed a day later by raising Bank Rate from 2.25% to 3%, in line with market expectations. EZ rates have also increased to 1.5% with further tightening in the pipeline.

Having said that, the press conferences in the US and the UK were very different. In the US, Fed Chair, Jerome Powell, stated that rates will be elevated and stay higher for longer than markets had expected. Governor Bailey, here in the UK, said the opposite and explained that the two economies are positioned very differently so you should not, therefore, expect the same policy or messaging.

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 4 - APPROVED COUNTRIES FOR INVESTMENT

This list is based on those countries which have sovereign ratings of AA- or higher, (we show the lowest rating from Fitch, Moody's and S&P) and also, (except - at the time of writing - for Hong Kong and Luxembourg), have banks operating in sterling markets which have credit ratings of green or above in the Link creditworthiness service.

Based on lowest available rating

AAA

- Australia
- Denmark
- Germany
- Netherlands
- Norway
- Singapore
- Sweden
- Switzerland

AA+

- Canada
- Finland
- U.S.A.

AA

- Abu Dhabi (UAE)
- France

AA-

- Belgium
- Qatar
- **U.K.**

THIS LIST IS AS AT 2.12.22