Appendix I

Treasury Management Strategy Statement 2021/22

Introduction

1.0 Treasury management is the management of the Council's cash flows, borrowing and investments, and the associated risks. The Council has borrowed and invested substantial sums of money and is therefore exposed to financial risks including the loss of invested funds and the revenue effect of changing interest rates. The successful identification, monitoring and control of financial risk are therefore central to the Council's prudent financial management.

2.0 Treasury risk management at the Council is conducted within the framework of the Chartered Institute of Public Finance and Accountancy's *Treasury Management in the Public Services: Code of Practice 2017 Edition* (the CIPFA Code) which requires the Council to approve a treasury management strategy before the start of each financial year. This report fulfils the Council's legal obligation under the *Local Government Act 2003* to have regard to the CIPFA Code.

External Context

3.0 The impact on the UK from coronavirus, lockdown measures, the rollout of vaccines, as well as the new trading arrangements with the European Union (EU), will remain major influences on the Council's treasury management strategy for 2021/22.

4.0 The Bank of England (BoE) maintained Bank Rate at 0.10% in December 2020 and Quantitative Easing programme at £895 billion having extended it by £150 billion in the previous month. The Monetary Policy Committee (MPC) voted unanimously for both, but no mention was made of the potential future use of negative interest rates. In the November Monetary Policy Report (MPR) forecasts, the Bank expects the UK economy to shrink -2% in Q4 2020 before growing by 7.25% in 2021, lower than the previous forecast of 9%. The BoE also forecasts the economy will now take until Q1 2022 to reach its pre-pandemic level rather than the end of 2021 as previously forecast. By the time of the December MPC announcement, a COVID-19 vaccine was approved for use, which the Bank noted would reduce some of the downside risks to the economic outlook outlined in the November MPR.

5.0 UK Consumer Price Inflation (CPI) for November 2020 registered 0.3% year on year, down from 0.7% in the previous month. Core inflation, which excludes the more volatile components, fell to 1.1% from 1.5%. The most recent labour market data for the three months to October 2020 showed the unemployment rate rose to 4.9% while the employment rate fell to 75.2%. Both measures are expected to deteriorate further due to the ongoing impact of coronavirus on the jobs market, particularly when the various government job retention schemes start to be unwound in 2021, with the BoE forecasting unemployment will peak at 7.75% in Q2 2021. In October, the headline 3-month average annual growth rate for wages were 2.7% for total pay and 2.8% for regular pay. In real terms, after adjusting for inflation, total pay growth was up by 1.9% while regular pay was up 2.1%.

6.0 GDP growth rebounded by 16.0% in Q3 2020 having fallen by -18.8% in the second quarter, with the annual rate rising to -8.6% from -20.8%. All sectors rose quarter-on-quarter, with dramatic gains in construction (41.2%), followed by services and production (both 14.7%). Monthly GDP estimates have shown the economic recovery slowing and remains well below its pre-pandemic peak. Looking ahead, the BoE's November MPR forecasts economic growth will rise in 2021 with GDP reaching 11% in Q4 2021, 3.1% in Q4 2022 and 1.6% in Q4 2023.

7.0 GDP growth in the euro zone rebounded by 12.7% in Q3 2020 after contracting by -3.7% and -11.8% in the first and second quarters, respectively. Headline inflation, however, remains extremely weak, registering -0.3% year-on-year in November, the fourth successive month of deflation. Core inflation registered 0.2% y/y, well below the European Central Bank's (ECB) target of 'below, but close to 2%'. The ECB is expected to continue holding its main interest rate of 0% and deposit facility rate of -0.5% for some time but expanded its monetary stimulus in December 2020, increasing the size of its asset purchase scheme to €1.85 trillion and extended it until March 2022.

8.0 The US economy contracted at an annualised rate of 31.4% in Q2 2020 and then rebounded by 33.4% in Q3. The Federal Reserve maintained the Fed Funds rate at between 0% and 0.25% and announced a change to its inflation targeting regime to a more flexible form of average targeting. The Fed also provided strong indications that interest rates are unlikely to change from current levels over the next three years.

9.0 Former vice-president Joe Biden won the 2020 US presidential election. Mr Biden is making tackling coronavirus his immediate priority and will also be reversing several executive orders signed by his predecessor and take the US back into the Paris climate accord and the World Health Organization.

Credit Outlook

10.0 After spiking in late March as coronavirus became a global pandemic and then rising again in October/November, credit default swap (CDS) prices for the larger UK banks have steadily fallen back to almost pre-pandemic levels. Although uncertainly around COVID-19 related loan defaults lead to banks provisioning billions for potential losses in the first half of 2020, drastically reducing profits, reported impairments for Q3 were much reduced in some institutions. However, general bank profitability in 2020 and 2021 may be significantly lower than in previous years.

11.0 The credit ratings for many UK institutions were downgraded on the back of downgrades to the sovereign rating. Credit conditions more generally though in banks and building societies have tended to be relatively stable, despite the impact of the pandemic.

12.0 Looking forward, the potential for bank losses to be greater than expected when government and central bank support starts to be removed remains a risk, suggesting a cautious approach to bank deposits in 2021/22 remains advisable.

Interest Rate Forecast

13.0 The Council's treasury management adviser Arlingclose is forecasting that BoE Bank Rate will remain at 0.1% until at least the first quarter of 2024. The risks to this forecast are judged to be to the downside as the BoE and UK government continue to react to the coronavirus pandemic and the new EU trading arrangements. The BoE extended its asset purchase programme to £895 billion in November while keeping Bank Rate on hold and maintained this position in December. However, further interest rate cuts to zero, or possibly negative, cannot yet be ruled out but this is not part of the Arlingclose central forecast.

14.0 Gilt yields are expected to remain very low in the medium-term while short-term yields are likely remain below or at zero until such time as the BoE expressly rules out the chance of negative interest rates or growth/inflation prospects improve. The central case is for 10-year and 20-year to rise to around 0.60% and 0.90% respectively over the time horizon. The risks around the gilt yield forecasts are judged to be broadly balanced between upside and downside risks, but there will almost certainly be short-term volatility due to economic and political uncertainty and events.

15.0 A more detailed economic and interest rate forecast provided by Arlingclose is attached at ***Appendix 1***.

Local Context

16.0 On 31st December 2020, the Council held £549.7m of borrowing (£462.7m long term and £87.0m short term) and £32.9m of investments. This is set out in further detail at ***Appendix 2***. Forecast changes in these sums are shown in the balance sheet analysis in Table 1 below.

Table 1: Balance sheet summary and forecast

£m	2019/20 Actual	2020/21 Forecast	2021/22 Forecast	2022/23 Forecast
General Fund CFR	590.0	655.8	739.1	794.7
HRA CFR	231.8	274.7	293.8	314.5
Total CFR	**821.8**	**930.5**	**1,032.9**	**1,109.2**
Existing Borrowing	(598.8)	(462.5)	(456.9)	(455.5)
Borrowing required to meet CFR	**222.9**	**468.0**	**576.0**	**653.7**
Projected Usable Reserves	396.8	369.8	354.7	369.8
Projected Working Capital	(64.2)	(91.9)	(91.9)	(91.9)
Available Cash Reserves	**332.6**	**277.9**	**262.8**	**277.9**
Investments (or New borrowing)	**109.7**	**(190.1)**	**(313.2)**	**(375.8)**

17.0 The underlying need to borrow for capital purposes is measured by the Capital Financing Requirement (CFR), while usable reserves and working capital are the underlying resources available for investment. The Council's strategy has been to maintain borrowing and investments below their underlying levels, sometimes known as internal borrowing. This means the Council has minimised its interest costs by utilising internal resources over the short term instead of undertaking more expensive external borrowing. As our internal resources are being depleted, there is a need for the Council to undertake new external borrowing. The Council will need to borrow up to £363m to fund projects within the capital programme over the next 5 years.

18.0 CIPFA's *Prudential Code for Capital Finance in Local Authorities* recommends that the Council's total debt should be lower than its highest forecast CFR over the next three years. Table 1 shows that the Council expects to comply with this recommendation during 2021/22.

Borrowing Strategy

19.0 The Council currently holds £549.7 million of loans, a decrease of £49.1 million on the previous year, due to the repayments of short term loans throughout the year. The balance sheet forecast in Table 1 shows that the Council expects to borrow up to £313.2 million by 2021/22 however, this is largely dependent on how the capital programme progresses. The Council may also borrow additional sums to pre-fund future years' requirements, providing this does not exceed the authorised limit for borrowing of £1.3 billion.

20.0 **Objectives:** The Council's main objective when borrowing money is to strike an appropriately low risk balance between securing low interest costs and achieving certainty of those costs over the period for which funds are required. The flexibility to renegotiate loans should the Council's long-term plans change is a secondary objective.

21.0 **Strategy:** Given the significant cuts to public expenditure and in particular to local government funding, the Council's borrowing strategy continues to address the key issue of affordability without compromising the longer-term stability of the debt portfolio. With short-term interest rates currently much lower than long-term rates, it is likely to be more cost effective in the short-term to either use internal resources, or to borrow short-term loans instead. By doing so, the Council is able to reduce net borrowing costs (despite foregone investment income) and reduce overall treasury risk. The benefits of short term borrowing will be monitored regularly against the potential for incurring additional costs by deferring borrowing into future years when long-term borrowing rates are forecast to rise modestly. The cost of carry exercise which will evaluate the cost of borrowing now to borrowing in the future will determine whether the Council borrows additional sums at long-term fixed rates in 2021/22 with a view to keeping future interest costs low, even if this causes additional cost in the short-term.

22.0 The Council has previously raised the majority of its long-term borrowing from the PWLB but the government increased PWLB rates by 1% in October 2019 as they raised concerns about local authority perusing risky debt-for-yield activities and utilising the PWLB's relatively cheap funding source to finance the projects. This made the PWLB a relatively expensive option as compared with market alternatives. The Treasury launched a consultation in March 2020 on the potential lowering of PWLB rates and the outcome was published as part of the Spending Review on 25th November 2020. Borrowing rates from the PWLB have been reduced by 1% which bring the levels back to Gilts + 1%. Only local authorities who are not purchasing investment assets primarily for yield can access this borrowing. The Council does not have any plans to invest in assets of this nature so will continue to have use of the PWLB.

23.0 The impact of the rate decrease has yet to be demonstrated in regards to alternative private providers however the Council has considered long-term loans from other sources including banks, pensions and local authorities, and will investigate the possibility of issuing bonds and similar instruments, in order to lower interest costs and reduce over-reliance on one source of funding in line with the CIPFA Code.

24.0 Alternatively, the Council may arrange forward starting loans, where the interest rate is fixed in advance, but the cash is received in later years. This would enable certainty of cost to be achieved without suffering a cost of carry in the intervening period.

25.0 In addition to above, the Council may borrow short-term loans to cover temporary cash flow pressures.

26.0 **Sources of borrowing:** The approved sources of long-term and short-term borrowing are:

- HM Treasury's PWLB lending facility (formerly the Public Works Loan Board)
- any institution approved for investments (see below)
- any other bank or building society authorised to operate in the UK
- any other UK public sector body
- UK public and private sector pension funds (except the local Brent Pension Fund)
- capital market bond investors
- UK Municipal Bonds Agency plc and other special purpose companies created to enable local authority bond issues

27.0 **Other sources of debt finance:** In addition, capital finance may be raised by the following methods that are not borrowing, but may be classed as other debt liabilities:

- Leasing
- Hire purchase
- Private Finance Initiative
- Sale and leaseback

28.0 **Municipal Bonds Agency:** UK Municipal Bonds Agency plc was established in 2014 by the Local Government Association as an alternative to the PWLB. It plans to issue bonds on the capital markets and lend the proceeds to local authorities. This will be a more complicated source of finance than the PWLB for two reasons: borrowing authorities will be required to provide bond investors with a guarantee to refund their investment in the event that the agency is unable to for any reason; and there will be a lead time of several months between committing to borrow and knowing the interest rate payable. Any decision to borrow from the Agency will therefore be the subject of a separate report to members.

29.0 **LOBOs:** The Council holds £70.5m of LOBO (Lender's Option Borrower's Option) loans where the lender has the option to propose an increase in the interest rate at set dates, following which the Council has the option to either accept the new rate or to repay the loan at no additional cost. £41m of these LOBOs have options during 2021/22, and although the Council understands that lenders are unlikely to exercise their options in the current low interest rate environment, there remains an element of refinancing risk. The Council will take the option to repay LOBO loans at no cost if it has the opportunity to do so.

30.0 **Short-term and variable rate loans:** These loans leave the Council exposed to the risk of short-term interest rate rises and are therefore subject to the interest rate exposure limits in the treasury management indicators below. Financial derivatives may be used to manage this interest rate risk (see section 64 below).

31.0 **Debt rescheduling:** The PWLB allows authorities to repay loans before maturity and either pay a premium or receive a discount according to a set formula based on current interest rates. Other lenders may also be prepared to negotiate premature redemption terms. The Council may take advantage of this and replace some loans with new loans, or repay loans without replacement, where this is expected to lead to an overall cost saving or a reduction in risk.

Treasury Investment Strategy

32.0 The Council holds invested funds, representing income received in advance of expenditure plus balances and reserves held. In the past 12 months, the Council's treasury investment balance has ranged between £182.4m and £19.5m due to capital expenditure utilising the Council's internal cash reserves. These balances are expected to remain low as the Council enters a borrowing period with cash available to invest for relatively short periods.

33.0 **Objectives:** The CIPFA Code requires the Council to invest its treasury funds prudently, and to have regard to the security and liquidity of its investments before seeking the highest rate of return, or yield. The Council's objective when investing money is to strike an appropriate balance between risk and return, minimising the risk of incurring losses from defaults and the risk of receiving unsuitably low investment income. Where balances are expected to be invested for more than one year, the Council will aim to achieve a total return that is equal or higher than the prevailing rate of inflation, in order to maintain the spending power of the sum invested.

34.0 **Negative interest rates:** The COVID-19 pandemic has increased the risk that the Bank of England will set its Bank Rate at or below zero, which is likely to feed through to negative interest rates on all low risk, short-term investment options. Since investments cannot pay negative income, negative rates will be applied by reducing the value of investments. In this event, security will be measured as receiving the contractually agreed amount at maturity, even though this may be less than the amount originally invested.

35.0 **Strategy:** Given the increasing risk and very low returns from short-term unsecured bank investments, the Council aims to diversify into higher yielding asset classes during 2021/22. This diversification will represent a continuation of the new strategy adopted in 2018/19. However, it is worth noting that this approach will be limited to the extent that the capital investment plans are delivered in line with current expectations. Should this prove to be the case, surplus funds will not be available to invest over longer durations as set out below.

36.0 Currently, the majority of the Council's surplus cash remains invested in short-term money market funds. The average rate of interest received on short-term investments during the year to December 2020 was 0.07%. Comparison data for other local authorities from Arlingclose's benchmarking club (which uses the data of 136 Local Authorities) places Brent around average compared to our peers - ***Appendix 3***. Due to the authorities borrowing requirement, there is unlikely to be scope to improve the short term investment returns achieved as liquidity of the surplus funds will play a key role.

37.0 The Council will maintain a minimum investment balance of £10m to ensure the Council complies with the requirements to be a professional client under MIFID II regulations.

38.0 **Responsible Investment and Environmental, Social and Governance (ESG) considerations**: The Council announced a climate emergency in July 2019 and the Council wishes to develop an investment strategy to accommodate climate change considerations. When undertaking a long-term treasury investment, the Council will ensure ESG matters are reviewed as part of the investment due diligence.

39.0 **Business models:** Under the new IFRS 9 standard, the accounting for certain investments depends on the Council's "business model" for managing them. The Council aims to achieve value from its treasury investments by a business model of collecting the contractual cash flows and therefore, where other criteria are also met, these investments will continue to be accounted for at amortised cost.

40.0 **Credit Rating:** Treasury investments in the sectors marked with an asterisk will only be made with entities whose long-term credit rating is no lower than A-. The Council uses the lowest rating quoted by the main rating agencies, as recommended by CIPFA. Where available, the credit rating relevant to the specific investment or class of investment is used, otherwise the counterparty credit rating is used. However, investment decisions are never made solely based on credit ratings, and all other relevant factors including external advice will be taken into account. Within these criteria the Director of Finance will have discretion to accept or reject individual institutions as counterparties on the basis of any information which may become available.

41.0 For entities without published credit ratings, investments may be made either (a) where external advice indicates the entity to be of similar credit quality; or (b) to a maximum of £200,000 per counterparty as part of a diversified pool e.g. via a peer-to-peer platform.

42.0 Credit ratings are obtained and monitored by the Council's treasury advisers, who will notify changes in ratings as they occur. Any institution will be suspended or removed should any factors give rise to concern, and caution will be paramount in reaching any investment decision regardless of the counterparty or the circumstances. Should an entity's credit rating be downgraded so that it does not meet the Council's approved criteria then:

• No new investments will be made;

• Full consideration will be made to the recall or sale of existing investments with the affected counterparty.

43.0 Where a credit rating agency announces that a credit rating is on review for possible downgrade (also known as "negative watch") so that it may fall below the approved rating criteria, then only investments that can be withdrawn on the next working day will be made with that organisation until the outcome of the review is announced. This policy will not apply to negative outlooks, which indicate a long-term direction of travel rather than an imminent change of rating.

44.0 Having an appropriate lending list of counterparties, remains critically important to protecting Brent's investments. A list of extremely secure counterparties would be very small, and the limits with each would be correspondingly high. This would expose the Council to a risk of an unlikely but potentially large loss. This arises because the arrangements for dealing with banks in difficulty now require a loss to be imposed on various categories of liabilities of the banks to allow the bank to recapitalise itself and continue in business (sometimes referred to as bail in).

45.0 When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008 and 2020, this is not generally reflected in credit ratings, but can be seen in other market measures. In these circumstances, the Council will restrict its investments to those organisations of higher credit quality and reduce the maximum duration of its investments to maintain the required level of security. The extent of these restrictions will be in line with prevailing financial market conditions. This will cause a reduction in the level of investment income earned, but will protect the principal sum invested.

46.0 **Government:** Loans to, and bonds and bills issued or guaranteed by, national governments, regional and local authorities and multilateral development banks. These investments are not subject to bail-in, and there is generally a lower risk of insolvency, although they are not zero risk. Investments with the UK Government are deemed to be zero credit risk due to its ability to create additional currency and therefore may be made in unlimited amounts for up to 50 years.

47.0 **Banks and building societies (unsecured):** Accounts, deposits, certificates of deposit and senior unsecured bonds with banks and building societies, other than multilateral development banks. These investments are subject to the risk of credit loss via a bail-in should the regulator determine that the bank is failing or likely to fail. There is no upper limit to the maximum credit loss that the Council could suffer in the event of a bail-in scenario. See section 55 below for arrangements relating to operational bank accounts. Investments in unsecured deposits will be limited to £20m.

48.0 **Registered providers (unsecured):** Loans to, and bonds issued or guaranteed by, registered providers of social housing or registered social landlords, formerly known as housing associations. These bodies are regulated by the Regulator of Social Housing (in England), the Scottish Housing Regulator, the Welsh Government and the Department for Communities (in Northern Ireland). As providers of public services, they retain the likelihood of receiving government support if needed. Investments with registered providers will be limited to £20m in 2021/22.

49.0 **Secured investments:** Investments secured on the borrower's assets, which limits the potential losses in the event of insolvency. The amount and quality of the security will be a key factor in the investment decision. Covered bonds and reverse repurchase agreements with banks and building societies are exempt from bail-in. Where there is no investment specific credit rating, but the collateral upon which the investment is secured has a credit rating, the higher of the collateral credit rating and the counterparty credit rating will be used. The combined secured and unsecured investments with any one counterparty will not exceed the cash limit for secured investments. The Council and its advisors remain alert for signs of credit or market distress that might adversely affect the Council. Investments in secured deposits will be limited to £20m.

50.0 **Money market funds (MMFs):** Pooled funds that offer same-day or short notice liquidity and very low or no price volatility by investing in short-term money markets. They have the advantage over bank accounts of providing wide diversification of investment risks, coupled with the services of a professional fund manager. Although no sector limit applies to money market funds, the Council will take care to diversify its liquid investments over a variety of providers to ensure access to cash at all times. Deposits will not exceed 0.5% of the net asset value of the MMF. In addition, each Fund will be limited to a maximum deposit of £20m.

51.0 The investment strategy will provide flexibility to invest cash for longer periods in order to access higher investment returns. The upper limit for lending beyond a year is £50m. In practice, lending for more than one year will be only to institutions of the highest credit quality and at rates which justify the liquidity risk involved. Marketable instruments may have longer maturities, though the maturity will be considered in conjunction with the likely liquidity of the market and credit quality of the institution. Other than UK Central Government the Council may invest its surplus funds subject to a maximum duration of 25 years.

Alternative investment options will include:

52.0 **Strategic pooled funds:** Bond, equity and property funds that offer enhanced returns over the longer term but are more volatile in the short term. These allow the Council to diversify into asset classes other than cash without the need to own and manage the underlying investments. Because these funds have no defined maturity date, but are available for withdrawal after a notice period, their performance and continued suitability in meeting the Council's investment objectives will be monitored regularly. Although considered as pooled funds, MMF's are discussed separately in paragraph 34. The Council currently has no investments in Pooled Funds (other than MMFs) at present, but may make prudent use of them in the future. Investments in pooled funds will be limited to £20m in 2021/22.

53.0 **Real estate investment trusts (REITs):** Shares in companies that invest mainly in real estate and pay the majority of their rental income to investors in a similar manner to pooled property funds. As with property funds, REITs offer enhanced returns over the longer term, but are more volatile especially as the share price reflects changing demand for the shares as well as changes in the value of the underlying properties. The risk with any investments in REITs is that shares cannot be withdrawn but can be sold on the stock market to another investor which leaves the Council open to market risk. Investments in REITs will be limited to £20m in 2021/22.

54.0 **Other investments:** This category covers treasury investments not listed above, for example unsecured corporate bonds and company loans. Non-bank companies cannot be bailed-in but can become insolvent placing the Council's investment at risk.

55.0 **Operational bank accounts:** The Council may incur operational exposures, for example though current accounts, collection accounts and merchant acquiring services, to any UK bank with credit ratings no lower than BBB- and with assets greater than £25 billion. These are not classed as investments but are still subject to the risk of a bank bail-in. The Bank of England has stated that in the event of failure, banks with assets greater than £25 billion are more likely to be bailed-in than made insolvent, increasing the chance of the Council maintaining operational continuity. The Council banks with National Westminster Bank (NatWest) who meet the Council's minimum credit criteria. Should Natwest's creditworthiness deteriorate below the Council's minimum credit criteria, then as far as is consistent with operational efficiency, no money will be placed with NatWest and credit balances in the various Council accounts will be kept to a minimum level.

56.0 **Investment limits:** The Council's revenue reserves available to cover investment losses are forecast to be £370 million on 31st March 2021. In order that no more than 10% of available reserves will be put at risk in the case of a single default, the maximum that will be lent to any one organisation (other than the UK Government and Council subsidiaries) will be £20 million. A group of banks under the same ownership will be treated as a single organisation for limit purposes.

Table 2: Investment Limits

	Credit Quality	Cash limit	Time Limit
Any single organisation, except a Government entity	A- Or equivalent	£20m	n/a
UK Government	Any	Unlimited	50 years
Local Authorities & other government entities	Any	Unlimited	25 years
Banks (unsecured)*	A- Or equivalent	£20m	13 months
Building Societies (unsecured)*	A- Or equivalent	£20m	13 months
Registered providers and registered social landlords*	A- Or equivalent	£20m	5 years
Secured investments*	A- Or equivalent	£20m	5 years
Money market funds*	A- Or equivalent	Lower of 5% of total net assets of the fund or £20m	n/a
Strategic pooled funds*	A- Or equivalent	£20m	n/a
Real estate investment trusts*	A- Or equivalent	£20m	n/a
Other Investments*	A- Or equivalent	£50m	25 years

57.0 **Liquidity management:** The Council uses internal purpose-built cash flow modelling tools to determine the maximum period for which funds may prudently be committed. The forecast is compiled on a prudent basis to minimise the risk of the Council being forced to borrow on unfavourable terms to meet its financial commitments. Limits on long-term investments are set by reference to the Council's medium-term financial plan and cash flow forecast. The Council aims to spread its liquid cash over at least two providers (e.g. bank accounts and money market funds) to ensure that access to cash is maintained in the event of operational difficulties at any one provider.

TREASURY MANAGEMENT INDICATORS

58.0 The Council measures and manages its exposures to treasury management risks using the following indicators.

59.0 **Security:** The Council has adopted a voluntary measure of its exposure to credit risk by monitoring the value-weighted average credit rating of its investment portfolio. This is calculated by applying a score to each investment (AAA=1, AA+=2, etc.) and taking the arithmetic average, weighted by the size of each investment. Unrated investments are assigned a score based on their perceived risk.

Table 3: Credit risk indicator

Credit risk indicator	Target
Portfolio average credit rating	A

60.0 **Liquidity:** The Council has adopted a voluntary measure of its exposure to liquidity risk by monitoring the amount of cash available to meet unexpected payments within a rolling three month period, without additional borrowing.

Table 4: Liquidity risk indicator

Liquidity risk indicator	Target
Total cash available within 3 months	£20m

61.0 **Interest rate exposures:** This indicator is set to control the Council's exposure to interest rate risk. The upper limits on the one-year revenue impact of a 1% rise or fall in interest rates will be:

Table 5: Interest rate risk indicator

Interest rate risk indicator	Limit
Upper limit on one-year revenue impact of a 1% rise in interest rates	£5m
Upper limit on one-year revenue impact of a 1% fall in interest rates	£5m

The impact of a change in interest rates is calculated on the assumption that maturing loans and investments will be replaced at current rates.

62.0 **Maturity structure of borrowing:** This indicator is set to control the Council's exposure to refinancing risk. The upper and lower limits on the maturity structure of borrowing will be:

Table 6: Refinancing rate risk indicator

Refinancing rate risk indicator	Upper limit	Lower limit
Under 12 months	40%	0%
12 months and within 24 months	40%	0%

24 months and within 5 years	40%	0%
5 years and within 10 years	60%	0%
10 years and within 20 years	75%	0%
20 years and within 30 years	75%	0%
30 years and within 40 years	75%	0%
Over 40 years	75%	0%

Time periods start on the first day of each financial year. LOBOs are classified as maturing on the next call date i.e. the earliest date that the lender can require repayment.

63.0 **Principal sums invested for periods longer than a year:** The purpose of this indicator is to control the Council's exposure to the risk of incurring losses by seeking early repayment of its investments. The limits on the long-term principal sum invested to final maturities beyond the period end will be:

Table 7: Price risk indicator

Price risk indicator	**2021/22**	**2022/23**	**2023/24**
Limit on principal invested beyond year end	£50m	£50m	£50m

Related Matters

64.0 The CIPFA Code requires the Council to include the following in its treasury management strategy.

65.0 **Financial Derivatives:** Local authorities have previously made use of financial derivatives embedded into loans and investments both to reduce interest rate risk (e.g. interest rate collars and forward deals) and to reduce costs or increase income at the expense of greater risk (e.g. LOBO loans and callable deposits). The general power of competence in Section 1 of the Localism Act 2011 removes much of the uncertainty over local authorities' use of standalone financial derivatives (i.e. those that are not embedded into a loan or investment).

66.0 The Council will only use standalone financial derivatives (such as swaps, forwards, futures and options) where they can be clearly demonstrated to reduce the overall level of the financial risks that the Council is exposed to. Additional risks presented, such as credit exposure to derivative counterparties, will be taken into account when determining the overall level of risk. Embedded derivatives, including those present in pooled funds and forward starting transactions, will not be subject to this policy, although the risks they present will be managed in line with the overall treasury risk management strategy.

67.0 Financial derivative transactions may be arranged with any organisation that meets the approved investment criteria. The current value of any amount due from a derivative counterparty will count against the counterparty credit limit and the relevant foreign country limit.

68.0 In line with the CIPFA Code, the Council will seek external advice and will consider that advice before entering into financial derivatives to ensure that it fully understands the implications.

69.0 **Housing Revenue Account:** On 1st April 2012, the Council notionally split each of its existing long-term loans into General Fund and HRA pools. In the future, new long-term loans borrowed will be assigned in their entirety to one pool or the other. Interest payable and other costs/income arising from long-term loans (e.g. premiums and discounts on early redemption) will be charged/ credited to the respective revenue account. Differences between the value of the HRA loans pool and the HRA's underlying need to borrow (adjusted for HRA balance sheet resources available for investment) will result in a notional cash balance which may be positive or negative. This balance will be measured each month and interest transferred between the General Fund and HRA at the Council's average interest rate on investments, adjusted for credit risk.

70.0 **Markets in Financial Instruments Directive:** The MiFID II regulations took effect from January 2018 which saw the Council reclassified as a retail client with the opportunity to opt up to professional client status. Retail clients have access increased protection however this would be balanced against potentially higher fees and access to a more limited range of products. The Council has opted up to professional client status with its providers of financial services, including advisors, banks, brokers and fund managers. Given the size and range of the Council's treasury management activities, the Director of Finance believes this to be the appropriate status for the Council's treasury management activities.

71.0 **Financial Implications:** The draft capital financing budget of £23.6m for 2021/22 has been calculated based on the reduction in balances available for investment and the increased external borrowing required.

72.0 **Other Options Considered:** The CIPFA Code does not prescribe any particular treasury management strategy for local authorities to adopt. The Council believes that the above strategy represents an appropriate balance between risk management and cost effectiveness. Some alternative strategies, with their financial and risk management implications, are listed below.

Table 8: Alternative Strategies

Alternative	Impact on income and expenditure	Impact on risk management
Invest in a narrower range of counterparties and/or for shorter times	Interest income will be lower	Lower chance of losses from credit related defaults, but any such losses may be greater
Invest in a wider range of counterparties and/or for longer times	Interest income will be higher	Increased risk of losses from credit related defaults, but any such losses may be smaller
Borrow additional sums at long-term fixed interest rates	Debt interest costs will rise; this is unlikely to be offset by higher investment income	Higher investment balance leading to a higher impact in the event of a default; however long-term interest costs may be more certain
Borrow short-term or variable loans instead of long-term fixed rates	Debt interest costs will initially be lower	Increases in debt interest costs will be broadly offset by rising investment income in the medium term, but long-term costs may be less certain
Reduce level of borrowing	Saving on debt interest is likely to exceed lost investment income	Reduced investment balance leading to a lower impact in the event of a default; however long-term interest costs may be less certain

Appendix 1 – Arlingclose Economic & Interest Rate Forecast December 2020

Underlying assumptions:

- The medium-term global economic outlook has improved with the distribution of vaccines, but the recent upsurge in coronavirus cases has worsened economic prospects over the short term.
- Restrictive measures and further lockdowns are likely to continue in the UK and Europe until the majority of the population is vaccinated by the second half of 2021. The recovery period will be strong thereafter, but potentially longer than previously envisaged.
- Signs of a slowing UK economic recovery were already evident in UK monthly GDP and PMI data, even before the second lockdown and Tier 4 restrictions. Employment is falling despite an extension to support packages.
- The need to support economic recoveries and use up spare capacity will result in central banks maintaining low interest rates for the medium term.
- Brexit will weigh on UK activity. The combined effect of Brexit and the after-effects of the pandemic will dampen growth relative to peers, maintain spare capacity and limit domestically generated inflation. The Bank of England will therefore maintain loose monetary conditions for the foreseeable future.
- Longer-term yields will also remain depressed, anchored by low central bank policy rates, expectations for potentially even lower rates and insipid longer-term inflation expectations. There is a chance yields may follow a slightly different path in the medium term, depending on investor perceptions of growth and inflation, or the deployment of vaccines.

Forecast:

- Arlingclose expects Bank Rate to remain at the current 0.10% level.
- Our central case for Bank Rate is no change, but further cuts to zero, or perhaps even into negative territory, cannot be completely ruled out, especially with likely emergency action in response to a no-deal Brexit.
- Gilt yields will remain low in the medium term. Shorter term gilt yields are currently negative and will remain around zero or below until either the Bank expressly rules out negative Bank Rate or growth/inflation prospects improve.
- Downside risks remain, and indeed appear heightened, in the near term, as the government reacts to the escalation in infection rates and the Brexit transition period ends.

Appendix I

	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24
Official Bank Rate													
Upside risk	0.00	0.00	0.15	0.15	0.15	0.15	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Arlingclose Central Case	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Downside risk	0.30	0.40	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
3-month money market r													
Upside risk	0.05	0.05	0.10	0.10	0.15	0.20	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Arlingclose Central Case	0.10	0.10	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Downside risk	0.30	0.40	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
1yr money market rate													
Upside risk	0.05	0.05	0.10	0.10	0.15	0.20	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Arlingclose Central Case	0.15	0.15	0.25	0.25	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Downside risk	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
5yr gilt yield													
Upside risk	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Arlingclose Central Case	0.00	0.00	0.05	0.10	0.15	0.20	0.20	0.20	0.25	0.25	0.25	0.25	0.25
Downside risk	0.40	0.45	0.50	0.55	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
10yr gilt yield													
Upside risk	0.30	0.35	0.40	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Arlingclose Central Case	0.25	0.30	0.35	0.35	0.40	0.40	0.45	0.45	0.50	0.55	0.55	0.55	0.60
Downside risk	0.50	0.50	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
20yr gilt yield													
Upside risk	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Arlingclose Central Case	0.70	0.70	0.75	0.75	0.75	0.80	0.80	0.85	0.85	0.85	0.85	0.90	0.90
Downside risk	0.30	0.30	0.35	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
50yr gilt yield													
Upside risk	0.40	0.40	0.45	0.45	0.50	0.50	0.55	0.60	0.60	0.65	0.65	0.70	0.70
Arlingclose Central Case	0.60	0.60	0.65	0.65	0.65	0.70	0.70	0.75	0.75	0.75	0.75	0.80	0.80
Downside risk	0.30	0.30	0.35	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40

PWLB Certainty Rate (Maturity Loans) = Gilt yield + 0.80%
PWLB Infrastructure Rate (Maturity Loans) = Gilt yield + 0.60%

Appendix 2 – Existing Investment & Debt Portfolio Position

	31/12/20 Actual Portfolio £m	31/12/20 Average Rate %
External borrowing:		
Public Works Loan Board – Maturity	282.0	5.0
Public Works Loan Board – EIP	15.3	2.7
LOBO loans	70.5	4.6
Fixed rate market loans	95.0	2.4
Short Term Loans	87.0	0.2
Total external borrowing	**549.7**	**3.7**
Other long-term liabilities:		
Private Finance Initiative	23.5	
Finance Leases	9.1	
Total other long-term liabilities	**32.7**	
Total gross external debt	**582.4**	
Treasury investments:		
Money Market Funds	32.9	0.02
Total treasury investments	**32.9**	
Net debt	**549.5**	

Appendix 3 – Internal Investments: Average Rate vs Credit Risk