Appendix D

Uttlesford District Council

Treasury Management Strategy

2019/20

Prepared by:

Finance

Uttlesford District Council

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Introduction

1. Treasury management is the management of the Authority's cash flows, borrowing and investments, and the associated risks. The Authority 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 Authority's prudent financial management.

2. Treasury risk management at the Authority 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 Authority to approve a treasury management strategy before the start of each financial year. This report fulfils the Authority's legal obligation under the *Local Government Act 2003* to have regard to the CIPFA Code.

3. Investments held for service purposes or for commercial profit are considered in a different report, the Investment Strategy which is included in the agenda as Annexe D2.

External Context

Economic background

4. The UK's progress negotiating its exit from the European Union, together with its future trading arrangements, will continue to be a major influence on the Authority's treasury management strategy for 2019/20.

5. UK Consumer Price Inflation (CPI) for October was up 2.4% year/year, slightly below the consensus forecast and broadly in line with the Bank of England's November Inflation Report. The most recent labour market data for October 2018 showed the unemployment rate edged up slightly to 4.1% while the employment rate of 75.7% was the joint highest on record. The 3-month average annual growth rate for pay excluding bonuses was 3.3% as wages continue to rise steadily and provide some pull on general inflation. Adjusted for inflation, real wages grew by 1.0%, a level still likely to have little effect on consumer spending.

6. The rise in quarterly GDP growth to 0.6% in Q3 from 0.4% in the previous quarter was due to weather-related factors boosting overall household consumption and construction activity over the summer following the weather-related weakness in Q1. At 1.5%, annual GDP growth continues to remain below trend. Looking ahead, the BoE, in its November Inflation Report, expects GDP growth to average around 1.75% over the forecast horizon, providing the UK's exit from the EU is relatively smooth.

7. Following the Bank of England's decision to increase Bank Rate to 0.75% in August, no changes to monetary policy have been made since. However, the Bank expects that should the economy continue to evolve in line with its November forecast, further increases in Bank Rate will be required to return inflation to the 2% target. The

Monetary Policy Committee continues to reiterate that any further increases will be at a gradual pace and limited in extent.

8. While US growth has slowed over 2018, the economy continues to perform robustly. The US Federal Reserve continued its tightening bias throughout 2018, pushing rates to the current 2%-2.25% in September. Markets continue to expect one more rate rise in December, but expectations are fading that the further hikes previously expected in 2019 will materialise as concerns over trade wars drag on economic activity.

Credit outlook

9. The big four UK banking groups have now divided their retail and investment banking divisions into separate legal entities under ringfencing legislation. Bank of Scotland, Barclays Bank UK, HSBC UK Bank, Lloyds Bank, National Westminster Bank, Royal Bank of Scotland and Ulster Bank are the ringfenced banks that now only conduct lower risk retail banking activities. Barclays Bank, HSBC Bank, Lloyds Bank Corporate Markets and NatWest Markets are the investment banks. Credit rating agencies have adjusted the ratings of some of these banks with the ringfenced banks generally being better rated than their non-ringfenced counterparts.

10. The Bank of England released its latest report on bank stress testing, illustrating that all entities included in the analysis were deemed to have passed the test once the levels of capital and potential mitigating actions presumed to be taken by management were factored in. The BoE did not require any bank to raise additional capital.

11. European banks are considering their approach to EU Exit, with some looking to create new UK subsidiaries to ensure they can continue trading here. The credit strength of these new banks remains unknown, although the chance of parental support is assumed to be very high if ever needed. The uncertainty caused by protracted negotiations between the UK and EU is weighing on the creditworthiness of both UK and European banks with substantial operations in both jurisdictions.

Interest rate forecast

12. Following the increase in Bank Rate to 0.75% in August 2018, the Authority's treasury management adviser Arlingclose is forecasting two more 0.25% hikes during 2019 to take official UK interest rates to 1.25%. The Bank of England's MPC has maintained expectations for slow and steady rate rises over the forecast horizon. The MPC continues to have a bias towards tighter monetary policy but is reluctant to push interest rate expectations too strongly. Arlingclose believes that MPC members consider both that ultra-low interest rates result in other economic problems, and that higher Bank Rate will be a more effective policy weapon should downside EU Exit risks crystallise when rate cuts will be required.

13. The UK economic environment remains relatively soft, despite seemingly strong labour market data. Arlingclose's view is that the economy still faces a challenging outlook as it exits the European Union and Eurozone growth softens. While assumptions are that a EU Exit deal is struck and some agreement reached on transition and future trading

arrangements before the UK leaves the EU, the possibility of a "no deal" EU Exit still hangs over economic activity. As such, the risks to the interest rate forecast are considered firmly to the downside.

14. Gilt yields and hence long-term borrowing rates have remained at low levels but some upward movement from current levels is expected based on Arlingclose's interest rate projections, due to the strength of the US economy and the ECB's forward guidance on higher rates. 10-year and 20-year gilt yields are forecast to remain around 1.7% and 2.2% respectively over the interest rate forecast horizon, however volatility arising from both economic and political events are likely to continue to offer borrowing opportunities.

15. A more detailed economic and interest rate forecast provided by Arlingclose is attached as Annexe D1.

16. For the purpose of setting the budget, it has been assumed that new investments will be made at an average rate of 1.08%, and that new long-term loans will be borrowed at an average rate of 2.5%.

Local Context

17. On 30th November 2018, the Authority held £104 million of borrowing and £13 million of investments. This is set out in further detail at Annexe D2. Forecast changes in these sums are shown in the balance sheet analysis in table 1 below.

Table 1: Balance sheet summary and forecast

	31.3.18 Actual £m	**31.3.19 Estimate £m**	**31.3.20 Forecast £m**	**31.3.21 Forecast £m**	**31.3.22 Forecast £m**
General Fund CFR	55	58	58	63	62
HRA CFR	86	85	84	81	79
Total CFR	**141**	**143**	**142**	**144**	**141**
Less: Other debt liabilities *	(5)	(5)	(4)	(4)	(4)
Loans CFR	**136**	**138**	**138**	**140**	**137**
Less: External borrowing **	(121)	(101)	(95)	(105)	(117)
Internal borrowing	**16**	**37**	**43**	**35**	**20**
Less: Usable reserves	(25)	(20)	(17)	(16)	(16)
Less: Working capital	(4)	(3)	(3)	(3)	(3)
Investments/(new borrowing)	14	(14)	(23)	(16)	(1)

* shows only loans to which the Authority is committed and excludes optional refinancing

18. 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 Authority's current strategy is to

maintain borrowing and investments below their underlying levels, sometimes known as internal borrowing.

19. CIPFA's *Prudential Code for Capital Finance in Local Authorities* recommends that the Authority's total debt should be lower than its highest forecast CFR over the next three years. Table 1 shows that the Authority expects to comply with this recommendation during 2019/20.

Liability benchmark

20. To compare the Council's actual borrowing against an alternative strategy, a liability benchmark has been calculated showing the lowest risk level of borrowing. This assumes the same forecasts as table 1 above, but that cash and investment balances are kept to a minimum level of £10m at each year-end to maintain sufficient liquidity but minimise credit risk.

Table 2: Liability benchmark

	31.3.18 Actual £m	**31.3.19 Estimate £m**	**31.3.20 Forecast £m**	**31.3.21 Forecast £m**	**31.3.22 Forecast £m**
Loans CFR	136	138	138	140	137
Less: Usable reserves	(25)	(20)	(17)	(16)	(16)
Less: Working capital	(4)	(3)	(3)	(3)	(3)
Plus: Minimum investments	10	10	10	10	10
Liability Benchmark	**117**	**125**	**128**	**131**	**128**

21. Following on from the medium-term forecasts in table 2 above, the long-term liability benchmark assumes capital expenditure funded by borrowing of £125 million a year and minimum revenue provision on new capital expenditure based on a 5-7 year asset life. This is shown in more detail in the Capital Strategy (Appendix E, table 7) and the Minimum Revenue Provision Policy is attached as Annexe E1 of the Capital Strategy.

Borrowing Strategy

22. The Authority currently holds £104 million of loans, a decrease of £4 million on the previous year, as part of its strategy for funding previous years' capital programmes. The balance sheet forecast in table 1 shows that the Authority expects to borrow up to £116m in 2019/20. The Authority may also borrow additional sums to pre-fund future years' requirements, providing this does not exceed the authorised limit for borrowing of £250 million.

Objectives

23. The Authority's chief 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 Authority's long-term plans change is a secondary objective.

Strategy

24. Given the significant cuts to public expenditure and in particular to local government funding, the Authority'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.

25. By doing so, the Authority is able to reduce net borrowing costs (despite foregone investment income) and reduce overall treasury risk. The benefits of internal/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. Arlingclose will assist the Authority with this 'cost of carry' and breakeven analysis. Its output may determine whether the Authority borrows additional sums at long-term fixed rates in 2019/20 with a view to keeping future interest costs low, even if this causes additional cost in the short-term.

26. Alternatively, the Authority may arrange forward starting loans during 2019/20, 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.

27. The Authority arranged forward starting loans for the investment in Aspire (CRP) Ltd; these are profiled over 4 years with 3 drawdowns:

    - £10,000,000 on the 3rd July 2017
    - £12,000,000 on the 3rd July 2020
    - £15,000,000 on the 3rd July 2021

    Fixed rate of interest @ 2.86% for all 3 drawdowns with no principal repayments made until 5th January 2022.

28. In addition, the Authority may borrow further short-term loans to cover unplanned cash flow shortages.

Sources of borrowing

29. The approved sources of long-term and short-term borrowing are:

    - Public Works Loan Board (PWLB) and any successor body
    - 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 Essex Pension Fund)

- capital market bond investors
- UK Municipal Bonds Agency plc and other special purpose companies created to enable local authority bond issues

Other sources of debt finance

30. 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

31. The Authority has previously raised the majority of its long-term borrowing from the PWLB but it continues to investigate other sources of finance, such as local authority loans and bank loans that may be available at more favourable rates.

Municipal Bonds Agency

32. 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 joint and several 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 full Council.

Short-term and variable rate loans

33. These loans leave the Authority 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.

Debt rescheduling

34. 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 Authority 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.

Investment Strategy

35. The Authority holds significant invested funds, representing income received in advance of expenditure plus balances and reserves held. In the past 12 months, the Authority's investment balance has ranged between £8 and £22 million.

Objectives

36. The CIPFA Code requires the Authority to invest its funds prudently, and to have regard to the security and liquidity of its investments before seeking the highest rate of return, or yield. The Authority'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 Authority 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.

Negative interest rates

37. If the UK enters into a recession in 2019/20, there is a small chance that the Bank of England could 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. This situation already exists in many other European countries. 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.

Strategy

38. The Authority aims to further diversify into more secure and higher yielding asset classes over the next 3 years. This is especially the case for the estimated £100 million that is available for longer-term investment. A reducing proportion of the Authority's surplus cash (which is not currently committed to long term investment) will remain invested in short-term unsecured deposits and money market funds.

Business models

39. Under the new IFRS 9 standard, the accounting for certain investments depends on the Authority's "business model" for managing them. The Authority aims to achieve value from its internally managed 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.

Approved counterparties

40. The Authority may invest its surplus funds with any of the counterparty types in table 3 below, subject to the cash limits (per counterparty) and the time limits shown.

Table 3: Approved investment counterparties and limits

General Counterparty List	Credit Rating	Cash Limit	Time Limit
Banks and other organisations whose lowest published long-term credit rating from external credit rating agencies is:	AAA	£1m	365 days
	AA+	£1m	365 days
	AA-	£1m	365 days
	A+	£1m	365 days
	A	£1m	365 days
	A-	£1m	182 days
	BBB+	£1m	100 days
Councils General Bank Account if it fails to meet the above criteria, excluding the fixed term deposit account		£2m	Next Day
UK Central Government (irrespective of credit rating	n/a	Unlimited	50 years
UK Local Authorities including Police and Fire (irrespective of credit rating) per authority	n/a	£3m	730 days
UK Building Societies without credit ratings	n/a	£1m	100 days
Saffron Building Society	n/a	£0.5m	100 days
Money Market Funds, per fund	AAA	£1m	Next Day

This table must be read in conjunction with the notes below

Credit rating

41. Investment limits are set by reference to the lowest published long-term credit rating from a selection of external rating agencies. 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.

Banks unsecured

42. 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. See below for arrangements relating to operational bank accounts.

Banks secured

43. Covered bonds, reverse repurchase agreements and other collateralised arrangements with banks and building societies. These investments are secured on the bank's assets, which limits the potential losses in the unlikely event of insolvency, and means that they 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 to determine cash and time limits. The combined secured and unsecured investments in any one bank will not exceed the cash limit for secured investments.

Government

44. Loans, 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 Central Government may be made in unlimited amounts for up to 50 years.

Pooled funds

45. Shares or units in diversified investment vehicles consisting of the any of the above investment types, plus equity shares and property. These funds have the advantage of providing wide diversification of investment risks, coupled with the services of a professional fund manager in return for a fee. Short-term Money Market Funds that offer same-day liquidity and very low or no volatility will be used as an alternative to instant access bank accounts, while pooled funds whose value changes with market prices and/or have a notice period will be used for longer investment periods.

46. Bond, equity and property funds offer enhanced returns over the longer term, but are more volatile in the short term. These allow the Authority 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 Authority's investment objectives will be monitored regularly.

Operational bank accounts

47. The Authority 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, and balances will therefore be kept below £3m per bank. 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 Authority maintaining operational continuity.

Risk assessment and credit ratings

48. Credit ratings are obtained and monitored by the Authority's treasury advisers, who will notify changes in ratings as they occur. Where an entity has its credit rating downgraded so that it fails to meet the approved investment criteria then:

- no new investments will be made,
- any existing investments that can be recalled or sold at no cost will be, and
- full consideration will be given to the recall or sale of all other existing investments with the affected counterparty.

49. Where a credit rating agency announces that a credit rating is on review for possible downgrade (also known as "rating watch negative" or "credit watch negative") 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.

Other information on the security of investments

50. The Authority understands that credit ratings are good, but not perfect, predictors of investment default. Full regard will therefore be given to other available information on the credit quality of the organisations in which it invests, including credit default swap prices, financial statements, information on potential government support, reports in the quality financial press and analysis and advice from the Authority's treasury management adviser. No investments will be made with an organisation if there are substantive doubts about its credit quality, even though it may otherwise meet the above criteria.

51. When deteriorating financial market conditions affect the creditworthiness of all organisations, as happened in 2008 and 2011, this is not generally reflected in credit ratings, but can be seen in other market measures. In these circumstances, the Authority 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. If these restrictions mean that insufficient commercial organisations of high credit quality are available to invest the Authority's cash balances, then the surplus will be deposited with the UK Government via the Debt Management Office or invested in government treasury bills for example, or with other local authorities. This will cause a reduction in the level of investment income earned, but will protect the principal sum invested.

Investment limits

52. The Authority's revenue reserves available to cover investment losses are forecast to be £20 million on 31st March 2019. In order that no more than 5% 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) will be £1 million. A group of banks under the same ownership will be treated as a single organisation for limit purposes. Limits will also be placed on fund managers, investments in brokers' nominee accounts,

foreign countries and industry sectors as below. Investments in pooled funds and multilateral development banks do not count against the limit for any single foreign country, since the risk is diversified over many countries.

Table 4: Investment limits

	Cash limit
Any single organisation, except the UK Central Government	£1m each
UK Central Government	Unlimited
UK Local Authorities	£50m in total
Any group of organisations under the same ownership	£1m per group
Any group of pooled funds under the same management	£1m per manager
Unsecured investments with building societies	£1m in total
Money market funds	£5m in total

Liquidity management

53. The Authority uses purpose-built cash flow forecasting spreadsheets 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 Authority being forced to borrow on unfavourable terms to meet its financial commitments. Limits on long-term investments are set by reference to the Authority's medium-term financial plan and cash flow forecast.

Treasury Management Indicators

54. The Authority measures and manages its exposures to treasury management risks using the following indicators.

Security

55. The Authority 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.

Credit risk indicator	**Target**
Portfolio average credit rating	A

Liquidity

56. The Authority 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 3 month period, without additional borrowing.

Liquidity risk indicator	Target
Total cash available within 3 months	£2m

Interest rate exposures

57. This indicator is set to control the Authority'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:

Interest rate risk indicator	Limit
Upper limit on one-year revenue impact of a 1% rise in interest rates	£250,000
Upper limit on one-year revenue impact of a 1% fall in interest rates	£250,000

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

Maturity structure of borrowing

59. This indicator is set to control the Authority's exposure to refinancing risk. The upper limit on the maturity structure of borrowing will be:

Refinancing rate risk indicator	Upper Limit
Under 12 months	25%
12 months and within 24 months	25%
24 months and within 5 years	50%
5 years and within 10 years	75%
10 years and within 20 years	75%
20 years and above	100%

60. Time periods start on the first day of each financial year. The maturity date of borrowing is the earliest date on which the lender can demand repayment.

Principal sums invested for periods longer than a year

61. The purpose of this indicator is to control the Authority'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:

Price risk indicator	2019/20	2020/21	2021/22
Limit on principal invested beyond year end	£10m	£10m	£10m

Related Matters

62. The CIPFA Code requires the Authority to include the following in its treasury management strategy.

Financial Derivatives

63. 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).

64. The Authority 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 Authority 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.

65. 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.

Housing Revenue Account

66. On 1st April 2012, the Authority 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 Authority's average interest rate on investments, adjusted for credit risk.

Markets in Financial Instruments Directive

67. The Authority has opted up to professional client status with its providers of financial services, including advisers, banks and brokers, allowing it access to a greater range of

services but without the greater regulatory protections afforded to individuals and small companies. Given the size and range of the Authority's treasury management activities, the Director of Finance and Corporate Services believes this to be the most appropriate status.

Financial Implications

General Fund

68. The budget for the General Fund short term investment income in 2019/20 is £0.78 million based on its share of the average investment portfolio of £11 million at an average interest rate of 1.09%. The budget for general fund loan income is £2 million from the loans to Aspire at an interest rate of 4%. The budget for general fund short term debt interest paid in 2019/20 is £0.147 million, based on an average short-term debt portfolio of £25 million at an average interest rate of 1.07% plus long term debt interest of £0.349 million based on long-term borrowing of £12.5 million at an average rate of 2.68%.

HRA

69. The budget for HRA investment income in 2019/20 is £0.42 million, based on its share of an average investment portfolio of £11 million at an average interest rate of 1.08%. The budget for long term debt interest paid in 2019/20 is £2.6 million based on an average debt portfolio of 84.4 million at an average rate of 2.87%

70. If actual levels of investments and borrowing, or actual interest rates, differ from those forecast, performance against budget will be correspondingly different.

Other Options Considered

71. The CIPFA Code does not prescribe any particular treasury management strategy for local authorities to adopt. The Director of Finance and Corporate Services, having consulted the Cabinet Member for Finance and Administration, 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.

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	Debt interest costs will rise;	Higher investment balance

long-term fixed interest rates	this is unlikely to be offset by higher investment income	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

Annexe D1

Arlingclose Economic & Interest Rate Forecast December 2018

Underlying assumptions:

- Our central interest rate forecasts are predicated on there being a transitionary period following the UK's official exit from the EU.
- The MPC has a bias towards tighter monetary policy but is reluctant to push interest rate expectations too strongly. We believe that MPC members consider that: 1) tight labour markets will prompt inflationary pressure in the future, 2) ultra-low interest rates result in other economic problems, and 3) higher Bank Rate will be a more effective policy weapon if downside risks to growth crystallise.
- Both our projected outlook and the increase in the magnitude of political and economic risks facing the UK economy means we maintain the significant downside risks to our forecasts, despite the potential for slightly stronger growth next year as business investment rebounds should the EU Withdrawal Agreement be approved. The potential for severe economic outcomes has increased following the poor reception of the Withdrawal Agreement by MPs. We expect the Bank of England to hold at or reduce interest rates from current levels if EU Exit risks materialise.
- The UK economic environment is relatively soft, despite seemingly strong labour market data. GDP growth recovered somewhat in the middle quarters of 2018, but more recent data suggests the economy slowed markedly in Q4. Our view is that the UK economy still faces a challenging outlook as the country exits the European Union and Eurozone economic growth softens.
- Cost pressures are easing but inflation is forecast to remain above the Bank's 2% target through most of the forecast period. Lower oil prices have reduced inflationary pressure, but the tight labour market and decline in the value of sterling means inflation may remain above target for longer than expected.
- Global economic growth is slowing. Despite slower growth, the European Central Bank is conditioning markets for the end of QE, the timing of the first rate hike (2019) and their path thereafter. More recent US data has placed pressure on the Federal Reserve to reduce the pace of monetary tightening – previous hikes and heightened expectations will, however, slow economic growth.
- Central bank actions and geopolitical risks have and will continue to produce significant volatility in financial markets, including bond markets.

Forecast:

- The MPC has maintained expectations of a slow rise in interest rates over the forecast horizon, but recent events around EU Exit have dampened interest rate expectations. Our central case is for Bank Rate to rise twice in 2019, after the UK exits the EU. The risks are weighted to the downside.

- Gilt yields have remained at low levels. We expect some upward movement from current levels based on our central case that the UK will enter a transitionary period following its EU exit in March 2019. However, our projected weak economic outlook and volatility arising from both economic and political events will continue to offer borrowing opportunities.

	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Average
Official Bank Rate														
Upside risk	0.00	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	**0.17**
Arlingclose Central Case	**0.75**	**0.75**	**1.00**	**1.00**	**1.25**	**1.25**	**1.25**	**1.25**	**1.25**	**1.25**	**1.25**	**1.25**	**1.25**	**1.13**
Downside risk	0.00	-0.50	-0.75	-0.75	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	**-0.85**
3-mth money market rate														
Upside risk	0.10	0.10	0.10	0.10	0.15	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	**0.17**
Arlingclose Central Case	**0.90**	**0.95**	**1.10**	**1.30**	**1.40**	**1.40**	**1.40**	**1.35**	**1.35**	**1.35**	**1.35**	**1.35**	**1.35**	**1.27**
Downside risk	-0.20	-0.45	-0.60	-0.80	-0.90	-0.90	-0.90	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	**-0.76**
1-yr money market rate														
Upside risk	0.20	0.30	0.30	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	**0.33**
Arlingclose Central Case	**1.15**	**1.25**	**1.35**	**1.50**	**1.70**	**1.60**	**1.50**	**1.40**	**1.35**	**1.35**	**1.35**	**1.35**	**1.35**	**1.40**
Downside risk	-0.35	-0.50	-0.60	-0.80	-0.90	-0.90	-0.90	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	**-0.77**
5-yr gilt yield														
Upside risk	0.25	0.30	0.30	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	**0.37**
Arlingclose Central Case	**1.15**	**1.25**	**1.35**	**1.50**	**1.50**	**1.40**	**1.35**	**1.35**	**1.30**	**1.30**	**1.30**	**1.30**	**1.30**	**1.33**
Downside risk	-0.50	-0.60	-0.65	-0.80	-0.80	-0.70	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	**-0.66**
10-yr gilt yield														
Upside risk	0.25	0.30	0.30	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	**0.37**
Arlingclose Central Case	**1.50**	**1.65**	**1.70**	**1.80**	**1.80**	**1.75**	**1.75**	**1.70**	**1.70**	**1.70**	**1.70**	**1.70**	**1.70**	**1.70**
Downside risk	-0.55	-0.70	-0.70	-0.80	-0.80	-0.75	-0.75	-0.70	-0.70	-0.70	-0.70	-0.70	-0.70	**-0.71**
20-yr gilt yield														
Upside risk	0.25	0.30	0.30	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	**0.37**
Arlingclose Central Case	**2.00**	**2.10**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.20**	**2.18**
Downside risk	-0.60	-0.70	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	**-0.73**
50-yr gilt yield														
Upside risk	0.25	0.30	0.30	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	**0.37**
Arlingclose Central Case	**1.90**	**1.95**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**1.99**
Downside risk	-0.60	-0.70	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	**-0.73**

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

Annexe D2

Existing Investment & Debt Portfolio Position

	30/11/2018 Actual Portfolio £m	30/11/2018 Average Rate %
External Borrowing:		
Public Works Loans Board	86	2.79
Local Authorities	7.5	0.83
Phoenix Life Ltd	10	2.86
Total External Borrowing	**103.5**	
Other Long term Liabilities:		
Private Finance Initiative	4.7	8.29
Total gross external debt	**108.2**	
Treasury Investments:		
Banks and Building Societies (unsecured)	2.6	0.55
Government (incl. local authorities)	9	0.67
Money Market Funds	1	0.72
Total Treasury Investments	**12.6**	
Net Debt	**95.6**	