

Treasury Management Strategy Statement

Minimum Revenue Provision Policy Statement and Annual
Investment Strategy

South Holland District Council

2019/20

1. INTRODUCTION

1.1 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 the Council 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 Council risk or cost objectives.

The contribution the treasury management function makes to the authority 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.

Whilst any commercial initiatives or loans to third parties will impact on the treasury function, these activities are generally classed as non-treasury activities, (arising usually from capital expenditure), and are separate from the day to day treasury management activities.

CIPFA defines treasury management as:

“The management of the local authority's borrowing, investments and cash flows, 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.”

Revised reporting is required for the 2019/20 reporting cycle due to revisions of the Ministry of Housing, Communities and Local Government (MHCLG) Investment Guidance, the MHCLG Minimum Revenue Provision (MRP) Guidance, the CIPFA Prudential Code and the CIPFA Treasury Management Code. The primary reporting changes include the introduction of a capital strategy, to provide a longer-term focus to the capital plans, and greater reporting requirements surrounding any commercial activity undertaken under the Localism Act 2011. The capital strategy is being reported separately.

1.2 Reporting Requirements

1.2.1 Capital Strategy

The CIPFA revised 2017 Prudential and Treasury Management Codes require, for 2019/20, all local authorities to prepare an additional report, a capital strategy report, which will provide the following:

- a high-level long term overview of how capital expenditure, capital financing and treasury management activity contribute to the provision of services
- an overview of how the associated risk is managed
- the implications for future financial sustainability

The aim of this capital strategy is to ensure that all elected members on the full council fully understand the overall long-term policy objectives and resulting capital strategy requirements, governance procedures and risk appetite.

This capital strategy is reported separately from the Treasury Management Strategy Statement; non-treasury investments will be reported through the former. This ensures the separation of the core treasury function under security, liquidity and yield principles, and the policy and commercialism investments usually driven by expenditure on an asset. The capital strategy will show:

- The corporate governance arrangements for these types of activities;
- Any service objectives relating to the investments;
- The expected income, costs and resulting contribution;
- The debt related to the activity and the associated interest costs;
- The payback period (MRP policy);
- For non-loan type investments, the cost against the current market value;
- The risks associated with each activity.

Where a physical asset is being bought, details of market research, advisers used, (and their monitoring), ongoing costs and investment requirements and any credit information will be disclosed, including the ability to sell the asset and realise the investment cash.

Where the Council has borrowed to fund any non-treasury investment, there should also be an explanation in the Capital Strategy of why borrowing was required and why the MHCLG Investment Guidance and CIPFA Prudential Code have not been adhered to.

If any non-treasury investment sustains a loss during the final accounts and audit process, the strategy and revenue implications will be reported through the same procedure as the capital strategy.

To demonstrate the proportionality between the treasury operations and the non-treasury operation, high-level comparators are shown throughout this report.

1.2.2 Treasury Management Reporting

The Council is currently 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) - The first, and most important report is forward looking and covers:
 - the capital plans, (including prudential indicators);
 - a minimum revenue provision (MRP) policy, (how residual capital expenditure is charged to revenue over time);
 - the treasury management strategy, (how the investments and borrowings are to be organised), including treasury indicators; and
 - an investment strategy, (the parameters on how investments are to be managed).

- b. A mid-year treasury management report** – This is primarily 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 is a backward looking review document and provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

Scrutiny

The above reports are required to be adequately scrutinised before being recommended to the Council. This role is undertaken by the Governance and Audit Committee.

1.3 Treasury Management Strategy for 2019/20

The strategy for 2019/20 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, the CIPFA Prudential Code, MHCLG MRP Guidance, the CIPFA Treasury Management Code and MHCLG Investment Guidance.

1.4 Training

The CIPFA 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. Member Training was last undertaken on 15 March 2018 and further training will be arranged as required.

The training needs of CPBS treasury management officers are periodically reviewed.

1.5 Treasury Management Consultants

CPBS uses Link Asset Services Treasury solutions as its external treasury management advisors for the Council.

The Council recognises that responsibility for treasury management decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon the services of our external service providers. All decisions will be undertaken with regards to all available information, including, but not solely, our treasury advisers.

It also recognises that there is value in employing external providers of treasury management services in order to acquire access to specialist skills and resources. The Council will ensure that the terms of their appointment and the methods by which their value will be assessed are properly agreed and documented, and subjected to regular review.

2. THE CAPITAL PRUDENTIAL INDICATORS 2019/20 TO 2022/23

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

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 approve capital expenditure forecasts as part of the annual Budget report.

The capital expenditure plans mirror those within the budget report and will be amended throughout the year as spending plans alter.

Capital Expenditure £'000's	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
HRA	3,369	7,451	12,632	7,660	8,155	6,268
Non HRA	1,486	2,994	3,750	1,786	1,554	1,491
Commercial activities/ non-financial investments *	1,120	1,708	2,837	1,458	1,473	0
Total	5,975	12,153	19,219	10,904	11,182	7,759

* Commercial activities/non-financial investments relate to areas such as capital expenditure on investment properties, loans to third parties etc.

The table below summarises the above capital expenditure plans and how these plans are being financed by capital or revenue resources. Any shortfall of resources results in a funding borrowing need.

Financing of capital expenditure £'000's	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
Capital Receipts	351	1,208	625	505	0	0
Capital Grants & Contributions	1,080	1,620	1,763	660	660	660
Major Repairs Reserve	3,168	6,847	7,216	3,102	3,102	3,102
Direct Revenue Financing	256	770	6,778	5,179	5,947	3,997
Total Funding	4,855	10,445	16,382	9,446	9,709	7,759
Net financing need for the year	1,120	1,708	2,837	1,458	1,473	0

The net financing need for commercial activities/non-financial investments included in the above table against expenditure is shown in the following table:

Commercial activities/non-financial investments £'000's	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
Capital Expenditure	1,120	1,708	2,837	1,458	1,473	0
Financing Costs	0	0	0	0	0	0
Net financing need for the year	1,120	1,708	2,837	1,458	1,473	0
Percentage of total net financing need	100%	100%	100%	100%	100%	n/a

2.2 The Council's borrowing need (the Capital Financing Requirement)

The second prudential indicator is the Council's Capital Financing Requirement (CFR). The CFR is simply the total historic outstanding capital expenditure which has not yet been paid for from either revenue or capital resources. It is essentially a measure of the Council's indebtedness and so its underlying borrowing need. Any capital expenditure above, which has not immediately been paid for, will increase the CFR.

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 assets life, and so charges the economic consumption of capital assets as they are used.

The CFR includes any other long term liabilities (e.g. Public Finance Initiative (PFI) schemes, finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of scheme include a borrowing facility and so the Council is not required to separately borrow for these schemes. The Council currently has no such schemes within the CFR.

As part of the formal governance process, the Council approves the CFR projections as follows:

£000's	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
Capital Financing Requirement						
CFR – HRA	68,439	68,439	68,439	68,439	68,439	68,439
CFR – Non HRA	1,440	1,440	1,440	1,440	1,440	1,440
Commercial activities/ non-financial investments*	2,407	4,115	6,952	8,410	9,883	9,883
Total CFR	72,286	73,994	76,831	78,289	79,762	79,762
Movement in CFR	1,120	1,708	2,837	1,458	1,473	0

Movement in CFR represented by:						
Net financing need for the year (above)	1,120	1,708	2,837	1,458	1,473	0
Less MRP/VRP and other financing movements	0	0	0	0	0	0
Movement in CFR	1,120	1,708	2,837	1,458	1,473	0

£67.456m of the total CFR relates to the borrowing taken out with the Public Works Loan Board (PWLB) as part of the Housing Self Financing changes. The projected increases in the CFR through to 2022/23 are the additional loans and equity stakes in Welland Homes which are classed as capital expenditure and financed from internal cash balances.

A key aspect of the regulatory and professional guidance is that elected members are aware of the size and scope of any commercial activity in relation to the authority's overall financial position. The capital expenditure figures shown in Table 1 and the details above demonstrate the scope of this activity and, by approving these figures, consider the scale proportionate to the Authority's remaining activity.

2.3 Core funds and expected investment balances

The application of resources (capital receipts, reserves etc.) to either finance capital expenditure or other budget decisions to support the revenue budget will have an ongoing impact on investments unless resources are supplemented each year from new sources (asset sales etc.). Detailed below are estimates of the year end balances for each resource and anticipated day to day cash flow balances.

Year End Resources £'000's	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
General Fund Balance	2,310	2,310	2,310	2,310	2,310	2,310
HRA Working Balance	12,752	15,668	14,323	16,460	16,765	16,765
HRA Insurance Reserve	200	200	200	200	200	200
Major Repairs Reserve	6,435	4,168	76	76	76	76
Earmarked Reserves	7,619	7,141	5,364	5,115	4,831	4,596
Capital Grants Unapplied	1,841	1,766	1,691	1,616	1,541	1,466
Capital Receipts	4,304	4,772	5,281	5,796	6,787	7,777
Total core funds	35,461	36,025	29,245	31,573	32,510	33,190
Working Capital*	7,439	5,500	5,500	5,500	5,500	5,500
Under Borrowing	(4,830)	(6,538)	(9,375)	(10,833)	(12,306)	(12,306)
Expected investments	38,070	34,987	25,370	26,240	25,704	26,384

Working capital balances shown are estimated year end; these may be higher mid-year.

2.4 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. As part of the formal governance process, the Council approves 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. Where financing costs to net revenue stream are negative, this is because the Council is earning more interest on its balances compared with interest paid on its borrowing.

%	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
Non-HRA	(1.53%)	(2.22%)	(2.65%)	(3.54%)	(4.31%)	(4.62%)
HRA	34.11%	34.99%	34.85%	34.59%	34.26%	34.07%

The estimates of financing costs include current commitments and the proposals in this budget report.

HRA Ratios

	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
HRA debt £'000's	67,456	67,456	67,456	67,456	67,456	67,456
HRA revenues £'000,s	15,029	14,713	14,803	14,821	15,043	15,269
Ratio of debt to revenues (%)	449	458	456	455	448	442

	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
HRA debt £'000's	67,456	67,456	67,456	67,456	67,456	67,456
Number of HRA dwellings	3,804	3,790	3,819	3,820	3,820	3,820
Debt per dwelling (£)	17,733	17,798	17,663	17,659	17,659	17,659

2.5 Minimum revenue provision (MRP) policy statement

The Council is required to pay off an element of the accumulated General Fund capital spend each year (the CFR) through a revenue charge (the minimum revenue provision - MRP), although it is also allowed to undertake additional voluntary payments if required (voluntary revenue provision - VRP).

MHCLG regulations have been issued which require the full Council to approve **an MRP Statement** in advance of each year. A variety of options are provided to councils, so long as there is a prudent provision. The Council is recommended to approve the following MRP Statement:

For capital expenditure incurred before 1 April 2008 or which in the future will be Supported Capital Expenditure, the MRP policy will be:

- **Existing practice** - MRP will follow the existing practice outlined in former MHCLG regulations (option 1)

These options provide for an approximate 4% reduction in the borrowing need (CFR) each year.

From 1 April 2008 for all unsupported borrowing (including PFI and finance leases) the MRP policy will be:

- **Asset Life Method** – MRP will be based on the estimated life of the assets, in accordance with the regulations (this option must be applied for any expenditure capitalised under a Capitalisation Direction) (option 3)

These options provide for a reduction in the borrowing need over approximately the asset's life.

There is no requirement on the Housing Revenue Account (HRA) to make a minimum revenue provision but there is a requirement for a charge for depreciation to be made (although there are transitional arrangements in place).

Repayments included in finance leases are applied as MRP.

Any loans issued or equity investment made in Welland Homes and South Holland Local Housing Company which are classed as capital expenditure will increase the Council's CFR. The Council will earmark the proceeds from the repayment of the loans or sale of equity

interest to reduce the CFR and therefore will apply a nominal MRP charge of £1 on such loans and equity investments. This policy will be reviewed annually to ensure the approach remains prudent based on the Company's financial position. If it is deemed that an additional charge is required to ensure prudence a voluntary revenue provision will be made.

Appropriation of Assets – Where assets do not change ownership and borrowing is not required; the Council will not apply MRP on the asset value transferred.

MRP Overpayments - A change introduced by the revised MHCLG MRP Guidance was the allowance that any charges made over the statutory minimum revenue provision (MRP), voluntary revenue provision or overpayments, can, if needed, 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. Up until the 31 March 2019 cumulative VRP overpayments are expected to be £1.496m and related to 2015/16. This figure is currently being reviewed and will be amended in future reports if necessary.

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 portfolio position

The overall treasury management portfolio as at 31 March 2018 and for the position as at 31 December 2018 are shown below for both borrowing and investments.

TREASURY PORTFOLIO				
	actual	actual	current	current
	31.3.18	31.3.18	31.12.18	31.12.18
Treasury investments	£000	%	£000	%
banks	9,013	26%	13,460	31%
building societies - unrated	0	0%	0	0%
building societies - rated	4,000	11%	0	0%
local authorities	15,000	42%	15,000	35%
DMADF (H.M.Treasury)	0	0%	0	0%
money market funds	2,600	7%	3,700	9%
certificates of deposit	5,000	14%	11,000	25%
Total managed in house	35,613	100%	43,160	100%
bond funds	0	0%	0	0%
property funds	0	0%	0	0%
Total managed externally	0	0%	0	0%
Total treasury investments	35,613	100%	43,160	100%
Treasury external borrowing				
local authorities	0	0%	0	0%
PWLB	67,456	100%	67,456	100%
LOBOs	0	0%	0	0%
Total external borrowing	67,456	100%	67,456	100%
Net treasury investments / (borrowing)	-31,843		-24,296	

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.

£'000's	2017/18 Actual	2018/19 Latest Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
Debt at 1 April	67,456	67,456	67,456	67,456	67,456	67,456
Expected change in Debt	0	0	0	0	0	0
Other long-term liabilities (OLTL)	0	0	0	0	0	0
Expected change in OLTL	0	0	0	0	0	0
Actual gross debt at 31 March	67,456	67,456	67,456	67,456	67,456	67,456
The Capital Financing Requirement	72,286	73,994	76,831	78,289	79,762	79,762
Under / (over) borrowing	4,830	6,538	9,375	10,833	12,306	12,306

The Council has no external debt relating to commercial activities / non-financial investment.

Within the range of prudential indicators, there are a number of key indicators to ensure that the Council operates its activities within well-defined limits. One of these is that the Council needs to ensure that its gross debt does not, except in the short term, exceed the total of the CFR in the preceding year plus the estimates of any additional CFR for 2019/20 and the following two financial years. This allows some flexibility for limited early borrowing for future years, but ensures that borrowing is not undertaken for revenue or speculative purposes.

The Section 151 Officer reports that the Council complied with this prudential indicator in the current year and does not envisage difficulties for the future. This view takes into account current commitments, existing plans, and the proposals in this budget report.

3.2 Treasury Indicators

The operational boundary - This is the limit beyond which external debt is not normally expected to exceed. In most cases, this would be a similar figure to the CFR, but may be lower or higher depending on the levels of actual debt and the ability to fund under-borrowing by other cash resources.

Operational boundary £'000's	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
Debt	81,000	81,000	81,000	81,000	81,000
Other long term liabilities	1,000	1,000	1,000	1,000	1,000
Commercial activities/ non-financial investments	5,000	5,000	5,000	5,000	5,000
Total	87,000	87,000	87,000	87,000	87,000

The authorised limit for external debt – This is a key prudential indicator and represents a control on the maximum level of borrowing. This 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.

1. This is the statutory limit determined under section 3 (1) of the Local Government Act 2003. The Government retains an option to control either the total of all councils' plans, or those of a specific council, although this power has never been exercised.
2. As part of the formal governance process, the Council approves the following indicators, as shown below:

Authorised limit £'000's	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate
Debt	85,000	85,000	85,000	85,000	85,000
Other long term liabilities	1,000	1,000	1,000	1,000	1,000
Commercial activities/ non-financial investments	5,000	5,000	5,000	5,000	5,000
Total	91,000	91,000	91,000	91,000	91,000

3.3 Prospect for interest rates (as at 31/12/18)

Link Asset Services has been appointed as the Council's treasury advisor and part of their service is to assist the Council to formulate a view on interest rates.

A more detailed interest rate forecast and economic commentary is shown at **Appendix 5.2**.

The following table gives the Link Asset Services' central view:

	Bank Rate %	PWLB Borrowing Rates% (including certainty rate adjustment)			
		5 year	10 year	25 year	50 year
Mar 2019	0.75	2.10	2.50	2.90	2.70
Jun 2019	1.00	2.20	2.60	3.00	2.80

Sep 2019	1.00	2.20	2.60	3.10	2.90
Dec 2019	1.00	2.30	2.70	3.10	2.90
Mar 2020	1.25	2.30	2.80	3.20	3.00
Jun 2020	1.25	2.40	2.90	3.30	3.10
Sep 2020	1.25	2.50	2.90	3.30	3.10
Dec 2020	1.50	2.50	3.00	3.40	3.20
Mar 2021	1.50	2.60	3.00	3.40	3.20
Jun 2021	1.75	2.60	3.10	3.50	3.30
Sep 2021	1.75	2.70	3.10	3.50	3.30
Dec 2021	1.75	2.80	3.20	3.60	3.40
Mar 2022	2.00	2.80	3.20	3.60	3.40

Commentary from Link Asset Services

The flow of generally positive economic statistics after the quarter ended 30 June meant that it came as no surprise that the Monetary Policy Committee (MPC) came to a decision on 2 August to make the first increase in Bank Rate above 0.5% since the financial crash, from 0.5% to 0.75%. Growth has been healthy since that meeting, but is expected to weaken somewhat during the last quarter of 2018. At their November meeting, the MPC left Bank Rate unchanged, but expressed some concern at the Chancellor's fiscal stimulus in his Budget, which could increase inflationary pressures. However, it is unlikely that the MPC would increase Bank Rate in February 2019, ahead of the deadline in March for Brexit. The next increase in Bank Rate is therefore forecast to be in May 2019, followed by increases in February and November 2020, before ending up at 2.0% in February 2022.

The overall longer run future trend is for gilt yields, and consequently Public Works Loan Board (PWLB) rates, to rise, albeit gently. However, over about the last 25 years, we have been through a period of falling bond yields as inflation subsided to, and then stabilised at, much lower levels than before, and supported by central banks implementing substantial quantitative easing purchases of government and other debt after the financial crash of 2008. Quantitative easing, conversely, also caused a rise in equity values as investors searched for higher returns and purchased riskier assets. In 2016, we saw the start of a reversal of this trend with a sharp rise in bond yields after the US Presidential election in November 2016, with yields then rising further as a result of the big increase in the US government deficit aimed at stimulating even stronger economic growth. That policy change also created concerns around a significant rise in inflationary pressures in an economy which was already running at remarkably low levels of unemployment. Unsurprisingly, the Fed has continued on its series of robust responses to combat its perception of rising inflationary pressures by repeatedly increasing the Fed rate to reach 2.00 – 2.25% in September 2018. It has also continued its policy of not fully reinvesting proceeds from bonds that it holds as a result of quantitative easing, when they mature. We have, therefore, seen US 10 year bond Treasury yields rise above 3.2% during October 2018 and also seen investors causing a sharp fall in equity prices as they sold out of holding riskier assets.

Rising bond yields in the US have also caused some upward pressure on bond yields in the UK and other developed economies. However, the degree of that upward pressure has been dampened by how strong or weak the prospects for economic growth and rising inflation are in each country, and on the degree of progress towards the reversal of monetary policy away from quantitative easing and other credit stimulus measures.

From time to time, gilt yields, and therefore PWLB rates, can be subject to exceptional levels of volatility due to geo-political, sovereign debt crisis, emerging market developments and sharp changes in investor sentiment. Such volatility could occur at any time during the forecast period.

Economic and interest rate forecasting remains difficult with so many external influences weighing on the UK. The above forecasts, (and MPC decisions), will be liable to further amendment depending on how economic data and developments in financial markets transpire over the next year. Geopolitical developments, especially in the European Union (EU), could also have a major impact. Forecasts for average investment earnings beyond the three-year time horizon will be heavily dependent on economic and political developments.

Investment and borrowing rates

- Investment returns are likely to remain low during 2019/20 but to be on a gently rising trend over the next few years.
- Borrowing interest rates have been volatile so far in 2018/19 and have increased modestly since the summer. The policy of avoiding new borrowing by running down spare cash balances has served well over the last few years. However, this needs to be carefully reviewed to avoid incurring higher borrowing costs in the future when authorities may not be able to avoid new borrowing to finance capital expenditure and/or the refinancing of maturing debt;
- There will remain a cost of carry, (the difference between higher borrowing costs and lower investment returns), to any new long-term borrowing that causes a temporary increase in cash balances as this position will, most likely, incur a revenue cost.

(End of Link Asset Services commentary)

3.4 Borrowing Strategy

The Council is currently maintaining an under-borrowed position. This means that the capital borrowing need (the Capital Financing Requirement), 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 investment returns are low and counterparty risk is still an issue that needs to be considered.

Against this background and the risks within the economic forecast, caution will be adopted with the 2019/20 treasury operations. The Section 151 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 and short term rates, (e.g. due to a marked increase of risks around 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 an acceleration in the rate of increase in central rates in the USA and UK, an increase in world economic activity, or a sudden increase in inflation risks, then the portfolio position will be re-appraised. Most likely, fixed rate funding will be drawn whilst interest rates are lower than they are projected to be in the next few years.

Any decisions will be reported to the appropriate decision making body at the next available opportunity.

3.5 Maturity structure of borrowing

These gross limits are set to reduce the Council's exposure to large fixed rate sums falling due for refinancing, and are required for upper and lower limits. The Council is asked to approve the following treasury indicators and limits:

Maturity structure of fixed interest rate borrowing 2019/20		
	Lower	Upper
Under 12 months	0%	100%
12 months to 2 years	0%	100%
2 years to 5 years	0%	100%
5 years to 10 years	0%	100%
10 years to 20 years	0%	100%
20 years to 30 years	0%	100%
30 years to 40 years	0%	100%
40 years to 50 years	0%	100%
Maturity structure of variable interest rate borrowing 2019/20		
	Lower	Upper
Under 12 months	0%	100%
12 months to 2 years	0%	100%
2 years to 5 years	0%	100%
5 years to 10 years	0%	100%
10 years to 20 years	0%	100%
20 years to 30 years	0%	100%
30 years to 40 years	0%	100%
40 years to 50 years	0%	100%

3.6 Policy on borrowing in advance of need

The Council will not borrow more than or in advance of its needs, purely in order to profit from the investment of the extra sums borrowed. Any decision to borrow in advance will be within forward approved Capital Financing Requirement estimates, and will be considered carefully to ensure that value for money can be demonstrated and that the Council can ensure the security of such funds.

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

3.7 Debt rescheduling

As short term borrowing rates will be considerably cheaper than longer term fixed interest rates, there may be potential opportunities to generate savings by switching from long term debt to short term debt. However, these savings will need to be considered in the light of the current treasury position and the size of the cost of debt repayment (premiums incurred).

The reasons for any rescheduling to take place will include:

- the generation of cash savings and / or discounted cash flow savings;
- helping to fulfil the treasury strategy;
- enhance the balance of the portfolio (amend the maturity profile and/or the balance of volatility).

Consideration will also be given to identify if there is any residual potential for making savings by running down investment balances to repay debt prematurely as short term rates on investments are likely to be lower than rates paid on current debt.

All rescheduling will be reported to Cabinet at the earliest meeting following its action.

3.8 Municipal Bonds Agency

It is possible that the Municipal Bond Agency will be offering loans to local authorities in the future. The Agency hopes that the borrowing rates will be lower than those offered by the PWLB. This Authority may make use of this new source of borrowing as and when appropriate.

4. ANNUAL INVESTMENT STRATEGY

4.1 Investment policy – management of risk

The MHCLG and CIPFA have extended the meaning of ‘investments’ to include both financial and non-financial investments. This report deals solely with financial investments, (as managed by the treasury management team). Non-financial investments, essentially the purchase of income yielding assets, are covered in the Capital Strategy, (a separate report).

The Council’s investment policy has regard to the following:

- MHCLG’s Guidance on Local Government Investments (“the Guidance”)
- CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes 2017 (“the Code”)
- CIPFA Treasury Management Guidance Notes 2018

The Council’s funds are managed by CPBS with reference to a detailed cash flow forecast on a daily basis for the current year. Protocols are in place to govern the movement of funds within specific limits.

The Council’s investment priorities will be security first, portfolio liquidity second and then yield, (return).

The above guidance from the MHCLG and CIPFA place a high priority on the management of risk. This authority has adopted a prudent approach to managing risk and defines its risk appetite by the following means: -

- Minimum acceptable **credit criteria** are applied in order to generate a list of highly creditworthy counterparties. This also enables diversification and thus avoidance of concentration risk. The key ratings used to monitor counterparties are the short term and long-term ratings.
- **Other information:** 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. To achieve this consideration the Council will engage with its advisors to maintain a monitor on market pricing such as “**credit default swaps**” (CDS) and overlay that information on top of the credit ratings.
- **Other information sources** used will include the financial press, share price and other such information pertaining to the banking sector in order to establish the most robust scrutiny process on the suitability of potential investment counterparties.
- This authority has defined the list of **types of investment instruments** that the treasury management team are authorised to use. There are two lists in **Appendix 5.3** under the categories of ‘specified’ and ‘non-specified’ investments.

- **Specified investments** are those with a high level of credit quality and subject to a maturity limit of one year.
 - **Non-specified investments** are those with less high credit quality, may be for periods in excess of one year, and/or are more complex instruments which require greater consideration by members and officers before being authorised for use.
- **Non-specified investments limit.** The Council has determined that it will limit the maximum total exposure to non-specified investments to £5m of the total investment portfolio, (see paragraph 4.3).
 - **Lending limits,** The maximum total investments to any individual financial institution or its parent group is £5m. The maximum limit for individual money market funds is £10m. The maximum permitted duration of investments for each institution will be determined in accordance with paragraph 4.2.
 - **Transaction limits** are set for each type of investment in **Appendix 5.3.**
 - This authority will set a limit for the amount of its investments which are invested for **longer than 365 days**, (see paragraph 4.4).
 - Investments will only be placed with counterparties from countries with a specified minimum **sovereign rating**, (see paragraph 4.3).
 - CPBS has engaged **external consultants**, (see paragraph 1.5), to provide expert advice on how to optimise an appropriate balance of security, liquidity and yield, given the risk appetite of this authority in the context of the expected level of cash balances and need for liquidity throughout the year.
 - All investments will be denominated in **sterling**.
 - As a result of the change in accounting standards for 2018/19 under **IFRS 9**, this authority will consider the implications of investment instruments which could result in an adverse movement in the value of the amount invested and resultant charges at the end of the year to the General Fund.

However, this authority will also pursue value for money in treasury management and will monitor the yield from investment income against appropriate benchmarks for investment performance, (see paragraph 4.5). Regular monitoring of investment performance will be carried out during the year.

Changes in risk management policy from last year.

The above criteria are unchanged from last year.

4.2 Creditworthiness Policy

This Council applies the creditworthiness service provided by Link Asset Services. 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. The credit ratings of counterparties are supplemented with the following overlays:

- credit watches and credit outlooks from credit rating agencies;
- 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 for which the end product is 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*
- Dark Pink 5 years for Ultra-Short Dated Bond Funds with a credit score of 1.25
- Light Pink 5 years for Ultra-Short Dated Bond Funds with a credit score of 1.5
- Purple 2 years
- Blue 1 year (only applies to nationalised or semi nationalised UK Banks)
- Orange 1 year
- Red 6 months
- Green 100 days
- No colour not to be used

** Please note: the yellow colour category is for UK Government debt, or its equivalent, money market funds and collateralised deposits where the collateral is UK Government debt. The Link Asset Services' creditworthiness service uses a wider array of information than just primary ratings 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.

All credit ratings will be monitored daily. CPBS is alerted to changes to ratings of all three agencies through its use of the Link Asset Services creditworthiness service.

- if a downgrade results in the counterparty / investment scheme 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 CPBS will be advised of information in movements in CDS spreads against the iTraxx benchmark and other market data on a daily basis provided exclusively to it by Link Asset Services. Extreme market movements may result in downgrade of an institution or removal from the Council's lending list.

Sole reliance will not be placed on the use of this external service. In addition this Council will also use market data and market information, information on any external support for banks to help support its decision making process.

UK banks – ring fencing - The largest UK banks, (those with more than £25bn of retail / Small and Medium-sized Enterprise (SME) deposits), are required, by UK law, to separate core retail banking services from their investment and international banking activities by 1 January 2019. This is known as “ring-fencing”. Whilst smaller banks with less than £25bn in deposits are exempt, they can choose to opt up. Several banks are very close to the threshold already and so may come into scope in the future regardless.

Ring-fencing is a regulatory initiative created in response to the global financial crisis. It mandates the separation of retail and SME deposits from investment banking, in order to improve the resilience and resolvability of banks by changing their structure. In general, simpler, activities offered from within a ring-fenced bank, (RFB), will be focused on lower risk, day-to-day core transactions, whilst more complex and “riskier” activities are required to be housed in a separate entity, a non-ring-fenced bank, (NRFB). This is intended to ensure that an entity’s core activities are not adversely affected by the acts or omissions of other members of its group.

While the structure of the banks included within this process may have changed, the fundamentals of credit assessment have not. The Council will continue to assess the new-formed entities in the same way that it does others and those with sufficiently high ratings, (and any other metrics considered), will be considered for investment purposes.

4.3 Other limits

Due care will be taken to consider the exposure of the Council’s total investment portfolio to non-specified investments, countries, groups and sectors.

- **Non-specified investment limit.** The Council has determined that it will limit the maximum total exposure to non-specified investments to £5m of the total investment portfolio.
- **Country limit.** The Council has determined that it will only use approved counterparties from the United Kingdom or countries with a minimum sovereign credit rating of AA- from Fitch (or equivalent). The list of countries that qualify using this credit criteria as at the date of this report are shown in **Appendix 5.4**. This list will be added to, or deducted from, by officers should ratings change in accordance with this policy.
- **Other limits.** In addition:
 - no more than £5m will be placed with any non-UK country at any time;
 - limits in place above will apply to a group of companies;
 - sector limits will be monitored regularly for appropriateness

4.4 Investment strategy

In-House Funds. Investments will be made with reference to the core balance and cash flow requirements and the outlook for short-term interest rates (i.e. rates for investments up to 12 months). Greater returns are usually obtainable by investing for longer periods. Where cash sums can be identified that could be invested for longer periods, the value to be obtained from longer term investments will be carefully assessed.

- If it is thought that Bank Rate is likely to rise significantly within the time horizon being considered, then consideration will be given to keeping most investments as being short term or variable.
- Conversely, if it is thought that Bank Rate is likely to fall within that time period, consideration will be given to locking in higher rates currently obtainable, for longer periods.

Investment returns expectations.

Bank Rate is forecast to increase steadily but slowly over the next few years to reach 2.00% by quarter 1 2022. Bank Rate forecasts for financial year ends (March) are:

- 2018/19 0.75%
- 2019/20 1.25%
- 2020/21 1.50%
- 2021/22 2.00%

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:

- 2018/19 0.75%
- 2019/20 1.00%
- 2020/21 1.50%
- 2021/22 1.75%
- 2022/23 1.75%
- 2023/24 2.00%
- Later years 2.50%

The overall balance of risks to economic growth in the UK is probably neutral.

The balance of risks to increases in Bank Rate and shorter term PWLB rates, are probably also even and are dependent on how strong GDP growth turns out, how slowly inflation pressures subside, and how quickly the Brexit negotiations move forward positively.

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.

As part of the formal governance process, the Council approves the treasury indicator and limit, as follows:

Upper limit for principal sums invested for longer than 365 days				
£m	2019/20	2020/21	2021/22	2022/23
Principal sums invested for longer than 365 days	£m 5,000	£m 5,000	£m 5,000	£m 5,000
Current investments as at 31/12/18 in excess of 1 year maturing in each year	0	0	0	0

Loans to and equity purchases in Welland Homes do not count towards this limit as they are classed as non-treasury investments.

For its cash flow generated balances, the Council will seek to utilise its business reserve instant access and notice accounts, money market funds and short-dated deposits (overnight to 100 days) in order to benefit from the compounding of interest.

4.5 Investment risk benchmark

The Council has not adopted any formal benchmarks in this area, as Officers believe that decisions on counterparties and maximum investment levels are adequate to monitor the current and trend position, and amend the operational strategy to manage risk as conditions change.

The Council aims to achieve an internal return above the average 3 month London Interbank Bid Rate (LIBID).

4.6 End of year investment report

At the end of the financial year, the Council will report on its investment activity as part of its Annual Treasury Report.

5. APPENDICES

- 5.1 Interest rate forecasts
- 5.2 Economic background
- 5.3 Treasury management practice 1 – credit and counterparty risk management
- 5.4 Approved countries for investments
- 5.5 Treasury management scheme of delegation
- 5.6 The treasury management role of the section 151 officer

APPENDIX 5.1: Interest Rate Forecasts 2018 – 2021 (provided by Link Asset Services)

PWLB rates and forecast shown below have taken into account the 20 basis point certainty rate reduction effective as of the 1st November 2012.

Bank Rate											
	Now	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Link Asset Services	0.75%	0.75%	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%	1.25%	1.50%	1.50%
Capital Economics	0.75%	0.75%	0.75%	1.00%	1.25%	1.50%	1.50%	1.75%	1.75%	2.00%	-
5yr PWLB Rate											
	Now	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Link Asset Services	1.76%	2.00%	2.10%	2.20%	2.20%	2.30%	2.30%	2.40%	2.50%	2.50%	2.60%
Capital Economics	1.76%	1.95%	2.03%	2.15%	2.40%	2.65%	2.70%	2.75%	2.80%	2.85%	-
10yr PWLB Rate											
	Now	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Link Asset Services	2.18%	2.50%	2.50%	2.60%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%
Capital Economics	2.18%	2.30%	2.43%	2.55%	2.80%	3.05%	3.05%	3.05%	3.05%	3.05%	-
25yr PWLB Rate											
	Now	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Link Asset Services	2.80%	2.90%	2.90%	3.00%	3.10%	3.10%	3.20%	3.30%	3.30%	3.40%	3.40%
Capital Economics	2.80%	2.83%	2.96%	3.08%	3.33%	3.58%	3.53%	3.48%	3.43%	3.38%	-
50yr PWLB Rate											
	Now	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Link Asset Services	2.68%	2.70%	2.70%	2.80%	2.90%	2.90%	3.00%	3.10%	3.10%	3.20%	3.20%
Capital Economics	2.68%	2.65%	2.78%	2.90%	3.15%	3.40%	3.40%	3.40%	3.40%	3.40%	-

APPENDIX 5.2 ECONOMIC BACKGROUND (Commentary Provided By Link Asset Services)

GLOBAL OUTLOOK. World growth has been doing reasonably well, aided by strong growth in the US. However, US growth is likely to fall back in 2019 and, together with weakening economic activity in China, overall world growth is likely to weaken.

Inflation has been weak during 2018 but, at long last, unemployment falling to remarkably low levels in the US and UK has led to a marked acceleration of wage inflation which is likely to prompt central banks into a series of increases in central rates. The EU is probably about a year behind in a similar progression.

KEY RISKS - central bank monetary policy measures

Looking back on nearly ten years since the financial crash of 2008 when liquidity suddenly dried up in financial markets, it can be assessed that central banks' monetary policy measures to counter the sharp world recession were successful. The key monetary policy measures they used were a combination of lowering central interest rates and flooding financial markets with liquidity, particularly through unconventional means such as quantitative easing (QE), where central banks bought large amounts of central government debt and smaller sums of other debt.

The key issue now is that that period of stimulating economic recovery and warding off the threat of deflation, is coming towards its close. A new period has already started in the US, and more recently in the UK, of reversing those measures i.e. by raising central rates and, (for the US), reducing central banks' holdings of government and other debt. These measures are now required in order to stop the trend of a reduction in spare capacity in the economy, and of unemployment falling to such low levels that the re-emergence of inflation is viewed as a major risk. It is, therefore, crucial that central banks get their timing right and do not cause shocks to market expectations that could destabilise financial markets. In particular, a key risk is that because QE-driven purchases of bonds drove up the price of government debt, and therefore caused a sharp drop in income yields, this also encouraged investors into a search for yield and into investing in riskier assets such as equities. Consequently, prices in both bond and equity markets rose to historically high valuation levels simultaneously. This now means that both asset categories are vulnerable to a sharp downward correction. It is important, therefore, that central banks only gradually unwind their holdings of bonds in order to prevent destabilising the financial markets. It is also likely that the timeframe for central banks unwinding their holdings of QE debt purchases will be over several years. They need to balance their timing to neither squash economic recovery, by taking too rapid and too strong action, or, conversely, let inflation run away by taking action that was too slow and/or too weak. **The potential for central banks to get this timing and strength of action wrong are now key risks.**

The world economy also needs to adjust to a sharp change in **liquidity creation** over the last five years where the US has moved from boosting liquidity by QE purchases, to reducing its holdings of debt. In addition, the European Central Bank has cut back its QE purchases substantially and is likely to end them completely by the end of 2018.

UK. The flow of positive economic statistics since the end of the first quarter this year has shown that pessimism was overdone about the poor growth in quarter 1 when adverse weather caused a temporary downward blip. Quarter 1 at 0.1% growth in Gross Domestic Product (GDP) was followed by a return to 0.4% in quarter 2; quarter 3 is expected to be robust at around +0.6% but quarter 4 is expected to weaken from that level.

At their November meeting, the MPC repeated their well-worn phrase that future Bank Rate increases would be gradual and would rise to a much lower equilibrium rate, (where monetary policy is neither expansionary or contractionary), than before the crash; indeed they gave a figure for this of around 2.5% in ten years time but declined to give a medium

term forecast. However, with so much uncertainty around Brexit, they warned that the next move could be up or down, even if there was a disorderly Brexit. While it would be expected that Bank Rate could be cut if there was a significant fall in GDP growth as a result of a disorderly Brexit, so as to provide a stimulus to growth, they warned they could also raise Bank Rate in the same scenario if there was a boost to inflation from a devaluation of sterling, increases in import prices and more expensive goods produced in the UK replacing cheaper goods previously imported, and so on. In addition, the Chancellor has held back some spare capacity to provide a further fiscal stimulus if needed.

It is unlikely that the MPC would increase Bank Rate in February 2019, ahead of the deadline in March for Brexit. Getting parliamentary approval for a Brexit agreement on both sides of the Channel will take well into spring next year. However, in view of the hawkish stance of the MPC at their November meeting, the next increase in Bank Rate is now forecast to be in May 2019. The following increases are then forecast to be in February and November 2020 before ending up at 2.0% in February 2022.

Inflation. The Consumer Price Index (CPI) measure of inflation has been falling from a peak of 3.1% in November 2017 to 2.4% in October. In the November Bank of England quarterly inflation report, inflation was forecast to still be marginally above its 2% inflation target two years ahead, (at about 2.1%), given a scenario of minimal increases in Bank Rate. This inflation forecast is likely to be amended upwards due to the Bank's inflation report being produced prior to the Chancellor's announcement of a significant fiscal stimulus in the Budget; this is likely to add 0.3% to GDP growth at a time when there is little spare capacity left in the economy, particularly of labour.

As for the **labour market** figures in September, unemployment at 4.1% was marginally above a 43 year low of 4% on the Independent Labour Organisation measure. A combination of job vacancies hitting an all-time high, together with negligible growth in total employment numbers, indicates that employers are now having major difficulties filling job vacancies with suitable staff. It was therefore unsurprising that wage inflation picked up to 3.2%, (3 month average regular pay, excluding bonuses). This meant that in real terms, (i.e. wage rates less CPI inflation), earnings are currently growing by about 0.8%, the highest level since 2009. This increase in household spending power is likely to feed through into providing some support to the overall rate of economic growth in the coming months. This tends to confirm that the MPC was right to start on a cautious increase in Bank Rate in August as it views wage inflation in excess of 3% as increasing inflationary pressures within the UK economy.

In the **political arena**, there is a risk that the current Conservative minority government may be unable to muster a majority in the Commons over Brexit. However, our central position is that Prime Minister May's government will endure, despite various setbacks, along the route to reaching an orderly Brexit in March 2019. If, however, the UK faces a general election in the next 12 months, this could result in a potential loosening of monetary and fiscal policy and therefore medium to longer dated gilt yields could rise on the expectation of a weak pound and concerns around inflation picking up.

USA. President Trump's massive easing of fiscal policy is fuelling a, (temporary), boost in consumption which has generated an upturn in the rate of strong growth which rose from 2.2%, (annualised rate), in quarter 1 to 4.2% in quarter 2 and 3.5%, (3.0% y/y), in quarter 3, but also an upturn in inflationary pressures. In particular, wage rates were increasing at 3.1% y/y in October and heading higher due to unemployment falling to a 49 year low of 3.7%. With CPI inflation over the target rate of 2% and on a rising trend towards 3%, the Fed increased rates another 0.25% in September to between 2.00% and 2.25%, this being the fourth increase in 2018. They also indicated that they expected to increase rates four more times by the end of 2019. The dilemma, however, is what to do when the temporary boost to consumption wanes, particularly as the recent imposition of tariffs on a number of countries' exports to the US, (China in particular), could

see a switch to US production of some of those goods, but at higher prices. Such a scenario would invariably make any easing of monetary policy harder for the Fed in the second half of 2019. However, a combination of an expected four increases in rates of 0.25% by the end of 2019, together with a waning of the boost to economic growth from the fiscal stimulus in 2018, could combine to depress growth below its potential rate, i.e. monetary policy may prove to be too aggressive and lead to the Fed having to start on cutting rates. The Fed has also been unwinding its previous quantitative easing purchases of debt by gradually increasing the amount of monthly maturing debt that it has not been reinvesting.

The tariff war between the US and China has been generating a lot of heat during 2018, but it is not expected that the current level of actual action would have much in the way of a significant effect on US or world growth. However, there is a risk of escalation. The results of the mid-term elections are not expected to have a material effect on the economy.

Eurozone. Growth was 0.4% in quarters 1 and 2 but fell back to 0.2% in quarter 3, though this is probably just a temporary dip. In particular, data from Germany has been mixed and it could be negatively impacted by US tariffs on a significant part of manufacturing exports e.g. cars. For that reason, although growth is still expected to be in the region of nearly 2% for 2018, the horizon is less clear than it seemed just a short while ago. Having halved its quantitative easing purchases of debt in October 2018 to €15bn per month, the European Central Bank has indicated it is likely to end all further purchases in December 2018. Inflationary pressures are starting to build gently so it is expected that the ECB will start to increase rates towards the end of 2019.

China. Economic growth has been weakening over successive years, despite repeated rounds of central bank stimulus; medium term risks are increasing. Major progress still needs to be made to eliminate excess industrial capacity and the stock of unsold property, and to address the level of non-performing loans in the banking and credit systems. Progress has been made in reducing the rate of credit creation, particularly from the shadow banking sector, which is feeding through into lower economic growth. There are concerns that official economic statistics are inflating the published rate of growth.

Japan - has been struggling to stimulate consistent significant GDP growth and to get inflation up to its target of 2%, despite huge monetary and fiscal stimulus. It is also making little progress on fundamental reform of the economy. It is likely that loose monetary policy will endure for some years yet to try to stimulate growth and modest inflation.

Emerging countries. Argentina and Turkey are currently experiencing major headwinds and are facing challenges in external financing requirements well in excess of their reserves of foreign exchange. However, these countries are small in terms of the overall world economy, (around 1% each), so the fallout from the expected recessions in these countries will be minimal.

INTEREST RATE FORECASTS

The interest rate forecasts provided by Link Asset Services in paragraph 3.3 are predicated on an assumption of an agreement being reached on Brexit between the UK and the EU. In the event of an orderly non-agreement exit, it is likely that the Bank of England would take action to cut Bank Rate from 0.75% in order to help economic growth deal with the adverse effects of this situation. This is also likely to cause short to medium term gilt yields to fall. If there was a disorderly Brexit, then any cut in Bank Rate would be likely to last for a longer period and also depress short and medium gilt yields correspondingly. It is also possible that the government could act to protect economic growth by implementing fiscal stimulus.

The balance of risks to the UK

- The overall balance of risks to economic growth in the UK is probably neutral.
- The balance of risks to increases in Bank Rate and shorter term PWLB rates, are probably also even and are broadly dependent on how strong GDP growth turns out, how slowly inflation pressures subside, and how quickly the Brexit negotiations move forward positively.

One risk that is both an upside and downside risk, is that all central banks are now working in very different economic conditions than before the 2008 financial crash as there has been a major increase in consumer and other debt due to the exceptionally low levels of borrowing rates that have prevailed for ten years since 2008. This means that the neutral rate of interest in an economy, (i.e. the rate that is neither expansionary nor deflationary), is difficult to determine definitively in this new environment, although central banks have made statements that they expect it to be much lower than before 2008. Central banks could therefore either over or under do increases in central interest rates.

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

- **Brexit** – if it were to cause significant economic disruption and a major downturn in the rate of growth.
- **Bank of England monetary policy** takes action too quickly, or too far, over the next three years to raise Bank Rate and causes UK economic growth, and increases in inflation, to be weaker than we currently anticipate.
- A resurgence of the **Eurozone sovereign debt crisis**, possibly in **Italy**, due to its high level of government debt, low rate of economic growth and vulnerable banking system, and due to the election in March of a government which has made a lot of anti-austerity noise. At the time of writing, the EU has rejected the proposed Italian budget and has demanded cuts in government spending which the Italian government has refused. The rating agencies have started on downgrading Italian debt to one notch above junk level. If Italian debt were to fall below investment grade, many investors would be unable to hold it. Unsurprisingly, investors are becoming increasingly concerned by the actions of the Italian government and consequently, Italian bond yields have risen sharply – at a time when the government faces having to refinance large amounts of debt maturing in 2019.
- Weak capitalisation of some **European banks**. Italian banks are particularly vulnerable; one factor is that they hold a high level of Italian government debt - debt which is falling in value. This is therefore undermining their capital ratios and raises the question of whether they will need to raise fresh capital to plug the gap.
- **German minority government**. In the German general election of September 2017, Angela Merkel's CDU party was left in a vulnerable minority position dependent on the fractious support of the SPD party, as a result of the rise in popularity of the anti-immigration AfD party. Then in October 2018, the results of the Bavarian and Hesse state elections radically undermined the SPD party and showed a sharp fall in support for the CDU. As a result, the SPD is reviewing whether it can continue to support a coalition that is so damaging to its electoral popularity. After the result of the Hesse state election, Angela Merkel announced that she would not stand for re-election as CDU party leader at her party's convention in December 2018. However, this makes little practical difference as she is still expected to aim to continue for now as the Chancellor. However, there are five more state elections coming up in 2019 and EU parliamentary elections in May/June; these could result in a further loss of electoral support for both the CDU and SPD which could also undermine her leadership.

- **Other minority eurozone governments.** Spain, Portugal, Netherlands and Belgium all have vulnerable minority governments dependent on coalitions which could prove fragile. Sweden is also struggling to form a government due to the anti-immigration party holding the balance of power, and which no other party is willing to form a coalition with.
- **Austria, the Czech Republic and Hungary** now form a strongly anti-immigration bloc within the EU while **Italy**, this year, has also elected a strongly anti-immigration government. Elections to the EU parliament are due in May/June 2019.
- Further increases in interest rates in the US could spark a **sudden flight of investment funds** from more risky assets e.g. shares, into bonds yielding a much improved yield. In October 2018, we have seen a sharp fall in equity markets but this has been limited, as yet. Emerging countries which have borrowed heavily in dollar denominated debt, could be particularly exposed to this risk of an investor flight to safe havens e.g. UK gilts.
- There are concerns around the level of **US corporate debt** which has swollen massively during the period of low borrowing rates in order to finance mergers and acquisitions. This has resulted in the debt of many large corporations being downgraded to a BBB credit rating, close to junk status. Indeed, 48% of total investment grade corporate debt is now rated at BBB. If such corporations fail to generate profits and cash flow to reduce their debt levels as expected, this could tip their debt into junk ratings which will increase their cost of financing and further negatively impact profits and cash flow.
- **Geopolitical risks**, especially North Korea, but also in Europe and the Middle East, which could lead to increasing safe haven flows.

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

- **Brexit** – if both sides were to agree a compromise that removed all threats of economic and political disruption.
- **The Fed causing a sudden shock in financial markets** through misjudging the pace and strength of increases in its Fed. Funds Rate and in the pace and strength of reversal of QE, which then leads to a fundamental reassessment by investors of the relative risks of holding bonds, as opposed to equities. This could lead to a major flight from bonds to equities and a sharp increase in bond yields in the US, which could then spill over into impacting bond yields around the world.
- The **Bank of England is too slow** in its pace and strength of increases in Bank Rate and, therefore, allows inflation pressures to build up too strongly within the UK economy, which then necessitates a later rapid series of increases in Bank Rate faster than we currently expect.
- **UK inflation**, whether domestically generated or imported, returning to sustained significantly higher levels causing an increase in the inflation premium inherent to gilt yields.

APPENDIX 5.3 Treasury Management Practice (TMP1) – Credit and Counterparty Risk Management

SPECIFIED INVESTMENTS: All such investments will be sterling denominated, with maturities up to maximum of 1 year, meeting the minimum 'high' quality criteria where applicable.

	Minimum 'High' Credit Criteria	Use
Debt Management Agency Deposit Facility	N/A	In-house
UK Local Authority Deposits	N/A	In-house
Term Deposits – banks and building societies	Minimum colour of green on our external treasury advisers credit rating matrix	In-house
Treasury Bills	UK sovereign rating	In-house
Certificates of Deposit or Corporate Bonds issued by banks and building societies	Minimum colour of green on our external treasury advisers credit rating matrix	In-house
Bonds issued by multilateral development banks	AAA	In-house buy and hold
Money Market Funds – CCLA (Church, Charities & Local Authority)	AAA	In-house (£10m limit for cash flow purposes)
Money Market Funds CNAV (Constant Net Asset Value)	AAA	In-house
Money Market Funds LVAV (Low Volatility Asset Value)	AAA	In-house
Money Market Funds VNAV (Variable Net Asset Value)	AAA	In-house

Term deposits with nationalised banks and banks and building societies.

	Minimum Credit Criteria	Use	Max of total investments	Max. maturity period
UK part nationalised banks	Minimum colour of green on our external treasury advisers credit rating matrix	In-house	£5m	1 year
Banks part nationalised by AAA or AA- sovereign rating countries – non UK	Minimum colour of green on our external treasury advisers credit rating matrix	In-house	£5m	1 year

If forward deposits are to be made, the

forward period plus the deal period should not exceed one year in aggregate.

Collective Investment Schemes structured as Open Ended Investment Companies (OEICs): -				
	Minimum Credit Criteria	Use	Max % of non-specified investments	Max. maturity period
Ultra-Short Dated Bond Funds with a credit score of 1.25	Long-term AAA	In-house	100%	1 years

N.B. buy and hold may also include sale at a financial year end and repurchase the following day in order to accommodate the requirements of the Accounting Code of Practice.

Accounting treatment of investments. The accounting treatment may differ from the underlying cash transactions arising from investment decisions made by this Council. To ensure that the Council is protected from any adverse revenue impact, which may arise from these differences, we will review the accounting implications of new transactions before they are undertaken.

NON-SPECIFIED INVESTMENTS: These are any investments which do not meet the Specified Investment criteria. A maximum of £5m will be held in aggregate in non-specified investments.

Maturities of ANY period

	Minimum Credit Criteria	Use	Max % of non-specified investments	Max. maturity period
Fixed Term Deposits with variable rate and variable maturities: -Structured deposits	Sovereign rating of AAA or AA- and minimum colour of green on our external treasury advisers credit rating matrix	In-house	100%	5 year
UK Government Gilts	UK sovereign rating	In-house buy and hold	100%	5 year
Sovereign Bond issues (other than the UK govt.)	AAA	In-house buy and hold	100%	5 year
Bond issuance issued by a financial institution which is explicitly guaranteed by the UK Government (e.g. National Rail)	UK sovereign rating	In-house buy and hold	100%	5 year
Collateralised Deposits (see note 1)	UK Sovereign rating	In-house	100%	5 year

Ultra-Short Dated Bond Funds with a credit score of 1.5	Long-term AAA	In-house	100%	1 years
Bond Funds	Long-term AAA volatility rating MR1+	In-house	100%	5 years
Gilt Funds	Long-term AAA volatility rating MR1+	In-house	100%	5 years

Note 1. as collateralised deposits are backed by collateral of AAA rated local authority Lender Option Borrower Option (LOBO)'s, this investment instrument is regarded as being a AAA rated investment as it is equivalent to lending to a local authority.

Maturities in excess of 1 year

	Minimum Credit Criteria	Use	Max % of non-specified investments	Max. maturity period
Term Deposits – UK local authorities	N/A	In-house	100%	5 year
Term Deposits – banks and building societies	Sovereign rating of AAA or AA- and minimum colour of orange on our external treasury advisers credit rating matrix	In-house	100%	5 year
Certificates of Deposit issued by banks and building societies	Sovereign rating of AAA or AA- and minimum colour of orange on our external treasury advisers credit rating matrix	In-house	100%	5 year
Corporate bonds issued by banks and building societies	Sovereign rating of AAA or AA- and minimum colour of orange on our external treasury advisers credit rating matrix	In-house	100%	5 year
Bonds issued by multilateral development banks	AAA	In-house	100%	5 year
Collective Investment Schemes structured as Open Ended Investment Companies (OEICs)				
Property Fund		In-House	£5m	Separate approval required
Corporate Bond Fund		In-House	£5m	Separate approval required

The use of property funds can be deemed capital expenditure, and as such will be an application (spending) of capital resources. This Authority will seek guidance on the status of any fund it may consider using. Appropriate due diligence will also be undertaken before investment of this type is undertaken.

Non treasury loans and investments with Welland Homes and South Holland Local Housing Company will not count towards the Non-Specified Investment limit.

The maximum total investment to any individual financial institution or its parent group is £5m and the limit with Money Market Funds is £10m.

Lloyds Bank provides banking services to the Council and the above limits do not include the day to day balance in the Council's current account.

Whilst these are maximum limits, under normal circumstances the Section 151 Officer will ensure lower limits are maintained. The higher limits are required to allow flexibility in the movement of funds if a particular issue or circumstance arises e.g. global banking crisis.

APPENDIX 5.4 Approved countries for investments

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, Norway and Luxembourg), have banks operating in sterling markets which have credit ratings of green or above in the Link Asset Services credit worthiness service.

AAA

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

AA+

- Finland
- U.S.A.

AA

- Abu Dhabi (UAE)
- France
- Hong Kong
- U.K.

AA-

- Belgium
- Qatar

APPENDIX 5.5 - Treasury management scheme of delegation

(i) Full council

- receiving and reviewing reports on treasury management policies, practices and activities
- approval of annual strategy.
- approval of / amendments to the council's adopted clauses, treasury management policy statement and treasury management practices
- budget consideration and approval
- approval of the division of responsibilities as contained in the Financial Regulations

(ii) Cabinet and Governance & Audit Committee

- reviewing the treasury management policy and procedures and making recommendations to the responsible body.
- receiving and reviewing the annual strategy and making recommendations to the responsible body.
- receiving and reviewing regular monitoring reports and acting on recommendations.

SCRUTINY AND MONITORING

Council delegates the scrutiny and monitoring of the Treasury Management function to the Governance and Audit Committee. As a minimum they will receive a Mid Term Treasury report on investment issues and performance. Training will be made available for members of the Governance and Audit Committee to ensure they have the necessary skills to undertake this role.

The Governance and Audit Committee will also have access to professional and independent advice and support as required in order to undertake this role.

APPENDIX 5.6 - The treasury management role of the Section 151 Officer and deputy**The Section 151 Officer responsibilities are as follows:**

- recommending clauses, treasury management policy/practices for approval, reviewing the same regularly, and monitoring compliance;
- submitting regular treasury management policy reports;
- submitting budgets and budget variations;
- receiving and reviewing management information reports;
- reviewing the performance of the treasury management function;
- ensuring the adequacy of treasury management resources and skills, and the effective division of responsibilities within the treasury management function;
- ensuring the adequacy of internal audit, and liaising with external audit;
- recommending the appointment of external service providers;
- preparation of a capital strategy to include capital expenditure, capital financing, non-financial investments and treasury management, with a long term timeframe ;
- ensuring that the capital strategy is prudent, sustainable, affordable and prudent in the long term and provides value for money;
- ensuring that due diligence has been carried out on all treasury and non-financial investments and is in accordance with the risk appetite of the authority;
- ensure that the authority has appropriate legal powers to undertake expenditure on non-financial assets and their financing;
- ensuring the proportionality of all investments so that the authority does not undertake a level of investing which exposes the authority to an excessive level of risk compared to its financial resources;
- ensuring that an adequate governance process is in place for the approval, monitoring and ongoing risk management of all non-financial investments and long term liabilities;
- provision to members of a schedule of all non-treasury investments including material investments in subsidiaries, joint ventures, loans and financial guarantees ;
- ensuring that members are adequately informed and understand the risk exposures taken on by an authority;
- ensuring that the authority has adequate expertise, either in house or externally provided, to carry out the above;
- creation of Treasury Management Practices which specifically deal with how non treasury investments will be carried out and managed, to include the following :-
 - Risk management (TMP1 and schedules), including investment and risk management criteria for any material non-treasury investment portfolios;
 - Performance measurement and management (TMP2 and schedules), including methodology and criteria for assessing the performance and success of non-treasury investments;
 - Decision making, governance and organisation (TMP5 and schedules), including a statement of the governance requirements for decision making in relation to non-treasury investments; and arrangements to ensure that appropriate professional due diligence is carried out to support decision making;
 - Reporting and management information (TMP6 and schedules), including where and how often monitoring reports are taken;
 - Training and qualifications (TMP10 and schedules), including how the relevant knowledge and skills in relation to non-treasury investments will be arranged.

Compass Point Business Services is responsible for the provision of:

- treasury management strategy statements and practices for approval
- regular treasury management policy reports
- budget and budget variations
- management information reports
- adequate treasury management resources and skills, and effective division of responsibilities within the treasury management function, and;
- arranging the appointment of external treasury management advisors.

Where the use of particular instant access accounts, notice accounts and money market funds has been approved by the Section 151 Officer, CPBS treasury officers have delegated authority to withdraw and deposit funds within the agreed limits contained in this strategy.