item 8



Local Pension Board Date: 23rd October 2019

Risk Management and Internal Audit (for information and discussion)

Report of the Head of Pensions

Purpose of Report

- 1. This report contains the current Fund level risk register and the internal audit programme.
- 2. The Board is asked for its views on the risk register and the internal audit programme.
- 3. The Board is recommended to note the report.

Background

- 4. The Committee has delegated the quarterly monitoring of the risk register and the internal audit programme to the Local Pension Board. The Committee will, however, continue to receive annual reports on these matters.
- 5. The Fund's approach to the review, control and internal reporting of risk is set out below.
 - The risk register is reviewed quarterly, or more frequently if required, by officers and the updated document is posted on the Fund's website
 - The Local Pension Board reviews the risk register in full each quarter
 - The Committee receives an annual report on the risk register each September
 - The Committee and the Board include risk management in their training programme. The training event in September 2018 included two sessions on risk management
- 6. The approach to the preparation, implementation and internal reporting of the internal audit programme is set out below:
 - The annual programme is prepared by the Corporate Assurance Manager and is presented to the Committee at the June meeting and to the Local Board in July. This includes the forthcoming programme for the coming year, along with a summary of the audits undertaken in the past year
 - The programme is undertaken by the Internal Audit Service and Deloitte
 - Completed audits are posted in the password protected part of the Fund's website
 - A summary of the outcome of each audit is presented to the Local Board at each quarterly meeting
 - The Committee's attention will be drawn to any material audit findings

Approach to Managing and Reporting on Risks

- 7. The Fund has to identify and control the risks that it faces as part of the ongoing delivery of the service.
- 8. In addition to the risk register, the outcome of this process appears in a range of documents produced by the Fund. The requirement to include this information is often prescribed in regulations. For example:

- The Funding Strategy Statement includes a summary of risks to the funding strategy and the setting and collection of employer contributions
- The Investment Strategy Statement includes a summary of risks to the delivery of the investment strategy
- The Notes to the Report and Accounts include a summary of risks to the value of the Fund's assets
- The approach to the quarterly review of the risk register by the officers is set out 9. in an attachment to this report entitled "Risk Assessment Methodology". It is based on the net risk, i.e. the risk that remains after all appropriate controls have been applied, which is ranked on a scale of:
 - critical
 - high
 - moderate
 - minor

Current Risk Register

10. The current version of the risk register was reviewed on 30th September 2019.

11. There were two changes to the risk register.

Risk		From	То	Reason
Ref	Title	FIOII	10	Reason
A1	The title of this risk has changed from			Now that the new funding level has been confirmed it is
	The funding level fails to			appropriate to review
	recover in accordance with the recovery plan, or			the risk which previously related to
	worsens, due to			the funding level
	investment returns being			failing to recover in
	below the levels assumed in the triennial valuations,			accordance with the recovery plan. In
	i.e. relative return to			addition, because of
	discount rate.			the knowledge of the
	То			significant improvement in the funding level at the
	The funding level worsens	Negligible/	Marginal/	last quarter end date
	and falls below 100% due	Possible	Possible	the risk was
	to investment returns being	(Minor)	(Moderate)	downgraded.

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	below the levels assumed in the triennial valuations, i.e. relative return to discount rate.			However, now that the risk has changed to worsening or falling below 100% as a result of investment returns, the impact is considered to be higher. Therefore the risk score has also been amended.
F1	The title of this risk has changed from The funding level fails to recover in accordance with the recovery plan, or worsens, due to outturn differing from valuation assumptions. To The funding level worsens or falls below 100%, due to outturn differing from valuation assumptions.	Marginal/ Possible (Moderate)	No change	The change in the risk description is the same issue as A1 above. There is however no change to the risk score. This risk looks at valuation assumptions rather than investment returns. The impact on this was already in the marginal category.

- 12. The practice of the Local Pension Board is to review two risks in more depth at each quarterly meeting, one being a relatively high risk and one lower risk.
- 13. For this quarter, the two risks selected are shown below.
 - F8 high risk Employees do not join or remain in the Fund, either for financial reasons or because their employer does not promote the scheme or structures employees away from the Scheme (scheduled and admitted bodies) or prevents membership (admitted bodies only). Fewer new starters re use of short term contracts by employers allied to the two year vesting period in the new scheme

This has been selected as consultation on a move to a four year valuation cycle also included an option for Colleges and Universities to be able to close LGPS membership eligibility for future recruits (existing staff are to be protected). The Fund has opposed this proposal as Colleges and Universities are large scale employers and should they close active membership, this could impact on cashflows and bring forward the maturity of the scheme

L1 low risk –Failure to apply the Regulations correctly in relation to benefits
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This risk was initially introduced into the risk register a number of years ago when the new CARE scheme was brought in. Due to the late release of the regulations surrounding CARE it was not possible to get the systems rewritten in time and consequently there were a significant amount of manual calculations undertaken. Over time this risk has been reduced and is now in the lowest category for both impact and likelihood. Given this, one issue to consider is whether this risk should remain on the risk register.

- 14. A discussion on these two risks will take place at the meeting.
- 15. At the Board's meeting in March 2019 risk G2 was discussed. This risk is rated as high in the risk register. It is described as "There will be enforced changes to the governance arrangements from proposals to pool investments across the Scheme which may lead to sub optimal decisions being taken on behalf of Tyne and Wear Pension Fund".
- 16. The Board's view was that the rating is too high, bearing in mind the current control measures and the actions as detailed.
- 17. However, the likelihood rating of possible, and the impact rating of significant which equates to a moderate short term impact, has led officers to believe that this rating is appropriate as it reflects the governance arrangements and not the financial impact.
- 18. This contrasts with risk A13 which is about the financial impact. The risk is described as "There will be enforced changes to the investment and governance arrangements from proposals to pool investments across the Scheme which may result in increased costs and impact on net returns".
- 19. In this case, the likelihood of the risk is rated as near certain, but the impact rating is negligible. This equates to a financial impact of less than 1% of the value of the Fund, which equates to approximately £90 million.
- 20. Deloitte will be undertaking a due diligence review of pooling arrangements in 2019/20. Following this review, these two risks will be reassessed.
- 21. A copy of the full risk register is attached to this report. The Local Board's views on the risk register are requested.

Internal Audits

22. During the quarter, there have been no audit reports received.

Recommendation

23. The Board is asked for its views on the risk register and the internal audit programme.

Reason for Recommendation

24. To ensure the risks and the internal audit programme are appropriately monitored and managed.

Appendix

Risk Assessment Methodology

Impact

Impact/Area	Negligible	Marginal	Significant	Substantial
Governance	Little or no impact	Minor short term	Moderate short term	Sustained
Assets	Less than 1% of asset	1-5% of assets	5–15% of assets	Over 15% of assets
Liabilities/ Funding	Minor or no impact on liabilities/ funding level	Low impact on liabilities/ funding level	Significant but recoverable impact	Significant and irrecoverable
Legal	Minor short term	Moderate short term	Serious short term	Serious long term
Service Delivery	Minor short term	Moderate short term	Serious short term	Serious long term
Reputation	Minor short term	Moderate short term	Serious short term	Serious long term

Likelihood

Event is expected to occur	Near certain
Event should occur at some time	Probable
Event could occur at some time	Possible
Event may occur only in rare circumstances	Improbable

Risk Register

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near certain	Moderate A7, A9, A13, S1	High S7	Critical	Critical
Probable	Moderate L4	High F8, S6, S13	Critical	Critical
Possible		Moderate G1, G3, A1, A3, F1, S2, S3, S9, S10,	High G2	Critical
Improbable	Minor F3, L1, L8	Minor	Moderate S12	High

Review – 30th September 2019

Changes at this Review

	Risk	From	То	Reason
Ref	Title			
A1	The title of this risk has changed from The funding level fails to recover in accordance with the recovery plan, or worsens, due to investment returns being below the levels assumed in the triennial valuations, i.e. relative return to discount rate. To The funding level worsens and falls below 100% due to investment returns being below the levels assumed in the triennial valuations, i.e. relative return to discount rate.	Negligible/ Possible (Minor)	Marginal/ Possible (Moderate)	Now that the new funding level has been confirmed it is appropriate to review the risk which previously related to the funding level failing to recover in accordance with the recovery plan. In addition, because of the knowledge of the significant improvement in the funding level at the last quarter end date the risk was downgraded. However, now that the risk has changed to worsening or falling below 100% as a result of investment returns, the impact is considered to be higher. Therefore the risk score has also been amended.
F1	The title of this risk has changed from The funding level fails to recover in accordance with the recovery plan, or worsens, due to outturn differing from valuation assumptions. To The funding level worsens or falls below 100%, due to outturn differing from valuation assumptions.	Marginal/ Possible (Moderate)	No change	The change in the risk description is the same issues as A1 above. There is however no change to the risk score. This risk looks at valuation assumptions rather than investment returns. The impact on this was already in the marginal category.

Approach to Considering Risks

1. The risk register is scored on a net basis, which means after all controls have been applied.

Notes on Potential Future Risks

- 2. Continue to monitor the position on the pension freedoms re DB to DC shift. The number of transfers is increasing and this may start to impact on cashflow. At this stage it is still not considered significant enough to be a separate risk. It is however, noted in cashflow risks. Recent changes to the regulations in May 18 to allow current deferred members to collect benefits (without employer approval) from 55 subject to actuarial deduction may reduce the impact of this.
- 3. The impact of Brexit will be considered through the risks already included in the Risk Register rather than as a separate risk in itself.
- 4. One potential risk from shared services and the take on of Northumberland data is in relation to the adequacy of the data quality. This cannot be properly assessed at this stage. There should be no impact on the quality of the Tyne and Wear data. The review of data quality undertaken for the regulator for 2018 suggests that the Northumberland data quality is slightly lower than Tyne and Wear but not materially. It is suggested that this potential risk will be monitored until the data quality review for 2019.
- 5. The move to greater electronic communication with employers and members may give rise to additional risks. A wider review of this is to be undertaken which will then inform the risk register.
- 6. The Scheme Advisory Board review of the role for the Administering Authority and potential separation issues has been highlighted as a potential emerging risk. The initial report from Hymans has been produced. Following an initial review this does not suggest any significant concerns from the Fund the position will be monitored. Deloitte has been asked to consider this as part of their annual governance review.
- 7. There are a number of risks that relate to investment pooling. In particular risk G2 and A13 which are specific pooling related risks. At the current time they are still considered to be relevant. Other risks such as a failure on an investment manager process will also impact. As more assets transfer over a holistic review of the risk from pooling will need to be undertaken. This will take place after the Deloitte audit on pooling, which is scheduled to take place in 2018/19.
- 8. Climate change is becoming a bigger and more significant issue. It is highlighted as a significant financial risk in the Investment Strategy

Statement and the Funding Strategy Statement. Specific mention has also been made of this in risk G3 on ESG. This approach is considered appropriate but will be kept under review.

Other Notes

9. None.

No.	xxxx	Ref.	G1	Risk Owner	Pensions Committee	Updated	02/11/2018
Risk					knowledge and un ension Board.	derstanding	g by the
Impa	ict				on making and lac	k of challer	nge to
Cont	rols	officers and advisors. Training Policy and Programme in place based on CIPFA Code of Practice and Knowledge and Skills Frameworks for Pensions Committees and Local Pension Boards. Diverse skills base amongst Members. Size of Committee provides protection against turnover. Annual Committee self assessment of skills base and review of governance structure. Availability of advisors and officers. Local Pension Board strengthens governance structure. A joint training policy has been agreed by the Committee and the Local Pensions Board. The Committee and the Board in 2018/19 scored themselves against the CIPFA KSF and this will be used to inform the training programme. Induction training delivered to new members.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
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Continue the emphasis on development and delivery of Training Policy and Programme.

No.	xxxx	Ref.	G2	Risk Owner	Head of Pensions	Updated	As G1
Risk		There will be enforced changes to the governance arrangements from proposals to pool investments across the Scheme which may lead to sub optimal decisions being taken on behalf of Tyne and Wear Pension Fund. (see A13 also).					
ImpactPotential for the Fund not being able to fully implement its Investment Strategy. May need to compromise on what is in best interests of the Fund. Material short term governance burden as new arrangements are researched and put into plate					at is in the ance		
Cont	trols	Actively participate in the establishment of the governance arrangements for the pool and ensure the position of the Fund is protected. External advisors have been appointed. Strategy and asset allocation decisions remain at the Fund level.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod	High xxxxx	Critical
Improbable	Min	Min	Mod	High

Net Risk	High	Strategy	Treat
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Action Required Take forward the Committee's decision on pooling, and continue to keep Committee informed of developments. Contribute to the Pool's deliberations in this area. Officers to take an active part in all working groups at Border to Coast on each sub fund in which the Fund will invest. Liaise with Investment Advisor on these sub funds. Audit by Deloitte of pooling governance to take place in 2019/20.

No.	xxxx	Ref.	G3	Risk Owner	Head of Pensions	Updated	As G1	
Risk			Insufficient attention to environmental, social and governance (ESG) issues can lead to reputational damage.					
Impa	act	this m also r which predo accou financ	The Fund receives criticism for not fully observing and embracing this matter from scheme members and in the press. The Fund also needs to be aware of the statutory guidance in this respect which requires the Fund to make the pursuit of financial return its predominant concern. ESG facts can and should be taken into account but only if doing so would not involve significant risk of financial detriment to the scheme and believe that scheme members would support the decision.					
Cont	trols	The Fund's Investment Strategy Statement and Corporate Governance Policy cover the extent to which social, environmental and ethical considerations are taken into account in the selection, retention and realisation of investments. Member of the LAPFF. Climate change is recognised as a significant financial risk. The Fund has a policy of requiring managers (including BCPP) to engage on ESG issues rather that disinvest. The Fund requires managers (including BCPP) to consider these issues.						

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
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Action Required	Review ESG issues and climate change, including new potential investment products
	Update website to clearly demonstrate action taken on ESG
	issues and climate change
	Work with Border to Coast on Responsible Investment Policy.

No.	xxxx	Ref.	A1	Risk Owner	Head of Pensions	Updated	As G1
Risk		return	is being b	elow the l	ns or falls below 10 evels assumed in eturn to discount ra	the triennia	
Impa	ict	emplo			urn leading to the p nd greater volatilit		•
Cont	rols	Valuation assumptions are discussed and agreed with the Actuary. Conservative return assumptions have been used when setting the discount assumption of 4.3% for the 2019 valuation, and circa 5.7% for the ALM. The actual return for the period from March 2019 to September 2019 is not yet available. A decision has been taken by the Committee to de-risk the investment strategy, taking 15% out of growth assets and moving 10% to income assets and 5% to protection assets.				i used when valuation, period from k the	

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
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Action	Implement the agree de-risking strategy
Required	

No.	xxxx	Ref.	A3	Risk Owner	Head of Pensions	Updated	As G1
Risk					an appropriate st nt management st	0	chmark and
Impa	act	highe contri	r employe butions.	rs' contrik Possible r	nent return, leadir outions and greate need to devise and ce with Investment	er volatility i d implemen	n level of t a revised
Cont	trols	The benchmark is reviewed in depth when up to date liability data becomes available after each triennial valuation. Interim studies and analysis are carried out in intervening years, as appropriate. 2019 review of strategy completed and signed off by Committee in September 2019. A quarterly review of tactical positions also takes place which has looked at currency hedging and equity protection.		liability Interim ars, as signed off			

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk Moderate Strategy Treat
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Action	Continue to apply controls. Continue to monitor the position with				
Required	regards to hedging and equity protection.				
	Implement the agreed de-risking strategy.				

No.	xxxx	Ref.	A4	Risk Owner	Head of Pensions	Updated	As G1
Risk		There is inadequate monitoring of the performance of managers (including Border to Coast) and custodians. Failure to undertake formal reviews, if required.					
Impa	act	Possible breach of statutory duty, leading to adverse audit reports and poor publicity. Possible reduced investment return. Selection process leading to assets under care and maintenance. Cost of transition of assets. Assets in limbo in the case of a corporate failure. Move to pooling may result in reduced direct access to the underlying investment managers.					
Cont	trols	A detailed monitoring process is in place that involves the Committee, Investment Panel, Officers and the Investment Advisor. Monthly reconciliation of portfolios. Have agreed an approach to monitoring Border to Coast.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat
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Action	Continue to apply existing controls.
Required	Need to agree the approach to getting full risk and return
	analysis from Portfolio Evaluation on Border to Coast.

No.	xxxx	Ref.	A5	Risk Owner	Principal Investment Manager	Updated	As G1
Risk		There is a failure of an investment manager's (including Border to Coast) process that significantly affects the Fund.					
Impa	Impact Reduced investment return, but at a level that is unlikely to be a significance to employers' contributions. Possible need to revie the affected manager's investment process. Potential for adverse publicity.					ed to review	
ControlsInvestment strategy is subject to continuous review by main investment Panel and Officers review strategy quarterly. Investment structure is well diversified. Investment Advisor others available to provide advice, market intelligence and Assets may need to be moved to passive until Border to C pooling arrangements present suitable alternatives. The move to pooling will diversify our exposure to the under managers which should reduce the risk. However, as mor assets transfer over there will be more direct risk from Bor Coast as our investment manager.					ly. dvisor and and views. to Coast underlying more		

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat
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Action Required	Work closely with Border to Coast on the development of new investment sub funds. Monitor Border to Coast at a corporate level as well as the investment level.

No.	xxxx	Ref.	A6	Risk Owner	Principal Investment Manager	Updated	As G1
Risk		An investment, broker or stock lending counterparty fails.					
Impa	ict	Trades fail, potential for assets (securities and / or cash) to be in limbo or lost.					
Cont	Controls Managers review counterparties. Collateral and indemnities, custodian controls and counterparty limits in place for stock lending.						

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat
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Action	Continue to apply controls
Required	Continue to monitor the position on MF Global recovery, which stood at 90% to September 2019. TWPF is expected to receive approximately a full settlement in due course but this is dependent on the decision of the High Court, which is managing the process. A resolution is likely to be a number of years away.

No.	xxxx	Ref.	A7	Risk Owner	Principal Investment Manager	Updated	As G1
Risk		An investment manager is underperforming against its investment mandate.					
Impa	ict	Reduced investment return, but at a level that is unlikely to be of significance to employers' contributions. Possible need to review the affected managers' investment process. Potential for adverse publicity.					
ControlsInvestment strategy is subject to continuous review by the Fund. Investment Panel and Officers review strategy quarterly. Investment structure is well diversified. Investment Advisor available to provide proactive advice. Some assets have been moved to passive until BCPP pooling arrangements present suitable alternatives.					ly. dvisor lave been		

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain	XXXXX			
	Mod	High	Critical	Critical
Probable				
	Min	Mod	High	Critical
Possible				
	Min	Min	Mod	High
Improbable				-

Net Risk	Moderate	Strategy	Treat
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Action	Continue to apply controls.
Required	Continue to monitor underperforming managers. Any issues
	with managers have been address in the most recent strategy
	review and with the move to pooling.
	Actions would have to be assessed against the future pooling
	arrangements.

No.	xxxx	Ref.	A8	Risk Owner	Principal Investment Manager	Updated	As G1
Risk		guide	There is an act of fraud and/or a breach of the investment guidelines by an investment manager (including Border to Coast).				
Impa	nct	Reduced investment return, but at a level that is unlikely to be of significance to employers' contributions. Possible need to review the affected managers' investment process. Potential for adverse publicity.					
Cont	Controls Each manager's strategy is subject to continuous review by the Investment Panel and Officers. Monthly monitoring of portfolios is in place. Investment Advisor available to provide proactive advice. Managers' internal control reports are reviewed annually Regulatory framework within which investment managers operate.					portfolios oactive ed annually.	

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat
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Action Required	Continue to apply controls.
•	Need to review the internal control reports from Border to Coast.

No.	xxxx	Ref.	A9	Risk Owner	Head of Pensions	Updated	As G1
Risk That in the longer term the amount of cash coming into the fund reduces to a level that is not sufficient to cover outgoings. This i caused by the scheme naturally maturing. The speed at which matures is being impacted by ER/VR programmes and employers restricting access to new members to the scheme.						ngs. This is d at which it d	
Impa	act	Decreased cash flow to rebalance structure and to meet large cash requirements such as a property purchase. Impending need to withdraw income or capital from managers in the medium term and to review the structure in the long term.					
Cont	trols	Monthly monitoring of cash flow and of membership movements. ALM work undertaken to model the optimal structure. Latest estimate of cash flow position in 2019/20 shows that the Fund could move cash flow negative by around £100m. Report to the Local Pension Board in March 2018. This shortfall can be met from investment income.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain	XXXXX			
	Mod	High	Critical	Critical
Probable				
	Min	Mod	High	Critical
Possible				
	Min	Min	Mod	High
Improbable				_

Net Risk Moderate Strategy Treat	Net Risk	Moderate	Strategy	Treat
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Action	Update the longer term cash flow forecast in the light of the total
Required	Fund valuation position and change in investment structure.
	Monitor position on use of wholly owned subsidiaries by
	scheduled bodies and the consultation on colleges and
	universities being able to close to new entrants.
	Monitor the impact of cash transfers out.

No.	xxxx	Ref.	A10	Risk Owner	Principal Investment Manager	Updated	As G1
Risk					insufficient cash f	or investme	ent
		requir	ements of	r other co	mmitments.		
Impa	nct	Possible forced and disorderly realisation of assets to meet commitments if the position cannot be covered by temporary borrowing.					porary
Cont	ControlsSystem in place for weekly review of the working capital position Power to borrow to cover certain types of shortfall. Also a monthly review of net cash flow position. Latest agreed investment strategy includes a 1% allocation to cash. In addition on a tactical basis it has been agreed that the Fund can hold up to 4% in cash.					so a cation to	

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat
Action Required	property. Ensure that Border to Coa	ast and Leg	o Private Markets and UK al and General has the s to the Fund when this is

No.	xxxx	Ref.	A12	Risk Owner	Head of Pensions	Updated	As G1
Risk		The Fund is unable to properly deal with its overseas tax					
		liabilit	ies and m	eet the re	equirements of ove	erseas tax a	authorities.
Impa	nct	Over	or under r	ecovery c	of tax. Failure to m	nanage filin	g
		obliga	ations. Pe	nalties im	posed by tax auth	orities.	_
Cont	rols	obligations. Penalties imposed by tax authorities.Deloitte carried out audit work in 2015/16 and provided Adequate (second highest) assurance. Controls are comparable to those at other funds. Regular discussion with managers to evaluate positions. Use of blocking structures. The Fund had advice from Deloitte in Oct 2018 on the completion of tax exemption forms.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk Minor	Strategy	Treat
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Action Required	Initially the intention was to undertake further work on this area but the responsibility for private market investments has passed to Border to Coast. We will need to contribute to the preparation of the Pool's approach to this area.
	Need to understand Border to Coast approach to tax management.
	Develop tax manual and review tax status in overseas jurisdictions. This review is on hold at the moment as it is not considered to be a priority.

No.	xxxx	Ref.	A13	Risk Owner	Head of Pensions	Updated	As G1
RiskThere will be enforced changes to the investment and governance arrangements from proposals to pool investment across the Scheme which may result in increased costs a						estments	
Impa	act	Poten transi price. In ado alloca	itial for lov tion costs dition the f ition choic	ver gross and force Fund may es with th	See also G2). and net investmer ed sale of investme not be able to full ne sub funds availa he choice of interr	ents at a su ly implemer able, includ	b optimal nt its asset ing the
ControlsContribute to the Pool's deliberations in this area. Initial advious on transition costs received from Legal and General on beha the Pool. Strategy and asset allocation decisions remain at the Fund level. The Fund is actively involved in the transition advisors and managers for each transition with Border to Co					ial advice n behalf of ain at the tion		

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain	XXXXX			
	Mod	High	Critical	Critical
Probable				
	Min	Mod	High	Critical
Possible				
	Min	Min	Mod	High
Improbable				

Net Risk	Moderate	Strategy	Treat / Tolerate
Action Required	to keep Committee inform Pool's deliberations in this ensure a robust transition Investment Advisor on the pool. Initial legal advice h may be some issues rega	ed of devel area and process is potential in as been re rding the all cussions a	nvestment sub funds in the ceived and suggests there bility to "share" transition re taking place with MHCLG

No.	xxxx	Ref.	F1	Risk Owner	Head of Pensions	Updated	As G1
Risk		The funding level worsens or falls below 100%, due to outturn differing from valuation assumptions.					
Impa	ict	Potential for higher employer contributions and greater volatility in level of contributions. Financial strain on employers. Possibility of employer failure amongst smaller employers. Withdrawal from the Fund of non scheduled employers.					s. yers.
Cont	Controls Valuation assumptions are discussed and agreed with the actuary and employers. Cessation valuations for orphan liabilities have a matched strategy. Cost Management process will assist. Have considered use of inflation and interest rate protection with Hymans Robertson – no action required at present. Increased scrutiny of valuation strategies and assumptions by Scheme Advisory Board (SAB).					nan it process est rate ed at	

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain				
	Mod	High	Critical	Critical
Probable		-		
	Min	Mod	High	Critical
Possible		XXXXX	J. J	
	Min	Min	Mod	High
Improbable				_

Net Risk	Moderate	Strategy	Treat
Action Required	Monitor position and keep	employers	advised.

No.	xxxx	Ref.	F3	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk	 Member data and record keeping is of poor quality due to inadequate data flows from an employer or inadequate data cleansing which leads to the Actuary adopting a more prudent approach in response to this. 						e data
Impa	act	Failure to comply with the Public Service pensions (Record Keeping and Miscellaneous Amendment) Regulations 2014 and Pensions Regulator's guidance. Incorrect benefits could be paid causing reputational damage and fines for maladministration. In extreme cases, poor data could affect Fund valuations as the funding strategy could be inappropriate and the declared funding level incorrect. Failure to meet regulatory deadline for					
Cont	trols	submission of data to GAD.IsThe Pensions Office works with employers to obtain accurate and timely data. A Pensions Administration Strategy is in place. Comprehensive data cleansing and data checks are carried out by the Pensions Office and the Actuary. For 2019 valuation the Actuary has undertaken pre valuation data check. TPR data cleansing strategy fist implemented from 2014 for Common Data and Scheme Specific Data in 2018. Scores were 100% for common data and 90% for conditional data. Date recovery plan in place.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain				
	Mod	High	Critical	Critical
Probable				
	Min	Mod	High	Critical
Possible				
	Min	Min	Mod	High
Improbable	xxxxx			_

Net Risk	Minor	Strategy	Treat
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Action	Engaging with employers and informing Committee and Board.
Required	Fully implement the data improvement plan. The Fund will also
	need to review its approach to the data scoring next year once the Scheme Advisory Board provides further guidance.

No.	xxxx	Ref.	F5	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk					eficit when an emp	oloyer leave	es with
		inade	quate prov	vision for	the deficit.		
Impa	ict	Finan	cial loss to	the Fun	d that has to be m	ade up by a	a guarantor
		/ insu	rer. In the	absence	of a guarantor, th	e funding o	ap would
		be me	et by the re	emaining	employers in the	Fund.	
Cont	be met by the remaining employers in the Fund.Use a valuation strategy that reduces deficits as quickly as is reasonable. Seek additional contributions when an employer is known to be leaving the Fund. Obtain guarantees and bonds where possible. Deloitte audit in 2015/16 gave Substantial assurance. The regulations require the payment of a deficiency for all exiting employers. Colleges and Universities have been moved to an intermediate discount rate from the 2019 valuation.						mployer is d bonds antial deficiency ave been

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat / Transfer
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Action Required	Monitor position on MHCLG consultation on flexibilities on exit arrangements and the status of colleges and universities. A report to be taken back to Committee once the outcome of this is known.
	Consider the position on more matched investment strategies over and above that for cessation valuations.

No.	xxxx	Ref.	F8	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk		Employees do not join or remain in the Fund, either for financial reasons or because their employer does not promote the scheme or structures employees away from the Scheme (scheduled and admitted bodies) or prevents membership (admitted bodies only). Fewer new starters re use of short term contracts by employers allied to the two year vesting period in the new scheme.					
Impa	act	Decreased cash flow into the Fund. Fund matures quicker than it would otherwise. Potential for increase in employers' contributions.					
Cont	trols	Take action against employers who fail to comply with regulations on enrolment. Where possible, promote benefits of scheme membership, whilst recognising that this is sometimes not favoured by employers.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High xxxxx	Critical	Critical
Possible	Min	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	High	Strategy	Tolerate
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Action	Limited ability to manage this area. Continue to apply current
Required	approach. Consider membership campaign if agreed to by
	employers.
	Monitor position on impact of new pension freedoms.
	Monitor the position on consultation on Fair deal and on colleges
	and universities.

No.	xxxx	Ref.	L1	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk		Failur	e to apply	the Regu	Ilations correctly in	n relation to	benefits.
Impa	nct	Breach of Regulations. Benefits not paid correctly to members. Risk of adverse publicity. Censure by tPR, IDRP and Pensions Ombudsman Risk of financial penalties					
Ombudsman. Risk of financial penalties.ControlsResources are applied to interpretation of Regulations. Check are made on the software from the design stage. High degree check built into the system and processes. Staff training. Crost reference opinions on regulations to other funds, the Actuary a MHCLG. Legal Services are involved in the interpretation of the Regulations.				h degree of ing. Cross Actuary and			

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod	High	Critical
Improbable	Min xxxxx	Min	Mod	High

Net Risk	Minor	Strategy	Treat
Action Required	Apply existing controls.		

No.	xxxx	Ref.	L4	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk		The Fund fails to comply with General Data Protection Regulations, or has a data protection breach.					ו
Impa	act	Enfor	cement ac	ction, serv	vice disruption, cos	sts, adverse	e publicity.
Controls Corporate procedures are followed. In addition pensions served specific controls are applied. Advice is taken from Legal Services as required. Pension Fund works under the general control environment of the Council. Staff reminded of requirements. GDPR Action plan produced and all key action completed by GDPR implementation date. Internal Audit of GDPR and Data Security undertaken in 2018/19 which provide substantial assurance. STC has implemented an e-learning approach to GDPR. A log of all data protection breaches is maintained, which includes action taken to improve.				gal general y actions udit of h provided arning			

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain				
	Mod	High	Critical	Critical
Probable	XXXXX	-		
	Min	Mod	High	Critical
Possible			_	
	Min	Min	Mod	High
Improbable				

Net Risk	Moderate	Strategy	Treat

Action Required	Monitor the position on breaches. Report to Senior Management team.
	Review LGA data retention guidance.

No.	xxxx	Ref.	L5	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk		The F memb	•	des inapp	propriate or incorre	ect guidance	e to a
Impa	ict	Inferior service to member. Risk of public censure and financial penalties imposed by regulators. Risk of requirement to pay restitution.					
Cont	rols						Staff are

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat
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Action	Continue to apply controls.
Required	

No.	xxxx	Ref.	L6	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk		Failure to manage member related tax correctly.					
Impa	act	Penalties and interest payments to the fund and members. Members' tax positions may be compromised.					bers.
Controls Periodic audits are carried out on management of tax by partner. Latest audit in 2016/17 which provided Substant Assurance. Increased awareness by staff. Information in ABS and other member communication. A further aud Tax allowances was undertaken in 2017/18 and a full ass was provided. Correspondence is set to members with A Allowance issue and/or those approach their lifetime allow		tantial on included audit on assurance ch Annual					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat
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Action	Continue to apply controls.
Required	Considering correspondence with members nearing limit on
•	Lifetime allowances.
	Review of the Annual Allowance process to be undertaken
	· · · · · · · · · · · · · · · · · · ·
	following the 2019 exercise. An action plan will be developed on
	the back of this.

No.	xxxx	Ref.	L7	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk		The Fund fails to identify an issue with the health and wellbeing and financial safety of members.					wellbeing
Impa	act	A potential or actual safeguarding issue arises and the appropriate action is not taken. Potential negative publicity.					
ControlsRevised protocol issued to staff in March 2015. Staff are required to report issues upwards to senior management, Team and to the appropriate safeguarding team in the Col and or the Police. Due diligence process on pensions transfers covers pensi scams. This took account of the changes and awareness campaign of the Pensions Regulator.			ent, Legal Council ension				

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min xxxxx	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Minor	Strategy	Treat			
Action Required	Continue to monitor position and promote awareness.					
	A review to take place of the protocol and training to be delivered.					

No.	xxxx	Ref.	L8	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk		A transfer value is incorrectly managed, resulting in a Pensions Liberation Fraud					
Impa	nct	Potential for fines by Regulator and Ombudsman, tax charges and adverse publicity.					charges
Cont	ControlsSystems reviewed to alert staff and members to position. TPR practices have been adopted. Strengthened disclaimer introduced. Legal and Senior Management review of cases. System in place re Freedom and Choice. Deloitte audit in 2015/16 gave Substantial assurance.						

Area	Legal
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Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod	High	Critical
Improbable	Min xxxx	Min	Mod	High

Net Risk	Minor	Strategy	Treat
Action Required	Continue to apply controls freedoms.	s. Monitor p	position on pension

Monitor the position on claims management companies.

No.	xxxx	Ref.	S1	Risk Owner	Principal Pensions Manager	Updated	As G1	
Risk Benefits and payments are accessed by individuals v entitled to receive them.				dividuals w	ho are not			
Impa	Impact		Financial loss.					
Controls		detail paid t The a	checks.	Selective s. Particip f Tell Us (ilt into system. Na eligibility checks, o bated in NFI progra Once and the Scho ontrol.	e.g child's p amme.	pensions	

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain	XXXXX			
	Mod	High	Critical	Critical
Probable				
	Min	Mod	High	Critical
Possible				
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
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Action	Continue to apply controls.
Required	
	Undertake the 2018 NFI exercise which should be received in
	2019. This will require a review of outstanding items.

No.	xxxx	Ref.	S2	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk The pensions processing software system is not fu				is not fully	updated in		
		a time	ely manne	r.			
Impact Unable to carry out aspects of pensions administration in line with regulations without manual intervention. Ad working costs. Service to employers and members is compromised.				dditional			
ControlsDevelopment of CARE largely complete. the performance of Civica through the use Forms, participation in the user group and meetings. Take a risk based approach to implement the system.				of Change client mana	Request ager		

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
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Action Required	Continue to update and implement development plans. Meetings in hand with Civica and other users. Civica has attended Pensions Committee and has been required to attend further meetings.
	Monitor the position on cost cap calculations and McCloud

No.	xxxx	Ref.	S3	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk	Risk Failure to develop and introduce improved working practices across pensions processing, particularly increased automation and electronic processing and communication.						tomation
Impact Increased costs of processing. Additional processing backlo arise. Statutory targets and local performance indicators are met. Inferior service to employers and members. Risk of pu censure and financial penalties imposed by regulators. Risk requirement to pay restitution.					ors are not k of public		
Controls Development plans are in place, but delayed due to high level workload. Monitor progress and report to Committee and Bo High level audit review undertaken 16/17 with the conclusion the fund has robust processes. No significant concerns identified. The option of submitting data in hard copy has be removed where appropriate electronic means are available. Increased resources in the technical team.				and Board. clusion that ns has been			

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
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Action	Use consultancy time as required.
Required	
	Monitor progress against service plans and continue to report to
	Committee.

No.	xxxx	Ref.	S6	Risk Owner	Head of Pensions	Updated	As G1		
Risk			Key people leave, and this places a strain on remaining resources to cover the role and responsibilities.						
Impact			Failure to deliver an adequate service. Increased stress and pressure of working.						
managers o		gers of su	ccession	iew. Continual rev planning. Trainin /ice planning in pla	g programn				

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High xxxxx	Critical	Critical
Possible	Min	Mod	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	High	Strategy	Treat
Action Required	Continue with training and programmes, as raised th A review of succession pla	rough SMT	and elsewhere.

No.	xxxx	Ref.	S7	Risk Owner	Principal Pensions Manager	Updated	As G1
Risk	 Performance against Disclosure Regulations fails to deliver a appropriate level. 					eliver at an	
Impact Breach of Regulations. Risk of adverse publicity. (TPR, IDRP and Pensions Ombudsman. Risk of fin penalties.							
Cont	rols	Increasing staffing resources. Liaison between Client Managers and employers. Reporting back to senior management at employer and to Committee and Board. Pensions Administratio Policy in place. Training is available. (Note a strict interpretatio is that 100% is required, but this will never be achieved).					nt at ministration terpretation

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain		XXXXX		
	Mod	High	Critical	Critical
Probable		_		
	Min	Mod	High	Critical
Possible			_	
	Min	Min	Mod	High
Improbable				-

Net Risk	High	Strategy	Treat
Action Required	apply controls. Review w Note that the reported pos cleared. Set internal performance requirements.	orking prac sition may c standards i	and fill posts. Continue to tices. leteriorate as the backlog is n addition to the disclosure nt plans into one overriding

No.	xxxx	Ref.	S9	Risk Owner	Head of Pensions	Updated	As G1
Risk		Insufficient resources create problems in service delivery.					
ImpactIssues with service delivery. Ongoing late receipt of F and GAD Factors and system updates on the back of to significant backlogs building up. Additional work re expected, which may impact more on staff time.				this has led			
Cont	trols	Monitoring structure and key person risk. Training in place. Work flexibly re staff allocation. Working overtime selectively. Temporary staff are being used.					

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
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Action	Monitor workload v. capacity and position re pooling.
Required	

No.	xxxx	Ref.	S10	Risk Owner	Head of Pensions	Updated	As G1
Risk		Failure to fully rectify the members GMP values following the GMP reconciliation process.					
Impact Potential for payment of pensions without an entitl overpay or underpay pensions increases. Addition the Fund.							
Cont	rols	Data received from HMRC. Software has been purchased to review this data. A report to Pensions Committee in February 2018 set out a proposed way forward and provided budget approval. The Fund has hit the deadlines set for October 2018.					

Area Service Delivery		
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Impact / Likelihood	Negligible	Marginal	Significant	Substantial
Near Certain	Mod	High	Critical	Critical
Probable	Mod	High	Critical	Critical
Possible	Min	Mod xxxxx	High	Critical
Improbable	Min	Min	Mod	High

Net Risk	Moderate	Strategy	Treat
Action Required	Need to undertake the full thereafter.	reconciliat	ion and rectification

No.	xxxx	Ref.	S12	Risk Owner	Head of Pensions	Updated	As G1
Risk		There is a risk of a Cyber Security attack corrupting systems and data and or stealing data. (See also L4 GDPR).					
Impa	nct				e and reputational controls are cons		
Cont	rols	be levied if inappropriate controls are considered to be in place. The Fund fits within the Councils main control environment. Business continuity plans are in place. The Council is Public Service Network compliant, with an annual test. The Pension Fund administration system has an independent penetration test. High level of staff awareness of malicious emails. Review of Business continuity plan completed, including staff workshops. Sit on Council's Cyber Security Working Group.					

Area S	Service Delivery
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Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain				
	Mod	High	Critical	Critical
Probable				
	Min	Mod	High	Critical
Possible				
	Min	Min	Mod	High
Improbable			XXXXX	_

Net Risk	Moderate	Strategy	Treat
Action Required	The Council is considering	g getting Cy	yber Essentials certification.

No.	xxxx	Ref.	S13	Risk Owner	Head of Pensions	Updated	As G1	
Risk		The Fund's electronic web services are not available to either individual members or employers.						
Impa	ict	Individual members cannot access services on line. This results in a reduced service to members and increases pressure on other modes of communication and information provision such as the helpline and by post. Employers cannot provide information to the Fund to process benefits and effectively maintain member records.						
Cont	rols	Reputational impact if the system is continually unavailable. System scans and regular penetration tests are in place to ensure web services is not vulnerable to attack. Testing is in place prior to new modules going live. Within ICT there is a scheduled restart the servers running web services each evening. Microsoft SCOM monitoring is used which monitors the availability of the servers and the website. Any errors are displayed on screen, with emails sent to the Platform Team. In addition Pensions Technical Team have a morning routine to check web services is available. Civica UPM service desk manages any issues with web services with downtime allocated highest priority.						

Area	Service Delivery

Impact / Likelihood	Negligible	Marginal	Significant	Substantial
	Mod	High	Critical	Critical
Near Certain				
	Mod	High	Critical	Critical
Probable		XXXXX		
	Min	Mod	High	Critical
Possible				
	Min	Min	Mod	High
Improbable				_

Net Risk	High	Strategy	Treat
Action Required	Continue to monitor. Meer review robustness of curro implemented to reduce ris system availability.	ent controls	. Actions identified will be

The following is a list of the background papers (excluding exempt papers) relied upon in the preparation of the above report:

Background Paper	File Ref:	File Location
Risk Register	n/a	Head of Pensions Office, South Shields Town Hall
Internal Audit Reports	n/a	Head of Pensions Office, South Shields Town Hall