`REPORT TO:PENSION SUB-COMMITTEE OF THE CITY GOVERNANCE COMMITTEE &
PENSION BOARD – 17 MARCH 2025

REPORT ON: TAYSIDE PENSION FUND RISK REGISTER

REPORT BY: EXECUTIVE DIRECTOR OF CORPORATE SERVICES

REPORT NO: 93-2025

1 PURPOSE OF REPORT

The Sub-Committee is asked to approve the Quarterly Risk Register for Tayside Pension Fund.

2 **RECOMMENDATIONS**

The Sub-Committee is asked to approve the Quarterly Risk Register for Tayside Pension Fund. The changes from previous quarter are highlighted as follows:

Item 3 - Funding Liquidity.

The risk that funds will be insufficient to meet liabilities as they fall due is considered to have reduced reflecting the significant level of cash currently available through the Fund's segregated mandates and property portfolio in relation the to the value of benefits that require to be paid out to members each month. The likelihood has reduced from low (2) to very low (1) resulting in revised overall risk scoring of 4 (previously 8).

Item 7 - Funding Investment.

The risk that employer contributions will rise significantly due to poor/negative investment returns is considered to have reduced reflecting the recent performance on Fund's investments. Since the previous actuarial valuation was undertaken as at March 2023 quarterly results have shown positively trends although this will continue to be monitored closely ahead of the next actuarial valuation at March 2026. The likelihood has reduced from medium (3) to low (2) resulting in a revised overall risk scoring of 10 (previously 15).

3 FINANCIAL IMPLICATIONS

There are no financial implications other than those highlighted in the risk register.

4 INTRODUCTION

The Local Government Pension Scheme Management and Investment of Funds (Scotland) Regulations 2010 requires funds to state the extent to which they comply with guidance given by the Scottish Ministers.

The Scottish Ministers guidance refers to the six revised principles on investment decision making contained within CIPFA publication "Investment Decision Making and Disclosure in the Local Government Pension Scheme: A Guide to the Application of the Myners Principles" (December 2009).

Principle 3: Risk and Liabilities (paragraph 98) states that "The annual report of a pension fund should include an overall risk assessment in relation to each of the fund's activities and factors expected to have an impact on the financial and reputational health of each fund. This could be done by summarising the contents of a regularly updated risk register. An analysis of the risks should be reported periodically to the committee, together with necessary actions to mitigate risk and assessment of residual risk".

The initial Tayside Superannuation Funds Risk Register (Article III of the Minute of Meeting of the Superannuation Sub-Committee of the Policy and Resources Committee of 21 February 2011, Report No 114-2011 refers) requires conformity with the Statements of Investment Principles for the Tayside Pension Fund.

In 2021, an internal audit review of Risk Management and Regulatory Compliance was completed, and the findings were reported to the Pension Sub-Committee & Board (Article IX of the Minute of Meeting of the Pension Sub-Committee of the Policy and Resources Committee & Pension Board of 21 March 2022, Report No 87-2022 refers). The review suggested the following changes be made to the risk register:

- Update of current risk descriptions to use cause, event and consequence format
- Addition of risks not specified within current risk register
- Implementation of a revised risk scoring matrix specific to Tayside Pension Fund

All risks and controls have been reviewed and rescored accordingly.

5 **POLICY IMPLICATIONS**

This report has been subject to the Pre-IIA Screening Tool and does not make any recommendations for change to strategy, policy, procedures, services or funding and so has not been subject to an Integrated Impact Assessment. An appropriate senior manager has reviewed and agreed with this assessment.

6 CONSULTATIONS

The Chief Executive and Head of Democratic and Legal Services have been consulted in the preparation of this report.

7 BACKGROUND PAPERS

None.

ROBERT EMMOTT EXECUTIVE DIRECTOR OF CORPORATE SERVICES

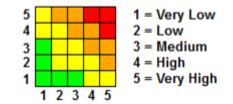
21 MARCH 2025



Quarterly Risk Report Report Type: Tayside Pensions Fund Risks Report

Report Author: Executive Director of Corporate Services **Generated on:** 6 March 2025

Pentana Risk Matrix



Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
Pension Administration (Risk appetite - minimalist) 1.Failure to process pension payments and lump sums on time	 Non-availability of pension / payroll systems Resource unavailable New staff undertaking duties Increased workload Failure to gain relevant information from employers to enable processing 	 Processing delays Processing errors Retiring members will be paid late Reputational risk for the Fund Breach of statutory requirements 	 Financial implications for members. Loss of stakeholder confidence. Financial cost to the fund if interest has to be paid to members. Regulatory action 	Inherent Impact	 Regular update & maintenance of Altair & Resourcelink Standardised processes & independent review of calculations Sufficient staff cover arrangements Task prioritisation Contingent measures to prevent financial detriment 	Trethod	No change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
Funding - Employer related (Risk appetite - cautious) 2.Failure to collect and account for contributions from employers and employees on time	 Non-availability of financial system (Fund and employer) Resource unavailable New staff undertaking duties Failure to communicate with employers effectively Failure of employer to provide required information Failure of employer to make financial settlement 	 Adverse audit opinion Breach of statutory requirements Knock on effect on reporting requirements Financial impact as insufficient cashflow to meet monthly pension payments without unplanned sale of assets 	 Requirement for report of regulatory breach & subsequent action if required Potential delays to employers' FRS17 year-end accounting reports Loss of stakeholder confidence Recovery / legal action required Opportunity cost of lost investment income 	pooling in the rent Impact	 Robust maintenance and update of Resourcelink and Authority Financials systems Sufficient staff cover arrangements Staff training and checking of work. Ongoing employer communication to ensure they understand responsibilities to pay by the 19th of the month. Contribution tracker system Introduction of employer contribution payment flexibility within financial year (subject to agreement) 	pout a la l	No change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
Funding - Liquidity (Risk appetite - averse) 3.Insufficient funds to meet liabilities as they fall due	 Contribution levels are inadequate Contributions Investment strategy fails to deliver adequate returns Significant changes in member profile (i.e. rapid maturing of fund liabilities) Significant increases in actuarial assumptions (i.e. longevity. 	 Rise in employer contribution rate required Unplanned asset sales required to meet Revision of Funding and Investment strategies required 	 Inability to meet overall strategic objectives Immediate cash injections would be required from employers by means of contributions Reduced funding levels Lost investment income from unplanned asset sales Transaction costs associated with changing strategies 	Inherent Impact	 Funding Strategy Statement Investment Strategy Ongoing advice from investment consultants, etc. Suitable policies & strategies in place to prevent Regular monitoring of asset / liability valuations Triennial actuarial valuations 	poolie and a second sec	Reduced Likelihood
Operational (Risk appetite - minimalist) 4.Inability to maintain service due to loss of main office, computer system or staff	 Fire, bomb, flood, etc. Staff unable to access office (i.e. public health restrictions) IT system / network outage 	 Temporary loss of service provision. Delayed payments & processing Retiring staff will be paid late Reputational risk for the Fund Breach of statutory requirements 	 implications for members. Loss of stakeholder confidence. Financial cost to 	Inherent Impact	 DCC business continuity plan (top priority) Contractual agreement with system provider Daily back up and contingent procedures Back-up server located in different building 100% staff remote working capabilities 	Treeling of the second	bout and the second sec

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
Operational (Risk appetite - minimalist) 5.Loss of funds through fraud or misappropriation	 Fraud or misappropriatio n of funds by staff/employer/ 3rd party service provider 	 Financial loss to the fund Reputational risk for the Fund Adverse audit opinion Breach of statutory requirements Enforcement action 	 Requirement for report to regulator & subsequent action if required Criminal investigation Loss of stakeholder confidence Recovery / legal action required 	Inherent Impact	 Internal and external audit regularly test that appropriate controls are in place and working effectively. Regulatory control reports from investment managers, custodian, etc are also reviewed by audit. Due diligence carried out when a new manager is appointed. Reliance also placed on Financial Conduct Authority registration & requirements. 	Impact	no Change
Funding - Employer related (Risk appetite - cautious) 6.Employers unable to participate in scheme	Employer liabilities increase disproportionat ely as a result of changed member profiling	 Employers unable to maintain contributions Employers exit from fund Employer cannot meet 	 Inability to meet overall strategic objectives Financial loss to fund, triggering asset sales to meet pension payments 	poolula and a second se	Full Actuarial Valuation undertaken every 3 years (employers advised of liability)	Poolulia Impact	Impact No Change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
	 Employer liabilities increase disproportionat ely as a result of external factors (i.e. change in bond yields) Reduced asset values in relation to liabilities due to external factors 	liabilities on exit	 Fund profile changed as a result of employer exit Insolvency of employer Recovery of liabilities in liquidation 		 Funding Strategy enables exit at minimum risk. Independent covenant and financial settlement assessment on affordability Employer contribution payment flexibility within financial year (subject to agreement) Employer / fund communications and relationship management 		
Funding - Investment (Risk appetite - open) 7.Significant rises in employer contributions due to poor/negative investment returns	 Poor economic conditions Inappropriate investment strategy Poor selection / performance of investment managers 	 Financial impact as a result of poor/negative investment returns Revision of investment strategy required Dismissal of investment managers 	 Inability to meet overall strategic objectives Reduced funding level Increased contributions required Transaction costs on change of strategy or investment manager 	Inherent Impact	 Performance & funding levels monitored on an ongoing quarterly basis Investment & Funding strategies reviewed and assessed independently Diversified range of investment managers over 	Impact	Reduced Likelihood

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
					different asset classes • 10% asset shock reserve		
Operational (Risk appetite - minimalist) 8.Failure of global custodian	 Financial collapse of global custodian or failure to safeguard assets or records 	 Financial loss to the fund. Loss of information required for statutory and accounting purpose 	 Inability to meet overall strategic objectives Severe service disruption as a result of recovery action Statutory breaches 	Inherent Impact	 Legal agreement with custodian. Credit rating monitored on an ongoing basis. Regulated by Financial Conduct Authority. Assets not on custodian balance sheet. 	Pool	Pooulog Impact No Change
Funding - Investment (Risk appetite - open) 9.Failure of Investment Manager	 Substantial decline of global financial market Economic factors impacting on asset class Under performance of investment manager 	 Financial loss to the fund Reduced asset returns Investment outflows from investment manager portfolio Termination of mandate with investment manager 	 Inability to meet overall strategic objectives Reduced funding level Increased employer contribution levels Required appointment of alternative investment manager Transaction costs associated with change 	Poular Inherent Impact	 Performance monitored on an ongoing quarterly basis. Diversified range of asset classes. Advice provided by Investment Consultant. 	Impact	Impact No Change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
Funding - Investment (Risk appetite - open) 10.Equity Risk	Market sector falls substantially as a result of global economic factors	• Financial loss to the fund	 Inability to meet overall strategic objectives Reduced funding level Increased employer contribution levels 	Inherent Impact	 Performance monitored on an ongoing quarterly basis. Investment strategy with diversified range of asset classes and long-term investment objectives. Advice provided by Investment Consultant. Fund officers remain in close communications with investment managers 10% volatility reserve 	poouflaw) Impact	bould be a construction of the second
Governance (Risk appetite - minimalist) 11.Failure to comply with changes to LGPS regulations and other new regulations / legislation Specifically: • GMP • McCloud • Pensions Dashboard	 Significant changes to scheme & regulations which staff are unfamiliar with Failure in readiness for changes Lack of technical expertise / training 	 Incorrect calculations Delays in processing Statutory breaches Reputational risk 	 Financial implications for members. Loss of stakeholder confidence. Financial cost to the fund if interest has to be paid to members. Regulatory action 	Inherent Impact	 Verification process in place within Pensions section Staff training Audited key processes reviewed prior to significant changes Recruitment exercises as required 	pour pour pour pour pour pour pour pour	no change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
Governance	 Inadequate procedures / process Lack of resources Error in interpreting requirements IT systems not updated to reflect changed requirements Failure to 	Breach of	Regulatory action		 Robust system maintenance & upgrade Specialist advice used as required to ensure correct interpretation Performance monitoring Project management for implementation of key changes / exercises Staff training 		
 (Risk appetite - minimalist) 12.Failure to comply with governance best practice Specifically: TPR New Draft Code of Practice TPR Good Governance project outcomes 	 Pailure to implement requirements Inadequate processes / procedures Inadequate training as to changed requirements 	 Breach of statutory requirements Sub-standard service to members and employers Reputational risk for the Fund 	 Loss of stakeholder confidence 	po of the second	 Audited key processes reviewed prior to significant changes Specialist review and advice 	Pool Pool Pool Pool Pool Pool Pool Pool	no Change
Pension Administration (Risk appetite - minimalist) 13.Failure to provide quality service to members	 Inadequate administration & communication policies Lack of resources 	 Reputational risk for the Fund Processing delays & errors Late payments 	 Financial implications to members Loss of stakeholder confidence 	Populary I I I I I I I I I I I I I I I I I I I	 Key policies reviewed and updated annually or sooner if required Recruitment exercises as required in 	Impact	booling mage No Change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
	 Lack of staff skills / knowledge Lack of training Ineffective processes & procedures Poor communication documentation Unanticipated workloads 	 Sub-optimal decision making Reputational risk for the Fund 			 keeping with statutory requirements Ongoing staff training and support Key processes audited and reviewed annually Communication / documentation reviewed regularly and updated Weekly work allocation to prioritise and avoid bottlenecks 		
Operational (Risk appetite - minimalist) 14.Failure to hold personal data securely	 Insufficient system abilities re security of data Sub-standard retention processes & procedures Inadequate data retention policy, backup and recovery procedures Change of retention requirements 	 Data lost or compromised Incorrect member records Processing delays & errors Retiring staff will be paid late Reputational risk for the Fund Breach of statutory 	 Financial impact to members Loss of stakeholder confidence. Financial cost to the fund if interest has to be paid to members. Regulatory action 	Inherent Impact	 Data security system settings & controls Data retention policy & processes / back up & recovery procedures 	poquant Impact	numpact No Change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
		requirements					
Operational (Risk appetite - minimalist) 15.Cybercrime	 Inadequate system abilities re security of data Inadequate controls and security protocol 	 Data lost or compromised Incorrect member records Processing delays & errors Retiring staff will be paid late Reputational risk for the Fund Breach of statutory requirements 	 Financial impact to members Loss of stakeholder confidence. Financial cost to the fund if interest has to be paid to members. Regulatory action 	Inherent Impact	 Data security system settings & controls Data back-up & recovery procedures 	Impact	no Change
Pension Administration (Risk appetite - minimalist) 16.Failure to keep pension records up-to-date and accurate	 Non-availability of pension / payroll systems Resource unavailable New staff undertaking duties Increased workload Failure to gain relevant information 	 Processing delays Processing errors Retiring members will be paid late Reputational risk for the Fund Breach of statutory requirements 	 Financial implications for members Loss of stakeholder confidence Financial cost to the fund if interest has to be paid to members Regulatory action 	po po po po po po po po po po	 System contingency / recovery prioritised Service prioritisation / allocation Staff training Scheduled communications / updates from employers 	Port Port	Mo Change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
	from employers to enable processing						
Governance (Risk appetite - minimalist) 17.Lack of expertise on Pension Committee, Pension Board or amongst officers	 Lack of training & continuous professional development Loss of key individuals 	 Detrimental decision making Reputational risk for the Fund Breach of statutory requirements Failure to meet objectives 	 Financial loss Inability to meet overall strategic objectives Increase in employer contribution requirements Regulatory action Loss of stakeholder confidence 	poolieving	 Key policies and governance arrangements independently audited and reviewed Key officer meets Markets in Financial Instruments Directive (MIFIID) professional investor requirements Training & support External specialist advice 	Impact	npaet No Change
Governance (Risk appetite - minimalist) 18.Over reliance on key officers	 Loss of key individuals Inability to recruit individuals with specialist skills & experience Inadequate governance arrangements Lack of specialist 	 Detrimental decision making Reputational risk for the Fund Breach of statutory requirements Failure to meet objectives 	 Financial loss Inability to meet overall strategic objectives Increase in employer contribution requirements Regulatory action Loss of stakeholder confidence 	poolisel	 Key policies and governance arrangements independently audited and reviewed Knowledge & experience of staff External specialist advice 	The first state of the first sta	Boundary Contract of the second secon

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
	advisors to support				Peer support from other LGPS		
Governance (Risk appetite - minimalist) 19. Failure to communicate adequately with stakeholders	 Inadequate communication policy Inadequate processes & protocols with employers and scheme members 	 Scheme members not aware of their rights Employers not aware of regulations, procedures, etc. Reputational risk Breach of statutory requirements 	 Sub-optimal decision making resulting to financial detriment of members Errors in members calculations Loss of stakeholder confidence Regulatory action 	poortiant Inherent Impact	 Communications policy Standard documentation & communications Website information Standard key processes & protocols Employer communications (e mails / info sessions / documentation / guidance Adequately trained staff 	Impact	no Change
Funding - Employer related (Risk appetite - cautious) 20.Employer Covenant Risk	 Change in employer actuarial profile which has resulted in significant increase in liability Unsuitable guarantee / financial health of employer 	Employers unable to financially provide for exit liability	 Inability to meet overall strategic objectives Financial impact on overall funding level Remaining employers required to accommodate the shortfall via increased contribution 	poolities in the rent Impact	 Government or local authority guarantees, bonds or securities over assets Independent covenant review and financial assessments to identify Funding strategy to enable exit at minimal risk to 	Pool I I I I I I I I I I I I I I I I I I	No Change

Risk Type & Title	Causes	Impact	Consequence	Inherent Risk	Controls	Residual Risk (Previous Quarter)	Residual Risk (Current)
					remaining employers • Affordable payment schedule independently assessed		
Governance (Risk appetite - minimalist) 21.Risks in relation to use of 3 rd party service providers	 Inadequate policy Poor due diligence and selection processes Poor contract management 	 Poor decision making Failure of supplier adhering to contractual agreement Reputational risk 	 Financial detriment to the fund Loss of stakeholder confidence 	poolines	 Procurement policy Contracts database Documented contract management protocol Use of national frameworks 	Impact	Impact No change
Funding - ESG (Risk appetite - cautious) 22.Failure to implement ESG Policy (specifically in relation to Climate Change and incoming requirements of TCFD)	 Inadequate policy & practices Failing to understand incoming requirements Failing to plan and implement changes required Lack of knowledge & skills 	 Poor decision making Non-compliant actions being taken Statutory breach Reputational risk 	 Failing to meet strategic objectives Regulatory action Loss of stakeholder confidence 	poquia inherent Impact	 Regularly reviewed policies, processes and reporting Project plans to meet changing requirements Specialist advice as required Training 	Impact	npact No Change