Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>(Threat to achievement of business<br>objective)   |                  | ssume NO controls in place) |                | Risk Control Measures   | Assigned To         | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |                 |                |  |
|--|------------------|-----------------------------|----------------|---|---------------------|---------------------------|---|-----------------|----------------|--|
|  | Impact           | Probability                 | Risk<br>Rating |   |                     |                           | Impact  | Probability     | Risk<br>Rating |  |
| RE390001 - Failure to comply with LGPS regulations as well as other overriding regulations       | Substantial<br>4 | Unlikely<br>2               | Medium<br>8    | Altair Development Officer<br>undertakes Altair system checks<br>to ensure compliance with LGPS<br>regulations  | Pensions<br>Manager |                           | Substantial<br>4  | Improbable<br>1 | Low<br>4       |  |
|  |                  |                             |                | Network Groups (Altair & LGPC)  | Pensions<br>Manager |                           |   |                 |                |  |
|  |                  |                             |                | Communication & Training     Officer     Communication & Training Officer     responsible for the maintenance of     Online Procedure manuals, and     the provision of training to all     section staff and employing bodies     via site visits. | Pensions<br>Manager |                           |   |                 |                |  |
|  |                  |                             |                | Continue to act as an "Early<br>Adopter" in conjunction with the<br>system provider to ensure<br>system meets regulatory<br>requirements  | Pensions<br>Manager |                           |   |                 |                |  |
| RE390002 - Failure to respond to major change to the LGPS following Public Sector Pension Review | Substantial 4    | Possible<br>3               | High<br>12     | Participation in all high level     Government discussions and     consultations  | Pensions<br>Manager |                           | Substantial 4   | Improbable<br>1 | Low<br>4       |  |

Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>(Threat to achievement of business<br>objective)  |                  | of Uncontrolled F |                | Risk Control Measures  | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |                 |                |  |
|---|------------------|-------------------|----------------|--|--|---------------------------|---|-----------------|----------------|--|
|   | Impact           | Probability       | Risk<br>Rating |  |  |                           | Impact  | Probability     | Risk<br>Rating |  |
|   |                  |                   |                | Ensure best practice is<br>implemented and DPF is seen as<br>a centre of excellence for<br>pension administration                    | Pensions<br>Manager  |                           |   |                 |                |  |
|   |                  |                   |                | Continue to be recognised<br>nationally by peers as one of the<br>leaders in pension<br>administration and facilitate site<br>visits | Pensions<br>Manager  |                           |   |                 |                |  |
|   |                  |                   |                | Society of Welsh Treasurers<br>review the suitability of existing<br>pension fund arrangements                                       | Pensions Manager and Treasury & Pensions Investments Manager |                           |   |                 |                |  |
|   |                  |                   |                | CIPFA Pensions Network<br>membership   | Treasury &<br>Pensions<br>Investments<br>Manager             |                           |   |                 |                |  |
| RE390003 - Failure to process accurate pension benefits payments, including lump sum payments, in a timely manner | Significant<br>3 | Unlikely<br>2     | Medium<br>6    | Ensure segregation of duties<br>within procedures  | Pensions<br>Manager  |                           | Significant<br>3  | Improbable<br>1 | Very Low<br>3  |  |

Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>(Threat to achievement of business<br>objective) |        | Assessment of Uncontrolled Risk<br>(Assume NO controls in place) |                | Risk Control Measures Assi  | Assigned To         | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |             |                |  |
|--|--------|--|----------------|---|---------------------|---------------------------|---|-------------|----------------|--|
|  | Impact | Probability  | Risk<br>Rating |   |                     |                           | Impact  | Probability | Risk<br>Rating |  |
|  |        |  |                | Altair Development Officer is<br>responsible for regular system<br>checks regarding calculations  | Pensions<br>Manager |                           |   |             |                |  |
|  |        |  |                | Communication&Training     Officer liaises closely with all     employing authorities to ensure     timely submission of     information to DPF | Pensions<br>Manager |                           |   |             |                |  |
|  |        |  |                | Payroll deadline procedures in place  | Pensions<br>Manager |                           |   |             |                |  |
|  |        |  |                | Item in Business     Continuity/Disaster Recovery Plan  | Pensions<br>Manager |                           |   |             |                |  |
|  |        |  |                | Participate in National Fraud Initiative (NFI)  | Pensions<br>Manager |                           |   |             |                |  |
|  |        |  |                | Life Certificates exercise carried<br>out for all cheque payments   | Pensions<br>Manager |                           |   |             |                |  |
|  |        |  |                | Undertake reviews of monthly<br>performance to ensure service<br>standards are maintained   | Pensions<br>Manager |                           |   |             |                |  |
|  |        |  |                | IT Contingency/Resilience Plan<br>in place  | Pensions<br>Manager |                           |   |             |                |  |

Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>Threat to achievement of business<br>objective)   | Assessment of Uncontrolled Risk (Assume NO controls in place) |               |                | Risk Control Measures   | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |              |                |  |
|---|---|---------------|----------------|---|--|---------------------------|---|--------------|----------------|--|
|   | Impact  | Probability   | Risk<br>Rating |   |  |                           | Impact  | Probability  | Risk<br>Rating |  |
| RE390004 - Failure to collect and account for full receipt of contributions from employers and employees on time Failure to collect full receipt of pension contributions from employees and employers in line with Regulation guidelines.  Failure of employers' financial systems; absence of key staff; failure to communicate with employers effectively; failure of key systems such as on-line banking and/or financial ledger.  Possible adverse audit opinion; negative cash flow position; delays in producing IAS19 accounting reports; delays in closure of year end accounts; employers forced to leave the scheme. | Substantial 4   | Possible<br>3 | High<br>12     | Contributions monitoring procedures      Formal timescales for receipt of contributions      Monthly monitoring and follow up      Escalation of non receipt of contributions | Pensions Manager and Treasury & Pensions Investments Manager  Pensions Manager and Treasury & Pensions Investments Manager  Pensions Manager and Treasury & Pensions Manager and Treasury & Pensions Investments Manager  Pensions Investments Manager and Treasury & Pensions Investments Manager and Treasury & Pensions Investments Manager |                           | Substantial 4   | Improbable 1 | Low<br>4       |  |

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| Risk<br>(Threat to achievement of business<br>objective)           | · · ·         | Risk Control Measures | Assigned To    | Target Date<br>(Priority)  | Assessment of Current Risk (Assume CURRENT controls in place)               |  |                  |                 |                |
|--|---------------|-----------------------|----------------|--|---|--|------------------|-----------------|----------------|
|  | Impact        | Probability           | Risk<br>Rating |  |   |  | Impact           | Probability     | Risk<br>Rating |
|  |               |                       |                | Systems Audit undertaken by<br>Internal Audit and External<br>Auditors   | Pensions<br>Manager and<br>Treasury &<br>Pensions<br>Investments<br>Manager |  |                  |                 |                |
| RE390005 - Failure to keep pension records up to date and accurate | Significant 3 | Possible<br>3         | Medium<br>9    | Senior Officers liaise closely<br>with employing authorities to<br>ensure timely and accurate<br>submission of data to DPF | Pensions<br>Manager   |  | Significant<br>3 | Improbable<br>1 | Very Low<br>3  |
|  |               |                       |                | Data accuracy checks<br>undertaken by the pension<br>section prior to continual<br>validation on workflow system           | Pensions<br>Manager   |  |                  |                 |                |
|  |               |                       |                | Data integrity validation is<br>performed monthly by Altair<br>Development Officer   | Pensions<br>Manager   |  |                  |                 |                |
|  |               |                       |                | Data validation checks also<br>undertaken by the DPF's<br>partners (e.g. the Actuary at<br>Valuation)                      | Pensions<br>Manager   |  |                  |                 |                |
|  |               |                       |                | Additional validation carried out<br>through NFI   | Pensions<br>Manager   |  |                  |                 |                |

Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>(Threat to achievement of business<br>objective)                                       | , , ,         |               | Risk Control Measures As | Assigned To   | Target Date<br>(Priority)  | Assessment of Current Risk (Assume CURRENT controls in place) |               |               |                |
|--|---------------|---------------|--------------------------|---|--|---|---------------|---------------|----------------|
|  | Impact        | Probability   | Risk<br>Rating           |   |  |   | Impact        | Probability   | Risk<br>Rating |
|  |               |               |                          | Opportunity to escalate<br>non-compliance   | Pensions<br>Manager  |   |               |               |                |
| RE390006 - Failure to hold personal data securely  | Substantial 4 | Unlikely<br>2 | Medium<br>8              | Business Continuity/Disaster Recovery Plan     Disaster Recovery Plan     Compliance with the Data Protection Act 1998     Compliance with the Authority's in-house IT policies     Systems and Payroll audit undertaken annually | Pensions Manager  Pensions Manager  Pensions Manager  Pensions Manager  Pensions Manager |   | Substantial 4 | Improbable 1  | Low<br>4       |
| RE390007 - Loss of funds through fraud or misappropriation in administration related functions | Substantial 4 | Unlikely<br>2 | Medium<br>8              | Internal and external audit checks performed to ensure that appropriate and effective controls are in place     Systems and Payroll audit undertaken annually   | Pensions<br>Manager<br>Pensions<br>Manager   |   | Substantial 4 | Unlikely<br>2 | Medium<br>8    |

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| Risk<br>(Threat to achievement of business<br>objective)  |               | f Uncontrolled R<br>controls in place |                | Risk Control Measures  | Assigned To   | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|---|---------------|---------------------------------------|----------------|--|---|---------------------------|---|---------------|----------------|--|
|   | Impact        | Probability                           | Risk<br>Rating |  |   |                           | Impact  | Probability   | Risk<br>Rating |  |
| RE390008 - Normal operations<br>disrupted by uncontrollable external<br>factors<br>Service delivery threats from fire, bomb,<br>extreme weather, electrical faults,<br>sickness epidemic,etc. | Substantial 4 | Possible<br>3                         | High<br>12     | Business Continuity/Disaster<br>Recovery Plan                            | Pensions<br>Manager and<br>Treasury &<br>Pensions<br>Investments<br>Manager |                           | Substantial 4   | Unlikely<br>2 | Medium<br>8    |  |
| Insufficient daily back up, disaster recovery, and IT cover to support systems.  Temporary loss of ability to provide service to stakeholders.  |               |                                       |                | Disaster Recovery Plan     Admin plan is with the software     provider  | Pensions Manager and Treasury & Pensions Investments Manager                |                           |   |               |                |  |
|   |               |                                       |                | Data stored on one of Council's<br>stand alone IT servers                | Pensions Manager and Treasury & Pensions Investments Manager                |                           |   |               |                |  |
| RE390009 - Inability to keep service going due to loss of main office, computer system, or staff  | Moderate<br>2 | Unlikely<br>2                         | Low<br>4       | Business ContinuityDisaster     Recovery Plan     Disaster Recovery Plan | Pensions<br>Manager<br>Pensions<br>Manager                                  |                           | Moderate 2  | Improbable 1  | Very Low<br>2  |  |
|   |               |                                       |                |  |   |                           |   |               |                |  |

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| Risk<br>(Threat to achievement of business<br>objective)  |                  | f Uncontrolled R<br>controls in place |                | Risk Control Measures   | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |                 |                |  |
|---|------------------|---------------------------------------|----------------|---|--|---------------------------|---|-----------------|----------------|--|
|   | Impact           | Probability                           | Risk<br>Rating |   |  |                           | Impact  | Probability     | Risk<br>Rating |  |
| RE390010 - Lack of expertise among some Pension Administration officers   | Significant<br>3 | Unlikely<br>2                         | Medium<br>6    | Personal development plan in place to support the development of each officer in the Section  Specific courses / seminars attended by officers to further their knowledge and understanding | Pensions<br>Manager<br>Pensions<br>Manager   |                           | Significant<br>3  | Improbable<br>1 | Very Low<br>3  |  |
| RE390011 - Over reliance on key Pensions Administration and Investment Officers Specialist nature of the work means there are relatively few experts in Investments and the Local Authority Pensions Regulations.  Significant knowledge gap left if experts leave. | Significant<br>3 | Possible<br>3                         | Medium<br>9    | Key officers convey specialist knowledge to colleagues on a function or topic basis by mentoring     Enhance training by bespoke sessions / courses / workshops                             | Pensions Manager and Treasury & Pensions Investments Manager  Pensions Manager and Treasury & Pensions Investments Manager |                           | Significant<br>3  | Unlikely<br>2   | Medium<br>6    |  |

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| Risk<br>(Threat to achievement of business<br>objective)  |               | of Uncontrolled For |                | Risk Control Measures   | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |                 |                |  |
|---|---------------|---------------------|----------------|---|--|---------------------------|---|-----------------|----------------|--|
|   | Impact        | Probability         | Risk<br>Rating |   |  |                           | Impact  | Probability     | Risk<br>Rating |  |
|   |               |                     |                | External consultants and independent adviser available for short term assistance  | Pensions<br>Manager and<br>Treasury &<br>Pensions<br>Investments<br>Manager  |                           |   |                 |                |  |
| RE390012 - Failure to appropriately attract, manage, develop, and retain staff at all levels  | Substantial 4 | Unlikely<br>2       | Medium<br>8    | Training and Development Plan     established   | Pensions<br>Manager  |                           | Substantial<br>4  | Improbable<br>1 | Low<br>4       |  |
| RE390013 - Failure to communicate properly with stakeholders Lack of clear communications.  Scheme members are not aware of their rights and entitlements, are distanced from the Fund, which could lead to a reduction in new members and an increase in leavers.  Communication with investment managers, custodian, independent adviser, fund employers, pensioners, scheme members, actuary and government organisations. | Significant 3 | Unlikely<br>2       | Medium<br>6    | Dedicated Communication & Training Officer post established Dedicated Communication & Training Officer will continue to fulfil all the communication requirements of the DPF, in accordance with the Communications Policy Statement     Comprehensive website is continually updated and developed | Pensions Manager and Treasury & Pensions Investments Manager  Pensions Manager and Treasury & Pensions Investments Manager and |                           | Significant<br>3  | Improbable 1    | Very Low<br>3  |  |

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| Risk<br>(Threat to achievement of business<br>objective)   |                  | of Uncontrolled R<br>controls in place) |                | Risk Control Measures  | Assigned To   | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|--|------------------|---|----------------|--|---|---------------------------|---|---------------|----------------|--|
|  | Impact           | Probability                             | Risk<br>Rating |  |   |                           | Impact  | Probability   | Risk<br>Rating |  |
|  |                  |   |                | My Pension Online is used to<br>enhance the service provided to<br>scheme members  | Pensions<br>Manager   |                           |   |               |                |  |
|  |                  |   |                | Quarterly meetings with<br>independent adviser and<br>investment managers  | Treasury & Pensions Investments Manager                                     |                           |   |               |                |  |
|  |                  |   |                | Communications Policy in place   | Pensions<br>Manager   |                           |   |               |                |  |
|  |                  |   |                | Annual Employer & Consultative     Meeting   | Pensions<br>Manager and<br>Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |               |                |  |
| RE390014 - No appropriate procedures for Employer bodies transferring out of the pension fund or Employer bodies closing to new membership | Significant<br>3 | Possible<br>3                           | Medium<br>9    | Inter valuation monitoring and rate reassessment if appropriate     Identification of any issue and resolution via regular site visits by Communication & Training Officer | Pensions<br>Manager<br>Pensions<br>Manager                                  |                           | Significant<br>3  | Unlikely<br>2 | Medium<br>6    |  |

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| Risk<br>(Threat to achievement of business<br>objective)   |               | of Uncontrolled R<br>controls in place) |                | Risk Control Measures   | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|--|---------------|---|----------------|---|--|---------------------------|---|---------------|----------------|--|
|  | Impact        | Probability                             | Risk<br>Rating |   |  |                           | Impact  | Probability   | Risk<br>Rating |  |
|  |               |   |                | Requirement for employing authorities to issue termination forms for each active member  Validation of membership numbers  Employer covenant checks | Pensions Manager  Pensions Manager  Pensions                 |                           |   |               |                |  |
| RE390016 - Liquidity/cashflow risk - insufficient funds to meet liabilities  | Substantial 4 | Possible 3                              | High<br>12     | Monthly cash and dividend reconcilations  | Manager  Treasury & Pensions                                 |                           | Substantial<br>4  | Unlikely<br>2 | Medium<br>8    |  |
| as they fall due Failure of employers to pay contributions on time; low dividend income; significant number of liabilities paid out at the same time.  Immediate cash contribution would be required via employers; delay in the |               |   |                | Quarterly monitoring of investment managers by Pension Panel  | Investments Manager  Treasury & Pensions Investments Manager |                           |   |               |                |  |
| payment of promised liabilities; negative publicity and an adverse audit report.   |               |   |                | Appointment of custodian  | Treasury &<br>Pensions<br>Investments<br>Manager             |                           |   |               |                |  |
|  |               |   |                |   |  |                           |   |               |                |  |

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| Risk<br>(Threat to achievement of business<br>objective)   | ( , ,            |               |                | Risk Control Measures A  | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |                 |                |  |
|--|------------------|---------------|----------------|--|--|---------------------------|---|-----------------|----------------|--|
|  | Impact           | Probability   | Risk<br>Rating |  |  |                           | Impact  | Probability     | Risk<br>Rating |  |
| RE390017 - Loss of funds through fraud or misappropriation in investment related functions Fraud or misappropriation of funds by an employer, investment managers or custodian.  Financial loss to the fund. | Substantial 4    | Possible<br>3 | High<br>12     | Internal and External Audit regularly test that appropriate controls are in place and working     Regulatory control reports from investment managers, custodian, etc., are also reviewed by audit.      Due diligence is carried out whenever a new manager is appointed.      Reliance also placed in Financial Conduct Authority registration.      Quarterly monitoring by Pension Panel and Independent Adviser | Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager |                           | Substantial 4   | Unlikely<br>2   | Medium<br>8    |  |
| RE390018 - Excessive levels of<br>Pension Fund Cash held within<br>Carmarthenshire County Council<br>investment balances   | Significant<br>3 | Unlikely<br>2 | Medium<br>6    |  |  |                           | Significant<br>3  | Improbable<br>1 | Very Low<br>3  |  |

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| Risk<br>(Threat to achievement of business<br>objective)   |                  | f Uncontrolled R<br>controls in place |                | Risk Control Measures  | Assigned To   | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|--|------------------|---------------------------------------|----------------|--|---|---------------------------|---|---------------|----------------|--|
|  | Impact           | Probability                           | Risk<br>Rating |  |   |                           | Impact  | Probability   | Risk<br>Rating |  |
| High dividend / interest receipts and low benefit payments being made in period.  Lower cash like return instead of equity or bond investment returns.   |                  |                                       |                | Monthly cash reconciliations and separate pension fund bank accounts     Quarterly monitoring by Pension Panel     Internal Audit and Wales Audit Office review  | Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager |                           |   |               |                |  |
| RE390019 - Significant rises in employer contributions due to increases in liabilities or fall in assets Scheme liabilities increase disproportionately as a result of increased longevity or falling bond yields. Poor economic conditions, incorrect investment strategy, poor selection of investment managers.  Poor / negative returns leading to potential increase in employer's costs. | Significant<br>3 | Likely<br>4                           | High<br>12     | Use expert actuary who makes assumptions and recommends appropriate recovery period and strategy  Quarterly monitoring of investment managers by Pension Panel  Diversified Strategic Asset Allocation | Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager |                           | Significant<br>3  | Possible<br>3 | Medium<br>9    |  |

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|---|---|---------------|----------------|--|--|---------------------------|---|-----------------|----------------|--|
|   | Impact  | Probability   | Risk<br>Rating |  |  |                           | Impact  | Probability     | Risk<br>Rating |  |
| RE390020 - Lack of expertise on<br>Pension Fund Panel and / or<br>amongst Officers<br>Lack of training, continuous professional<br>development and 4 year election cycle. | Significant<br>3  | Likely<br>4   | High<br>12     | Ensure Officers are trained and<br>up to date in key areas through<br>courses, seminars, reading,<br>discussions with consultants,<br>etc. | Treasury &<br>Pensions<br>Investments<br>Manager |                           | Significant<br>3  | Possible 3      | Medium<br>9    |  |
| Flawed recommendations given to<br>Pension Fund Panel which,<br>unchallenged, could lead to incorrect<br>decisions being made.  |   |               |                | Members given induction<br>training on joining Panel with<br>subsequent opportunities to<br>attend other specialist training.              | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |                 |                |  |
|   |   |               |                | Members' training plan and<br>Governance Policy established  | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |                 |                |  |
|   |   |               |                | Specialist assistance available<br>from consultants and<br>independent adviser   | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |                 |                |  |
| RE390023 - Failure of Investment Strategy to deliver investment objectives Inaccurate triennial valuation assumptions used. Incorrect recovery period used.               | Significant<br>3  | Possible<br>3 | Medium<br>9    | Expert Actuary makes     assumptions and recommends     appropriate recovery period and     strategy.                                      | Treasury &<br>Pensions<br>Investments<br>Manager |                           | Significant<br>3  | Improbable<br>1 | Very Low<br>3  |  |
| Funding level decreases; employer   |   |               |                |  |  |                           |   |                 |                |  |

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| Risk<br>(Threat to achievement of business<br>objective)   | Assessment of Uncontrolled Risk (Assume NO controls in place) |               |                | Risk Control Measures   | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|--|---|---------------|----------------|---|--|---------------------------|---|---------------|----------------|--|
|  | Impact  | Probability   | Risk<br>Rating |   |  |                           | Impact  | Probability   | Risk<br>Rating |  |
| contribution rates become unacceptable, causing potentail increase in employer's costs.  |   |               |                | Independent adviser employed<br>to assist the panel in making<br>informed decisions.  | Treasury &<br>Pensions<br>Investments<br>Manager                                 |                           |   |               |                |  |
| RE390024 - Prolonged failure of investment managers to achieve the returns specified on their mandates Under-performance by the investment managers; lack of monitoring and challenging by the Panel.  | Substantial 4   | Possible<br>3 | High<br>12     | Quarterly monitoring of<br>investment managers and<br>performance company reports<br>by investment team and Pension<br>Panel. | Treasury &<br>Pensions<br>Investments<br>Manager                                 |                           | Substantial 4   | Unlikely<br>2 | Medium<br>8    |  |
| RE390026 - Concentration risk - single asset class having disproportionate impact on investment objectives Risk of the performance of a single asset class having a disproportionate impact on the ability to meeting investment objectives. Inappropriate investment strategy following the triennial valuation, including lack of diversification. | Significant<br>3  | Possible<br>3 | Medium<br>9    | Establish & review diversified strategic asset allocation      Proactive in decision making                                   | Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager |                           | Significant<br>3  | Unlikely<br>2 | Medium<br>6    |  |
| Funding level decreases; employer contribution rates become unacceptable, causing potential increase in employers' costs.  |   |               |                |   |  |                           |   |               |                |  |

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| Risk<br>(Threat to achievement of business<br>objective)   | Assessment of Uncontrolled Risk (Assume NO controls in place) |               |                | Risk Control Measures  | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|--|---|---------------|----------------|--|--|---------------------------|---|---------------|----------------|--|
|  | Impact  | Probability   | Risk<br>Rating |  |  |                           | Impact  | Probability   | Risk<br>Rating |  |
| RE390027 - Counterparty risk - risk of other party in a transaction failing to meet its obligation to the fund This arises from deposits held with banks and other financial institutions, as well as credit exposures to the fund's members and employers.  Loss of capital; decrease in asset values; cost of legal proceedings; | Moderate<br>2   | Possible<br>3 | Medium<br>6    | Set appropriate parameters with<br>fund managers and custodian to<br>limit exposure to default risk                        | Treasury &<br>Pensions<br>Investments<br>Manager                                 |                           | Moderate<br>2   | Unlikely<br>2 | Low<br>4       |  |
| RE390028 - Interest rate risk Arises from risk of exposure to significant interest rate movements on investments.  Bond yields and cash decrease in value.   | Moderate 2  | Unlikely<br>2 | Low<br>4       | Establish & review diversified strategic asset allocation  | Treasury &<br>Pensions<br>Investments<br>Manager                                 |                           | Moderate 2  | Improbable 1  | Very Low<br>2  |  |
| RE390029 - Discount rate risk Use of inappropriate discount rate to estimate future liabilities.  Funding level decreases; employer contribution rates become unacceptable, causing potential increase in employers' costs.  | Significant<br>3  | Possible<br>3 | Medium<br>9    | Engage expert actuary to make assumptions      Engage independent adviser to assist the panel in making informed decisions | Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager |                           | Significant<br>3  | Unlikely<br>2 | Medium<br>6    |  |

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| Risk<br>(Threat to achievement of business<br>objective)  |               | f Uncontrolled R<br>controls in place) |                | Risk Control Measures  | Assigned To  | Target Date<br>(Priority) | ,                |                 |                |
|---|---------------|--|----------------|--|--|---------------------------|------------------|-----------------|----------------|
|   | Impact        | Probability                            | Risk<br>Rating |  |  |                           | Impact           | Probability     | Risk<br>Rating |
| RE390030 - Price risk The equity investments held exposes the fund to risk in relation to the market price of its investments.  Funding level decreases; employer contribution rates become unacceptable, causing a potential increase in employers' costs.   | Substantial 4 | Possible<br>3                          | High<br>12     | Establish & review a diversified strategic asset allocation.      Anticipate long term returns on a prudent basis. | Treasury & Pensions Investments Manager  Treasury & Pensions Investments Manager |                           | Significant<br>3 | Possible<br>3   | Medium<br>9    |
| RE390031 - Foreign exchange risk The fund holds financial assets and liabilities denominated in foreign currencies. It is therefore exposed to an element of risk in relation to currency fluctuation.  Funding level decreases; employer contribution rates become unacceptable, causing a potential increase in employers' costs. | Moderate<br>2 | Possible<br>3                          | Medium<br>6    | Establish & review diversified<br>(within regions) strategic asset<br>allocation                                   | Treasury &<br>Pensions<br>Investments<br>Manager                                 |                           | Moderate<br>2    | Unlikely<br>2   | Low 4          |
| RE390032 - Failure to meet statutory deadlines leading to qualification of the accounts Lack of planning for closure of accounts; lack of training; loss of expert knowledge.   | Substantial 4 | Unlikely<br>2                          | Medium<br>8    | Timetabled Audit Committee<br>cycles   | Treasury &<br>Pensions<br>Investments<br>Manager                                 |                           | Substantial 4    | Improbable<br>1 | Low<br>4       |

Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>(Threat to achievement of business<br>objective)  | Assessment of Uncontrolled Risk<br>(Assume NO controls in place) |               |                | Risk Control Measures  | Assigned To                                      | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|---|--|---------------|----------------|--|--|---------------------------|---|---------------|----------------|--|
|   | Impact   | Probability   | Risk<br>Rating |  |  |                           | Impact  | Probability   | Risk<br>Rating |  |
| Qualified audit report; potential bad publicity; members' loss of confidence on officers' abilities.  |  |               |                | Liaise with external audit                                       | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |               |                |  |
|   |  |               |                | Establish closedown timetable                                    | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |               |                |  |
|   |  |               |                | Establish WAO working paper<br>guidance & planning document      | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |               |                |  |
|   |  |               |                | Excellent time management skills                                 | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |               |                |  |
| RE390033 - Adequate skilled resources not available for accounts preparation Lack of training; loss of expert knowledge; annual or study leave. | Significant<br>3   | Unlikely<br>2 | Medium<br>6    | Appropriate Treasury & Pension<br>Investments structure in place | Treasury &<br>Pensions<br>Investments<br>Manager |                           | Significant 3   | Unlikely<br>2 | Medium<br>6    |  |
| Qualified audit report; unsatisfactory internal audit report; failure to meet statutory closure deadlines; employee stress.                     |  |               |                | Arrange training courses and seminars, and mentoring             | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |               |                |  |

Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>(Threat to achievement of business<br>objective)   | Assessment of Uncontrolled Risk (Assume NO controls in place) |               |                | Risk Control Measures   | Assigned To  | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |               |                |  |
|--|---|---------------|----------------|---|--|---------------------------|---|---------------|----------------|--|
|  | Impact  | Probability   | Risk<br>Rating |   |  |                           | Impact  | Probability   | Risk<br>Rating |  |
| RE390035 - Failure to recover all debts Lack of communication between fund officers and administering authority officers (debtors); lack of monitoring / recovery procedures.  Loss of income to the Fund; loss of stakeholder confidence in the ability of the administering authority; potential increase in costs to Fund employers | Substantial 4   | Possible<br>3 | High<br>12     | Use of specialist debt recovery section within the administering authority      Monthly monitoring of debts due | Pensions Manager and Treasury & Pensions Investments Manager  Pensions Manager and Treasury & Pensions Investments |                           | Substantial 4   | Unlikely<br>2 | Medium<br>8    |  |
| RE390036 - Officers acting outside delegated authority Threat of officers making unauthorised decisions or payments.   | Substantial<br>4  | Unlikely<br>2 | Medium<br>8    | Undertake regular review of<br>Standing Orders & Constitution   | Treasury & Pensions Investments Manager  |                           | Substantial 4   | Improbable 1  | Low<br>4       |  |
| Loss of income to fund; loss of<br>stakeholder confidence in the ability of<br>the administering authority; potential<br>increase in costs to fund employers   |   |               |                | Report to Executive Board   | Treasury &<br>Pensions<br>Investments<br>Manager   |                           |   |               |                |  |
|  |   |               |                | Monitoring officer role   | Treasury & Pensions Investments Manager  |                           |   |               |                |  |

Organisation/Department/Function/Project: Dyfed Pension Fund

| Risk<br>(Threat to achievement of business<br>objective)   | Assessment of Uncontrolled Risk (Assume NO controls in place) |               |                | Risk Control Measures   | Assigned To                                      | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |                 |                |  |
|--|---|---------------|----------------|---|--|---------------------------|---|-----------------|----------------|--|
|  | Impact  | Probability   | Risk<br>Rating |   |  |                           | Impact  | Probability     | Risk<br>Rating |  |
| RE390037 - Non-performance by Officers and Panel Members Lack of training for officers and members; turnover in officers and members; lack of appraisals; lack of PI monitoring; time constraints for    | Substantial 4   | Possible<br>3 | High<br>12     | Establish performance measurement system     Pension Panel member | Treasury & Pensions Investments Manager          |                           | Substantial 4   | Unlikely<br>2   | Medium<br>8    |  |
| members; conflicting deadlines for officers.  Qualified audit report; potential bad  |   |               |                | assessments   | Pensions<br>Investments<br>Manager               |                           |   |                 |                |  |
| publicity; members' loss of confidence in officers' abilities; excessive pressure on officers; loss of income to the fund; loss of stakeholder confidence in the ability of the administering authority; |   |               |                | Officer appraisals in October<br>and March annually               | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |                 |                |  |
| potential increase in costs to fund employers  |   |               |                | Regular internal and external audits                              | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |                 |                |  |
|  |   |               |                | Establish & review training plan<br>for officers and members      | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |                 |                |  |
| RE390038 - Failure to operate strict financial and budgetary controls Lack of regular budget monitoring and budget setting; lack of communication between admin and investment                           | Substantial 4   | Unlikely<br>2 | Medium<br>8    | Quarterly monitoring of budgets                                   | Treasury & Pensions Investments Manager          |                           | Substantial<br>4  | Improbable<br>1 | Low<br>4       |  |

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| Risk<br>(Threat to achievement of business<br>objective)   |        | of Uncontrolled R<br>controls in place) |                | Risk Control Measures  | Assigned To                                      | Target Date<br>(Priority) | Assessment of Current Risk (Assume CURRENT controls in place) |             |                |  |
|--|--------|---|----------------|--|--|---------------------------|---|-------------|----------------|--|
|  | Impact | Probability                             | Risk<br>Rating |  |  |                           | Impact  | Probability | Risk<br>Rating |  |
| sections; lack of scrutiny of investment managers', consultants', and advisers' fees.  |        |   |                | Quarterly forecasting and profiling of budgets                                 | Treasury & Pensions Investments Manager          |                           |   |             |                |  |
| Unexpected variances over budget headings; members' loss of confidence in officers' abilities; loss of income to the fund; loss of stakeholder confidence in the ability of the administering authority; potential increase in costs to fund |        |   |                | Closure of accounts to Audit<br>Committee                                      | Treasury & Pensions Investments Manager          |                           |   |             |                |  |
| employers.   |        |   |                | Monthly meetings between Head<br>of Service, Admin and<br>Investment managers  | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |             |                |  |
|  |        |   |                | Monthly reconciliations of<br>contributions, dividends, and<br>pension payroll | Treasury &<br>Pensions<br>Investments<br>Manager |                           |   |             |                |  |
|  |        |   |                |  |  |                           |   |             |                |  |
|  |        |   |                |  |  |                           |   |             |                |  |
|  |        |   |                |  |  |                           |   |             |                |  |