

ANNEX 5

No.	Risk Threat to achievement of business objective	Scope/potential consequences of risk	Existing control measures in place	Assessment of Risk (Impact x Likelihood) with current controls in place			Additional Risk Control Measures that could be introduced	Cost of Measure	Assessment of Residual Risk (Impact x Likelihood) With additional control measures		
				Impact	Likelihood	Risk Score			Impact	Likelihood	Risk Score
Climate Change							£				
CC 1	<p>Flood Risk</p> <ul style="list-style-type: none"> • Local urban flooding –known areas • River Doe Lea – on Buttermilk (transport) • River Meden - Pleasley Vale Mills (business) • River Erewash Pinxton (housing) • Council premises – • Sherwood – none • New Depot – none • Contact centres – Clowne, South Normanton, OK • Shirebrook possibly for Cellar • Leisure centres – none • Group Dwellings - none • Staff may have difficulty getting to or from work (e.g. Chesterfield) 	<ul style="list-style-type: none"> • Not considered a major issue • Small number of homes / workplaces flooded • Low risk of infection / pollution of water supplies • Low risk of critical utilities compromised - PVM Electricity • Clean up of silt • Temporary re housing very rare 	<ul style="list-style-type: none"> • Emergency and Business Continuity Plans in place and regular exercises undertaken • Mapped “at risk” areas • Local urban flooding – when homes involved we have list of properties receiving sand bagging • Information campaign for affected areas 	2	2	4	<p>Strategic flood risk assessment for LDF to be shared with relevant services (Planning)</p> <p>GIS mapping of flood risk areas to be completed by County Council / Environment Agency (Env H & Street Services)</p> <p>Info Campaign (CSPD)</p> <p>Highway infrastructure – gully clearance reduced to 1 p.a from 2 p.a by County Council (Env H & Street Services)</p> <p>Many gullies go to soakaways – need to map in “at risk” areas by County Council (Env H & Street Services)</p> <p>Increase sand bagging when flooding alerts received (Env H & Street Services)</p>	<p>Nil</p> <p>1 Negligible</p> <p>1 Negligible</p> <p>3 Moderate</p> <p>2 Minor</p> <p>2 Minor</p>	2	2	4

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CC 2	Extreme cold weather	<ul style="list-style-type: none"> • Possible hypothermia (elderly could cut down on heating because of high price of fuel) • More accidents potential insurance liabilities for injuries / damage sustained • Identifying which areas to grit, size of stocks • Potential staff injuries, e.g. slips • Inability to open satellite buildings • Staff may have difficulty getting to or from work (e.g. Chesterfield) • Increased power demands • Increased demand on certain services, e.g. Housing repairs • Possible need to temporarily suspend some services • Impact on elderly residents in sheltered and tenanted accommodation – loss of central heating (even gas systems usually stop in power cuts) • Possible fuel shortages due to increased demand / damage to power lines • Adverse impact upon biodiversity in prolonged cold periods, e.g. wren population can reduce by 50% 	<ul style="list-style-type: none"> • Emergency and Business Continuity Plans in place and regular exercises undertaken • Custom & practice / procedures in place for suspending services • Ability to redeploy certain employees • Patch Management policy on winter gritting being developed 	2	2	4	<ul style="list-style-type: none"> • Determine how much grit to store (EH & St Servs) • Consider alternative Staff transport arrangements (HR) • 4 x 4 vehicles who's got them and where (EH & St Servs) • Identify additional support mechanisms for at risk groups, e.g. elderly tenants support by Tenancy Management Officers • Emergency / mobile generators for Council properties and sheltered accomodation(Regen & Housing) 	Nil 1 Negligible Nil 2 Minor	2	2	4

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CC 3	<p>Heatwaves / prolonged periods of increased average temperatures</p> <ul style="list-style-type: none"> Increased vulnerability to heat related disease / medical conditions Adverse impact on biodiversity, both flora and fauna 	<ul style="list-style-type: none"> Impact on elderly residents in sheltered and tenanted accommodation Possible increased need for mortuary procedures Longer growing season for plants / weeds Rubbish decaying quicker – pests / Infectious diseases Increased risk of food poisoning Stresses on water supply Increase in vector borne diseases Increased vulnerability to heat related disease / medical conditions Increased demand for water Increased demand for air conditioning and electricity Increased fire risk in public open spaces Possible structural damage 	<ul style="list-style-type: none"> Emergency and Business Continuity Plans in place and regular exercises undertaken Wardens available to assist in sheltered accommodation Reactive service available for EH related issues, including reciprocal arrangements with other councils 	2	2	4	<ul style="list-style-type: none"> Less grass cutting – (Env H & St Servs) Additional support for pest control & food hygiene inspections / controls (EH & Health Protection Agency) Reduce programmed outdoor Leisure activities including possible closure of e.g. fishing areas (Leisure) Increase availability of swimming pool activities (Leisure) Sheltered accommodation – reduce temperatures – mobile air conditioning (Housing) Identify additional support mechanisms for at risk groups, e.g. elderly tenants support by Tenancy Management Officers (Housing) Produce information campaign (CSPD) 	<p>Nil (possible saving)</p> <p>2 Minor</p> <p>Nil (possible saving)</p> <p>1 Negligible</p> <p>2 Minor</p> <p>2 Minor</p> <p>1 Negligible</p>	2	2	4

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Climate Change											
CC 4	Reduced water availability	<ul style="list-style-type: none"> • Drought • Algal “blooms” • Lowering of water table – potential impact upon subsidence • Some playing pitches /public open space availability to be reduced • Reduced need for grounds maintenance • Adverse effect on biodiversity • Impact on elderly residents in sheltered and tenanted accommodation • Grass roof at new Depot requires watering in drought conditions 	<ul style="list-style-type: none"> • Emergency and Business Continuity Plans in place and regular exercises undertaken • Wardens available to assist in sheltered accommodation • Rain water harvesting system at new Depot 	1	2	2	<ul style="list-style-type: none"> • Plant drought resistant species of grass/shrubs etc. (Planning / Leisure) • Undertake impact analysis of biodiversity effects on habitats and species (Planning / Leisure) • Planning documents to require planting of non-native plants or more drought resistant species (Planning / Bolsover Countryside Partnership) • Promote water storage + more efficient use in public buildings, homes and businesses(CSPD / Regen) • Promote efficient use of “run off” measures to retain water in times of flood e.g. use of ponds and storage of water from underground workings (Planning / Regen) • Introduce rainwater harvesting at council buildings and housing (Regen & Housing) • Close relevant pitches / play areas (Leisure) • Reduce grass cutting programmes for Leisure sites, verges, etc (Env H & Street Services) • Re-assess agricultural land classification for likely most affected areas (Planning / DEFRA) • Potable water liaison with severn trent / Yorkshire (ENV H & Street Services) 	<p>1 Negligible</p> <p>2 Minor</p> <p>Nil</p> <p>1 Negligible</p> <p>1 Negligible</p> <p>2 Minor</p> <p>1 Negligible</p> <p>Nil (possible saving)</p> <p>1 Negligible</p> <p>2 Minor</p>	1	2	2

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CC 5	Storms / high winds	<ul style="list-style-type: none"> Power disruption e.g. Pylons Scarcliffe Damage to council owned and private buildings Bolcked roads due to trees blown down Council properties exterior fitting Pleasley Vale Mills – possible damage to high/ parts of building age /height Water driven into buildings through cracks Disruption to communications Increased risk to staff engaged in reactive emergency repairs No in built resilience at Contact Centres Low level local residence Sherwood lodge on a ridge – but most power underground. Potential loss of “significant trees” leading to gaps in green infrastructure 	<ul style="list-style-type: none"> Tree Management Policy agreed by Patch Management group 	2	3	6	<ul style="list-style-type: none"> Identify additional contractors to undertake building repairs and deal with dangerous trees(Housing, Regen and Env H & St Servs) Complete Community Response Plans for local resources – County Council to implement (Env H & St Servs) Establish procedures on how Tenants can get repairs done quickly using private contractors (Housing and Finance (Insurance) Establish procedures for prioritising buildings with damage at height and other “at risk” buildings Regen and Housing) Undertake Tree management survey + Action to mitigate risk (Leisure / EH & St Servs) Feed corporate weather warnings to relevant departments (adverse weather alerts) (CEO / CSPD) Develop robust reporting mechanism for damage (Regen, Housing and EH & St Servs) Decant residents from group dwellings if needed. (Housing) UPS (?) back up for central control (ICT) 	<p>1 Negligible</p> <p>1 Negligible</p> <p>2 Minor</p> <p>1 Negligible</p> <p>2 Minor</p> <p>Nil</p> <p>1 Negligible</p> <p>3 Moderate</p> <p>2 Minor</p>			