| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Newport Pagnell South | The River Ouzel and Great Ouse flow through the east of Newport Pagnell. The Tongwell Brook flows through the town.<br><br>Flood Zones 2 and 3 surround these watercourses. Several properties in the centre of Newport Pagnell are located in Flood Zones 2 and 3.<br><br>The Environment Agency historic flood outline dataset shows that there has been a history of fluvial flooding at the settlement. | See section 6 | Mapping shows that surface water flood risk generally follows similar paths to the watercourses and roads. The roads most at risk of surface water flooding are Caldecote Street, Broad Street and Yeomans Drive. | ✓ | | ✓ | ✓ | ✓ | Inundation from three lakes, Caldecotte Lake, Tongwell Lake and Bradwell Lake, may affect the centre and west of Newport Pagnell along the watercourses. |

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Newport Pagnell North and Hanslope | The Great Ouse River flows through the south of the ward and the River Tove flows to the west.<br>Several properties in Newport Pagnell are located in Flood Zones 2 and 3 along a small stream.<br>The Environment Agency historic flood outline dataset shows that there has been a history of flooding in North Newport Pagnell | See section 6 | Mapping shows that surface water flood risk generally follows similar paths to the watercourses. Many roads in Newport Pagnell are at risk of surface water flooding. Most other settlements are at low risk. | ✓ | ✓ | ✓ | ✓ | ✓ | Inundation from many lakes and reservoirs including, Bradwell Lake, Foxecote reservoir, Furzton, Balancing lake, Lodge Lake and Loughton Lake, may affect Newport Pagnell and settlements along the watercourses. |

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Olney | The Great Ouse River flows through Olney and Chicheley Brook flows through the south of the ward.<br>Flood Zones 2 and 3 surround these watercourses and smaller tributaries. Some properties in Lavendon are within these zones.<br>The Environment Agency historic flood outline dataset shows that there has been a history of flooding along these watercourses. | None | Mapping shows that surface water flood risk generally follows similar paths to the watercourses and roads. Settlements particularly at risk include Sherington, Olney, Lavendon, Filgrave and Emberton | ✓ | ✓ | ✓ | ✓ | ✓ | Inundation from two lakes, Caldecotte Lake, and Willen Lake, may affect the land adjacent to the Great Ouse River. |
| Broughton | The River Ouzel and Broughton Brook flow through the ward along with the Grand Canal in the west.<br>Flood Zones 2 and 3 surround these watercourses. Several properties are at risk, especially in the north of the ward.<br>The Environment Agency historic flood outline dataset shows that there has been a history of flooding along the River Ouzel. | See section 6 | Mapping shows that surface water flood risk generally follows similar paths to the watercourses and roads. Roads at risk include Saxonia Boulevard, Abucus drive and Livingstone Drive. | ✓ | | ✓ | ✓ | ✓ | Inundation from many lakes and reservoirs including, Tongwell Lake, Foxecote reservoir, Furzton, Balancing lake, Lodge Lake and Loughton Lake, may affect the properties along the watercourses. |

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Monkston | The River Ouzel flows to the west of the ward.<br><br>Flood Zones 2 and 3 surround these watercourses. Some properties to the southwest in Walnut Tree are in Flood Zones 2 and 3.<br><br>The Environment Agency historic flood outline dataset shows that there has been a history of flooding along the River Ouzel. | See section 6 | Mapping shows that surface water flood risk generally follows similar paths to the watercourses and roads. Within the ward, many roads and building in Monkston and Kingston at risk as well as the south of the ward along a small tributary. | ✓ | | ✓ | ✓ | ✓ | Inundation from Caldecotte Lake, and Simpson Balancing Reservoir, may affect the land adjacent to the River Ouzel, particularly Monkston Park. |

# Appendix M– Summary of Flood Risk in Milton Keynes

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Danesborough and Walton | The River Ouzel and a smaller stream flows to the west of the ward.<br>Flood Zones 2 and 3 surround these watercourses. Some properties to the west in Browns Wood are in Flood Zones 2 and 3.<br>The Environment Agency historic flood outline dataset shows that there has been no previous history of flooding in the area. | None | Mapping shows that surface water flood risk generally follows similar paths to the watercourses and roads. Within the ward, many roads and building in Woburn Sands, Caldecotte and Old Farm Park are at risk. | ✓ | | ✓ | ✓ | ✓ | Inundation from Basin Pond, Lower Drakeloe Pond, and Shoulder of Mutton Pond may affect the very north of the ward. |
| Campbell Park and Old Woughton | The River Ouzel flows to the west of the ward and a number of small streams flow through the ward. The Grand Canal lies in the centre of the ward.<br>Flood Zones 2 and 3 surround the rivers.<br>The Environment Agency historic flood outline dataset shows that there has been no previous history of flooding in the area except along the river floodplain. | See section 6 | Mapping shows that surface water flood risk generally follows similar paths to the watercourses and roads, including Pattison Lane and Mill Lane. | ✓ | | ✓ | ✓ | ✓ | Inundation from Caldecotte Lake, and Simpson Balancing Reservoir, may affect the land adjacent to the River Ouzel. |

# Appendix M– Summary of Flood Risk in Milton Keynes

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Bletchly East | The River Ouzel flows to the east of the ward and a small stream flows to the south.<br>Flood Zones 2 and 3 surround the watercourses. Some properties in Newton Leys are in the flood zones. | None | Mapping shows that surface water flood risk is fairly limited, but generally follow routes of roads, watercourses and open spaces. Roads at risk include Chestnut Crescent and Larch Grove. | ✓ | | ✓ | ✓ | ✓ | Inundation from Caldecotte Lake, and Battlesden Park Lake, may affect the land adjacent to the River Ouzel. |
| Woughton and Fishmead | The Grand Canal is lies along the east boundary of the ward.<br>Woughton and Fishmead are not located in Flood Zones<br>The Environment Agency historic flood outline dataset shows that there has been a history of flooding in Woughton and Fishmead | None | Mapping shows that surface water flood risk is fairly limited in Woughton and Fishmead, but generally follow routes of roads and the canal. The area surrounding the hospital and Eaglestone are most at risk. | ✓ | | | | | None |

# Appendix M– Summary of Flood Risk in Milton Keynes

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Central Milton Keynes | Not in Flood Zones | None | Mapping shows that surface water flood risk in Central Milton Keynes is relatively low, but it generally follows similar paths to the roads and open spaces.<br>Roads particularly at risk include the A509 and Boycott Avenue and Shackleton place in the Oldbrook area. | ✓ | | | | | None |
| Stantonbury | Not located in Flood Zones; apart from the western border along the Loughton valley brook, which is located in Flood Zones 1 and 2.<br>The Environment Agency historic flood outline dataset shows that there has been a limited history of flooding in Stantonbury along the small brook. | None | Mapping shows that surface water flood risk in Stantonbury is relatively low, but it generally follows similar paths to the roads, watercourses and open spaces.<br>Roads most at risk include Marsh Drive, Withington and Redbridge | ✓ | ✓ | ✓ | ✓ | ✓ | Inundation from Furzton Balancing Lake, Lodge Lake, Bradwell Lake and Loughton Lake may affect the land adjacent to the Loughton Valley Park. |

# Appendix M– Summary of Flood Risk in Milton Keynes

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Bradwell | Two small water courses flow through the ward, to the west and in the centre.<br>Flood Zones 2 and 3 surround the watercourses.<br>The Environment Agency historic flood outline dataset shows that there has been no history of flooding in Bradwell. | None | Mapping shows that surface water flood risk in Bradwell is relatively low, but it generally follows similar paths to the roads, watercourses and open spaces.<br>Areas particularly at risk include Stacey Bushes and Wymbush | ✓ | ✓ | ✓ | ✓ | ✓ | Inundation from Furzton Balancing Lake, Lodge Lake, and Loughton Lake may affect the land adjacent to the central watercourse. |
| Wolverton | The River Great Ouse flows through the north of the ward and a smaller tributary stream flows through the ward to the east. The Grand Canal is lies in the centre of the ward.<br>Flood Zones 2 and 3 surround the rivers and a number of properties to the northeast fall within these zones.<br>The Environment Agency historic flood outline dataset shows that there has been a history of flooding in Wolverton, particularly in the north and northeast. | None | Mapping shows that surface water flood risk generally follows similar paths to the watercourses, canal and roads.<br>Roads most at risk include Wolverton Park Road, Old Wolverton Road and St Peters Way. | ✓ | ✓ | ✓ | ✓ | ✓ | Inundation from Furzton Balancing Lake, Lodge Lake, Bradwell Lake and Loughton Lake may affect the land adjacent to the small watercourse to the east of Wolverton. The Land adjacent to the Great Ouse River is at risk from numerous lakes and reservoirs within Northamptonshire and Buckinghamshire. |

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Stony Stratford | The River Great Ouse flows along the north and northwest boundary of the ward. A small stream flows through to the west.<br>Flood Zones 2 and 3 surround the rivers and a number of properties to the north fall within these zones.<br>The Environment Agency historic flood outline dataset shows that there has been a history of flooding in Stony Stratford along the Great Ouse River. | None | Mapping shows that surface water flood risk in Stoney Stratford generally follows similar paths to the roads, watercourses and open spaces.<br>Away from the watercourses, particular roads at risk include High Street, Woolmans and Redding Grove. | ✓ | ✓ | ✓ | ✓ | ✓ | Inundation from Brick Kiln Lake, Foscott, Foxcote and Wakefield Lodge may affect the land adjacent to the Great Ouse, particularly properties in the north. |
| Loughton Shenley | Flood Zones 2 and 3 surround the small watercourse that flows to the east of the ward.<br>The Environment Agency historic flood outline dataset shows that there has been no history of flooding in Loughton Shenley. | None | Mapping shows that surface water flood risk in Loughton Shenley generally follows similar paths to the roads, watercourses and open spaces.<br>The northeast of Loughton Shenley is most at risk with Bradwell Road, Shenley Road and Leys Road at particular risk. | ✓ | | | ✓ | | Inundation from Furzton Balancing Lake, and Loughton Lake may affect many properties adjacent to the small watercourse to the east of Loughton and Shenley. |

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Tattenhoe | Three small watercourses flow through the ward.<br>Flood Zones 2 and 3 surround the most southern watercourse in the Tattenhoe Valley Park.<br>The Environment Agency historic flood outline dataset shows that there has been no history of flooding in Tattenhoe | None | Mapping shows that surface water flood risk in Tattenhoe is relatively low, but it generally follows similar paths to watercourses.<br>Beyond the watercourse a few roads are at risk, including Powis Lane, Bamburgh Gate and St Ives Crescent. | ✓ | | | ✓ | | None |

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Bletchley West | Not located in Flood Zones; apart from the north western boundary, along a small watercourse, which is located in Flood Zones 2 and 3.<br>The Environment Agency historic flood outline dataset shows that there has been no history of flooding in West Bletchley. | None | Mapping shows that surface water flood risk in West Bletchley generally follows similar paths to the roads, watercourses and open spaces.<br>Many roads in the centre act as a surface water flow path and are at high risk. These include Mersey Way, Nottingham Grove, Melrose Avenue and Whaddon Way. | ✓ | | | | | None |
| Bletchley Park | Not located in Flood Zones; apart from a section of the southern boundary, along a small watercourse, which is located in Flood Zones 2 and 3.<br>The Environment Agency historic flood outline dataset shows that there has been no history of flooding in Bletchley Park, except along Westfield Road in the southeast. | None | Mapping shows that surface water flood risk in Bletchley Park generally follows similar paths to the roads and the railway.<br>Highly at risk roads include Denbigh Road, Colchester Walk and Henley Road. | ✓ | | ✓ | ✓ | ✓ | None |

| Ward | Fluvial flood risk | Formal flood defences | Surface water flood risk | Susceptibility to groundwater flooding, according to JBA map | | | | | Reservoir inundation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | No risk | 5m below surface | 0.5m to 5m below surface | 0.025m to 0.5m below surface | Within 0.025m of surface | |
| Shenley Brook End | Three small watercourses flow through the ward and Flood Zones 2 and 3 surround these and the Furzton Lake. | None | Mapping shows that surface water flood risk in Shenley Brook End generally follows similar paths to the roads and watercourses.<br>Road particularly at risk include Wolfscote Lane, Bletchley Road and Whaddon Road. | ✓ | | | ✓ | | None |