

**Legend**

- Land Available for Development - Residential
- Land Available for Development - Non Residential
- Main Rivers
- Ordinary Watercourses (dashed where culverted)
- Canals (dashed where culverted or tunnelled)
- Reservoirs (dashed where underground)
- Constituency Boundary
- Climate Change Fluvial Model Outline
- Fluvial Functional Floodplain

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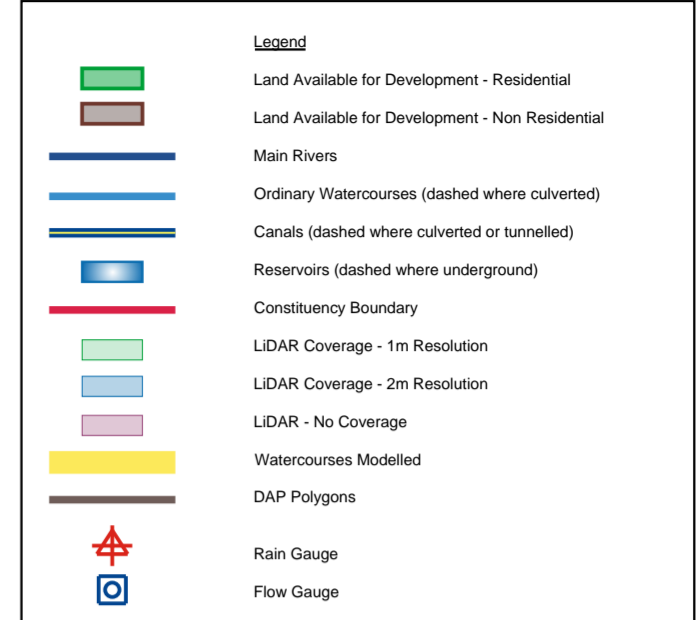
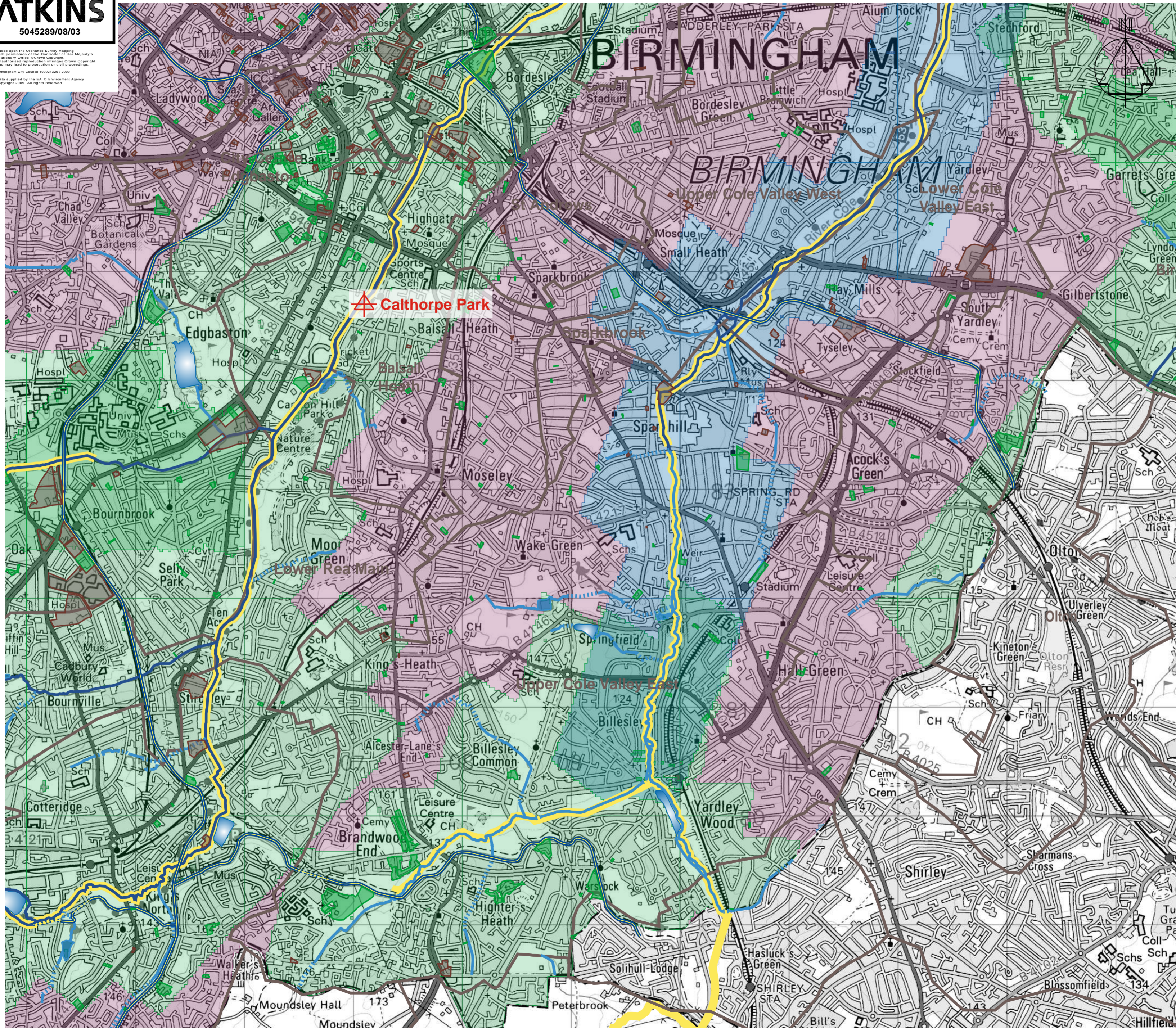
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CLIENT **Birmingham City Council**

PROJECT  
**Strategic Flood Risk Assessment  
Level 1**

DRAWING TITLE  
**Climate Change and Functional Floodplain  
Hall Green Constituency**

SCALES	1:25000	DRAWN	PK	CHECKED	CO-ORD CHECK
		DATE	24/08/09	DATE	DATE
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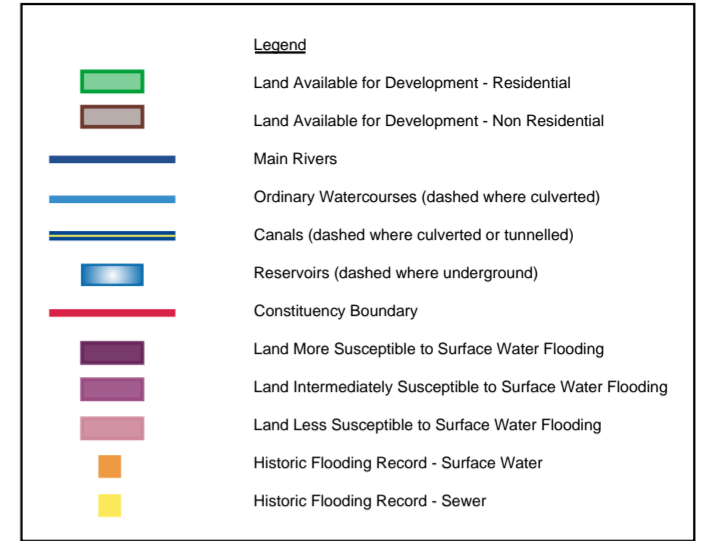
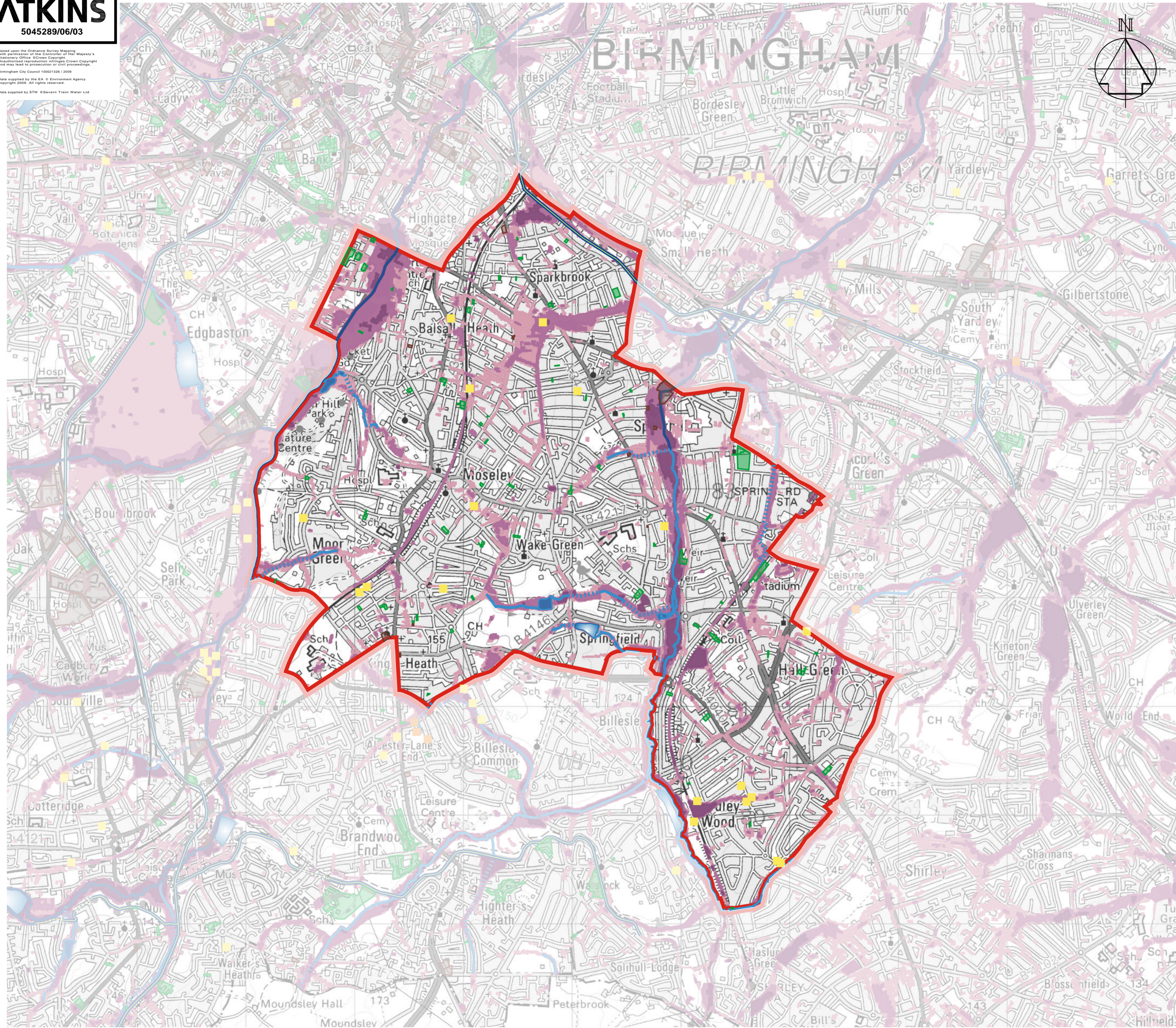
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PROJECT  
**Strategic Flood Risk Assessment  
Level 1**

DRAWING TITLE  
**Hydraulic Models and LIDAR Coverage  
Hall Green Constituency**

SCALES	DRAWN	CHECKED	CO-ORD CHECK
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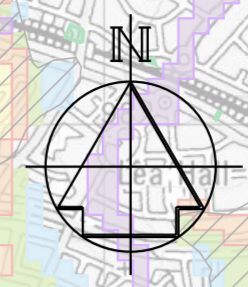
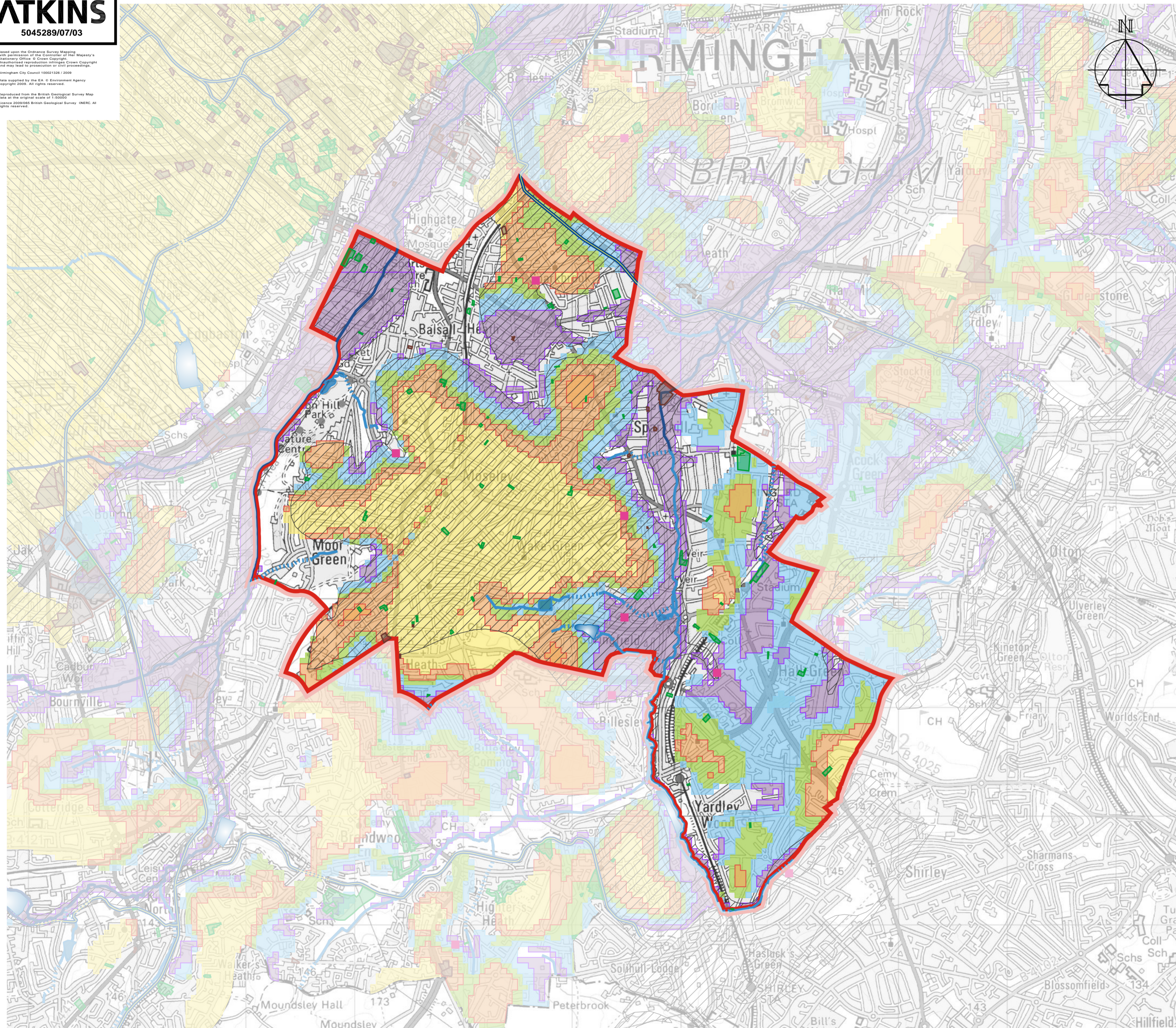
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PROJECT  
**Strategic Flood Risk Assessment  
Level 1**

DRAWING TITLE  
**Surface Water Flooding Susceptibility  
Hall Green Constituency**

SCALES	DRAWN	CHECKED	COORD CHECK
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		A2	15/09/09
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Legend	
	Land Available for Development - Residential
	Land Available for Development - Non Residential
	Main Rivers
	Ordinary Watercourses (dashed where culverted)
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	Reservoirs (dashed where underground)
	Constituency Boundary
	Historic Flooding Record - Groundwater
	Minor Aquifer
	Major Aquifer
	BGS Groundwater Flooding VERY HIGH Susceptibility
	BGS Groundwater Flooding HIGH Susceptibility
	BGS Groundwater Flooding MODERATE Susceptibility
	BGS Groundwater Flooding LOW Susceptibility
	BGS Groundwater Flooding VERY LOW Susceptibility

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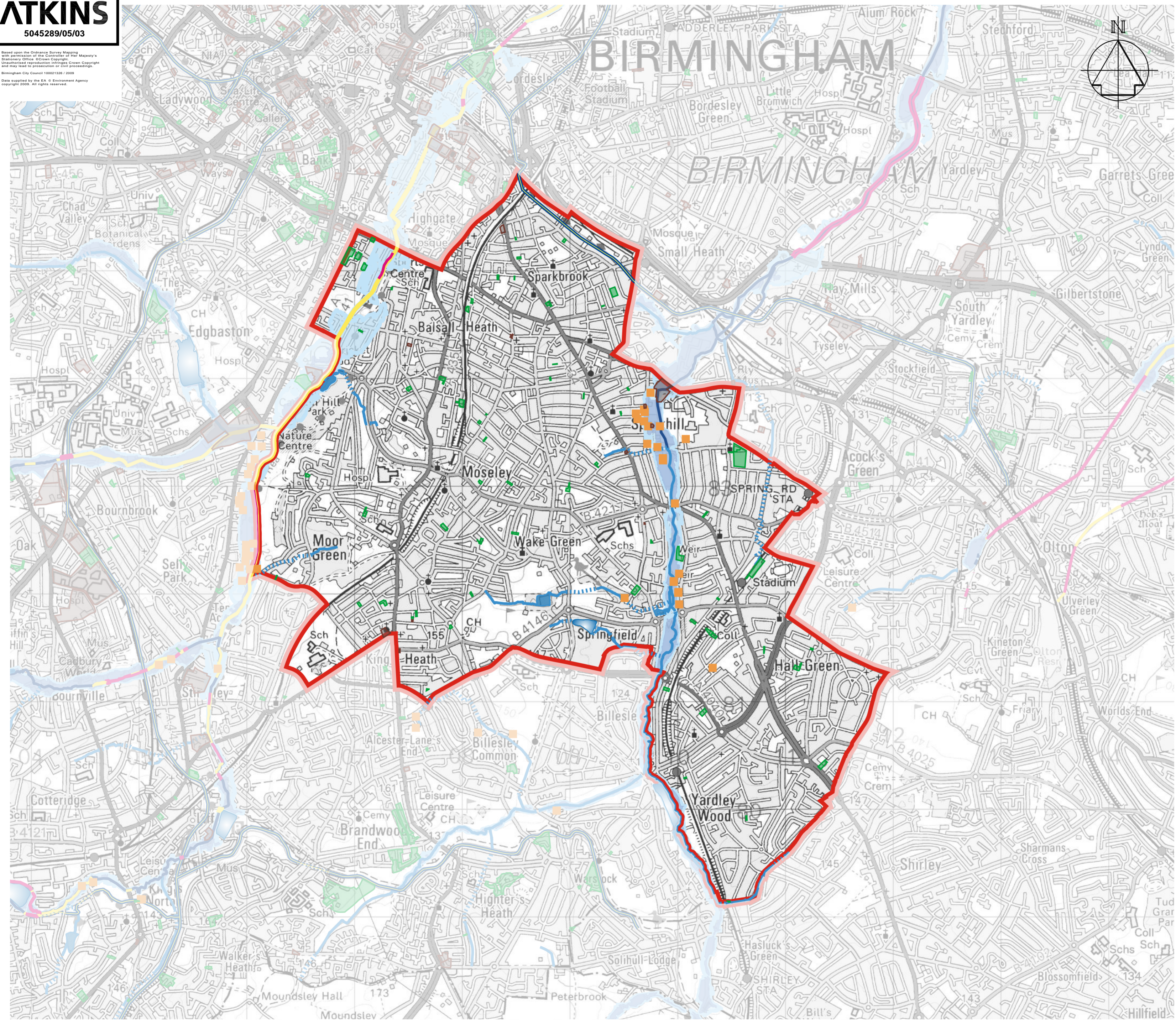
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PROJECT  
**Strategic Flood Risk Assessment  
Level 1**

DRAWING TITLE  
**Groundwater Flooding Susceptibility  
Hall Green Constituency**

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DRAWING NO		5045289/07/03				REV	



Legend	
<span style="color: green;">■</span>	Land Available for Development - Residential
<span style="color: brown;">■</span>	Land Available for Development - Non Residential
<span style="color: blue;">—</span>	Main Rivers
<span style="color: blue;">- - -</span>	Ordinary Watercourses (dashed where culverted)
<span style="color: blue;">- - -</span>	Canals (dashed where culverted or tunneled)
<span style="color: blue;">■</span>	Reservoirs (dashed where underground)
<span style="color: red;">—</span>	Constituency Boundary
<span style="color: lightblue;">—</span>	Flood Zone 3 - 1 in 100 year return period flood outline (1% AEP)
<span style="color: lightblue;">—</span>	Flood Zone 2 - 1 in 1000 year return period flood outline (0.10% AEP)
<span style="color: yellow;">—</span>	NFCDD - Formal/Informal Defences
<span style="color: orange;">—</span>	NFCDD - Maintained Channel
<span style="color: orange;">■</span>	Historic Flooding Record - Watercourse

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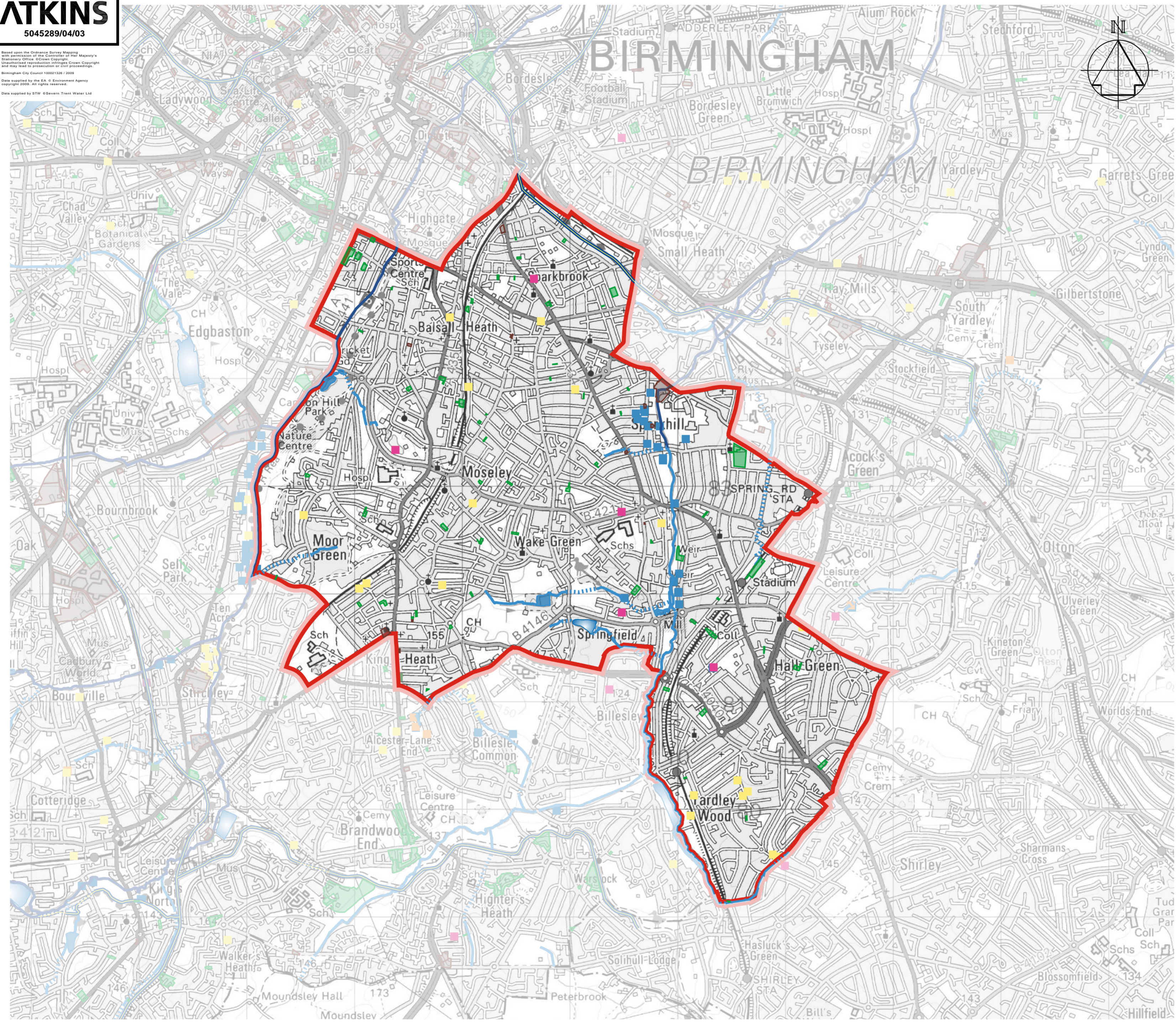
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PROJECT  
**Strategic Flood Risk Assessment  
 Level 1**

DRAWING TITLE  
**EA Flood Zones and NFCDD Assets  
 Hall Green Constituency**

SCALES	1:25000	DRAWN	PK	CHECKED		CO-ORD CHECK	
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	Constituency Boundary
	Historic Flooding Record - Watercourse
	Historic Flooding Record - Surface Water
	Historic Flooding Record - Groundwater
	Historic Flooding Record - Sewer
	Historic Flooding Record - Canal Breach
	Historic Flooding Record - Unknown

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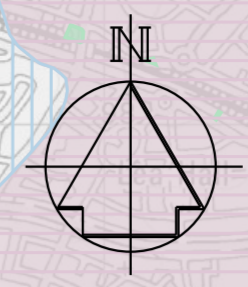
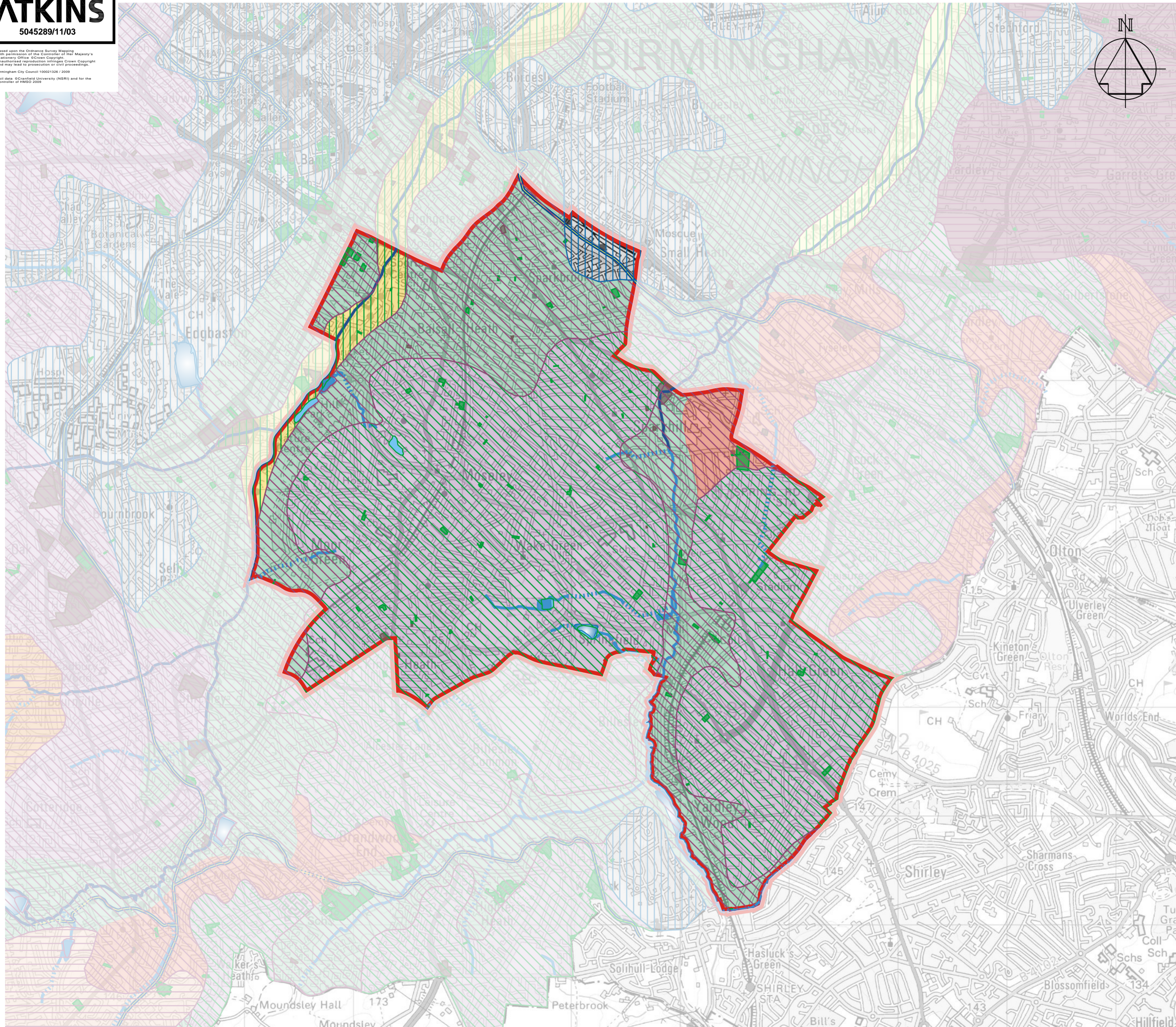
PROJECT  
**Strategic Flood Risk Assessment  
Level 1**

DRAWING TITLE  
**Locations of Historic Flooding  
Hall Green Constituency**

SCALES	DRAWN	CHECKED	CO-ORD CHECK
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DRAWING NO **5045289/04/03** REV



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**Fertility**

- Very Low
- Low
- Moderate
- Low to High
- Moderate to High
- High

**Drainage**

- Freely draining
- Slightly impeded drainage
- Impeded drainage
- Variable
- Naturally wet
- Surface Wetness

**Superficial Deposits**

- Freely draining slightly acid loamy soils
- Freely draining slightly acid sandy soils
- Freely draining very acid sandy and loamy soils
- Loamy and clayey floodplain soils with naturally high groundwater
- Loamy and sandy soils with naturally high groundwater and a peaty surface
- Loamy soils with naturally high groundwater
- Naturally wet very acid sandy and loamy soils
- Shallow very acid peaty soils over rock
- Slightly acid loamy and clayey soils with impeded drainage
- Slowly permeable seasonally wet acid loamy and clayey soils
- Slowly permeable seasonally wet slightly acid but base-rich loamy and clayey soils

**Geology**

- Drift over Permo-Triassic and Carboniferous reddish mudstone
- Glaciofluvial drift
- Glaciofluvial drift and peat
- Glaciofluvial or river terrace drift
- Palaeozoic gritstone and sandstone
- Permo-Triassic and Carboniferous reddish mudstone, siltstone and sandstone
- Permo-Triassic and Carboniferous sandstone and siltstone
- Permo-Triassic and Devonian reddish conglomerate and sandstone
- Permo-Triassic reddish mudstone
- Permo-Triassic reddish mudstone and till
- Permo-Triassic reddish mudstone and alluvium
- Reddish till
- River alluvium
- River alluvium over peat
- Lake and Waterbody

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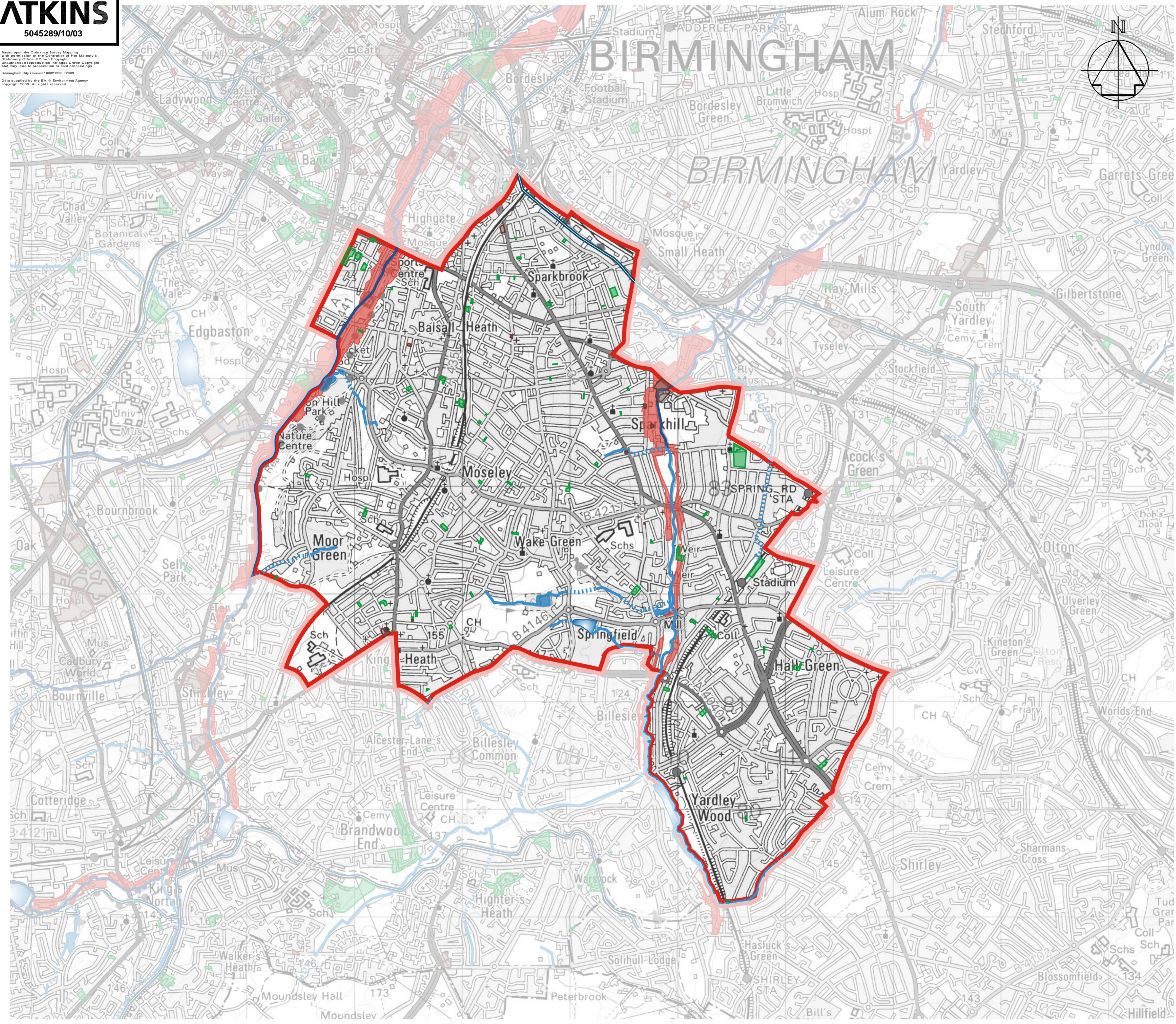
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PROJECT  
**Strategic Flood Risk Assessment  
 Level 1**

DRAWING TITLE  
**Geology and Superficial Deposits  
 Hall Green Constituency**

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	Flood Warning Zones

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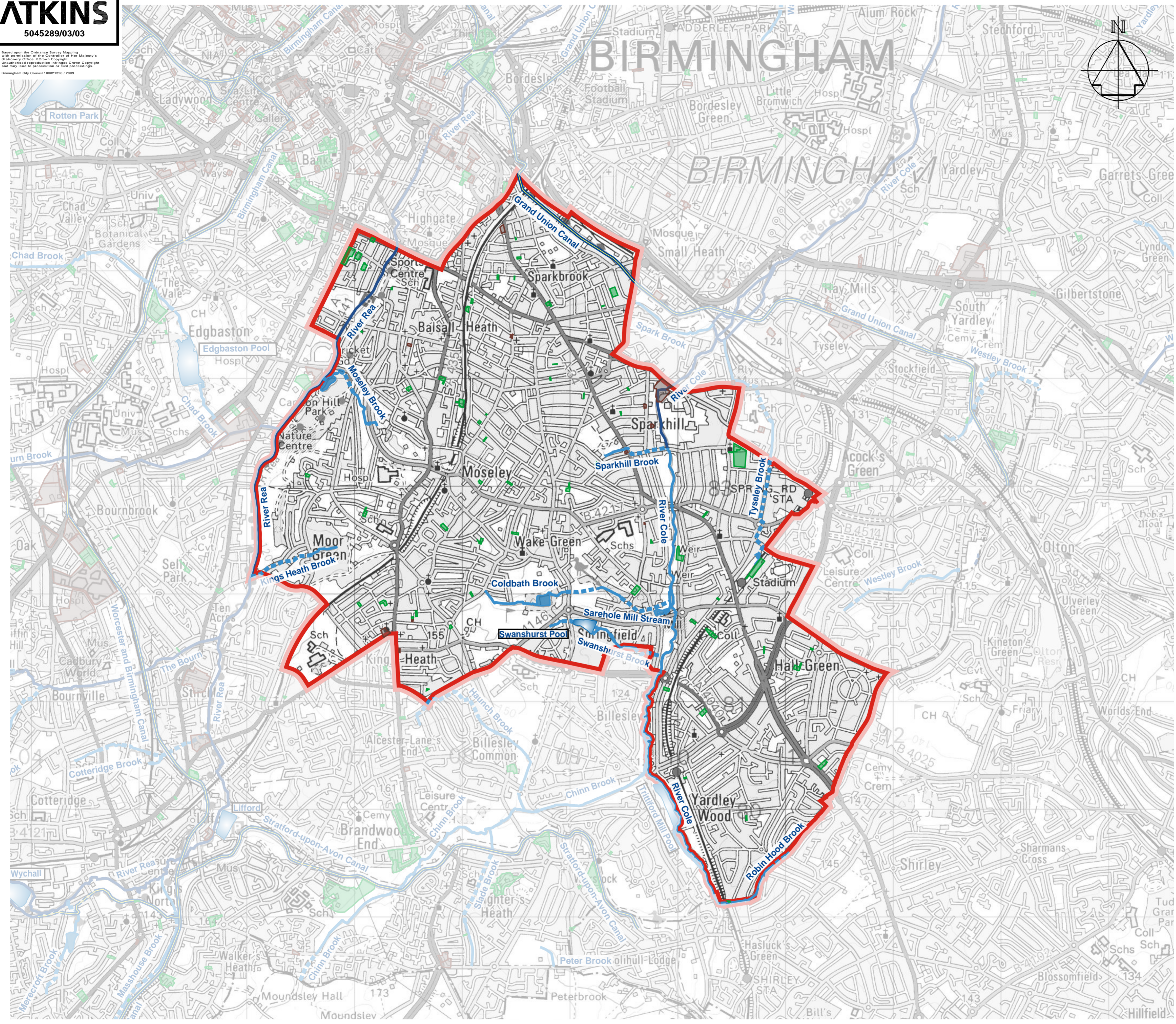


PROJECT  
**Strategic Flood Risk Assessment  
 Level 1**

DRAWING TITLE  
**Flood Warning Zones  
 Hall Green Constituency**

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 Level 1**

DRAWING TITLE  
**Water Features  
 Hall Green Constituency**

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