

Atkins Ltd

Consulting Engineers

The Axis, 10 Holiday Street
Birmingham West Midlands B1 1TF

Tel 0121 483 5000
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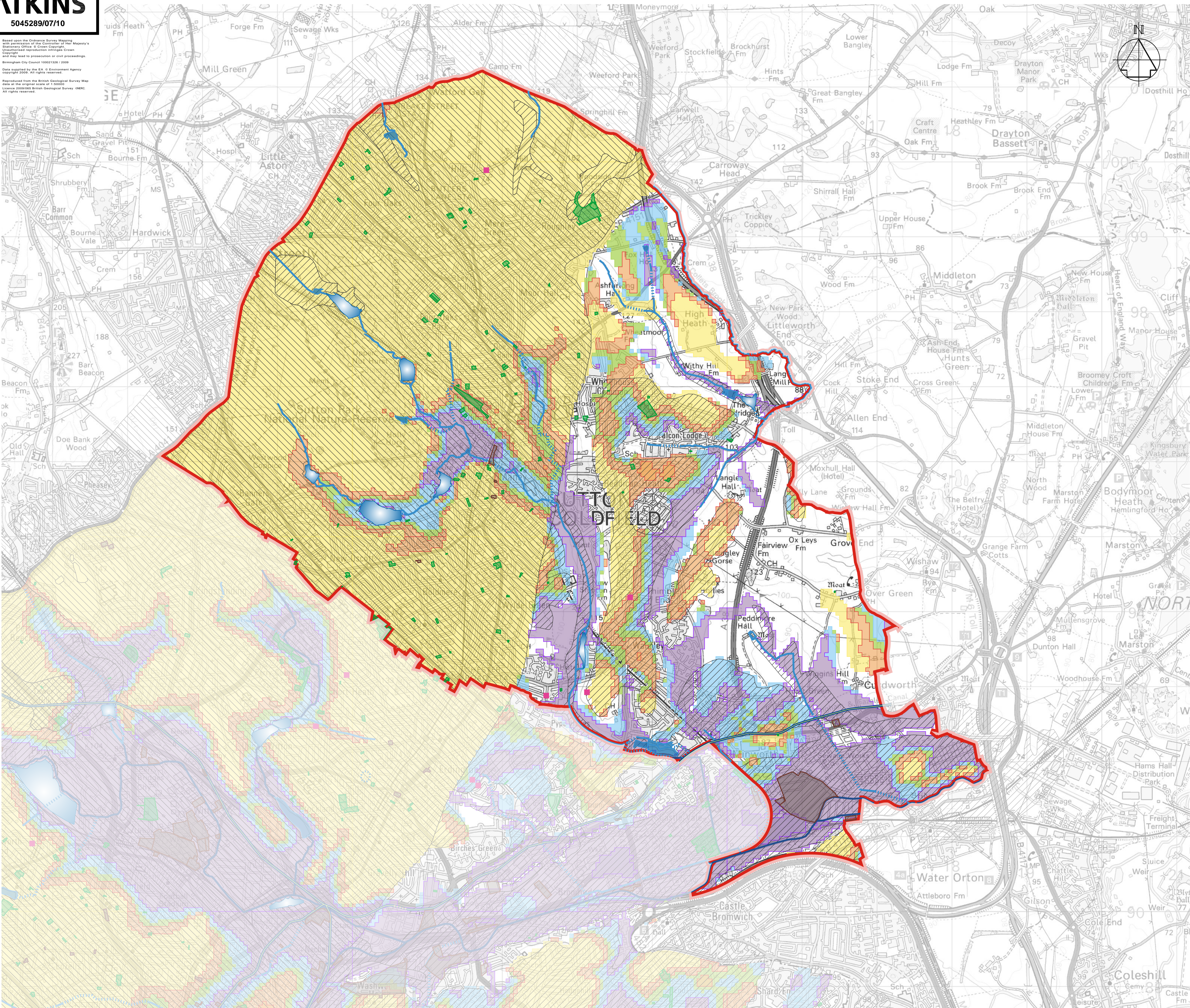
PROJECT

Strategic Flood Risk Assessment
Level 1

DRAWING TITLE

Surface Water Flooding Susceptibility
Sutton Coldfield Constituency

Scales	1 25000	DRAWN	PK	CHECKED		CO-ORD	CHECK	
		DATE	24/08/09	DATE		DATE		
0				SHEET		PLOT DATE		
				A1		15/09/09		
DRAWING NO				REV				



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

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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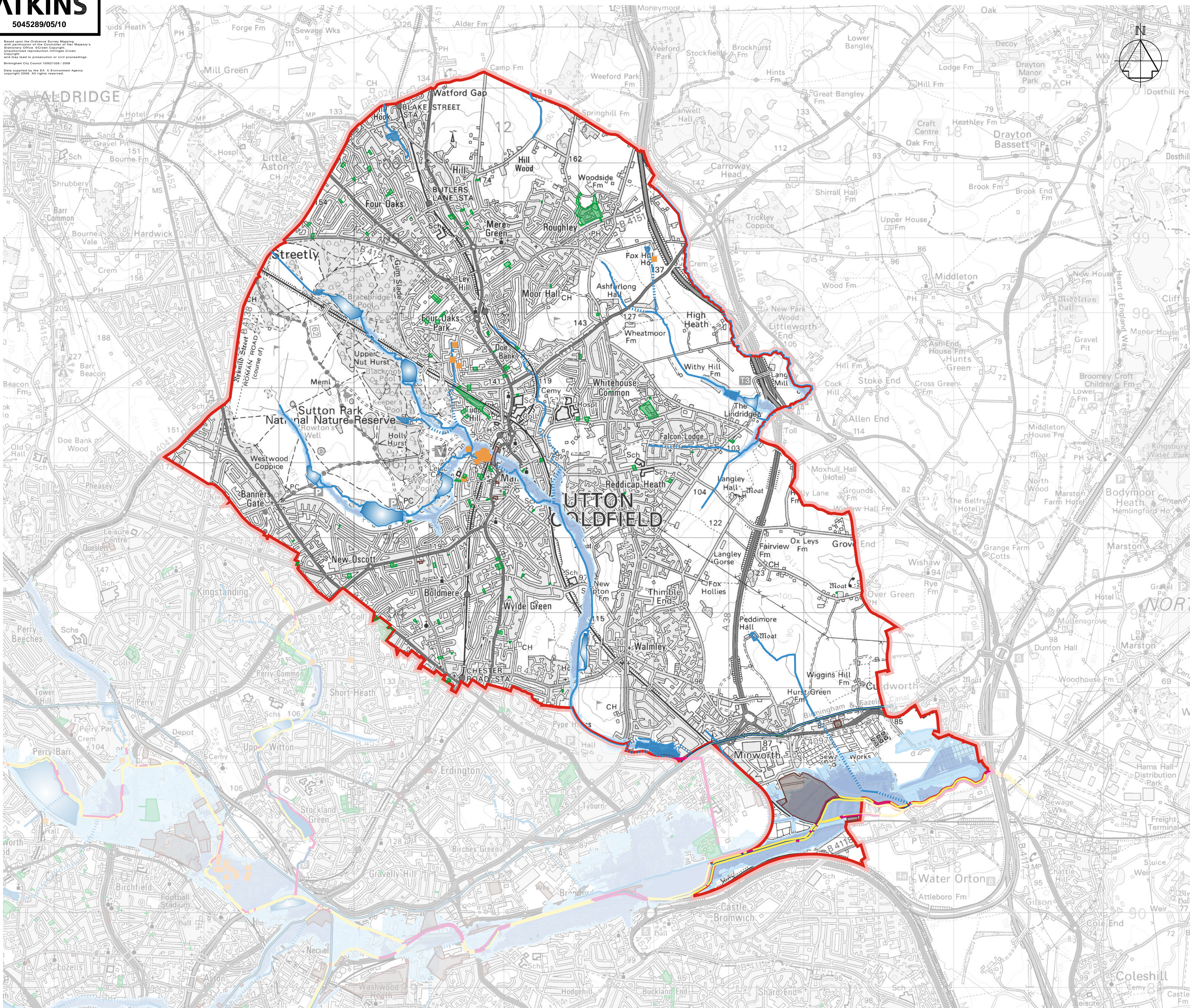
Strategic Flood Risk Assessment
Level 1













DRAWING TITLE

Groundwater Flooding Susceptibility
Sutton Coldfield Constituency

Scales	1 25000	DRAWN PK	CHECKED	CO-ORD CHECK
DATE	24/08/09	DATE	DATE	DATE
0			SHEET A1	PLOT DATE 15/09/09
DRAWING NO				REV

5045289/07/10



- | | |
|---|--|
|  | 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 |
|  | Flood Zone 3 - 1 in 100 year return period flood outline (1% AEP) |
|  | Flood Zone 2 - 1 in 1000 year return period flood outline (0.1% AEP) |
|  | NFCDD - Formal/Informal Defences |
|  | NFCDD - Maintained Channel |
|  | Historic Flooding Record - Watercourse |

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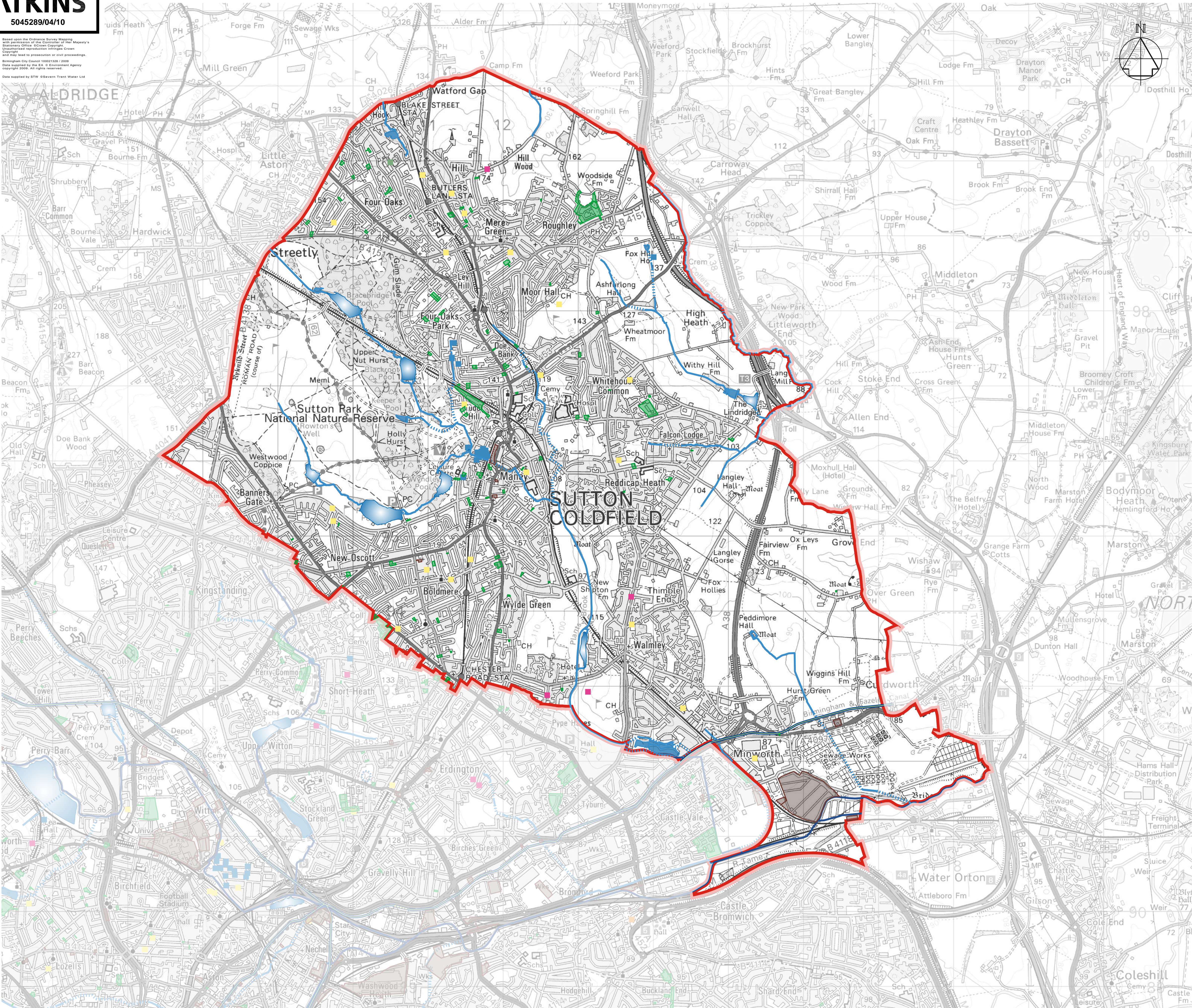
Strategic Flood Risk Assessment Level 1

DRAWING TITLE

EA Flood Zones and NFCDD Assets Sutton Coldfield Constituency

Scales 1 25000	DRAWN PK	CHECKED	CO-ORD CHECK
	DATE 24/08/09	DATE	DATE
		SHEET A1	PLOT DATE 16/09/09
DRAWING NO		REV	

5045289/05/10



- 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
 - 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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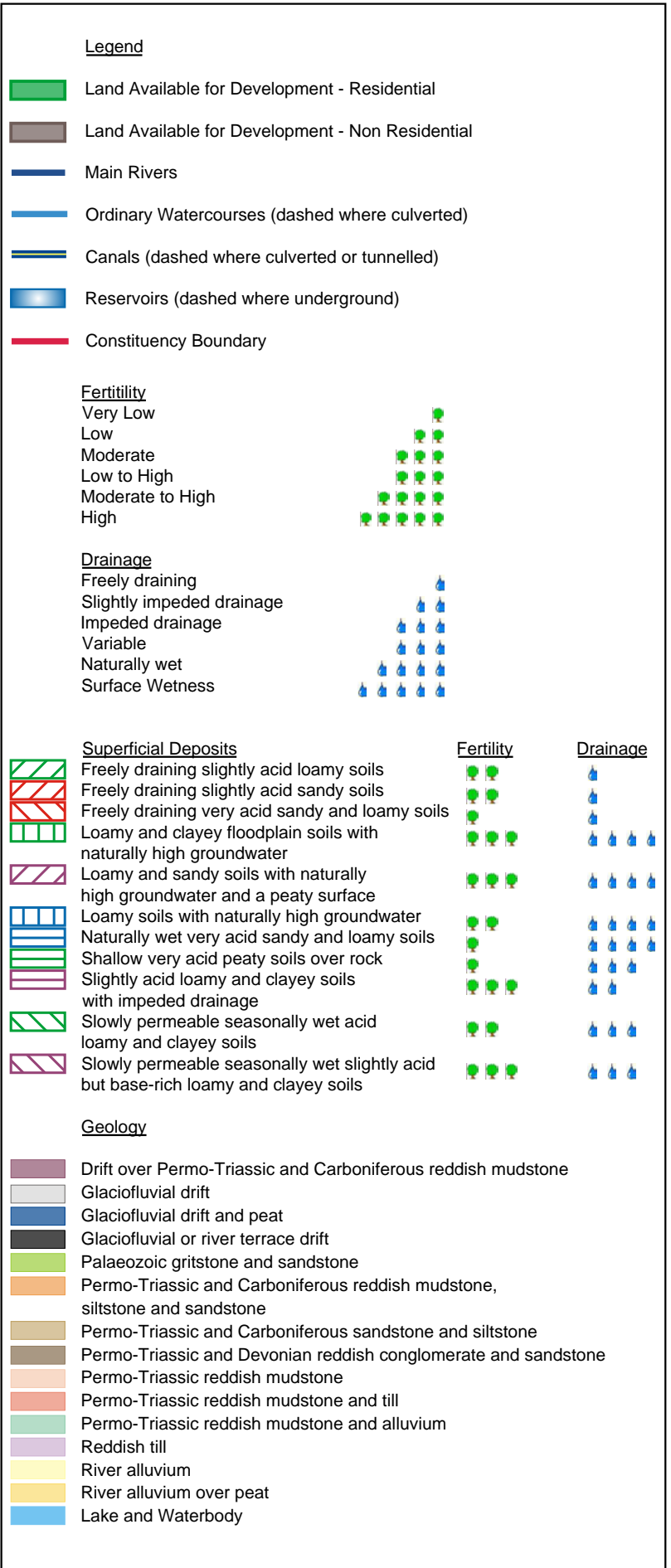
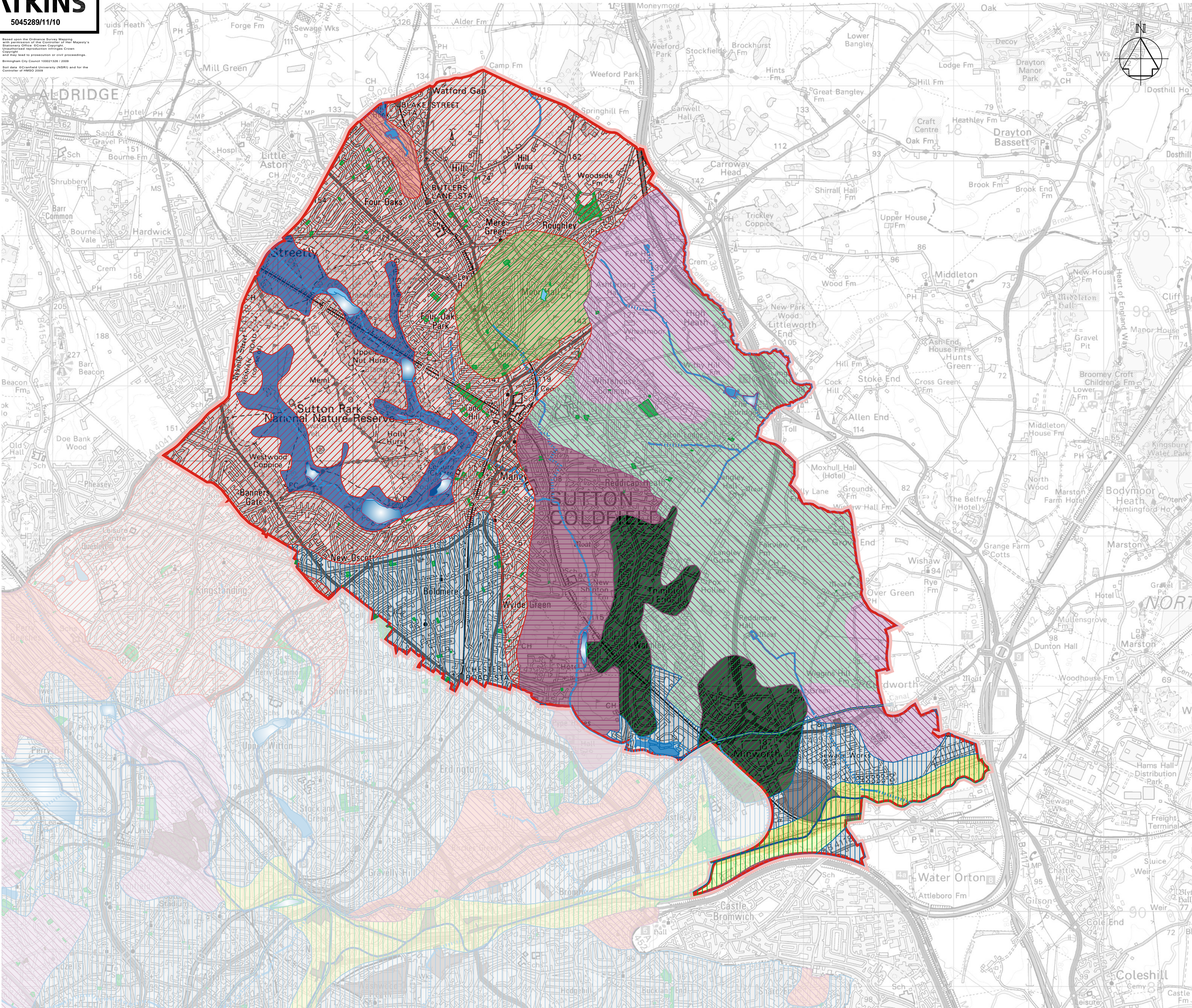
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PROJECT
Strategic Flood Risk Assessment
Level 1

DRAWING TITLE
Locations of Historic Flooding
Sutton Coldfield Constituency

Scales	1 25000	DRAWN PK	CHECKED	CO-ORD CHECK
DATE	24/08/09	DATE	DATE	DATE
0			SHEET A1	PLOT DATE 15/09/09
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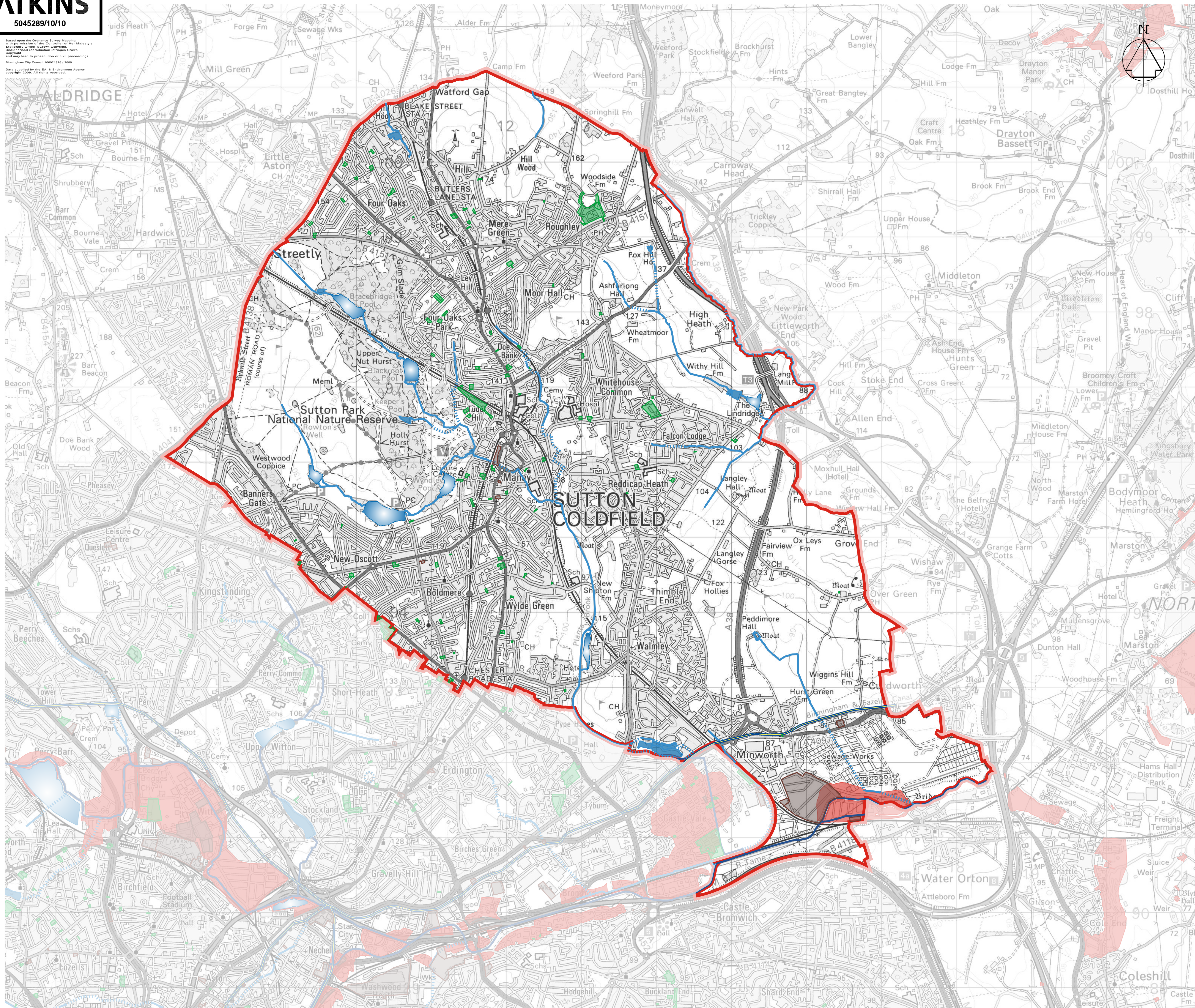
PROJECT

Strategic Flood Risk Assessment
Level 1

DRAWING TITLE

Geology and Superficial Deposits
Sutton Coldfield Constituency

Scales	DRAWN	CHECKED	CO-ORD CHECK
1 25000	PK		
	DATE	DATE	DATE
	24/08/09		
0		SHEET	PLOT DATE
		A1	15/09/09
DRAWING NO			REV



Legend

- Land Available for Development - Residential
- Land Available for Development - Non Residential
- Main Rivers
- Ordinary Watercourses (dashed where culverted)
- Canals (dashed where culverted or tunneled)
- Reservoirs (dashed where underground)
- Constituency Boundary
- Flood Warning Zones

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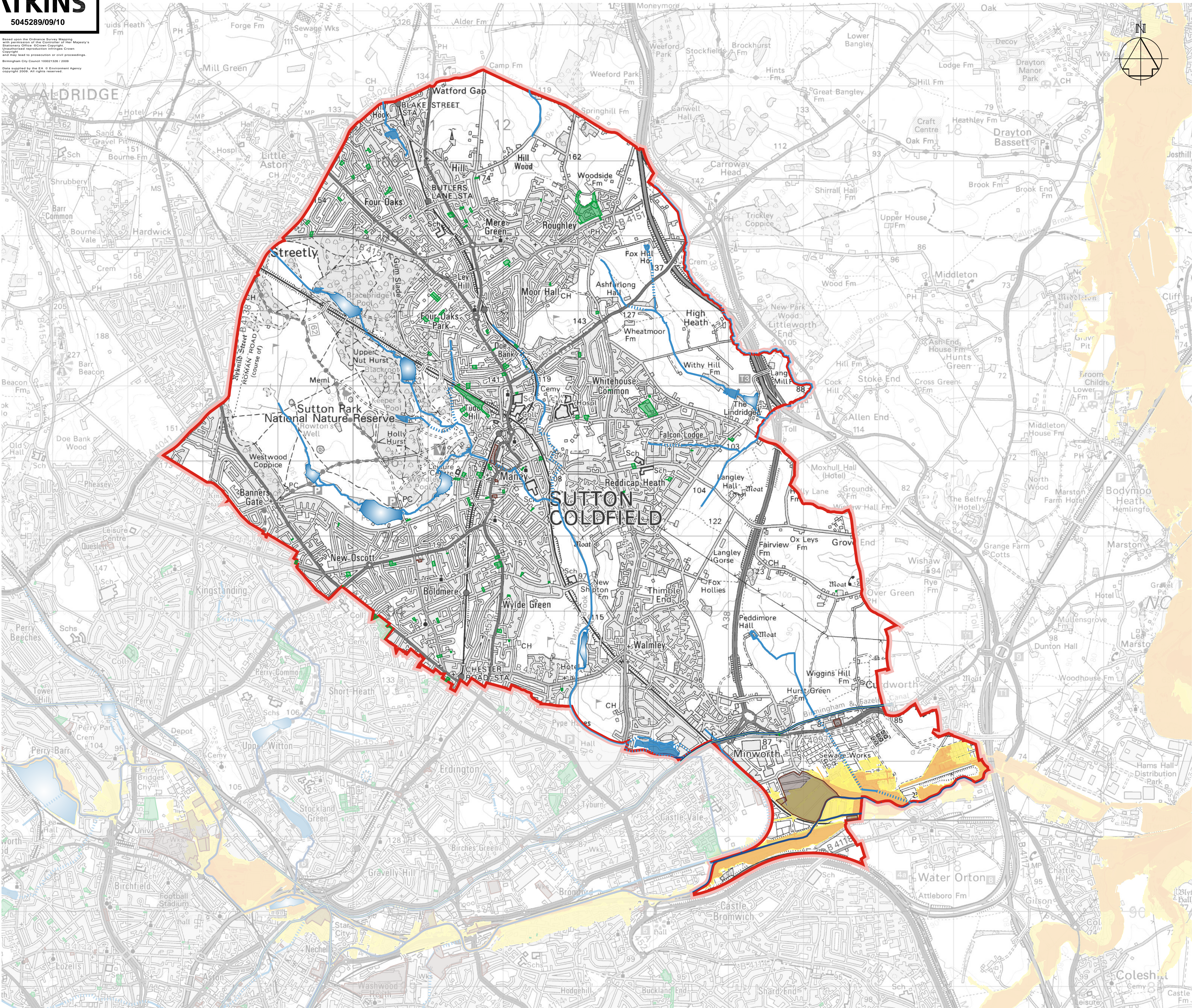
Strategic Flood Risk Assessment
Level 1

DRAWING TITLE

Flood Warning Zones
Sutton Coldfield Constituency

Scales	1 25000	DRAWN	PK	CHECKED		CO-ORD	CHECK	
		DATE	24/08/09	DATE		DATE		
0							SHEET	PLOT DATE
							A1	15/09/09
DRAWING NO								REV

5045289/10/10



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

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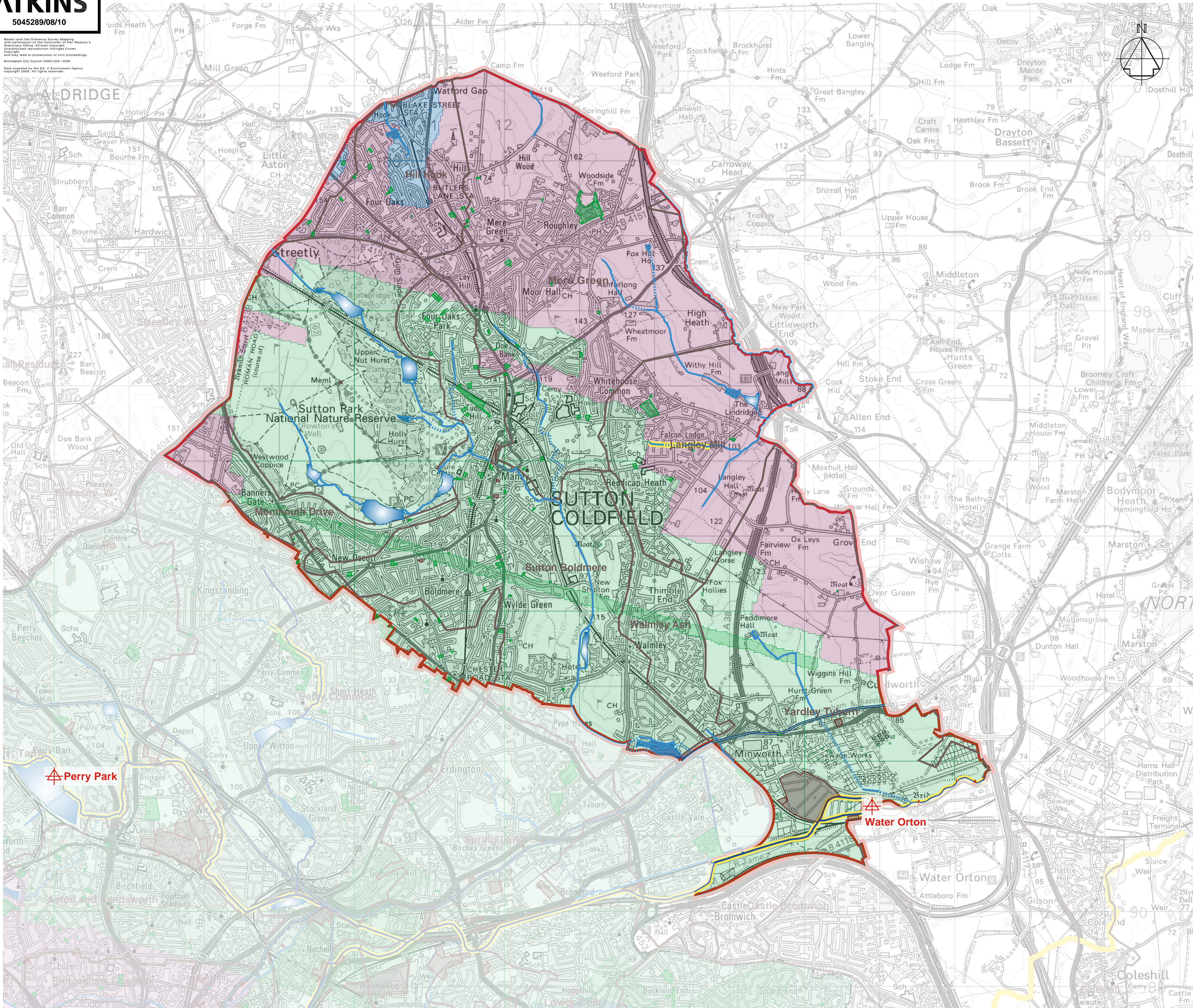
CLIENT **Birmingham City Council**

PROJECT
**Strategic Flood Risk Assessment
Level 1**

DRAWING TITLE
**Climate Change and Functional Floodplain
Sutton Coldfield Constituency**

Scales	1 25000	DRAWN PK	CHECKED	CO-ORD CHECK
DATE	24/08/09	DATE	DATE	DATE
0			SHEET A1	PLOT DATE 16/09/09
DRAWING NO				REV

5045289/09/10



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
- LiDAR Coverage - 1m Resolution
- LiDAR Coverage - 2m Resolution
- LiDAR - No Coverage
- Watercourses Modelled
- DAP Polygons
- Rain Gauge
- Flow Gauge

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PROJECT **Strategic Flood Risk Assessment
Level 1**

DRAWING TITLE **Hydraulic Models and LiDAR Coverage
Sutton Coldfield Constituency**

Scales	DRAWN	CHECKED	CO-ORD CHECK
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	DATE 24/08/09	DATE	DATE

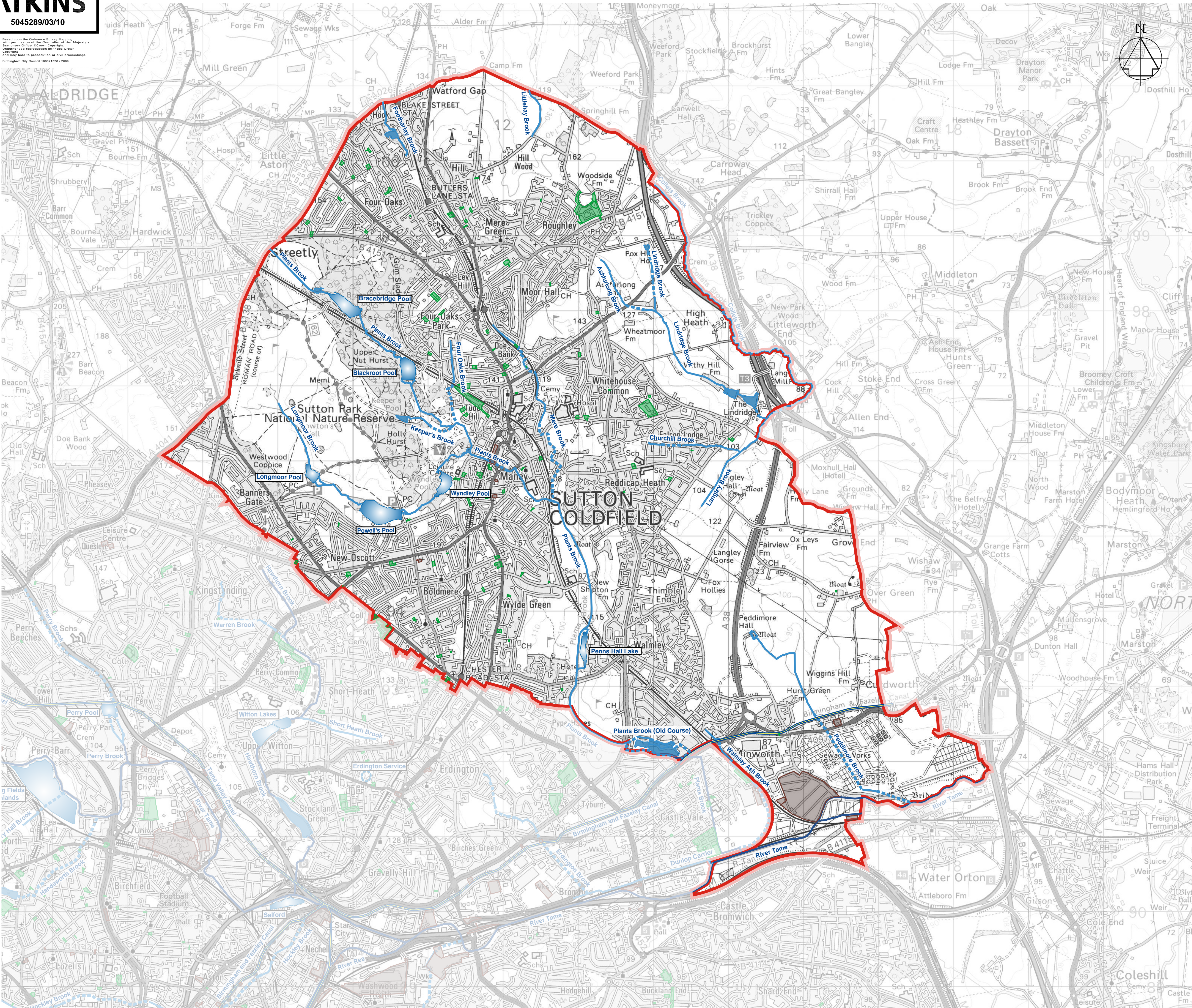
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DRAWING NO 5045289/08/10

SHEET A1

PLOT DATE 15/09/09

REV



Legend

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PROJECT
**Strategic Flood Risk Assessment
Level 1**

DRAWING TITLE
**Water Features
Sutton Coldfield Constituency**

Scales	1 25000	DRAWN	PK	CHECKED		CO-ORD CHECK	
		DATE	24/08/09	DATE		DATE	
0				SHEET A1		PLOT DATE 30/09/09	
DRAWING NO				REV			

5045289/03/10