

Three Rivers District Council

Local Plan

Development Management Policies LDD and Site Allocations LDD

Duty to Cooperate Statement

November 2012



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1.0 Introduction

- 1.1 This statement sets out how Three Rivers District Council has cooperated with other Local Planning Authorities and partner organisations during the preparation of the Development Management Policies and Site Allocations Local Development Documents.
- 1.2 The explanatory notes to the Localism Act state that during ‘...*independent examination of development plan documents local authorities will have to provide evidence that they have complied with the duty [to cooperate] if their plans are not to be rejected by the examiner*’. Consultation Statements for the two Local Development Documents set out, in general terms, how the Council has consulted relevant bodies during the act of plan-making. However, this separate document is provided in order to demonstrate how the Council has fulfilled its duty to cooperate as set out under Section 110 of the Localism Act 2011 (and explanatory notes), Section 33A of the Planning and Compulsory Purchase Act 2004 (as amended) and Part 2 of the Town and Country Planning (Local Planning) (England) Regulations 2012.
- 1.3 The duty to cooperate requires Local Planning Authorities to constructively and actively engage with relevant bodies as part of an ongoing process to maximise effective working on the preparation of Local Development Documents in relation to strategic matters. The National Planning Policy Framework (NPPF) provides further information on these matters, describing them as ‘strategic priorities’ which have a significant impact on at least two planning areas.
- 1.4 The Localism Act 2011 states that a Local Planning Authority must cooperate with other Local Planning Authorities to maximise the effectiveness of plan making. For Three Rivers these are (primarily) the neighbouring Local Planning Authorities.
- 1.5 The 2012 regulations prescribe additional bodies that are subject to the duty to cooperate within a particular planning area. These are:
 - The Environment Agency
 - English Heritage
 - Natural England
 - The Civil Aviation Authorities
 - The Homes and Communities Agency
 - Primary Care Trusts operating within the area (or similar bodies)
 - The Office of Rail Regulation
 - Transport for London and
 - The Highways Authority
- 1.6 In addition, Local Planning Authorities should also have regard to the Local Enterprise Partnership (in Three Rivers case, Hertfordshire LEP) and the Local Nature Partnership (the Hertfordshire Local Nature Partnership) when considering the duty to cooperate.
- 1.7 All the above bodies/organisations have been consulted at the relevant stages and their comments taken into account in the preparation of the Development Management Policies LDD and the Site Allocations LDD.
- 1.8 Although the Development Management Policies LDD and Site Allocations LDD for Three Rivers were largely prepared before this requirement came into effect, they were prepared on the basis of cooperative working with a range of organisations. This report explains how we have cooperated across district boundaries (Appendix 1 is a map showing neighbouring authorities), with other Hertfordshire authorities and other organisations during the preparation of these documents. This information supplements the Consultation Statements produced in relation to Regulation 22(1) c of the Town and Country Planning (Local Planning) (England) Regulations 2012 and is intended to aid the Inspector in consideration of compliance with Section 33A of the Planning and Compulsory Purchase Act 2004 (as amended).

1.9 The following sections summarise the joint working on:

- the Evidence Base
- joint working groups
- other liaison meetings
- meetings on other strategic issues
- future cooperation.

2.0 Joint Studies for Local Plan Evidence Base

2.1 Where there are clear strategic and cross boundary issues, we have undertaken the evidence base studies jointly with other authorities and organisations. These joint studies are summarised in the table below with further detail in Appendix 2:

Table 1: Joint Studies

Housing	Date	Partners
Urban Capacity Study	2005	Dacorum, Three Rivers, Watford
London Commuter Belt (West) Strategic Housing Market Assessment 2008	2008/ 2009	Dacorum, Hertsmere, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC
South West Hertfordshire Strategic Housing Land Availability Assessment	2008	Dacorum, Three Rivers, Watford
An Assessment of the Accommodation Needs of Gypsies and Travellers in South & West Hertfordshire and Stage 2: Identification of potential sites	2005 and 2006	Dacorum, Hertsmere, St Albans, Three Rivers, Watford
Traveller Needs Assessment	2012	Dacorum, Three Rivers
Development Economics Study	2009	Dacorum, Three Rivers, Watford
Environment/Resources		
Hertfordshire Renewable and Low Carbon Energy Technical Study	2010	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC
Scoping Study of Hertfordshire LPA Planning Performance in relation to climate change	2009	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC
Delivering Renewable & Low Carbon Energy Opportunities in Hertfordshire: Opportunities for District Heating	2010	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC
Water Cycle Study – Scoping Study	2010	Dacorum, St Albans, Three Rivers, Watford, Welwyn Hatfield
Meeting Tomorrow's Challenge Today – A Climate Change Strategic Framework for Hertfordshire	Not Date d	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC
Strategic Flood Risk Assessment – Vol.1	2007	Dacorum, St Albans, Three Rivers, Watford
Transport		
Developing Transport Options for the London Arc and Thames Gateway 'Engines of Growth'	2010	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC
HIIS – Transport Technical Report	2009	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC
South West Herts Transport Plan – Review and Action Plan	2008	Hertsmere, Three Rivers, Watford, HCC
Transport Modelling	2012	Three Rivers, Watford, HCC
Employment		
Hertfordshire London Arc Jobs Growth and Employment Land	2009	Broxbourne, Dacorum, Hertsmere, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC, (+ Brentwood & Epping Forest)
London Arc Employment Land Study	2009	Broxbourne, Dacorum, Hertsmere, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC, (+ Brentwood & Epping Forest)
Hertfordshire Strategic Employment Sites	2011	Broxbourne, Dacorum, East Herts, Hertsmere, North

Study		Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC, EEDA
S.W. Herts Employment Space Study	2005	Dacorum, Three Rivers, Watford
S.W. Herts Employment Land Update	2010	Dacorum, Three Rivers
Green Infrastructure, Leisure & Open Space		
Open Space Sport & Recreation Study	2006	Three Rivers, Watford
GreenArc Strategic Infrastructure Plan (with Hertfordshire)	2011	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC
Hertfordshire Infrastructure and Investment Strategy (HIIS)	2009	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC
Community Infrastructure Levy Stage 1 Viability Assessment	2012	Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC

3.0 Joint Working Groups

3.1 Joint working and information sharing is also facilitated by a number of countywide groups and more locally based groups which meet on a regular basis. These include:

3.2 Hertfordshire Infrastructure Planning Partnership (HIPP)

3.3 This group meets quarterly and comprises elected Members, mainly the Planning Portfolio Holders of each Hertfordshire Local Planning Authority. This meeting is chaired by the Portfolio Holder of the Council that is chairing HPG Planning (below). Various planning, infrastructure and investment issues are discussed and direction given to officers. The group works closely with the HPG Planning Group. Strategic issues are also referred to the Local Enterprise Partnership (Hertfordshire LEP). A Herts Coordinator has also been appointed who will be responsible for bringing together and coordinating work across the Hertfordshire Authorities.

3.4 Hertfordshire Planning Group (HPG) Planning

3.5 This group meets quarterly to discuss topical planning items across Hertfordshire. The chair normally rotates on a two year basis and is attended in the main by the various heads of Planning across the County. HCC Planning Officers also attend. Other groups attend on an as needed basis to give occasional presentations. Key items are referred upwards to the HIPP group for further action and decision making.

3.6 HPG Development Plans

3.7 This group meets quarterly to discuss topical planning policy items across Hertfordshire and emerging national planning policy issues. The chair rotates on an annual basis and is attended in the main by various Heads of Planning Policy across the County. HCC Policy Officers also attend. Other groups attend on an as needed basis and to give occasional presentations to the Policy Officers. Key items are often referred upwards to HPG Planning Group for further action and decision making.

3.8 HPG Landscape

3.9 This group meets quarterly to discuss Green Infrastructure matters in Hertfordshire. In addition, a Strategic Green Infrastructure Group has been set up to drive forward projects from the Hertfordshire and Green Arc Green Infrastructure Strategic Highlights Plan (SHIP). A Local Nature Partnership has now also been set up along the lines of the Local Enterprise Partnership.

3.10 Hertfordshire Infrastructure and Investment Strategy (HIIS)

3.11 This reference group was set up to investigate the existing level of infrastructure deficit in Hertfordshire and the future infrastructure needs in the County. The HIIS study reported in

November 2009 and concluded that there is an existing deficit of infrastructure in Hertfordshire amounting to approximately £2 billion and future infrastructure requirements also amounting to a similar £2 billion. The HIIS work is currently being refreshed by Hertfordshire County Council and will also draw on the national infrastructure plan. The refresh will assist with the update to the Infrastructure Delivery Plan for Three Rivers. The HIIS work is now being reported to the CIL Reference Group below.

3.12 Community Infrastructure Levy (CIL) Reference Group

3.13 This officer reference group meets quarterly and takes an overview across the County in infrastructure issues and on the implementation of the Community Infrastructure Levy. The group is currently overseeing the CIL viability assessment project being undertaken by consultants for 8 of the local planning authorities in Hertfordshire. This initial viability assessment will be part of the evidence base for the CIL charging schedules for each authority.

3.14 Building Futures Group

3.15 Commencing in 2004, this group has developed a Hertfordshire Building Futures Guide. Building Futures is a web based resource available to all, providing guidance and assistance on sustainable buildings and sustainable development. The aim is to maintain a regularly updated web based guide which supports the Core Strategy and Development Management Policies on sustainable development. Every two years, a Building Futures awards event is held to recognise the best sustainable buildings and best design of buildings that are developed in Hertfordshire.

3.16 Hertfordshire Information Liaison Group

3.17 This group is held every quarter and discusses monitoring, information and data management matters across the County. This group is attended by monitoring and planning policy officers and the group works closely with the HPG Development Plans Group.

3.18 Built Environment and Management Services (BEAMS)

3.19 Set up in 1993, BEAMS manage conservation matters across the County and provide expertise in conservation and design matters to a number of Hertfordshire authorities, including Three Rivers. BEAMS coordinate a quarterly Conservation Officers Forum which is attended by conservation officers from Hertfordshire and Bedfordshire as well as officers from English Heritage, concerning built heritage conservation in Hertfordshire.

3.20 Hertfordshire Economic Development Officers Group (HEDOG)

3.21 Reinvigorated in August 2011, this group is a meeting of Hertfordshire District Economic Development Officers (EDOs) for networking and best practice sharing. It is also a forum for EDOs to discuss other strategic issues such as the Local Enterprise Partnership and engagement with the County Council's Economic Development Unit. The group meets bi-monthly and members of the LEP Executive have attended these meetings to provide updates on progress.

3.22 Local Enterprise Partnership

3.23 The Government see Local Enterprise Partnerships (LEPs) as providing the clear vision and strategic leadership to drive sustainable private sector led growth and job creation in their area. Three Rivers District Council's cooperation with the LEP is largely through HEDOG (mentioned above). The LEP has established 4 sub-groups around:

- **Enterprise and Innovation** to progress cluster based work, social enterprise, business incubation and business engagement actively initiated by Herts Works.
- **Skills and Employment Board** to better address the skills needs of employers.

- **Strategic Infrastructure** to build on existing activity such as strategic employment sites and broadband provision but take more of a strategic role in determining the key infrastructure requirements for Hertfordshire.
- **Investment and Advocacy** to bring together the current inward investment activity, tourism and lobbying and advocacy activity to better manage the promotion and marketing of Hertfordshire to key audiences such as potential investors and central Government.

3.24 Housing and Regeneration Initiative (HARI)

3.25 This group meet quarterly to discuss strategic housing delivery and regeneration issues across the two authorities of Three Rivers and Watford. Recent cooperation involved the jointly managed preparation of our Local investment Plans (LIPs) for the Homes and Community Agency (HCA). This is a key group to discuss affordable housing and social housing issues in the local area.

3.26 Transport Liaison Groups

3.27 There are various joint working groups between Hertfordshire County Council, Watford Borough Council, Three Rivers and Hertsmere. These include the Transport and Access Partnership, STIBlet and South West Herts Partnership. These groups discuss key strategic transport issues, delivery of major schemes for the integrated programme of highway works, allocation of Section 106 funds and other items. There is also a Section 106 Three Rivers Officer Steering Group which meet with the County Council on a quarterly basis to discuss Section 106 monies and large transport schemes.

4.0 Liaison Meetings with Neighbouring Authorities and Other Organisations

4.1 In addition to the joint studies undertaken as detailed in paragraph 2.1 neighbouring authorities have also attended Cross Boundary and Duty to Cooperate Meetings at which a number of issues of joint interest were discussed. The following table details the authorities that attended each meeting.

Table 2: Liaison Meetings

Date of Meeting	Venue	Attendees	Topics Discussed
23/4/2009	TRDC	TRDC, LB Harrow, LB Hillingdon, Chiltern DC, South Bucks DC	Progress on Local Plans, regional/strategic issues, potential cross boundary issues, potential for future joint working.
26/10/2009	Dacorum BC	Dacorum BC, TRDC HCC Property Services HCC Children, Schools & Family	Education provision, CIL update, Adult Care Services
3/05/2012	TRDC	TRDC HCC Waste	Progress of Local Plan Documents, NPPF Issues, TRDC representation on Pre submission Waste Site Allocations Document, Progress on evidence base studies, Minerals Plan update.
24/05/2012	TRDC	TRDC, Dacorum BC, St Albans City & District Council, Watford BC	Gypsy & Traveller Accommodation Needs Assessment, new Planning

		Hertsmere BC	for travellers policy and joint working
16/07/2012	TRDC	TRDC London Borough of Hillingdon London Borough of Harrow Dacorum BC Watford BC Chiltern District Council Hertsmere BC St Albans City & District	Up date on all LPA's LDDs, Housing Targets, Cross Boundary Issues, Gypsy & Travellers, Neighbourhood Plans, infrastructure, Education provision, future meetings.
27/09/2012	Watford BC	TRDC Watford BC Hertsmere BC	Duty to Cooperate, Local Plan updates, Housing Evidence updates, Gypsy & Traveller issues, Green Belt, Employment and Retail Issues, major Projects update, CIL, Evidence base Studies, Education provision, Climate Change

4.1 Watford Borough Council (WBC)

4.2 We have regular meetings and ongoing communications with WBC on joint matters and cross border site issues. We recently cooperated on the LDF Transport Modelling joint project across the two planning areas. Regular communications take place on other joint matters such as school provision, strategic housing, retail and hotel/leisure provision issues in the vicinity of our joint boundary. Duty to Cooperate Meetings were also attended on 16 July 2012 and 27 September 2012 at which a number of issues of joint interest were discussed.

4.3 Dacorum Borough Council (DBC)

4.4 We have regular meetings and ongoing communications with DBC on joint matters and cross border site issues. We recently cooperated on the Travellers Needs Assessment and regular communications take place on other joint matters such as school provision, strategic housing, retail and hotel/leisure provision issues in the vicinity of our joint boundary. A Duty to Cooperate Meeting was also attended on 16 July 2012 at which a number of issues of joint interest were discussed.

4.5 Hertsmere Borough Council (HBC)

4.6 We have regular meetings and regular communications with Hertsmere on joint matters. Meetings were attended on 16 July 2012 and 27 September 2012 at which a number of issues of joint interest were discussed.

4.7 St Albans City and District Council

4.8 We have regular meetings and communications with St Albans City & District Council on joint matters. Meeting were attended on 24 May 2012 and 16 July 2012 at which a number of issues of joint interest were discussed.

4.9 Hertfordshire County Council (HCC)

4.10 As HCC are the education authority there have been on going meetings to discuss new school requirements arising from development and possible locations to meet this need over the last three years, which informed our Core Strategy and the Site Allocations LDD.

- 4.11 As transport authority there are regular Transport Liaison Meetings (see paragraph 3.26) and most recently the Councils have worked jointly (and with Watford BC) on Transport Modelling for the Site Allocations LDD (see Table 1).
- 4.12 As strategic planning authority we liaise with the County Council through many of the joint working groups set out above.
- 4.13 Hertfordshire County Council are the Minerals and Waste Planning Authority and we took part in consultation on the Minerals and Waste DPDs.
- 4.14 Other Adjoining Authorities
- 4.15 Representatives from London Borough of Harrow, London Borough of Hillingdon, South Bucks District Council and Chiltern District Council have been invited to and attended meetings to discuss cross boundary issues and other strategic planning matters. (See Table 2). We have also taken part in consultations on all planning documents. Representations received from all neighbouring authorities have been taken into account.
- 4.16 The Environment Agency
- 4.17 Throughout the plan making process regular meetings were held with the Environment Agency on the following dates:
- 5 March 2010
 - 9 February 2011 and
 - 28 August 2012.
- 4.18 These meeting were to discuss issues of interest such as flooding and contamination issues, Flood Risk Zones and to ensure policies in our planning documents were in compliance with the aims of the Environment Agency.
- 4.19 The Environment Agency has been consulted at every stage of the plan preparation and sustainability appraisal process. Changes were made to the Development Management Policies LDD and to the Site Allocations LDD as a result of these meetings and representations made.
- 4.20 The Environment Agency was also a member of the Steering Group for the Water Cycle Study-Scoping Study.
- 4.21 Homes and Communities Agency
- 4.22 Quarterly meetings with the Homes and Communities Agency (HCA) are held and have resulted in the productions of our Local Investment Plan alongside Watford BC.
- 4.23 English Heritage
- 4.24 English Heritage has been consulted at every stage of the plan preparation process. Changes were made to the Development Management Policies LDD as a result of representations made. Further information on the changes made is included in the Consultation Statements.
- 5.0 Infrastructure Delivery Plan**
- 5.1 The preparation and the subsequent annual update of the Three Rivers' Infrastructure Delivery Plan (IDP) demonstrate close working and cooperation between Three Rivers DC and infrastructure providers. The IDP seeks to establish what additional infrastructure is required to support the planned increase in new homes and jobs and the projected population growth within the District. It includes a review of existing provision for social infrastructure (such as health and education facilities), physical infrastructure, (such as transport and utilities) and green

infrastructure, (such as parks and open spaces). The IDP provides an analysis of the nature of future provision, and where known, where it will be provided, when it will be provided, how it will be funded.

5.2 The IDP has been informed by information from and consultation with a range of County and District Services, (such as education, libraries, highways etc), the Local Strategic partnership and infrastructure providers external to the Council such as the:

- Local Strategic Partnership
- Primary Care Trust (West Herts PCT and the WatCom Estates Plan)
- Hertfordshire Police Authority
- Hertfordshire Fire & Rescue Services
- Transport for London and Hertfordshire County Council (in relation to Croxley Rail Link)
- Highways Agency
- Thames Water Utilities
- Affinity Water (previously known as Veolia Water)
- National Grid
- UK Power Networks

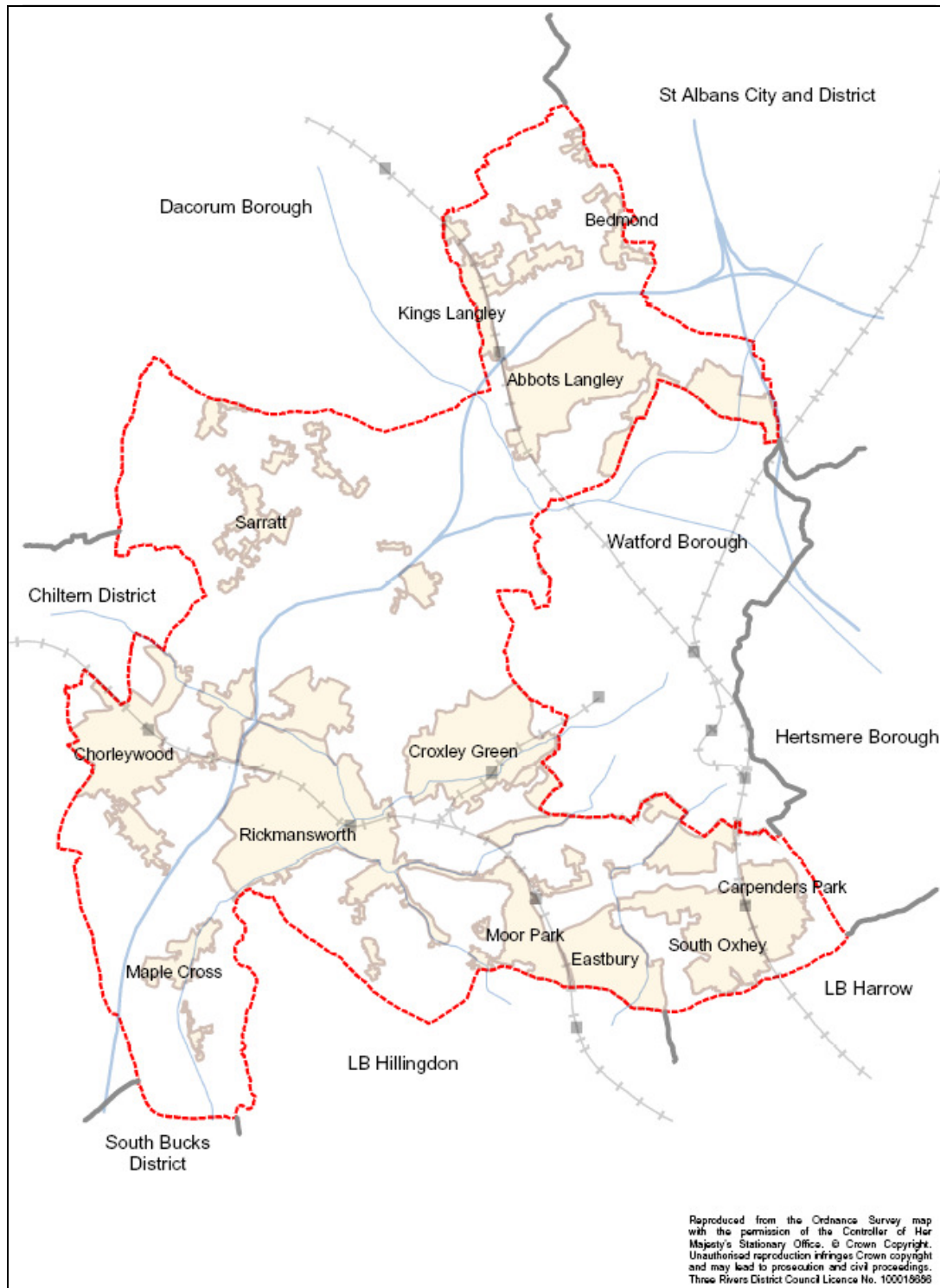
5.3 The methodology was developed using guidance from the Communities and Local Government (CLG), the Planning Advisory Service (PAS) and other best practice guidance. The IDP was produced by the Council in consultation with the service providers listed above. The methodology used involved the identification of relevant agencies/bodies providing infrastructure and seeking a representative from each. An analysis was then undertaken of the relevant strategies and plans of each provider to establish the capital infrastructure projects that were being planned. Workshops and meetings were also held with the infrastructure providers. Where this was not possible telephone and email conversations took place.

5.4 The aims of this initial engagement were to establish existing infrastructure capacity as well as future requirements to accommodate the levels of growth being proposed. Providers were asked how future provision is planned and delivered and what standards are used to assess future needs. This engagement also sought to inform providers of the spatial strategy contained within the Core Strategy so that they were aware of this in planning future infrastructure and developing their strategies and programmes.

6.0 Future Cooperation

6.1 The Council will continue to constructively and actively engage with all the relevant bodies as part of the plan preparation process. The types of cooperation set out in this paper will continue and strengthen given the new Duty to Cooperate and the resulting increasing emphasis being put on this Duty by all authorities in the County and neighbouring authorities at the current time.

APPENDIX 1 District Boundary and Neighbouring Authorities



APPENDIX 2 Joint Studies for Local Plan Evidence Base

Study/Topic (Consultant)	Purpose	Date	Partners	Rationale
HOUSING				
Urban Capacity Study (Llewelyn Davies, Atisreal, Weatheralls)	To estimate the potential for providing new homes in the built up areas of the three authorities.	Jan 2005	Dacorum, Three Rivers, Watford	Share the same housing market
London Commuter Belt (West) Strategic Housing Market Assessment 2008 (ORS)	Identify nature & level of current housing demand including affordable housing.	2008 /9	Dacorum, Hertsmere St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC	Share the same housing market
South West Hertfordshire Strategic Housing Land Availability Assessment (Tribal Urban Studio, Atisreal)	To estimate available housing potential across the three council areas.	Oct 2008	Dacorum, Three Rivers, Watford	Share the same housing market
An Assessment of the Accommodation Needs of Gypsies and Travellers in South & West Hertfordshire (CURS)	To assess future accommodation needs of Gypsies and Travellers.	April 2005	Dacorum, Hertsmere St Albans, Three Rivers, Watford	
Accommodation Needs of Gypsies & Travellers in South & West Hertfordshire Stage 2: Identification of potential sites (Scott Wilson)	To identify potential sites in the study area.	Sept 2006	Dacorum, Hertsmere St Albans, Three Rivers, Watford	
Traveller Needs Assessment (ORS)	To assess future accommodation needs of Gypsies, Travellers & Travelling Showpeople	2012	Dacorum, Three Rivers	
Development Economics Study (Three Dragons)	To enable informed decisions relating to the provision of affordable housing and allocation of land.	2009	Dacorum, Three Rivers, Watford	Share the same housing market
ENVIRONMENT/RESOURCES				
Hertfordshire Renewable and Low Carbon Energy Technical Study (AECOM)	To identify opportunities for planning policy to support the reduction of CO2 emissions from residential/ non domestic buildings.	July 2010	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC	County wide study
Scoping Study of Hertfordshire LPA Planning Performance in relation to climate change (AECOM)	Assesses performance towards meeting CO2 reduction targets and the wider climate change agenda on mitigation and adaption.	Sept 2009	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC	County wide study
Delivering Renewable & Low Carbon Energy Opportunities in Hertfordshire: Opportunities for District Heating (ORS)	High level assessment of potential localities which could support a district heating scheme.	Aug 2010	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC	County wide study
Water Cycle Study – Scoping Study (Hyder Consulting)	Assess capacity of water infrastructure.	April 2010	Dacorum, St Albans Three Rivers, Watford, Welwyn	Study area covered by four river catchments.

			Hatfield	
Meeting Tomorrow's Challenge Today – A Climate Change Strategic Framework for Hertfordshire (Hertfordshire Forward, HCC)	Sets out a climate change strategy for all partners in Hertfordshire.	Not Date d	Broxbourne, Dacorum, East Herts Hertsmere, North Herts, St Albans Stevenage, Three Rivers, Watford Welwyn Hatfield, HCC	County wide strategy
Strategic Flood Risk Assessment – Vol.1 (Halcrow Group Ltd.)	Assess and map all forms of flood risk taking into account future climate change predictions.	Aug. 2007	Dacorum, St Albans Three Rivers. Watford	Area covered by catchment area of the Colne, Lee and Thames.
TRANSPORT				
Developing Transport Options for the London Arc and Thames Gateway 'Engines of Growth' (Steer Davies Gleave)	Relates to East of England DaSTS study and concerned with delivering a Sustainable Transport System.	June 2010	Broxbourne, Dacorum, East Herts Hertsmere, North Herts, St Albans Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC	Sub region identified in East of England Plan
HIIS – Transport Technical Report (URS)	To identify transport infrastructure and costs as a result of targeted RSS growth to 2031.	Nov. 2009	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn, Hatfield, HCC	County wide strategic approach
South West Herts Transport Plan – Review and Action Plan (Herts Highways)	To produce a refreshed Transport Plan for South West Hertfordshire.	Nov. 2008	Hertsmere, Three Rivers, Watford, HCC	Relates to SW Hertfordshire includes Three Rivers, Watford and the SW part of Hertsmere.
Transport Modelling (Steer Davies Gleave)	Transport modelling to 2026.	Jan. 2012	Three Rivers, Watford, HCC	Uses S.W. Herts SATURN Highway model, covers much of Three Rivers, all of Watford and a part of Hertsmere.
EMPLOYMENT				
Hertfordshire London Arc Jobs Growth and Employment Land (Roger Tym & Partners)	Provide sub regional overview of future requirements for employment land in the plan period to 2021.	Mar2 009	Broxbourne, Dacorum, Hertsmere, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC, (+ Brentwood & Epping Forest)	London Arc sub region as defined in the RSS, East of England Plan.
London Arc Employment Land Study (Roger Tym & Partners)	Considered the employment land requirements in the sub region.	Mar2 009	Broxbourne, Dacorum, Hertsmere, St Albans, Three Rivers, Watford, Welwyn Hatfield, HCC, (+ Brentwood & Epping Forest)	London Arc sub region as defined in the RSS, East of England Plan.
Hertfordshire Strategic Employment Sites Study (Regeneris Consulting, GL Hearn, WSP Group & John Rutherford Consulting)	Considered scenarios for growth and identified and assessed strategic employment sites.	April 2011	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC, EEDA	County wide study
S.W. Herts Employment Space Study (Roger Tym & Partners, Lambert Smith)	Forecast requirement for employment land over plan period,	Jan. 2005	Dacorum, Three Rivers, Watford	

Hampton)	audit current supply & consider policy implications.			
S.W. Herts Employment Land Update (Roger Tym & Partners, Lambert Smith Hampton)	Take stock of existing employment land situation and identify future employment land requirements to 2026 and beyond.	June 2010	Dacorum, Three Rivers	
GREEN INFRASTRUCTURE, LEISURE & OPEN SPACE				
Open Space Sport & Recreation Study (KKP)	To determine quality and quantity of existing facilities and determine any shortfall.	2006	Three Rivers, Watford	
GreenArc Strategic Infrastructure Plan (with Hertfordshire) (Land Use Consultants)	Provide overview of existing strategic green infrastructure and considers opportunities for enhancement and creation of green infrastructure.	Mar 2011	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC	
DELIVERY				
Hertfordshire Infrastructure and Investment Strategy (HIIS) (Atkins, Roger Tym and Partners & URS)	Provide an assessment of Hertfordshire's future infrastructure requirements and the identification of funding mechanisms. Infrastructure to support growth in homes and jobs to 2021 but also with consideration to period up to 2031.	Oct. 2009	Broxbourne, Dacorum, East Herts, Hertsmere, North Herts, St Albans, Stevenage, Three Rivers, Watford, Welwyn Hatfield, HCC	County wide strategic approach
Community Infrastructure Levy Stage 1 Viability Assessment (LSH)	Viability evidence for individual charging schedules	2012	Dacorum, East Herts, Hertsmere, North Herts, St Albans, Three Rivers, Watford. Welwyn Hatfield, HCC	