



Gravity

Smart Campus

Gravity EIA Scoping Report

Chapter 1-6

Appendix G – Adjacent Development Table

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

This Table comprises committed developments and sites allocated in the Sedgemoor Local Plan 2011-2032 for sites with the potential to give rise to significant cumulative effects within 3km of the Site and for major schemes and allocated sites within 5km of the Site.

Allocations relating to land allocated Formal and Informal Recreational Outdoor Space have been omitted on the basis that retention of these Open Spaces will not affect the baseline. Smaller sites, for example, single dwellings, have also be omitted.

ID	Application Reference	Local Planning Authority	Distance from Gravity Smart Campus	Description of development	Status	Approval Date	Address	Scoped in?
1	42/20/00014 ¹	SDC	0.5km	Outline application with some matters reserved for the erection of up to 120 dwellings with public open space, structural planting and landscaping, surface water flood mitigation and attenuation, and vehicular access point from Woolavington Road (all matters reserved except access)	Not yet determined	N/A	Land to the South of, Woolavington Road, Puriton, Bridgwater, Somerset, TA7	✓
2	54/18/00008 ²	SDC	1.24km	Outline planning application with some matters reserved for the erection of up to 125 dwellings with public open space, landscaping, sustainable drainage system (SuDS), formation of vehicular access and offsite improvements to the A39/ B3141 Woolavington Hill junction.	Appeal now withdrawn	N/A	Land North Of, Cossington Lane, Woolavington, Bridgwater, TA7	✗
3	54/19/00008 ³	SDC	1.47km	Hybrid (full and outline) application. Full application for the erection of 100 dwellings including 30 affordable homes and associated infrastructure. Outline application with some matters reserved for the erection of up to 75 dwellings and associated infrastructure.	Not yet determined – resolution to grant at committee subject to S106	N/A	Land At, Woolavington Hill, Woolavington, Bridgwater, Somerset	✓

¹ https://www.sedgemoor.gov.uk/planning_online?action=GetDetails&app=42/20/00014&p=Puriton

² https://www.sedgemoor.gov.uk/planning_online?action=GetDetails&app=54/18/00008&p=Woolavington

³ https://www.sedgemoor.gov.uk/planning_online?action=GetDetails&app=54/19/00011&p=Woolavington

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

4	54/20/00009 ⁴	SDC	1.24km	<p>RESUBMISSION OF 54/18/00008 WHILE AT APPEAL</p> <p>Outline planning application with some matters reserved for the erection of up to 125 dwellings with public open space, landscaping, sustainable drainage system (SuDS), formation of vehicular access and offsite improvements to the A39/ B3141 Woolavington Hill junction.</p>	Not yet determined (resubmission of 54/18/00008 while at appeal – see (2) above)	N/A	Land North Of, Cossington Lane, Woolavington, Bridgwater, Somerset, TA7	✓
5	54/19/00011 ⁵	SDC	0.74km	<p>Outline application with some matters reserved, for the demolition of stable buildings and the erection of up to 95 dwellings with public open space, landscaping, and sustainable drainage system (SuDS), vehicular access point from Woolavington Road and the erection of a double garage with associated access at Westfield Farm.</p>	Appeal now withdrawn	N/A	Land at, Woolavington Road, Woolavington, Bridgwater, Somerset, TA7	✗
6	54/20/00010 ⁶	SDC	0.74km	<p>RESUBMISSION OF 54/19/00011 WHILE AT APPEAL</p> <p>Outline application with some matters reserved, for the demolition of stable buildings and the erection of up to 95 dwellings with public open space, landscaping, and sustainable drainage system (SuDS), vehicular access point from Woolavington Road and the erection of a double garage with associated access at Westfield Farm</p>	Not yet determined (resubmission of 54/19/00011 while at appeal – see (5) above)	N/A	Land at, Woolavington Road, Woolavington, Bridgwater, Somerset, TA7	✓
7	04/19/00003	SDC	1.75km	<p>Erection of 4 classrooms, a multipurpose hall with catering facilities, 28 residential dormitories and ancillary accommodation and a central plant room. Provision of a car and coach parking area, structured hard landscaping and soft landscaping including planting of vegetation</p>	Approved but not yet implemented	23/09/2019	Knowle Hall, Bath Road, Bawdrip, Bridgwater, Somerset, TA7 8PJ	✗

⁴ https://www.sedgemoor.gov.uk/planning_online?action=GetDetails&app=54/20/00009&p=Woolavington

⁵ https://www.sedgemoor.gov.uk/planning_online?action=GetDetails&app=54/19/00011&p=Woolavington

⁶ https://www.sedgemoor.gov.uk/planning_online?action=GetDetails&app=54/20/00010&p=Woolavington

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

8	42/18/00016 and 42/19/00015	SDC	1.86km	<p>Hybrid (full and outline) application for the erection of a petrol filling station, formation of access, ancillary roads, and drainage. Outline application with all matters reserved for Use Class B2 development.</p> <p>Variation of Condition 2 of Planning Permission Application No. 42/18/00016 (Hybrid (full and outline) application for the erection of a petrol filling station, formation of access, ancillary roads, and drainage. Outline application with all matters reserved for Use Class B2 development.) to replace car wash building with four jet wash bays consisting of two bays with domed roof and two bays with just side screens.</p>	<p>Full - Completed</p> <p>Outline - Under Construction</p>	03/09/2019	Land North West of Dunball Roundabout West Of, Bristol Road, Dunball, Bridgwater, Somerset	x
9	42/20/00022	SDC	0.0km	Proposed Village Enhancement Schemes associated with Gravity, to include traffic calming features within and between the villages of Puriton and Woolavington, new and improved footway and crossing facilities, a multi-user route between the two villages including soft landscaping and associated infrastructure.	Approved but not yet implemented	30/10/2020	Gravity, Woolavington Road, Puriton, Bridgwater, Somerset	x
10	42/20/00034	SDC	1.86km	The erection of a hotel, employment units (for flexible use between Classes E(g), B2, B8 and trade counter) and two substations, access, car parking, landscaping, and other associated works	Not yet determined	N/A	Adjacent to A38 And North of Dunball Roundabout, Puriton, Bridgwater, Somerset, TA6	x
11	42/18/00003	SDC	1.89km	Erection of a two-storey restaurant with associated drive-thru, car parking, landscaping and associated works and the installation of 2no. customer order displays and associated canopies.	Approved but not yet implemented	15/10/2018	Land to The South Of, Dunball Mill, Dunball Industrial Estate, Dunball, Bridgwater	x

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

12	42/18/00014 and 42/20/00024 and 42/20/00031	SDC	1.7km	Hybrid application (full and outline) seeking; (a) full planning permission for the erection of a petrol filling station (PFS) with an ancillary A1 / A5 use and 2no. drive thru units with associated car parking, circulatory routes, landscaping, access (including internal roads), servicing and other associated works and (b) outline application with some matters reserved for Use Classes B1, B2, B8 and trade counter (Sui Generis)	Approved but not yet implemented	14/11/2019	Adjacent to A38 And North of Dunball Roundabout, Puriton, Bridgwater, TA6	x
13	54/15/00014	SDC	1.2km	Change of use from touring caravan site to touring and static caravan holiday park	Approved but not yet implemented	27/10/2015	Land to the South of, Novamere, The Causeway, Woolavington, Bridgwater, TA7 8DN	x
14	09/18/00010	SDC	3.34km	Approval of reserved matters, for residential development of 163no. dwellings on Parcel A (Phase 3).	Approved – and currently under construction	16/10/2018 Outline 09/08/00017 granted 02/07/2010	Land Off A38, Bristol Road and A39, Bath Road and Bounded by M5 Motorway and Railway Line, Bristol Road, Bridgwater	x
15	09/19/00004	SDC	2.93km	Outline consent with all matters except access reserved for a mixed-use development to provide up to 57 dwellings, retail uses (A1-5), engineering works (including ground modelling), demolition, car parking and all associated infrastructure (including cycle/ pedestrian connections and services provision) with appearance, landscaping, layout, and scale reserved.	Approved but not yet implemented	26/11/2020	Land to the West of, Kings Road, Bridgwater	x

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

16	09/19/00011	SDC	3.0km	Approval of reserved matters, for the erection of 148 dwellings with associated landscaping, parking/garages, and infrastructure.	Approved and currently under construction.	08/10/2020 Outline 09/08/00017 granted 02/07/2010	Land South of Little Sydenham Farm, Horsey, Bridgwater, Somerset	x
17	09/20/00019	SDC	5.0km	Approval of the details of appearance, landscaping, layout and scale, for the erection of 260 dwellings with associated roads, footways, parking, drainage, open space and landscaping; pursuant to outline planning permission 09/17/00031.	Approved but not yet implemented	Outline 09/17/00031 granted 01/05/2020	Bower Farm, Bower Lane, Bridgwater, TA6 4TY	x
18	09/20/00021	SDC	2.71km	Approval of the details of appearance, landscaping, layout and scale, for the erection of 80no. affordable dwellings.	Approved but not yet implemented.	Outline 09/19/00001 granted 10/10/2019	Land to the East of, Kings Road, Bridgwater	x
19	09/12/00011 and 09/16/00018 and 09/17/00005	SDC	3.04km	Application to replace extant planning permission 09/08/00011 to extend the time limit for implementation of: Erection of an extension to NW elevation to form additional sales area and garden display area, installation of mezzanine level to form staff facilities, use of existing building as storage warehouse, formation of external storage and additional car parking area	Approved but not yet implemented	05/07/2012	Mole Valley Farmers, Bath Road, Horsey, Bridgwater, TA7 8PE	x
20	09/18/00040	SDC	3.59km	Hybrid application. Full details of Special Educational Needs (SEN) school on northern part of site including hard and soft landscaping, play areas, surface water attenuation, noise bund, fences and parking. Outline details for up to 38 dwellings on southern part of site. Alterations to Bower Lane to provide access.	Under construction – School complete	17/05/2019	Land to the South East of, Bridgwater Community Hospital, Bower Lane, Bridgwater, TA6 4TT	x
21	09/20/00024	SDC	3.5km	Erection of a single storey extension to endoscopy unit.	Approved but not yet implemented	13/01/2021	Bridgwater Community Hospital, Bower Lane, Bridgwater, TA6 4GU	x

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

22	09/17/00023 as varied by 09/18/00039	SDC	2.11km	Erection of a five storey building (excluding a roof level plant enclosure) to form a 123 bedroom hotel and associated infrastructure, access, landscaping and parking. Variation of Condition 2 of Planning Permission 09/17/00023 (Erection of a five storey building (excluding a roof level plant enclosure) to form a 123 bedroom hotel and associated infrastructure, access, landscaping and parking) to revise the design of the hotel and to increase the number of bedrooms to 144	Under construction	09/11/2017	Woodlands Court Business Park, Bristol Road, Bridgwater	x
23	09/20/00017	SDC	2.24km	Proposed employment development comprising the erection of 3no. buildings (Use Class B1, B2 and B8) and all associated ground, site levels, parking, access and engineering, landscaping and drainage works.	Approved but not yet implemented	N/A	Land to The North of The Express Business Park, Bristol Road, Bridgwater, Somerset, TA6	x
24	25/19/00018	SDC	2.33km	Approval of reserved matters for appearance, landscaping, layout and scale for the erection of 40 No. dwellings (outline application 25/17/00053). Additional details also submitted for Ecology, Arboriculture and Drainage.	Not yet implemented	Outline 25/17/00053 granted 28/02/2019	Land at, New Road, East Huntspill, Highbridge, Somerset, TA9	x
25	08/13/00163	SDC	5.0km	Erection of 200 dwellings, (40, two bedroom, 64, three bedroom, 8, four bedroom dwellings, 64, two bedroom and 24, one bedroom apartments contained within 8 four storey buildings) formation of parking, landscaping and play areas, widen existing access via Bristol Road to include demolition of 174 Bristol Road and alterations to the access at Lower Bath Road.	Under Construction	25/08/2015	Former Bridgwater Cattle Market, Bath Road, Bridgwater	x
26	08/14/00037	SDC	4.0km	Demolition of existing buildings, erection of four storey building to form 37 retirement apartments, communal facilities and car parking	Implemented	06/01/2015	Bridgwater Police Station, Northgate, Bridgwater, TA6 3EU	x

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27	52/19/00001	SDC	5.0km	Hybrid (full and outline) application for the erection of 171 dwellings together with associated infrastructure, including provision of roundabout and public open space and seeking outline permission with all matters reserved for the erection of a primary school	Not yet implemented	12/04/2021	Land At, Brue Farm, Huntspill Road, Highbridge, Somerset, TA9 3DE	x
28	41/13/00010	SDC	4.1km	Erection of 27 residential units (11 two bedroom homes, 2 one bedroom flats, 12 three bedroom homes and 2 four bedroom homes), formation of access	Implemented	20/06/2014	Land at, Chapel Road, Pawlett, Bridgwater	x
29	20/14/00005	SDC	5.0km	Erection of 58 dwellings and building to form 14 commercial units (use class B1 and B8), demolition of existing structures	Implemented	13/03/2015	Land at, Former Brickworks, Straight Drove, Chilton Trinity, Bridgwater	x
31	08/13/00133	SDC	5.0km	Erection of 37 dwellings, formation of access, parking and landscaping	Expired – superseded by 08/18/00142	31/03/2015	Land between 21 and 35 Monmouth Street and to the rear of, Church Street, Bridgwater	x
32	08/17/00259	SDC	5.0km	Erection of 37no. dwellings and creation of amenity provision, car parking and associated highway works including a new link to Tynte Road	Approved but not yet implemented	06/09/2018	Land To The East Of, Sedgemoor Site Bridgwater College Academy, Parkway, Bridgwater, TA6 4RL	x
33	08/18/00142	SDC	4.9km	Erection of 28 affordable dwellings and the formation of access, parking and landscaping.	Under Construction	19/10/2018	Land Between 21 and 35 Monmouth Street and to the rear of, Church Street, Bridgwater	x
34	08/20/00202	SDC	5.0km	Erection of 43 Flats within two blocks with associated access and parking areas, amenity space and landscaping.	Not yet determined	N/A	Land Between Friarn Street And, Broadway, Bridgwater, Somerset	x

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35	51/12/00014		4.16km	Erection of Village Hall and greenkeepers store, formation of 3 junior football pitches, 2 cricket pitches, vehicular/pedestrian access from Homberg Way and associated car and coach parking facilities, erection of eleven dwellings, demolition of side attached garage at 1 Florence Court and formation of access.	Approved – village hall delivered, dwellings under construction	09/03/2013	Land to the north of, Homberg Way, Bridgwater	✕
36	08/17/00172	SDC	3.70km	Erection of 10no. dwellings and creation of associated access and parking, on site of existing buildings (to be demolished).	Under Construction	22/12/2017	83-89 Bath Road, Bridgwater	✕
37	08/18/00114	SDC	4.09km	Outline application with some matters reserved for the erection of 29 No. two bedroom town houses.	Not yet implemented	12/09/2019	The Mill (formerly Bigwood & Staple), Church Street, Bridgwater	✕
38	11/17/00116	SDC	4.32km	Erection of a building to form 29no. apartments and the creation of ancillary parking.	Not yet implemented	07/02/2019	1 Market Street, Highbridge, TA9 3BW	✕
39	11/18/00131	SDC	4.47km	Approval of reserved matters for the erection of 95 No. dwellings and associated development (revised scheme to 11/17/00121)	Under Construction	14/01/2020	Land At, Newtown Road, Highbridge, Somerset	✕
40	11/19/00028	SDC	3.85km	Approval of the detail of appearance, landscaping, layout and scale for a first phase of development comprising 123 dwellings (outline application 11/11/00107)	Under Construction	06/06/2019	Land At, Brue Farm, Huntspill Road, Highbridge, Somerset, TA9 3DE	✕
41	19/19/00007	SDC	4.46km	Erection of 26 No. dwellings, supporting infrastructure, enabling works, public open space, landscaping and drainage infrastructure. Formation of new vehicular access.	Under Construction	18/09/2020	Land adjacent to, Hayne Walk, Chilton Polden, Bridgwater, Somerset, TA7	✕

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

42	11/19/00128	SDC	4.13km	Erection of 46 dwellings, formation of access and ancillary works.	Not yet implemented	30/09/2020	Land To The North Of, Walrow, Walrow Road, Highbridge, Somerset, TA9	x
43	08/20/00193	SDC	4.47km	Variation of Condition 1 of Planning Permission 08/19/00166 (Approval of reserved matters for Access, Appearance, Landscaping, Layout and Scale for the erection of 2 No. cinema/leisure complex buildings including of up to up to 4,645sqm GIA including up to seven cinema screens, six A3, A4 and/or A5 food and drink uses and a health and fitness use with vehicle and pedestrian access off Mount Street, parking, servicing, open space and/or public realm works, infrastructure and landscaping.) to update the approved plans.	Under Construction	01/02/2020	Land At, Northgate, Bridgwater, Somerset, TA6	x

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

ID	LPA	Policy	Allocation	Status	Address	Scoped in?
1	SDC	B9	<p>Land allocated for Industrial Warehouse and Business use:</p> <p>9 hectares (gross) employment land An agreed mix of B1, B2, B8 use classes</p>	Part committed by 09/20/00017	Land to the west and east of A38 Bristol Road	✗
2	SDC	B3	<p>Land allocated for Housing Development:</p> <ul style="list-style-type: none"> - About 1,200 new homes of a mixed size and type appropriate to the area - Improved road linking the A372 Westonzoyland Road and A39 Bath Road comprising on-line and off-line upgrading of Bower Lane - Affordable housing in accordance with the Council's requirements - A new primary school - Serviced site for a neighbourhood centre that could include community facilities such as a hall and/or convenience store - Public open space, and formal and informal recreation - Comprehensive green infrastructure 	Part committed by 09/18/00040, 09/20/00019, and other applications/permissions outside of Zone of Influence	Land at east Bridgwater	✗

Committed Developments for the Gravity LDO EIA Assessment for inclusion in the 2032 Baseline

3	SDC	BH1	<p>Land allocated for Housing Development</p> <ul style="list-style-type: none"> About 400 new homes of a mixed size and type appropriate to the area Affordable housing in accordance with the Council's requirements Public open space (which must include sufficient accessible natural greenspace) Comprehensive green infrastructure Land reserved for primary school extension Provision of a serviced site for health care should a need be identified in accordance with Policy D28. 	Part committed by 52/19/00001	Land South of Brue Farm	x
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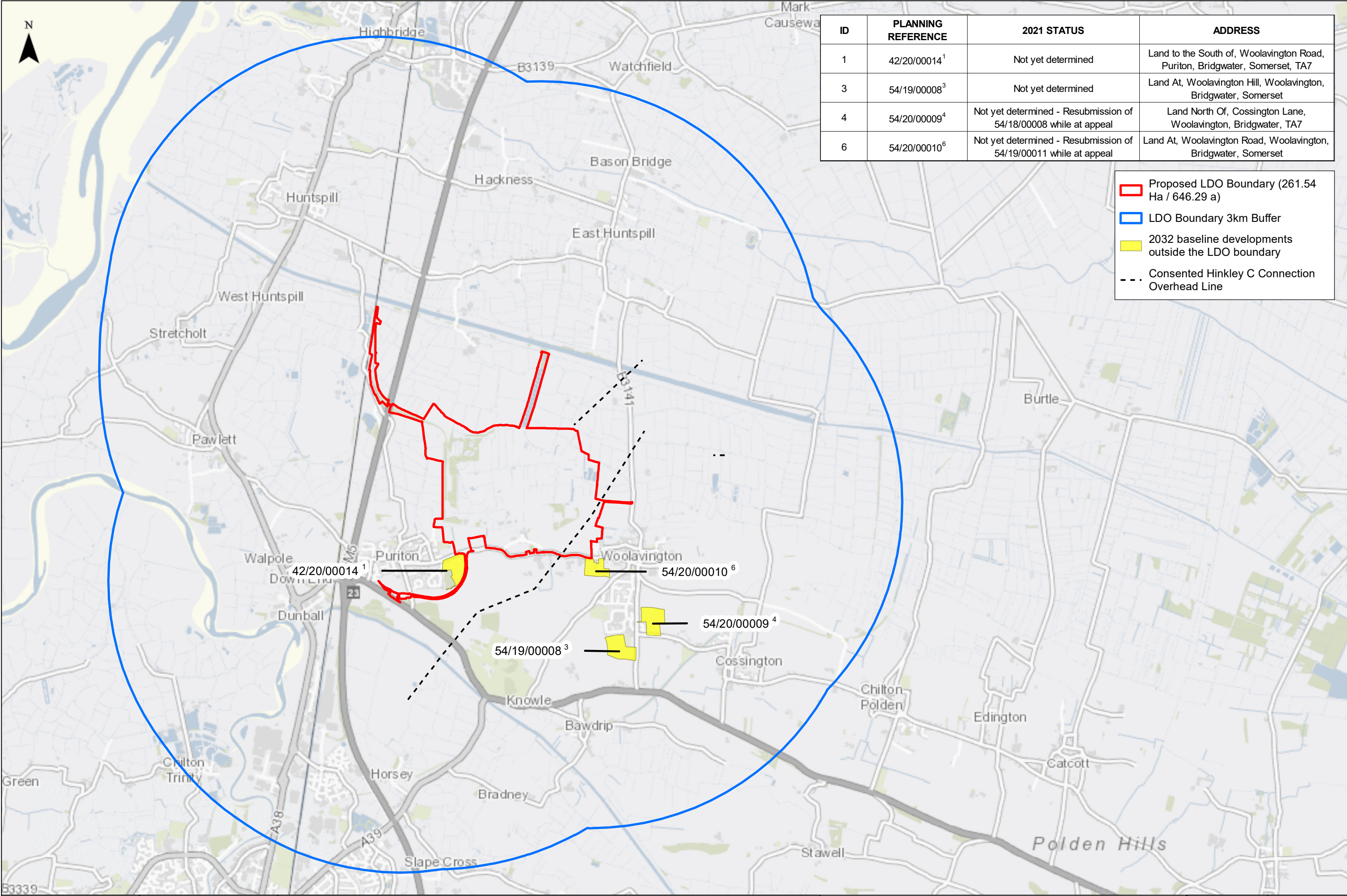
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Appendix H – Adjacent Development Plan



ID	PLANNING REFERENCE	2021 STATUS	ADDRESS
1	42/20/00014 ¹	Not yet determined	Land to the South of, Woolavington Road, Puriton, Bridgwater, Somerset, TA7
3	54/19/00008 ³	Not yet determined	Land At, Woolavington Hill, Woolavington, Bridgwater, Somerset
4	54/20/00009 ⁴	Not yet determined - Resubmission of 54/18/00008 while at appeal	Land North Of, Cossington Lane, Woolavington, Bridgwater, TA7
6	54/20/00010 ⁶	Not yet determined - Resubmission of 54/19/00011 while at appeal	Land At, Woolavington Road, Woolavington, Bridgwater, Somerset

- ▭ Proposed LDO Boundary (261.54 Ha / 646.29 a)
- ▭ LDO Boundary 3km Buffer
- ▭ 2032 baseline developments outside the LDO boundary
- Consented Hinkley C Connection Overhead Line



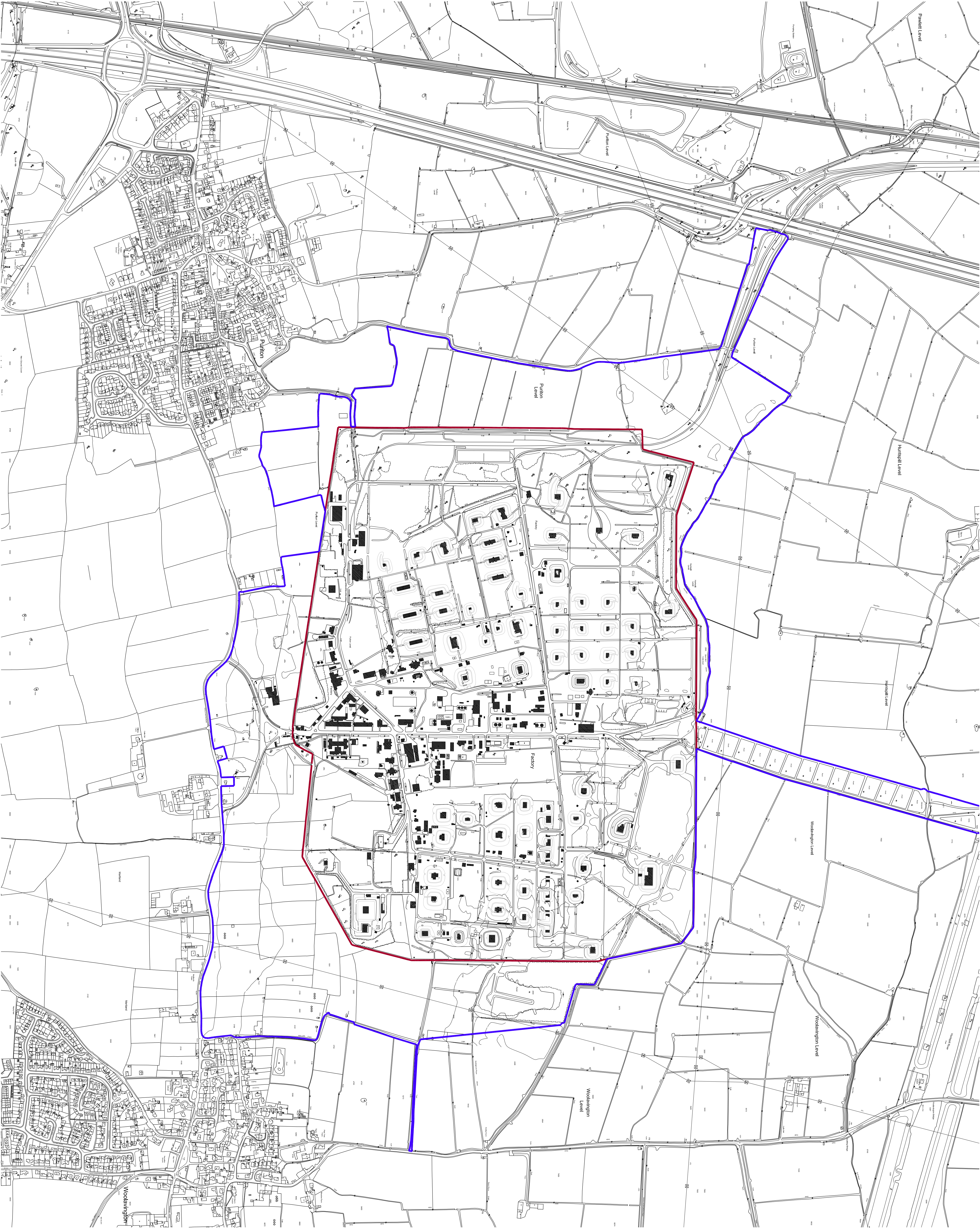
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Appendix I – 2012 Consent Remediation Works



LEGEND

▬ BAE Systems property boundary

▬ Site boundary

rev	description	date	by	checked by
NH		2011.10.28		

Aedas

Architecture

Aedas Architects Ltd
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BAE SYSTEMS

HUNTSPILL ENERGY PARK

SITE LOCATION PLAN

project number	scale	revision	status
2007.01481.	1:5000@A1		
P001			PLANNING

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Appendix J Extracts from the EIA Regulations

Appendix J Extracts from the EIA Regulations

Regulation 18 extracted from the EIA Regulations, procedures on submission of environmental statements.

1. Subject to regulation 9, an EIA application must be accompanied by an environmental statement for the purposes of these Regulations.
2. A subsequent application is to be taken to be accompanied by an environmental statement for the purpose of paragraph (1) where the application for planning permission to which it relates was accompanied by a statement referred to by the applicant as an environmental statement for the purposes of these Regulations, but this is subject to regulation 9.
3. An environmental statement is a statement which includes at least—
 - (a) a description of the proposed development comprising information on the site, design, size and other relevant features of the development;
 - (b) a description of the likely significant effects of the proposed development on the environment;
 - (c) a description of any features of the proposed development, or measures envisaged in order to avoid, prevent or reduce and, if possible, offset likely significant adverse effects on the environment;
 - (d) a description of the reasonable alternatives studied by the developer, which are relevant to the proposed development and its specific characteristics, and an indication of the main reasons for the option chosen, taking into account the effects of the development on the environment;
 - (e) a non-technical summary of the information referred to in sub-paragraphs (a) to (d); and
 - (f) any additional information specified in Schedule 4 relevant to the specific characteristics of the particular development or type of development and to the environmental features likely to be significantly affected.
4. An environmental statement must—
 - (a) where a scoping opinion or direction has been issued in accordance with regulation 15 or 16, be based on the most recent scoping opinion or direction issued (so far as the proposed development remains materially the same as the proposed development which was subject to that opinion or direction);
 - (b) include the information reasonably required for reaching a reasoned conclusion on the significant effects of the development on the environment, taking into account current knowledge and methods of assessment; and
 - (c) be prepared, taking into account the results of any relevant UK environmental assessment, which are reasonably available to the person preparing the environmental statement, with a view to avoiding duplication of assessment.
5. In order to ensure the completeness and quality of the environmental statement—
 - (a) the developer must ensure that the environmental statement is prepared by competent experts; and
 - (b) the environmental statement must be accompanied by a statement from the developer outlining the relevant expertise or qualifications of such experts.

Schedule 4 extracted from the EIA Regulations, setting out the required information for inclusion in the ES.

1. A description of the development, including in particular:
 - (a) a description of the location of the development;
 - (b) a description of the physical characteristics of the whole development, including, where relevant, requisite demolition works, and the land-use requirements during the construction and operational phases;
 - (c) a description of the main characteristics of the operational phase of the development (in particular any production process), for instance, energy demand and energy used, nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used;
 - (d) an estimate, by type and quantity, of expected residues and emissions (such as water, air, soil and subsoil pollution, noise, vibration, light, heat, radiation and quantities and types of waste produced during the construction and operation phases.
2. A description of the reasonable alternatives (for example in terms of development design, technology, location, size and scale) studied by the developer, which are relevant to the proposed project and its specific characteristics, and an indication of the main reasons for selecting the chosen option, including a comparison of the environmental effects.
3. A description of the relevant aspects of the current state of the environment (baseline scenario) and an outline of the likely evolution thereof without implementation of the development as far as natural changes from the baseline scenario can be assessed with reasonable effort on the basis of the availability of environmental information and scientific knowledge.
4. A description of the factors specified in regulation 4(2) likely to be significantly affected by the development: population, human health, biodiversity (for example fauna and flora), land (for example land take), soil (for example organic matter, erosion, compaction, sealing), water (for example hydromorphological changes, quantity and quality), air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape.
5. A description of the likely significant effects of the development on the environment resulting from, inter alia:
 - (a) the construction and existence of the development, including, where relevant, demolition works;
 - (b) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;
 - (c) the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste;
 - (d) the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);
 - (e) the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources;
 - (f) the impact of the project on climate (for example the nature and magnitude of greenhouse gas emissions) and the vulnerability of the project to climate change;
 - (g) the technologies and the substances used.

The description of the likely significant effects on the factors specified in regulation 4(2) should cover the direct effects and any indirect, secondary, cumulative, transboundary, short-term, medium-term and long-term, permanent and temporary, positive and negative effects of the

development. This description should take into account the environmental protection objectives established at Union or Member State level which are relevant to the project, including in particular those established under Council Directive 92/43/EEC(88) and Directive 2009/147/EC(89).

6. A description of the forecasting methods or evidence, used to identify and assess the significant effects on the environment, including details of difficulties (for example technical deficiencies or lack of knowledge) encountered compiling the required information and the main uncertainties involved.
7. A description of the measures envisaged to avoid, prevent, reduce or, if possible, offset any identified significant adverse effects on the environment and, where appropriate, of any proposed monitoring arrangements (for example the preparation of a post-project analysis). That description should explain the extent, to which significant adverse effects on the environment are avoided, prevented, reduced or offset, and should cover both the construction and operational phases.
8. A description of the expected significant adverse effects of the development on the environment deriving from the vulnerability of the development to risks of major accidents and/or disasters which are relevant to the project concerned. Relevant information available and obtained through risk assessments pursuant to EU legislation such as Directive 2012/18/EU(90) of the European Parliament and of the Council or Council Directive 2009/71/Euratom(91) or UK environmental assessments may be used for this purpose provided that the requirements of this Directive are met. Where appropriate, this description should include measures envisaged to prevent or mitigate the significant adverse effects of such events on the environment and details of the preparedness for and proposed response to such emergencies.
9. A non-technical summary of the information provided under paragraphs 1 to 8.
10. A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.



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Appendix K – Sedgemoor 2019



Sedgemoor

Published on 03/03/2020

Area type: District
Region: South West

Local Authority Health Profile 2019

This profile gives a picture of people's health in Sedgemoor. It is designed to act as a 'conversation starter', to help local government and health services understand their community's needs, so that they can work together to improve people's health and reduce health inequalities.

Visit <https://fingertips.phe.org.uk/profile/health-profiles> for more area profiles, more information and interactive maps and tools.

Health in summary

The health of people in Sedgemoor is varied compared with the England average. About 13.9% (2,920) children live in low income families. Life expectancy for both men and women is higher than the England average.

Health inequalities

Life expectancy is 8.9 years lower for men and 4.9 years lower for women in the most deprived areas of Sedgemoor than in the least deprived areas.

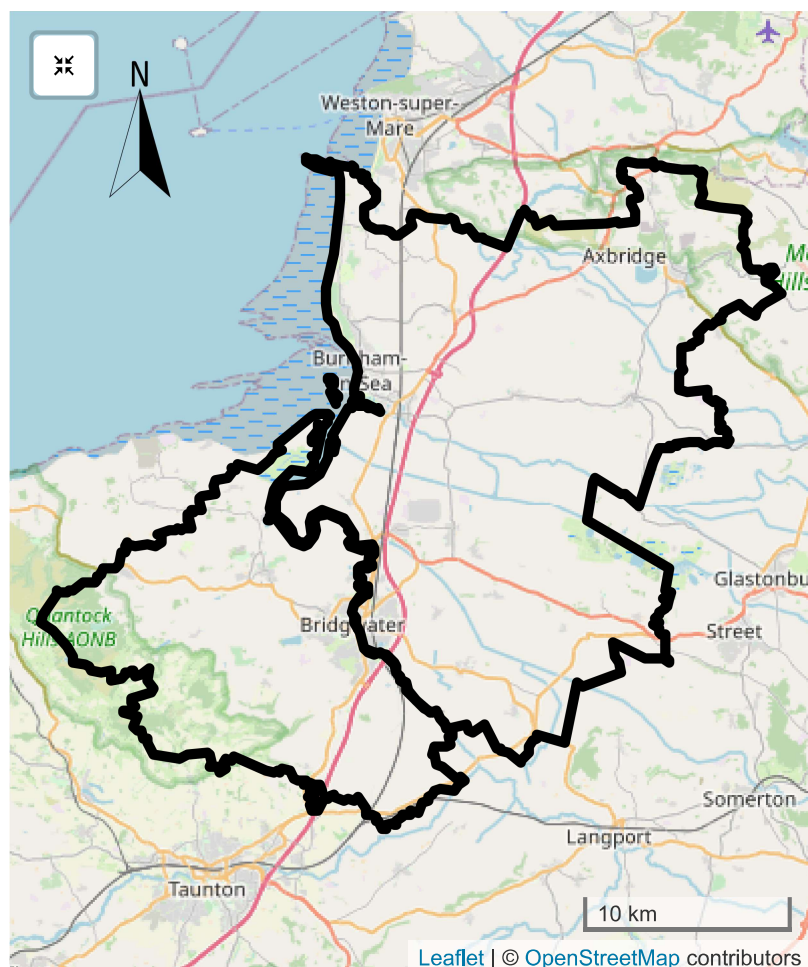
Child health

In Year 6, 20.9% (255) of children are classified as obese. The rate for alcohol-specific hospital admissions among those under 18 is 47*, worse than the average for England. This represents 12 admissions per year. Levels of GCSE attainment (average attainment 8 score) are worse than the England average. Levels of breastfeeding are better than the England average.

Adult health

The rate for alcohol-related harm hospital admissions is 707*. This represents 878 admissions per year. The rate for self-harm hospital admissions is 305*, worse than the average for England. This represents 345 admissions per year. Estimated levels of excess weight in adults (aged 18+) are worse than the England average. The rates of new sexually transmitted infections, killed and seriously injured on roads and new cases of tuberculosis are better than the England average. The rates of statutory homelessness, under 75 mortality rate from cardiovascular diseases and under 75 mortality rate from cancer are better than the England average.

* rate per 100,000 population



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Local authority displayed with full resolution clipped boundary

Health summary for Sedgemoor

Key

Significance compared to goal / England average:

Significantly worse

Significantly lower

↑ Increasing / Getting worse

↑ Increasing / Getting better

Not significantly different

Significantly higher

↓ Decreasing / Getting worse

↓ Decreasing / Getting better

Significantly better

Significance not tested

↑ Increasing

↓ Decreasing

↑ Increasing (not significant)

↓ Decreasing (not significant)

— Could not be calculated

→ No significant change

Life expectancy and causes of death

Indicator	Age	Period	Count	Value (Local)	Value (Region)	Value (England)	Change from previous
1 Life expectancy at birth (male)	All ages	2016 - 18	n/a	80.4	80.2	79.6	↑
2 Life expectancy at birth (female)	All ages	2016 - 18	n/a	84.1	83.8	83.2	↓
3 Under 75 mortality rate from all causes	<75 yrs	2016 - 18	1103	297.2	301.5	330.5	↓
4 Mortality rate from all cardiovascular diseases	<75 yrs	2016 - 18	228	60.3	61.9	71.7	↓
5 Mortality rate from cancer	<75 yrs	2016 - 18	452	118.8	125.6	132.3	↑
6 Suicide rate	10+ yrs	2016 - 18	42	13.7	11.1	9.64	↑

Injuries and ill health

Indicator	Age	Period	Count	Value (Local)	Value (Region)	Value (England)	Change from previous
7 Killed and seriously injured (KSI) rate on England's roads	All ages	2016 - 18	108	29.5	39.8	42.6 ~	—
8 Emergency hospital admission rate for intentional self-harm	All ages	2018/19	345	304.9	272.8	193.4	↑
9 Emergency hospital admission rate for hip fractures	65+ yrs	2018/19	165	553.3	566.3	558.4	↓
10 Percentage of cancer diagnosed at early stage	All ages	2017	321	57.6	53.3	52.2	↑
11 Estimated diabetes diagnosis rate	17+ yrs	2018	n/a	78.7	74.0	78.0	↑
12 Estimated dementia diagnosis rate	65+ yrs	2019	1249	65.8 *	62.4 *	68.7 *	↓

Behavioural risk factors

Indicator	Age	Period	Count	Value (Local)	Value (Region)	Value (England)	Change from previous
13 Hospital admission rate for alcohol-specific conditions	<18 yrs	2016/17 - 18/19	35	47.1	44.1	31.6	↓
14 Hospital admission rate for alcohol-related conditions	All ages	2018/19	878	707.1	680.0	663.7	↑
15 Smoking prevalence in adults	18+ yrs	2018	17366	17.7	13.9	14.4	↑
16 Percentage of physically active adults	19+ yrs	2017/18	n/a	63.1	70.7	66.3	↓
17 Percentage of adults classified as overweight or obese	18+ yrs	2017/18	n/a	67.6	61.0	62.0	↑

Child health

Indicator	Age	Period	Count	Value (Local)	Value (Region)	Value (England)	Change from previous
18 Teenage conception rate	<18 yrs	2017	32	16.3	14.9	17.8	↓
19 Percentage of smoking during pregnancy	All ages	2018/19	121	11.7	10.9 ~	10.6	↑
20 Percentage of breastfeeding initiation	All ages	2016/17	898	77.5	79.5	74.5	↑
21 Infant mortality rate	<1 yr	2016 - 18	11	3.05	3.28	3.93	↓
22 Year 6: Prevalence of obesity (including severe obesity)	10-11 yrs	2018/19	255	20.9	16.5	20.2	↑

Inequalities

Indicator	Age	Period	Count	Value (Local)	Value (Region)	Value (England)	Change from previous
23 Deprivation score (IMD 2015)	All ages	2015	n/a	19.5	-	21.8	—
24 Smoking prevalence in adults in routine and manual occupations	18-64 yrs	2018	n/a	32.2	25.5	25.4	↑

Wider determinants of health

Indicator	Age	Period	Count	Value (Local)	Value (Region)	Value (England)	Change from previous
25 Percentage of children in low income families	<16 yrs	2016	2920	13.9	14.0	17.0	↓
26 Average GCSE attainment (average attainment 8 score)	15-16 yrs	2018/19	57320	44.2	46.7	46.9	↓
27 Percentage of people in employment	16-64 yrs	2018/19	54000	76.3	78.9	75.6	↑
28 Statutory homelessness rate - eligible homeless people not in priority need	Not applicable	2017/18	10	0.19	0.32	0.79	↓
29 Violent crime - hospital admission rate for violence (including sexual violence)	All ages	2016/17 - 18/19	150	45.6	34.9	44.9	↑

Health protection

Indicator	Age	Period	Count	Value (Local)	Value (Region)	Value (England)	Change from previous
30 Excess winter deaths index	All ages	Aug 2017 - Jul 2018	120	30.4	29.5	30.1	↑
31 New STI diagnoses rate (exc chlamydia aged <25)	15-64 yrs	2018	329	450.3	655.3	850.6	↓
32 TB incidence rate	All ages	2016 - 18	3	0.82	2.75	9.19	↓

For full details on each indicator, see the [definitions tab of the Local Authority Health Profiles online tool](#).
For a full list of profiles produced by Public Health England, see the fingertips website: <https://fingertips.phe.org.uk/>

Indicator value types

1,2 Life expectancy - years 3,4,5 Directly age-standardised rate per 100,000 population aged under 75 6 Directly age-standardised rate per 100,000 population aged 10 and over 7 Crude rate per 100,000 population 8 Directly age-standardised rate per 100,000 population 9 Directly age-standardised rate per 100,000 population aged 65 and over 10 Proportion - % of cancers diagnosed at stage 1 or 2 11 Proportion - % recorded diagnosis of diabetes as a proportion of the estimated number with diabetes 12 Proportion - % recorded diagnosis of dementia as a proportion of the estimated number with dementia 13 Crude rate per 100,000 population aged under 18 14 Directly age-standardised rate per 100,000 population 15,16,17 Proportion 18 Crude rate per 1,000 females aged 15 to 17 19,20 Proportion 21 Crude rate per 1,000 live births 22 Proportion 23 Index of Multiple Deprivation (IMD) 2015 score 24 Proportion 25,26 Slope index of inequality 27 Proportion 28 Mean average across 8 qualifications 29 Proportion 30 Crude rate per 1,000 households 31 Directly age-standardised rate per 100,000 population 32 Ratio of excess winter deaths to average of non-winter deaths 33 Crude rate per 100,000 population aged 15 to 64 (excluding Chlamydia) 34 Crude rate per 100,000 population

*	Value compared to a goal (see below)
~	Aggregated from all known lower geography values

Thresholds for indicators that are compared against a goal

Indicator Name	Green	Amber	Red
12 Estimated dementia diagnosis rate (aged 65 and over)	>= 66.7% (significantly)	similar to 66.7%	< 66.7% (significantly)

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