

CALDERDALE LOCAL PLAN

CALDERDALE LOCAL PLAN HABITATS REGULATIONS ASSESSMENT: RECREATIONAL USE AND URBAN EDGE IMPACTS

Calderdale Metropolitan Borough Council

2019



CALDERDALE LOCAL PLAN HABITATS REGULATIONS ASSESSMENT:

RECREATIONAL USE AND URBAN EDGE IMPACTS

UPDATE NOVEMBER 2019 – REFLECTING ADDITIONAL HOUSING SUPPLY

1 Purpose of the Report

- 1.1 This report addresses some of the habitats aspects of the implications of the Council's proposed increase in housing requirement and the additional sites needed to provide additional supply. In particular it looks at potential visitor trips derived from the additional sites to consider whether there are in combination effects or potential threats to the integrity of the designated sites arising from the increased visitor numbers.
- 1.2 The report partly updates the addendum that was dated 25th June 2019, but does not address the implications relating to Air Quality on the M62 or the Class A Roads within Calderdale where they are within the 200 m of the Special Protection Area (SPA) and Special Area of Conservation (SAC). That work is being undertaken separately by consultants appointed by the Council, and will be reported to the Examination in due course.

RECREATIONAL USE AND URBAN EDGE IMPACTS

- 2.1 The HRA Screening Report for the Calderdale Local Plan produced in 2017 could not objectively rule out "likely significant effects" (LSE) on the SPA/SAC as a result of an increase in disturbances associated with public access brought about by the Calderdale Local Plan.
- 2.2 The Addendum produced in June 2019 further considered the potential for Likely Significant Effects arising from the potential growth of disturbances associated with the associated with the Calderdale Local Plan and concluded that

The cumulative total of increased visitor numbers to the South Pennines is 126,788 from all identifiable sites within Local Plans. This would equate to around a 0.6% increase overall in visitor trips generated to the South Pennines derived from sites within 7km of the SPA/SAC located in Calderdale. This can be regarded as a relatively small increase in overall trips and is considered unlikely to result in adverse effects on the integrity of the South Pennine Moors SPA, as a result of increased recreation pressure and urban edge impacts.

(Please Note: this consultation is revised within paragraph 2.15 in this report).

2.3 The most up to date information available for the whole of the South Pennines area is the work undertaken by Natural England between 2009 and 2012 released in 2014. This monitor looked at the manner in which people engage with the South Pennines, from local authority areas bounding the South Pennines as well as from further afield. There is no other locally relevant information which can be used as a data source for this assessment. *Data source: Natural England Report NECR150 “Monitor of engagement with the Natural environment survey (2009-2012): Visit taking in the South Pennines (16 May 2014).* There is no local assessment of visitor usage of the South Pennines that can be used.

2.4 For the purposes of this addendum the local authorities across the South Pennines and the consideration of “in-combination effects” have been taken to be those established in Table 1.

Table 1: Places of Residence of visitors to the South Pennines

Data source: Natural England Report NECR150 “Monitor of engagement with the Natural environment survey (2009-2012): Visit taking in the South Pennines (16 May 2014).

(**ONLY** South Pennine Authorities shown)

Place	Annual Volume of visits (millions)	% of all visits to South Pennines	Per Capita Visits taken to South Pennines
Kirklees	4.3	21.8%	13
Burnley	1.7	8.9%	16
Pendle	1.6	8.1%	14
Rosendale	0.8	4.1%	24
CALDERDALE	0.5	2.3%	3
Bradford	0.1	0.5%	<1
Rochdale	0.3	1.7%	2
Oldham	0.2	0.8%	1

Table 2: Additional Places of Residence for Visitors to the South Pennines

Place	Annual Volume of visits (millions)	% of all visits to South Pennines	Per Capita Visits to South Pennines
Bolton	4.1	20.7%	19
Bury	1.3	6.4%	9

Place	Annual Volume of visits (millions)	% of all visits to South Pennines	Per Capita Visits to South Pennines
Leeds	1.1	5.4%	2
Chorley	0.4	1.9%	9
Manchester	0.4	1.8%	1
Blackburn with Darwen	0.3	1.4%	3
Barnsley	0.3	1.4%	1
Sheffield	0.3	1.3%	1
Newham	0.2	0.9%	1
Wakefield	0.2	0.8%	1
Warrington	0.2	0.8%	1
Hyndburn	0.1	0.7%	7
Sefton	0.1	0.6%	1
South Ribble	0.1	0.5%	1
Birmingham	0.1	0.5%	<1
Cheltenham	0.1	0.5%	1
Stockport	0.1	0.55	<1

Table 3: Places of Residence of Visitors to the South Pennines

Place	Annual volume of visits taken to South Pennines	% of visits taken to South Pennines	Per capita annual visits taken to South Pennines
South Pennines	7.1	36%	35
South Pennines Catchment area	3.6	18%	3
Rest of England	9	46%	<1

2.5 The Monitor of Engagement with the Natural Environment Survey (2009-2012) has identified the following activities as being popular on the South Pennines for visitors who live within the south Pennines.

Table 4: Activities undertaken by Visitors to the South Pennines

Activity	% of visit purpose
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Activity	% of visit purpose
Walking WITHOUT a dog	23%
Walking WITH a dog	68%
Wildlife watching	1%
Informal games and sport	1%
Eating and drinking	1%
Playing with children	5%
Appreciating the scenery from a car	<1%
Running	2%
Visiting an attraction	<1%
Fishing	<1%
Picnicking	1%
Road cycling	<1%
Off road cycling/mountain biking	2%

2.6 All these activities can result in disturbances for the breeding bird assemblage of the South Pennine Moors SPA, such as a dog running in close proximity to ground nesting birds. Recreational activities such as walking and cycling can also result in erosion and trampling of sensitive habitats and in extreme circumstances arson can result in moorland fires.

Main Visitor Attractions in Calderdale within the SPA/SAC

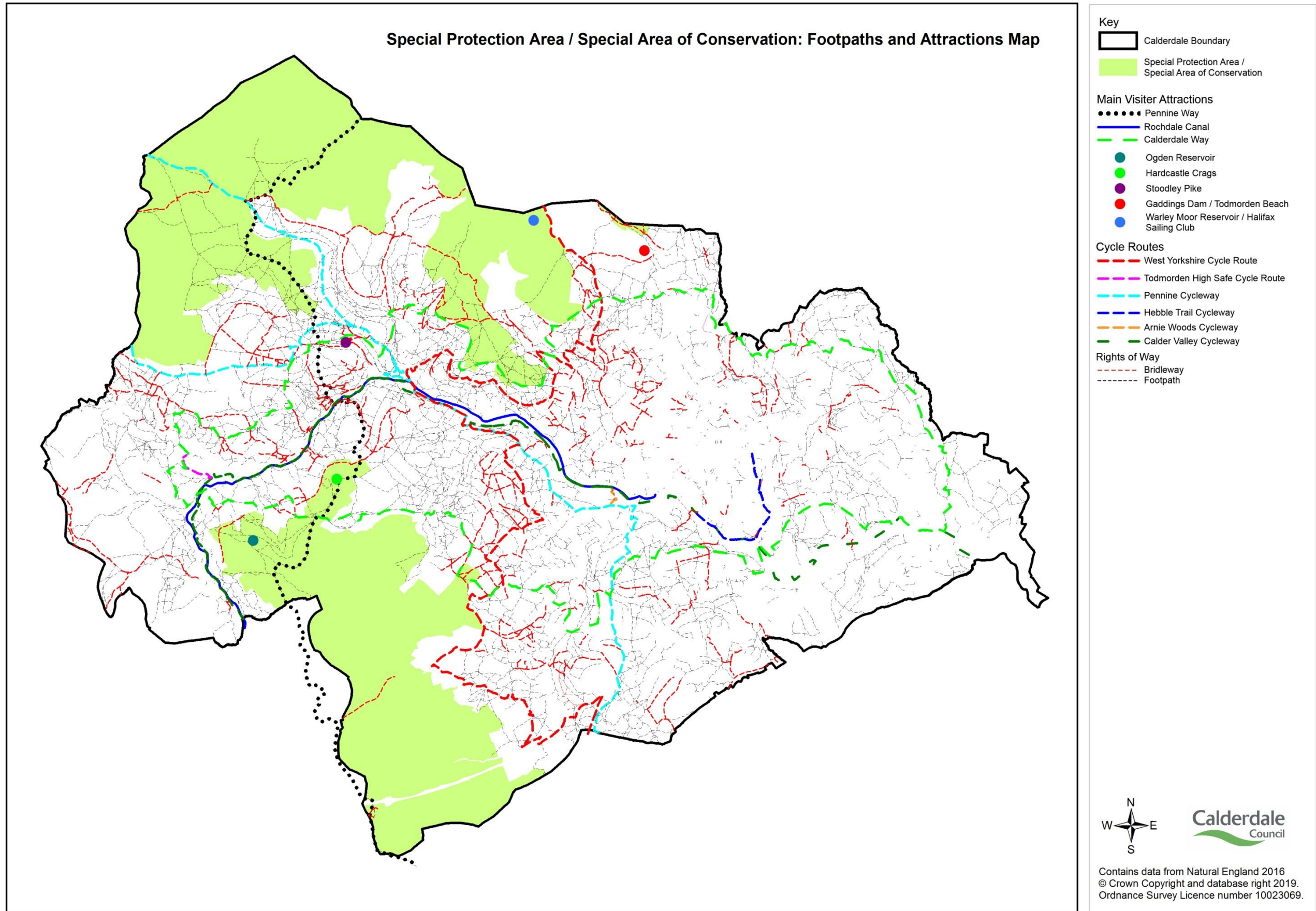
- **Pennine Way:** this national trail crosses Calderdale in a north - south direction. The trail accommodates around 15,000 long distance walkers every year who undertake the full route from Edale (Derbyshire) to Kirk Yetholm in the Scottish Borders. The full trail is 268 miles long, with the stretch in Calderdale being 32.61km. The Pennine Way runs through the SPA/SAC (15.11km). Across the full Pennine Way it is estimated that 250,000 day walkers use parts of the trail every year. There is no data relating to usage within Calderdale. The Pennine Way passes Stoodley Pike where it also crosses the Calderdale Way.
- **Stoodley Pike:** a popular destination for walks from the Calder Valley including Fell-Running and past which the Pennine and Calderdale Ways pass. Stoodley Pike lies within the SPA/SAC.
- **Hardcastle Crags:** this area is owned by the National Trust, and lies outside the SPA/SAC. It lies within the wooded valley of the Hebden Water and is approximately 400 acres in area. There are over 40km of footpaths through

the site. It is an important attraction for walkers and day-trippers. Being in the valley bottom it is separated from the SPA/SAC and given the steep hillsides it is likely that few people trek up onto the protected areas from this popular attraction.

- **Calderdale Way:** this is a circular walk of about 50 miles in length. The Calderdale Way in part runs through the SPA/SAC particularly near Stoodley Pike.
- **Gaddings Dam, Todmorden Beach:** this is a reservoir created in 1833 using an earth embankment. To provide water supply to the mills in Lumbutts. It fell into disuse following the introduction of steam power and was to have been drained in 2001. It was saved by local residents and it is now a popular destination for wild swimmers and day trippers. In good weather it becomes a destination for people wanting to use the highest beach in England. It lies within the SPA/SAC, and therefore there is potential for effects on both the protected habitats and species. The reservoir is a significant walk from the nearest road, where parking is limited. The Council has introduced more restrictive management of the parking since the good weather of 2018 led to congestion, disruptive parking and inconsiderate use of the site.
- **Ogden Reservoir, Halifax:** this popular attraction lies to the north of Halifax outside the SPA/SAC, but adjacent to it. It is managed by the Council's Countryside Service (Safer, Greener, Cleaner). Large numbers of people undertake the circular walk around the reservoir and venture into the managed woodlands. It is not known how many venture up the steep sides of the hills and into the SPA/SAC.
- **Warley Moor Reservoir, Halifax Sailing Club:** The Halifax Sailing Club uses Warley Moor Reservoir which lies within the SPA/SAC. It is the highest sailing club in England at 1,350ft above sea level.
- **Rochdale Canal:** the Rochdale Canal starts at Sowerby Bridge and follows the Calder Valley through the Pennines to Rochdale. The Towpath of the canal in Calderdale is an important footpath and cycleway and is attractive to day trippers and commuters. The Canal lies away from the SAC in Calderdale but in Rochdale District it becomes an SAC in its own right given the importance of the habitat for Water Plantain (*Luronium natans*) and species associated with it.
- **Calderdale Footpath and Bridleway Network:** the Calderdale footpath and Bridleway network is extensive. The following map shows the extent of the network and its association with the designated areas.

There is a wide range of access points to the South Pennine Moors SPA/SAC and the road and footpath network extending to 142.73km. Whilst this means that the opportunity for significant disturbance within the SPA/SAC, the wide range of alternative routes also means that the disturbance can be more spread, resulting in potentially lower overall impacts in any location. The heart of the SPA/SAC site generally does not have foot paths across it, thus reducing potential impacts in those locations.

As indicated in the survey report around 68% of visitors to the South Pennines are “walking with a dog”. The survey also identified that people walking with a dog travelled no more than 8 km to reach their dog walking location.



CONSIDERATION OF RECREATIONAL USE AND URBAN EDGE IMPACTS

Update November 2019

- 2.7 As shown in Table 1 Calderdale residents made 3 visits to the south Pennines per capita accounting for about 500,000 or 2.3% of the overall total.
- 2.8 For the purposes of this assessment, 7km has been taken to be the threshold distance at which development could result in impact upon the SPA/SAC. This distance is derived from studies supporting the Bradford Core Strategy and has been reaffirmed in the HRA supporting the Kirklees Local Plan (March 2017). It is also the distance that encompasses most of the trips made to the South Pennines identified in the Natural England NERC150 Report 2014.
- 2.9 **Calderdale Allocations within 7km of the SPA/SAC**

Deriving Population Estimates for Site Allocations:

2016 Mid-Year Estimates (ONS) released 2018

Population: 207,540;

Households: 91,533

Average Household Size: 2.267 persons per household.

NB: These figures remain applicable for the current 2019 HRA update.

- 2.10 The Calderdale Local Plan as submitted allocates sites capable of accommodating 4,126 dwellings. The updated housing supply, which is identifies sites capable of accommodating an additional 1,060 new dwellings within 7 km of the SPA/SAC.
- 2.11 **TABLE 5: ADDITIONAL SITES IDENTIFIED November 2019**

Local Plan Site No	Address	Site Area (Ha)	Dwelling Capacity	Derived Population
LP0026	The Gate Farm, Saddleworth Road, Greetland, Elland, HX4 8NW	2.23	67	152
LP0327	Land off, Halifax Road, Todmorden, OL14 5AT	0.38	38	86
LP0766	Land Off, Hall Lane, Northowram, Halifax, HX3 7SN	5.81	120	272
LP0931	Land at, Greave House Field, Luddenden, Halifax	1.21	44	100
LP0952	Land at New Gate Farm, Saddleworth Road, Greetland, Elland	10.63	246	558
LP0983	Land at, Maltings Road, Wheatley, Halifax	1.35	30	68

Local Plan Site No	Address	Site Area (Ha)	Dwelling Capacity	Derived Population
LP1034	Land off Soaper Lane, Shelf, Halifax, HX3 7PT	1.97	58	131
LP1035	Land at, 30 Burned Road, Shelf, Halifax, HX3 7PT	0.95	27	61
LP1036	Land north of Shelf Cricket Ground, Carr House Lane, Shelf, Halifax	0.88	27	61
LP1037	Land off, Burned Road, Shelf, Halifax, HX3 7PT	0.90	31	70
LP1044	Hud Hill Farm, Northowram, Halifax, HX3 7LH	2.11	45	102
LP1372	Kershaw Drive, Luddenden Foot, Halifax	3.23	47	107
LP1409	Wood Lane, Off Ovenden Wood Road, Wheatley, Halifax, HX2 0TQ	4.31	109	247
LP1523	Land at, Westercroft Lane, Northowram, Halifax, HX3 7EN	1.42	51	116
LP1590	Land adjacent to the Wells, Stock Lane, Highroad Well, Halifax, HX2 7QP	0.59	16	36
LP1602	Barkisland Cross, Jackson Lane, Barkisland, HX4 0HE	0.75	24	54
LP1622	Top Land, Cragg Vale, Hebden Bridge, HX7 5RW	8.38	50	113
LP1625	Land to the west of, Silverdale Terrace, Greetland, Elland, HX4 8NQ	1.01	30	68
TOTALS		48.11	1,060	11,757

Derived from this table the potential for new visits to the SPA/SAC

- **Average household Size = 2.267 persons per household**
- $4,126 + 1,060 = 5,186$ new homes x 2.267 average household size = **11,757 new persons**
- **3 visits per capita = 35,270 new visits per year.**

2.11 For Calderdale's Local Plan as a whole there is a requirement to deliver **14,950 new dwellings** over the Plan Period to 2032/33. (This includes allocations for 11,882 new dwellings together with extant planning permissions and an allowance for windfalls). For the sites within 7km of the SPA/SAC the derived visitor numbers are set out in paragraph 2.10. For Calderdale as a whole the 15,064 new dwellings will produce **additional trips**, of which 35,270 will be from within 7km of the SPA/SAC.

2.12 Calderdale residents contribute 2.3% or 0.5 million visits out the 20 million identified in the NERC150 monitor. Therefore the allocated sites within 7km will be about 0.14% of the total annual trips to the South Pennines.

2.13 Given that the SPA/SAC is most likely to receive additional visitors from those areas within 7km, additional consideration has been given to the allocations within neighbouring Local Council's Plans, which lie within this distance.

Table 5: Potential Visitor Trips from Potential Allocations in Calderdale and Adjoining Neighbouring Authorities

	Household population 2016	Households 2016	Average household size 2016	Annual volume of visits taken to the South Pennines (m)	% of the 20m visits taken to the South Pennines	Per capita annual visits taken to South Pennines	New Dwellings within 7km of SPA/SAC	New Persons	New Visits per year	% of the total annual trips to the South Pennines
Bradford	525,233	200,922	2.614	0.1	0.5	<1	No allocations	n/a	n/a	n/a
Burnley	86,527	37,489	2.308	1.7	8.9	16	626	1,445	23,117	0.12
Calderdale	207,540	91,533	2.267	0.5	2.3	3	5,186	11,757	35,270	0.17
Craven	55,235	25,452	2.170	Not recorded as represents <0.5% of visits			n/a	n/a	n/a	n/a
Kirklees	429,426	177,668	2.417	4.3	21.8	13	702	1,697	22,058	0.11
Oldham	230,574	91,736	2.513	0.2	0.8	1	No allocations	n/a	n/a	n/a
Pendle	89,881	37,918	2.370	1.6	8.1	14	No allocations	n/a	n/a	n/a
Rochdale	214,073	89,534	2.391	0.3	1.7	2	396	947	1,894	0.01
Rossendale	69,019	29,917	2.307	0.8	4.1	24	933	2,152	51,658	0.26
TOTAL									133,997	

2.15 **The cumulative total of increased visitor numbers to the South Pennines is 133,997 from all identifiable sites within Local Plans. This would equate to around a 0.67% increase overall in visitor trips generated to the South Pennines derived from sites within 7km of the SPA/SAC located in Calderdale. This can still be regarded as a relatively small increase in overall trips and is considered unlikely to result in adverse effects on the integrity of the South Pennine Moors SPA, as a result of increased recreation pressure and urban edge impacts. There could be specific implications associated with individual sites and this will be addressed by the potential for additions to text relating to these site reports as set out in paragraph 3.8.**

2.16 In order to ensure that appropriate consideration is undertaken of development proposals, when more details are available, the need to address the potential for adverse impact is already written within Policy GN3.

POLICY GN3 Natural Environment

The Council will seek to achieve better management of Calderdale's natural environment by requiring developments to:

- i. Conserve and enhance the biodiversity and geological features of the Borough by protecting and improving habitats, species, sites of wildlife and geological value and maximising biodiversity and geodiversity opportunities in and around new developments;*
- ii. Conserve, enhance and restore the habitats, water quality, physical structure and local distinctiveness of the Borough's canal and river corridors as natural floodplains, functioning ecosystems and important strategic wildlife habitat networks allowing the free movement of wildlife;*
- iii. Ensure there are no residual adverse impacts resulting from a proposed development, where in exceptional circumstances the reasons for the proposed development clearly outweigh the value of the ecological feature adversely affected and there are no appropriate alternatives. The adverse impacts of the development must be proportionately addressed in accordance with the hierarchy of: mitigation, compensation and finally offsetting. When appropriate, conditions will be put in place to make sure appropriate monitoring is undertaken and make sure mitigation, compensation and offsetting is effective;*
- iv. Take appropriate steps to maintain or enhance the favourable conservation status of populations of protected species and species of conservation concern;*
- v. Protect, restore and enhance other features of natural environmental importance, in line with local environmental priorities;*
- vi. Design-in wildlife, maximise multi-functionality and provide appropriate management, ensuring development follows the mitigation hierarchy and achieves net gains in biodiversity;*
- vii. Contribute towards the targets set out for Habitats and Species of Principal Importance and the environmental priorities of Local Nature Partnerships and biodiversity offsetting schemes, as appropriate;*
- viii. Deliver enhancement and compensation, commensurate with their scale, which contributes towards the achievement of a coherent and resilient ecological network;*
- ix. Protect and enhance the distinctive landscape character of Calderdale;*
- x. Adopt good environmental site practices as appropriate, including in the form of a Construction Environmental Management Plan (CEMP) where appropriate;*
- xi. Be informed by adequate ecological information, prepared by a competent ecology professional, conforming to British Standard BS42020, Biodiversity - Code of practice for planning and development; and*
- xii. Where opportunities arise, water bodies should be taken out of culvert, or daylighted if not possible, and physical barriers made passable to fish species. Under exceptional circumstances where culverting is delivered, daylighting should be integrated for habitat protection.*

Development proposals which are likely to have a significant adverse impact on a site with one or more of the following designations, habitats or species will not be permitted except in exceptional circumstances where the reasons for the proposed development clearly outweigh the value of the ecological feature adversely affected and there are no appropriate alternatives:

- i. Local Nature Reserves (LNR);*
- ii. Local Wildlife Sites (LWS);*
- iii. Local Geological Sites (LGS);*
- iv. Calderdale Wildlife Habitat Network (or similar designation);*
- v. Priority habitats and species within the Calderdale Biodiversity Action Plan;*
- vi. Habitats and Species of Principal Importance within the UK Biodiversity Action Plan;*
- vii. Habitats and species listed in respect of Section 41 of The Natural Environment and Rural Communities Act 2006;*
- viii. Legally protected species;*
- ix. Areas of Ancient and Semi-Natural Woodland; and*
- x. Nature Improvement Areas.*

Development proposals which are likely to have a significant adverse impact on a site with one or more of the following national or international designations will not be permitted:

- i. Special Protection Areas (SPAs);*
- ii. Special Areas of Conservation (SACs);*
- iii. Sites of Special Scientific Interest (SSSI); and*
- iv. Sites identified, or required, as compensatory measures for adverse effects on European sites.*

An ecological assessment will be required for development located within the 2.5km South Pennine Moors (phase 2) SPA & SAC buffer and outside the urban area in order to establish if the land is of functional importance to designated South Pennine Moors (phase 2) SPA species.

Any proposed development which may directly or indirectly compromise the conservation objectives of a SAC or SPA will not be permitted unless the proposal meets the conditions specified in regulation 61 and 62 of the Conservation of Habitats and Species Regulations 2010 (Habitats Regulations).

- 2.17 In light of the requirements of this policy it is considered necessary to make it clear within the Appendix to the Local Plan (SD01.2) where sites are within close proximity to the SPA/SAC to assess the extent to which they are a functional part of the SPA/SAC. Where this connection is made through the assessment it may be possible to provide appropriate avoidance or mitigation which may include:

- Avoidance of areas used by significant numbers of SPA birds (to be determined by a project level Habitats Regulations Assessment);
- Provision of equivalent or greater quantity and quality of replacement habitat on-site (or as a last resort off site within 2.5km) with improved management to ensure use by SPA birds;
- Timing of works (construction, operation and decommissioning) outside the period most frequently used by SPA birds;
- Monitoring of impacts to assess bird use over time.

3.8 Following discussions with Natural England during preparation of the June 2019 HRA Addendum, it was agreed that additional wording should be added to the 'Constraints', 'Reports Required' and 'Site Specific Considerations' within 'Appendix 1 Site Allocations – Supporting Information' for sites within 2.5km of the SPA/SAC:

- **Constraints** – “Site is within 2.5km of the SPA/SAC”
- **Reports Required** – “Further surveys will be required at planning application stage to assess detailed impacts on SPA/SAC.
- **Site Specific Considerations** - “If found to be necessary, appropriate avoidance and/or mitigation measures will be required to address any identified impacts from the SPA/SAC surveys in line with GN3”

3.9 The following additional sites fall within 2.5km of the SPA/SAC and require the additional wording in the 'Appendix 1 Site Allocations – Supporting Information':

New Mixed Use Site: Mytholmroyd

- **LP1622 – Top Land, Cragg Vale, Mytholmroyd HX7 5RW – additional mixed use sites**

Additional Housing Sites

Mytholmroyd

- **LP 0931 – Land at Greave House Field, Luddenden**
 - **LP1372 - Kershaw Drive, Luddenden Foot**
 - **LP0327 - Land off, Halifax Road, Todmorden, OL14 5AT**
- Additional Mixed Use Site**

APPENDIX 1:**SITES WITHIN 7Km of the SPA/SAC ALL Authorities:****BURNLEY: Local Plan Adopted – This table NOT updated November 2019**

Site No	Area	Site Capacity	Population at Burnley average of 2.308 ppd
HS1/6	Lambert Howarth	100	231
HS1/7	Ridge Wood	18	42
HS1/8	Red Lees Road, Cliviger	125	289
HS1/10	Land at Burnley General Hospital	64	148
HS1/16	Gordon Street Mill	39	90
HS1/20	Ridge Avenue	24	55
HS1/21	Land adjacent 2 Queens Park Road	29	67
HS1/26	Land adjacent 250 Brownside Road	18	42
HS1/9	Higher Saxifield	120	277
HS1/12	Former Heckenhurst Reservoir	35	81
HS1/30	Land West of Smithyfield Avenue	30	69
HS1/32	Butchers Farm	24	55
		626	1,446

**CALDERDALE: Local Plan including POTENTIAL ADDITIONAL SITES
NOVEMBER 2019 SHOWN IN BOLD**

Site No	Area	Site Capacity	Population at Calderdale average of 2.267ppd
LP0011	Tenterfields, Burnley Road, Luddenden Foot, Halifax, HX2 7	63	143
LP0026	The Gate Farm, Saddleworth Road, Greetland, Elland, HX4 8NW	67	152
LP0044	Cemetery Lane, Lower Bentley Royd, Sowerby Bridge, HX6 1DN	112	254
LP0046	Goosegate Farm, Heathy Lane, Holmfield, Halifax, HX2 9UN	25	57
LP0053	Land off Key Syke Lane, Kilnhurst, Todmorden, OL14 6AW	13	29
LP0075	Land at Laithe Croft Farm, Bowling Green Road, Stainland, Elland, HX4 9PF	11	25
LP0103	Land at, Horley Green Road, Claremount, Halifax	56	127
LP0146	Land to the west of West View, Church Lane, Stainland, Elland	31	70
LP0164	Site of High Level Works, Pellon Lane, Pellon, Halifax	34	77

Site No	Area	Site Capacity	Population at Calderdale average of 2.267ppd
LP0221	Land at, Spring Head, Northowram, Halifax, HX4	46	104
LP0234	Swinton, Hays Lane, Mixenden, Halifax	93	211
LP0238	Land at rear of former St Bernadettes Church, Clough Lane, Mixenden, Halifax	12	27
LP0242	Land opposite 109-119, Mixenden Road, Mixenden, Halifax	14	32
LP0253	Junction of Grosvener Place, Burnley Road, Luddenden Foot, Halifax	11	25
LP0261	Land at, Turner Avenue South, Ovenden, Halifax	91	206
LP0264	Car Park Between, Well Lane / King Street, Halifax	10	23
LP0287	Land rear of 287, Willowfield Road, Halifax	8	18
LP0289	Land off, King Cross Street, Halifax, HX1 2SH	10	23
LP0327	Land off, Halifax Road, Todmorden, OL14 5AT	38	86
LP0397	Land adjacent to Daisy Bank, Savile Park, Halifax, HX2	10	23
LP0400	Land off, Birdcage Lane, Savile Park, Halifax	6	14
LP0407	Spring Hall Mills, Mile Cross Road, Halifax	16	36
LP0435	Land off, Haugh End Lane, Sowerby, Sowerby Bridge, HX6 3BJ	14	32
LP0438	Land off, Dean Lane, Sowerby, Sowerby Bridge	13	29
LP0452	Land at Ovenden Green, Ovenden, Halifax	98	222
LP0454	Land off, Wheatley Road, Lee Mount, Halifax	20	45
LP0478	Hartwell Ford garage, Skircoat Road, Halifax	11	25
LP0523	Land at, Furness Avenue, Illingworth, Halifax	104	236
LP0531	Land off Whitehill Road, Keighley Road, Illingworth, Halifax	130	295
LP0589	Land Adjacent to & Rear of 8 Back Clough, Northowram, Halifax, HX3 7HH	15	34
LP0635	Land off, Fir Street, Walsden, Todmorden	37	84
LP0640	Land off The Hollins,, Stansfield Hall Road, Todmorden, OL15	53	120
LP0651	Land off, Stoney Royd Lane, Todmorden	62	141
LP0658	Cinderhill Mills, Halifax Road, Todmorden, OL145TH	24	54
LP0659	Land rear of 302, Halifax Road, Todmorden	17	39
LP0749	Stoney Royd Mill Albion Mills, Bailey Hall Road, Halifax	79	179
LP0759	Land off, Belle Vue Rise, Shelf, Halifax	16	36
LP0766	Land Off, Hall Lane, Northowram, Halifax, HX3 7SN	120	272
LP0782	Land off, Cock Hill Lane, Shelf, Halifax	166	376
LP0814	Land at Richmond Street, Stannary Place, Halifax	45	102
LP0815	Works Depot, Stannary Place, Halifax	73	165
LP0901	Land off, Woodlands Avenue, Todmorden	16	36
LP0914	Land Opposite 46-48, Hollins Road, Walsden, Todmorden, OL14 8BJ	46	104
LP0922	Former Hebden Bridge Fire Station, Valley Road, Hebden Bridge, HX7 7BY	11	25

Site No	Area	Site Capacity	Population at Calderdale average of 2.267ppd
LP0931	Land at, Greave House Field, Luddenden, Halifax	44	100
LP0938	Holme House, Holme House Lane, Rishworth, Sowerby Bridge, HX6 4PY	11	25
LP0952	Land at New Gate Farm, Saddleworth Road, Greetland, Elland	246	558
LP0968	Land at West End Golf Club, Paddock Lane, Highroad Well, Halifax, HX2 0NT	81	184
LP0983	Land at, Maltings Road, Wheatley, Halifax	30	68
LP0990	Land off, Denfield Lane, Wheatley, Halifax	31	70
LP1004	Land off, Burnley Road, Warley, Halifax, HX2 7NB	26	59
LP1009	Site of demolished School, Clough Lane / Brow Bottom Lane, Mixenden, Halifax, HX3	55	125
LP1019	Land adjacent to White House Farm, Riley Lane, Holmfield, Halifax, HX2 9SZ	41	93
LP1023	Land off, Halifax Road, Triangle, Sowerby Bridge	17	39
LP1027	Land North of, Stonelea, Barkisland, Sowerby Bridge, HX4 0HD	12	27
LP1034	Land off Soaper Lane, Shelf, Halifax, HX3 7PT	58	131
LP1035	Land at, 30 Burned Road, Shelf, Halifax, HX3 7PT	27	61
LP1036	Land north of Shelf Cricket Ground, Carr House Lane, Shelf, Halifax	27	61
LP1037	Land off, Burned Road, Shelf, Halifax, HX3 7PT	31	70
LP1041	Land at, West Street & Halifax Road, Shelf, Halifax	21	48
LP1044	Hud Hill Farm, Northowram, Halifax, HX3 7LH	45	102
LP1137	Horley Green Works, Horley Green Road, Claremount, Halifax, HX3 6AS	27	61
LP1170	Mulcture Hall Road, Halifax	42	95
LP1180	Old Lane Dyeworks, Old Lane, Halifax	63	143
LP1215	Land adjacent, Boothtown Road, Boothtown, Halifax	11	25
LP1216	Land off, Mill Lane and Old Lane, Boothtown, Halifax, HX36TP	197	447
LP1224	Land North of Meadowcroft Lane, Halifax Road, Ripponden, Sowerby Bridge	30	68
LP1229	Near Royd, Ovenden, Halifax, HX3 5QP	474	1075
LP1287	Northgate House / Central Library, Northgate, Halifax	40	91
LP1292	Cow Green Car Park, Halifax	141	320
LP1356	Hollins Park, Cemetery Lane, Sowerby Bridge	10	23
LP1368	Furness Drive/Turner Avenue South, Illingworth, Halifax	9	20
LP1372	Kershaw Drive, Luddenden Foot, Halifax	47	107
LP1379	Heathmoor Park Road/Field Head Lane, Illingworth, Halifax	41	93

Site No	Area	Site Capacity	Population at Calderdale average of 2.267ppd
LP1391	Upper Bentley Royd, Sowerby Bridge	20	45
LP1398	Land on the West Side of Brockwell Lane, Triangle, Sowerby Bridge, HX6 3PQ	87	197
LP1407	Land Off, Scar Bottom Lane, Greetland, Elland, HX4 8PQ	16	36
LP1409	Wood Lane, Off Ovenden Wood Road, Wheatley, Halifax, HX2 0TQ	109	247
LP1412	Land North of, Lower Brockwell Lane, Sowerby Bridge, HX6 3PB	8	18
LP1415	Wakefield Road, Sowerby Bridge	12	27
LP1429	Former St Catherines High School, Holdsworth Road, Holmfield, Halifax, HX2 9TH	83	188
LP1431	Former Mayfield Garage, Queens Road, King Cross, Halifax	17	39
LP1481	Former St Catherines High School Grounds, Holdsworth Road, Halifax	32	73
LP1486	Land off, Hambleton Drive, Mixenden, Halifax	27	61
LP1487	Land off, Balkram Road, Mixenden, Halifax	14	32
LP1488	Land off, Hambleton Crescent, Mixenden, Halifax	11	25
LP1489	Land south of, Hambleton Crescent, Mixenden, Halifax	14	32
LP1501	Land east of, Manor Drive, Hebden Bridge	29	66
LP1503	Land at, Stoney Lane, Hebden Bridge	27	61
LP1523	Land at, Westercroft Lane, Northowram, Halifax, HX3 7EN	51	116
LP1534	Birks Mill, Birks Lane, Walsden, Todmorden	18	41
LP1543	Land North and North West of, Wade House Road, Shelf, Halifax	331	750
LP1547	Land at, Abbey Park, Illingworth, Halifax, HX2 9LQ	75	170
LP1590	Land adjacent to the Wells, Stock Lane, Highroad Well, Halifax, HX2 7QP	16	36
LP1602	Barkisland Cross, Jackson Lane, Barkisland, HX4 0HE	24	54
LP1603	Land rear of 115, Claremount Road, Halifax, HX3 6JQ	16	36
LP1609	Land at, Titan Works, Claremount Road, Boothtown, Halifax, HX3 6NT	49	111
LP1622	Top Land, Cragg Vale, Hebden Bridge, HX7 5RW	50	113
LP1625	Land to the west of, Silverdale Terrace, Greetland, Elland, HX4 8NQ	30	68
LP1632	Land at, Horton Street/New Road, Halifax	47	107
LP1637	Land in front of, Bradnor House, Todmorden, OL148RA	25	57
LP1654	Politt Fields, 8 Ripon House, Sowerby Bridge, HX6 2LQ	44	100
LP1655	Rawson Wood, Wood Croft, Sowerby, Sowerby Bridge, HX6 1LJ	22	50
		4,126	9,354

Site No	Area	Site Capacity	Population at Calderdale average of 2.267ppd
	(Including additional sites)	5,186	11,758

KIRKLEES: Local Plan Adopted February 2019 - This table NOT updated November 2019

Site No	Area	Site Capacity	Population at Kirklees average of 2.417 ppd
HS148	Land to the south of, Parkwood Road, Golcar, Huddersfield,	125	302
HS128	Land to the east of, Upper Clough, Linthwaite	53	128
HS124	Land east of, Howgate Road, Slaithwaite	36	87
HS151	Land west of, Ashford Park, Golcar	18	44
HS152	Land to the south of, Swallow Lane, Golcar, Huddersfield,	49	118
HS153	Land to the east of, Fullwood Drive, Golcar	8	19
HS127	Land North West of, Gordon Street, Slaithwaite	25	60
HS123	Black Rock Mills, Waingate, Linthwaite	113	273
HS126	Land south of, Hillside View, Linthwaite	65	157
HS131	Former Gees Garage, New Hey Road, Outlane, Huddersfield	29	70
HS130	Land to the South west of, Victoria Terrace, Marsden	28	68
HS155	Land to the north of, Leymoor Road, Golcar	20	48
HS157	Land between Carr Top Lane and Brook Lane, Golcar	16	39
HS125	Land to the north of, Lingards Road, Slaithwaite, Huddersfield,	36	87
HS158	Land to the South of 5 - 25 Clay Well, Golcar, Huddersfield	14	334
MXS10	Bank Bottom Mills, Mount Road, Marsden	38	92
MXS11	New Mills, Brougham Road, Marsden	29	70
		702	1,886

ROCHDALE: Adopted Land Allocations - This table NOT updated November 2019

Site No	Area	Site Capacity	Population at Rochdale average of 2.391 ppd
SH 1550	Former Akzo Nobel Site, H	90	215
SH 2214	Proofings Technology ILd,	36	86
SH 2227	Land off New Road, Littlebotough	90	215
SH 2279	Dale mill, dale street, m	68	163
SH 2285	Land adjacent to the lady	37	88
SH 2287	Dene works ,edgar street,	21	50
SH 2292	Dearnley old hall ,new ro	14	33
SH 2293	Sladen mill ,halifax road	40	96
		396	947

ROSSENDALE: Local Plan Submitted: February 2019 - This table NOT updated November 2019

Site No	Address	Site Capacity	Population at Rossendale average of 2.307 ppd
H20	Old Market Hall, Bacup	16	37
H21	Reed Street, Bacup	13	30
H22	Former Bacup Health Centre	22	51
H26	Land off Greensnook Lane	26	60
H28	Sheephouse Reservoir, Britannia	63	145
H29	Land off Pennine Road, Bacup	84	194
H30	Tong Farm, Bacup	51	118
H31	Lower Stack Farm	10	23
H33	Land off Rockcliffe Road and Moorlands Terrace	63	145
H34	Land at Higher Cross Row, Bacup	17	39
H37	Land off Gladstone Street	63	145
H38	Land off Burnley Road and Meadows Avenue	6	14
H39	Land Off Cowtoot Lane	151	348
H40	Land off Todmorden Road, Bacup	53	122
H41	Thorn Bank	46	106
H42	Land south of The Weir Public House	52	120
H43	Land west of Burnley Road, Weir	10	23

Site No	Address	Site Capacity	Population at Rossendale average of 2.307 ppd
H44	Irwell Springs, Weir	46	106
H65	Albert Mill, Whitworth	49	113
H66	Land North Of King Street	5	12
H67	Land Behind Buxton Street	28	65
H69	Cowm water treatment works, Whitworth	20	46
M1	Waterside Mill, Bacup	39	90
		933	2,152

APPENDIX 2:

SCREENING OF POTENTIAL ADDITIONAL SITES: November 2019

Screening assumptions and evidence base used to establish likely significant effects

- 5.1 In order to establish if and what part of the Local Plan may have significant effects on the identified Natura 2000 sites, the HRA has screened each Local Plan policy. (The site allocations have been screened both with respect to type e.g. housing, employment etc and their proximity to the identified Natura 2000 sites. Where proximity factors need to be accounted for, GIS software has been used. In order to assess the sites in this way, the following evidence has been drawn upon in order to establish set distances and likely effects.
- 5.2 Further information on the Screening may be found in the HRA 2018
<https://www.calderdale.gov.uk/v2/sites/default/files/Habitats-Regulations-Assessment-Report.pdf>

The Table below show a range of potential impacts that development and their related activities can have on Natura 2000 sites.

Broad Categories and examples of potential impacts of Natura 2000 sites	Examples of activities responsible for Impacts
<p>Physical loss</p> <ul style="list-style-type: none"> • Removal (including offsite effects, e.g. foraging habitat) • Mine collapse • Smothering • Habitat degradation 	<ul style="list-style-type: none"> • Development (e.g. housing, employment infrastructure, tourism) • Infilling (e.g. of mines, water bodies) • Alterations or works to disused quarries • Structural alterations to buildings (bat roosts) • Afforestation • Tipping • Cessation of or inappropriate management for nature conservation
<p>Physical damage</p> <ul style="list-style-type: none"> • Sedimentation / silting • Prevention of natural processes • Habitat degradation • Erosion • Trampling • Fragmentation • Severance / barrier effect • Urban edge effects • Fire 	<ul style="list-style-type: none"> • Flood defences • Dredging • Mineral extraction • Recreation (e.g. motor cycling, cycling, walking, horse riding, water sports, caving) • Development (e.g. infrastructure, tourism, adjacent housing etc.) • Vandalism • Arson • Cessation of or inappropriate management for nature conservation
<p>Non-physical disturbance</p> <ul style="list-style-type: none"> • Noise • Vibration • Visual presence • Human presence • Light pollution 	<ul style="list-style-type: none"> • Development (e.g. housing, industrial) • Recreation (e.g. dog walking, water sports) • Industrial activity • Mineral extraction • Navigation • Vehicular traffic • Artificial lighting (e.g. street lighting)

Broad Categories and examples of potential impacts of Natura 2000 sites	Examples of activities responsible for Impacts
Water table/availability <ul style="list-style-type: none"> • Drying • Flooding / stormwater • Water level and stability • Water flow (e.g. reduction in velocity of surface water) • Barrier effect (on migratory species) 	<ul style="list-style-type: none"> • Water abstraction • Drainage interception (e.g. reservoir, dam, infrastructure and other development) • Increased discharge (e.g. drainage, runoff)
Toxic contamination <ul style="list-style-type: none"> • Water pollution • Soil contamination • Air pollution 	<ul style="list-style-type: none"> • Agrochemical application and runoff • Navigation • Oil / chemical spills • Tipping • Landfill • Vehicular traffic • Industrial waste / emissions
Non-toxic contamination <ul style="list-style-type: none"> • Nutrient enrichment (e.g. of soils and water) • Algal blooms • Changes in salinity • Changes in thermal regime • Changes in turbidity • Air pollution (dust) 	<ul style="list-style-type: none"> • Agricultural runoff • Sewage discharge • Water abstraction • Industrial activity • Flood defences • Navigation • Construction
Biological disturbance <ul style="list-style-type: none"> • Direct mortality • Out-competition by non-native species • Selective extraction of species • Introduction of disease • Rapid population fluctuations • Natural succession 	<ul style="list-style-type: none"> • Development • Predation by domestic pets • Introduction of non-native species • Hunting • Agriculture • Changes in management practices • Collision and displacement as a result of wind turbine development

The Tables Below provides the Screening for each of the potential additional Sites

Additional Mixed Use Sites:

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
Brighouse							
0573	Land adjacent Mill Royd Street, Mill Royd Street, Brighouse, HD6	2.81	200	Increased discharge/surface water run off	Non physical disturbance Urban/Recreation impact Toxic contamination Water Table	N/A	Whilst this site is likely to result in development, it does not fall within the Natura 2000 sites boundary and can be screened out. Therefore – Appropriate Assessment not required
Mytholmroyd							
1622	Top Land, Cragg Vale, Hebden Bridge, HX7 5RW	8.38	50	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent 	Development Industrial activity Vehicular traffic Air Pollution	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is to the south west/north east of the proposed allocation and it falls within 2.5km of the distance which is considered to lead to loss of functionally connected land. The type of development at this site is uncertain until a planning application is submitted to develop the site. Therefore –

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
				structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities • Increased discharge/surface water run off			Appropriate Assessment not required.
Todmorden							
0327	Land off, Halifax Road, Todmorden, OL14 5AT	0.33	38	• Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the	Non physical disturbance Urban/Recreation impact Toxic contamination	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is directly to the south east of the proposed allocation and it falls within 2.5km of the distance which is considered to lead to loss of functionally connected land. The type of development at this site is uncertain until a planning application is submitted to develop the site. Therefore – Appropriate Assessment not required.

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
				vegetation • Pollution • Recreational activities • Increased discharge/surface water run off			

Additional New Housing Sites:

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
Elland							
0026	The Gate Farm, Saddleworth Road, Greetland, Elland, HX4 8NW	2.23	67	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is to the west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land. This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore -

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
					• Recreational activities		Appropriate Assessment not required
0177	Land adjacent Ellistones Place, Saddleworth Road, Greetland, Elland, HX4 8LG	9.87	200	Non physical disturbance Urban/Recreation impact Toxic contamination	N/A	N/A	Whilst the site is likely to result in development, it does not fall within the Natura 2000 sites boundary and can be screened out. Therefore – Appropriate Assessment not required
0952	Land at New Gate Farm, Saddleworth Road, Greetland, Elland	10.63	246	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is to the west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land. This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore - Appropriate Assessment not required
1567	Land adjacent to Exley Lane, North of Elland, Elland	20.53	450	Non physical disturbance Urban/Recreation impact Toxic contamination	N/A	N/A	Whilst the site is likely to result in development, it does not fall within the Natura 2000 sites boundary and can be screened out. Therefore – Appropriate Assessment not required

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
1616	Land at Ainley Top, South West of the Junction of the A643/New Hey Rd, Ainley Top, Elland	2.19	48	Non physical disturbance Urban/Recreation impact Toxic contamination	N/A	N/A	Whilst the site is likely to result in development, it does not fall within the Natura 2000 sites boundary and can be screened out. Therefore – Appropriate Assessment not required
1625	Land to the west of, Silverdale Terrace, Greetland, Elland, HX4 8NQ	1.01	30	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is to the west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land. This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore - Appropriate Assessment not required
Halifax							
0983	Land at, Maltings Road, Wheatley, Halifax	1.35	30	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is to the north west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land. This allocation can be screened out as not having

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
					<ul style="list-style-type: none"> vegetation • Pollution • Recreational activities 		likely significant effects on Natura 2000 sites. Therefore – Appropriate Assessment not required.
1128	Land off Park Lane, Siddal, Halifax, HX3	1.06	38	<ul style="list-style-type: none"> Non physical disturbance Urban/Recreation impact Toxic contamination 	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	<p>The SPA/SAC is to the north west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore – Appropriate Assessment not required.</p>
1409	Wood Lane, Off Ovenden Wood Road, Wheatley, Halifax, HX2 0TQ	4.31	109	<ul style="list-style-type: none"> Non physical disturbance Urban/Recreation impact Toxic contamination 	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	<p>The SPA/SAC is to the north west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore – Appropriate Assessment not required.</p>

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
1590	Land adjacent to the Wells, Stock Lane, Highroad Well, Halifax, HX2 7QP	0.59	16	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	<p>The SPA/SAC is to the north west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>
Mytholmroyd							
0931	Land at, Greave House Field, Luddenden, Halifax	1.21	44	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	<p>The SPA/SAC is north of the proposed allocation and it falls within 2.5km of the distance which is considered to lead to loss of functionally connected land.</p> <p>The type of development at this site is uncertain until a planning application is submitted to develop the site. Therefore –</p> <p>Appropriate Assessment not required.</p>
1372	Kershaw Drive, Luddenden Foot,	3.23	47	<ul style="list-style-type: none"> • Drainage • Construction or 	Non physical disturbance Urban/Recreation Impact	South Pennine Moors (phase 2)	<p>The SPA/SAC is to the west of the proposed allocation and is</p>

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
	Halifax			<p>removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables</p> <ul style="list-style-type: none"> • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities <p>Increased discharge/surface water run off</p>	Toxic contamination	<p>SPA:</p> <p>South Pennine Moors SAC:</p>	<p>more than 2.5km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>
Northowram and Shelf							
0766	Land Off, Hall Lane, Northowram, Halifax, HX3 7SN	5.81	120	<p>Non physical disturbance</p> <p>Urban/Recreation impact</p> <p>Toxic contamination</p>	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the 	<p>South Pennine Moors (phase 2) SPA:</p> <p>South Pennine Moors SAC:</p>	<p>The SPA/SAC is north west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be</p>

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
					<ul style="list-style-type: none"> vegetation • Pollution • Recreational activities 		<p>screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>
1034	Land off Soaper Lane, Shelf, Halifax, HX3 7PT	1.97	58	<p>Non physical disturbance</p> <p>Urban/Recreation impact</p> <p>Toxic contamination</p>	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	<p>South Pennine Moors (phase 2) SPA:</p> <p>South Pennine Moors SAC:</p>	<p>The SPA/SAC is west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>
1035	Land at, 30 Burned Road, Shelf, Halifax, HX3 7PT	0.95	27	<p>Non physical disturbance</p> <p>Urban/Recreation impact</p> <p>Toxic contamination</p>	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	<p>South Pennine Moors (phase 2) SPA:</p> <p>South Pennine Moors SAC:</p>	<p>The SPA/SAC is west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
							required.
1036	Land north of Shelf Cricket Ground, Carr House Lane, Shelf, Halifax	0.89	27	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	<p>The SPA/SAC is west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>
1037	Land off, Burned Road, Shelf, Halifax, HX3 7PT	0.90	31	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	<p>The SPA/SAC is west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land.</p> <p>This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>
1044	Hud Hill Farm, Northowram, Halifax, HX3 7LH	2.11	45	Non physical disturbance Urban/Recreation	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, 	South Pennine Moors (phase 2) SPA:	<p>The SPA/SAC is west of the proposed allocation and is more than 7km from the distance which is considered to</p>

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
				impact Toxic contamination	ditches or other earthworks or the laying or removal of pipelines and cables <ul style="list-style-type: none"> • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors SAC:	lead to loss of functionally connected land. This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore – Appropriate Assessment not required.
1523	Land at, Westercroft Lane, Northowram, Halifax, HX3 7EN	1.42	51	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land. This allocation can be screened out as not having likely significant effects on Natura 2000 sites. Therefore – Appropriate Assessment not required.
Ripponden							
1602	Barkisland Cross, Jackson Lane, Barkisland, HX4 0HE	0.76	24	Non physical disturbance Urban/Recreation impact Toxic contamination	<ul style="list-style-type: none"> • Drainage • Construction or removal of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks or the laying or removal of pipelines and cables • Erection of permanent structures 	South Pennine Moors (phase 2) SPA: South Pennine Moors SAC:	The SPA/SAC is to the west and north west of the proposed allocation and is more than 7km from the distance which is considered to lead to loss of functionally connected land. This allocation can be

Local Plan Site Ref	Location	Site Area	Res. Capacity	Likely activities resulting from the site	Likely effects/ impacts on Natura 2000 site(s) if implemented	Natura 2000 Sites affected	Overall screening conclusion
					<ul style="list-style-type: none"> • Use of vehicles likely to damage the vegetation • Pollution • Recreational activities 		<p>screened out as not having likely significant effects on Natura 2000 sites. Therefore –</p> <p>Appropriate Assessment not required.</p>

