



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement – Volume 3 – Appendix 23.5 Air Quality Cumulative Effects Assessment Matrix (Stage 1 & 2)

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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APPENDIX 23.5 AIR QUALITY

CUMULATIVE EFFECT ASSESSMENT

MATRIX (STAGE 1 & 2)

1.1. INTRODUCTION

- 1.1.1.1. This document should be read in conjunction with Chapter 29 (Cumulative Effects) of the Environmental Statement ('ES') Volume 1 (document reference 6.1.29), Chapter 23 (Air Quality) of the ES Volume 1 (document reference 6.1.23) and Appendix 23.6 (Air Quality Cumulative Effects Assessment Matrix (Stage 3 & 4) of the ES Volume 3 (document reference 6.3.23.6).

1.2. METHODOLOGY

- 1.2.1.1. The Cumulative Effects Assessment ('CEA') for the Proposed Development follows the recommended approach as detailed by the Planning Inspectorate ('PINS') in PINS Advice Note Seventeen (Planning Inspectorate, 2015). This document summarises the first stages of the CEA approach which include:

- Stage 1 – Establish a Zone of Influence ('ZOI') for each environmental discipline and identify long list of 'other developments'; and
- Stage 2 – Identify a shortlist of 'other developments'.

- 1.2.1.2. In order to screen projects ('screening stage') for the CEA relating to air quality the following threshold criteria has been applied adapted from the Institute of Air Quality Management ('IAQM') dust assessment guidance (Institute of Air Quality Management, 2016) and the IAQM Planning Guidance (Moorcroft, et al., 2017):

- The ZOI for other developments with respect to construction dust effects has been identified as up to 500 m from the Order Limits (Institute of Air Quality Management, 2016);
 - The scale and nature of other developments (Moorcroft, et al., 2017):
 - Projects with 10 or more residential units or a site area greater than 0.5 ha
 - More than 1,000 m² of floor space for all other uses or a site area greater than 1 ha
 - Temporal scope: data regarding the temporal occurrence of other developments is not available, therefore this has not been considered.
-

1.2.1.3. Following from the screening stage, those developments that meet the screening criteria are taken forward to stages 3 and 4 where a final list of developments that might give rise to cumulative effects is identified, and suitable mitigation advised to counter any cumulative effects. These stages are described as:

- Stage 3 – Collate information on the developments identified at Stage 2; an
- Stage 4 – Review the Stage 2 project to assess whether cumulative effects may arise.

1.3. RESULTS

1.3.1.1. Table 1 lists the long and short list of developments for consideration as part of the CEA for the Proposed Development for stages 1 and 2.

Table 1 – Stage 1 & 2 CEA Matrix for Air Quality

‘Other Development’ Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for ‘other development’ and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
1	Land rear of 185-189A Lovedean Lane, Horndean, Waterlooville (54596/001)	Outline application with some matters reserved for 40 residential dwellings (mix of 1, 2, 3, and 4 bed) with associated amenity space and road network with access from Lovedean Lane via existing access	0.69 km to east of the Order Limits	Granted Outline (15/09/2014)	2.5 ha	Tier 1	No	No				
2	Land rear of, 179-189A Lovedean Lane, Horndean, Waterlooville (54596/002)	Reserved matters application pursuant to 54596/001 for dwellings and discharge of condition 7 of 54596/001 as revised by plans and details received on 3 March 16	0.69 km to east of the Order Limits	Granted Reserved Matters (29/04/2018)	2.5 ha	Tier 1	No	No				
3	Development land east of Horndean, Rowlands Castle Road, Horndean, Waterlooville (55562/01)	Outline planning application with all matters reserved (except for access to the highway network and associated off-site highway improvements) for the demolition of existing buildings and the development of a maximum of 700 dwellings, approximately 1.7 Ha of employment land, a Local Centre (including local retail, a primary school and community facilities), a Care Village, playing pitches, a cricket pavilion (including associated access and parking), allotments (including associated building and car parking), acoustic bunds and ecological buffers together with internal access network (including footpaths and	2.52 km east of the Order Limits	Granted Outline (05/02/2016) Site bought by Bloor Homes who submitted request for a new Scoping Opinion in August 2018 (55562/004)	62 ha	Tier 1	No	No				

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
		cycleways), drainage works, associated landscaping and open space (including play areas). Under the current programme, it is expected that construction will take place between 2016 and 2020.										
4	Former Purbrook Park Playing Fields, Stakes Road, WaterlooVille (APP/12/002 05)	Construction of 76 No. dwellings consisting of 3 No. 2 bed, 38 No. 3 bed, 23 No. 4 bed houses and 12 No. 2 bed flats with associated parking, landscaping including open space and play area, and pumping station. New vehicular access to Stakes Road and new pedestrian access to Stakes Hill Road.	0.96 km East of the Order Limits	Granted Full (03/08/2012) Construction complete	2.74 ha	n/a	No	No				
5	Purbrook School Former Playing Fields, Stakes Road, WaterlooVille APP/16/0034 7	Erection of 26 residential units with associated works, access parking and landscaping.	0.96 km East of the Order Limit	Granted Full (13/01/2017) Construction complete	0.72 ha	n/a	No	No				
6	Purbrook Park School, Park Avenue, WaterlooVille, PO7 5DS	Construction of new two storey school building (Block A), two storey school building to courtyard (Block B), refurbishment to Block D, raised covered walkways, new pedestrian access to main entrance and new Block A, altered and additional car parking,	0.42 km to the east of the Order Limits	Granted Full (16/04/2014) Construction complete	Unknown	n/a	No	No				

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	(APP/14/006 87)	landscaping and other works. Demolition of two storey Caretakers house Works now completed.										
7	108 London Road, Widley, Waterlooville, PO7 5AA (APP/17/010 09)	Subdivision of plot to provide a further single 2-bedroom dwelling with access from London Road.	Western boundary adjacent (0.18 km) to the Order Limits	Granted Full (08/01/2018) Construction not yet started.	1.9 ha	Tier 1	Yes	Yes	Unknown	Negligible	None	No
8	Land at 38-44 London Road, Purbrook (APP/17/011 41)	Construction of 43no. retirement apartments for older persons including communal facilities, parking, associated landscaping with access from Stakes Road and 2no. commercial/retail units fronting onto London Road. Revised scheme from Planning Permission APP/15/00896 (21.12.17). Request to Discharge Condition No.s 3,5,6,7,8,9,10,13,14,15,16 and 17(09.03.18).	Western boundary adjacent (0.40 km) to the Order Limits.	Granted Full (21/12/2017) Construction not yet started	3.94 ha	Tier 1	Yes	Yes	Unknown	Negligible	None	No
9	Woodcroft Farm Development Site, Woodcroft Lane, Waterlooville (APP/13/008 04)	Development of 288 residential units, retention of existing farmhouse, new access road from Eagle Avenue	0.79 km to south-east of Order Limits	Granted Full (05/05/2015) Under construction Phase 1 infrastructure works consisting of	Unknown	Tier 1	No	No				

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
				bridleway improvements were completed in 2017.								
10	Waterlooville Swimming Pool, Waterberry Drive, Waterlooville, PO7 7UW (APP/17/002 95)	Full planning permission for reconfiguration of existing ground car park and development of single storey deck car park. Outline planning permission for future extension on current footprint of overflow car park at Waterlooville Leisure Centre for access and layout `with all other matters reserved.	Northern boundary adjacent (0.40 km) to the Order Limits	Granted Full / Outline (01/07/2017) Construction not started.	20.17 ha	Tier 1	Yes	Yes	Unknown	Potential	None	Yes
11	Former BAE Systems, Waterloo Park, Elettra Avenue, Waterlooville (APP/18/010 72)	Outline planning application with all matters, apart from access, reserved for development of office, storage, industrial, hotel, leisure and restaurant uses.	Eastern boundary adjacent to the Order Limits	Registered and awaiting decision	42.2 ha	Tier 1	Yes	Yes	Unknown	Potential	None	Yes
12	Coastline between Ports Creek Railway Bridge and Kendall's	Construction of new coastal defences consisting of raised earth embankments with rock armour on the seaward side, together with wave walls to abut the A2030 Eastern Road bridge to tie into the new embankments	Boundary adjacent to the Order Limits	Granted Full (13/02/2015) Under construction	Unknown	Tier 1	Yes	Yes	Unknown	Yes	Works area expected to be within Order Limits	Yes

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Wharf, Portsmouth, PO3 5LY (14/01387/FUL)	(along the alignment of the existing coastal defences), and associated landscaped works including a shared footpath constructed along the full length of the new embankment.										
13	Coastal Defences Fort Cumberland, Fort Cumberland Road, Southsea, PO4 9LJ (16/00255/FUL)	Replacement of existing coastal sea defences with rock revetment.	0.47 km to east of the Order Limits	Granted Full (22/06/2016) Construction complete	Unknown	Tier 1	No	No				
14	West Wing St. Marys Hospital Milton Road Portsmouth PO3 6AD 11/00250/OUT	Construction of 2 and 3 storey buildings comprising 191 dwellings and a 2 storey 60 bed care home with associated estate roads/parking areas/open space and landscaping after demolition of existing buildings. Outline with all matters reserved.	0.57 km to west of the Order Limits	Granted Outline (29/03/2012) Granted Conditional Outline (29/03/2012) 13/01120/REM for 191 dwellings and care home	6.2 ha	Tier 1	No	No				

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
				approved (15/02/2014). Complete 14/01121/REM for care home approved (19/11/2014). Complete								
15	Tesco Fratton Way, Southsea, PO4 8FA (14/00128/FUL)	Construction of a Retail Store (Use Class A1) of up to 10,475sqm GEA, Petrol Filling Station (Sui Generis) with an associated kiosk up to 86sqm GEA, canopy and jet wash, new access/egress arrangements, car parking including replacement Stadium car parking, service yard, highway and footpath works, landscaping, and other associated works (after demolition of existing structures).	0.70 km to west of the Order Limits	Granted Full (19/02/2014) Construction complete	1.05 ha	n/a	No	No				
16	Former Kingston Prison, Milton Road, Portsmouth, PO3 6AS 16/00085/FUL	Redevelopment of former prison comprising: part demolition and conversion of listed buildings to provide 73 dwellings and commercial unit (within Class A1 or Class A3); demolition of non-listed structures; construction of five blocks of between three and seven stories to provide 157 dwellings; part demolition of listed prison wall and formation of new vehicular accesses to Milton Road and St Marys Road; and provision of	0.69 km to west of the Order Limits	Granted Full (02/02/2017) Construction not yet started.	Unknown	Tier 1	No	No				

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
		car parking and associated landscaping and other works. Construction not yet started.										
17	Voyager Park, Portfield Road, Portsmouth, PO3 5FJ (11/00822/VOC as varied by 12/00159/VOC)	Development of site for offices/industry/warehousing/distribution (Classes B1/B2 and B8) (Outline) with variation to condition 17 of planning permission 11/00822/VOC to allow the construction of up to 40,000sqm gross floorspace.	1.07 km to west of the Order Limits	Granted Outline (04/04/2012) Numerous Reserved Matters applications submitted for individual units. Largely constructed.	4 ha (Floorspace)	Tier 1	No	No				
18	Milton Common, Eastern Road, Portsmouth (15/01769/FUL)	Construction of new coastal defences consisting of a rock revetment along the seaward side of Milton Common and three earth bunds on Milton Common together with the demolition of Great Salterns Quay and associated landscaping works.	Adjacent to Order Limits	Granted Full (04/02/2016) Construction complete	Unknown	n/a	No	No				
19	Land adjacent to 291 Locksway Road, Southsea	Construction of three-storey building to form three flats with associated parking, cycle and refuse storage	Within Order Limits	Granted Full (23/10/2015) Under construction	Unknown	Tier 1	Yes	Yes	Unlikely construction overlap	Yes due to scale of development during construction	N/A	No, Construction periods unlikely to overlap

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	(15/01330/FUL)											
20	Land adj 1A Eveleigh Road, Portsmouth, P06 1DH 16/01588/FUL	Construction of new two-storey dwelling house	Western boundary of site directly adjacent the Order Limits	Granted Full (24/11/2016) Construction not yet started	Unknown	Tier 1	Yes	No	-	-	-	-
21	Portsmouth Park Hotel, Eastern Road, Portsmouth, PO6 1UN	Construction of 2 single storey buildings to form restaurant/takeaway with drive-thru (Use Class A3/A5) and coffee shop/café (Use Class A1/A3) with drive-thru with associated car parking and landscaping and alterations to existing hotel car park and circulation and realignment of existing access roads	Within the Order Limits.	Granted Full (31/08/2016) Construction not yet started	Unknown	Tier 1	Yes	Yes	Unknown	Potential	None	Yes
22	Little Brandon, Portsdown Hill Road, Portsmouth, PO6 1BE (18/00053/FUL)	Construction of five bedroom dwelling house and detached garage following demolition of existing	Southern Boundary of site directly adjacent (0.04 km) to Order Limits	Granted Full (21/03/2018) Construction not yet started.	Unknown	Tier 1	Yes	Yes	Unknown	Negligible	None	No
23	Former Dairy Site, Station Road, Portsmouth,	Outline application for the construction of up to 108 dwellings	0.2 km to north-west of the Order Limits	Granted Full (22/03/2018)	2.45 ha	Tier 1	Yes	Yes	Unknown	Yes	None	Yes

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	PO6 1PL (17/00224/O UT)											
24	Kendalls Wharf, Eastern Road, Portsmouth, PO3 5LY 17/01676/FUL	Construction of 50m quay wall as a continuation of the existing quay and provision of rock armouring at northern end to form a revetment; and construction of a 4m by 4m dolphin structure with linking walkway 25m to south of existing quay	0.04 km east of the Order Limits	Awaiting decision (Determination period expired 27/11/2017)	Unknown	Tier 1	Yes	Yes	Unknown	Potential	Works area expected to be within Order Limits	Yes
25	Langstone Harbour Sports Ground, Eastern Road, Portsmouth (17/00182/FUL)	Construction of clubhouse (on land adjacent to football pitch)	Within the Order Limits	Granted Full (03/07/2017) Under construction. Anticipated to be near completion.	Unknown	Tier 1	Yes	Yes	Unknown	Potential	Works area expected to be within Order Limits	Yes
26	170 Milton Road, Portsmouth, PO4 8PN (17/01097/FUL)	Construction of 3-storey building to form 9 flats with associated parking, refuse/cycle stores and landscaping, following demolition of existing building	0.7 km south-west of Order Limits	Granted Full (25/06/2018) Construction not yet started	1.3 ha	Tier 1	No	No	-	-	-	-
27	Land to north of	Change of use from enclosed area of unused land to form an extension to the existing	Eastern boundary	Awaiting decision	2.91 ha	Tier 1	Eastern	Yes	Unknown	Negligible	None	No

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Harbourside Holiday and Lodge Park, Eastern Road, Portsmouth, PO3 6QB (18/01182/FUL)	Harbourside Holiday Park adjoining to the south	directly adjacent to the Order Limits	(Determination period expired 24/09/2018)			bound ary directly adjacent to the Order Limits					
28	St James Hospital, Locksway Road, Southsea, PO4 8HW (18/00288/OUT)	Construction of single storey front extension to include 10 additional classrooms; associated landscaping to include new sports pitches; reconfigured vehicular and pedestrian access with increased parking and cycle allocation; new boundary fencing to front elevation	Adjacent (0.02 km) to north-west boundary of the Order Limits	Awaiting decision (Determination period expires 31/12/2018)	36.23 ha	Tier 1	Adjacent (0.02 km) to north-west boundary of the Order Limits	Yes	Unknown	Unknown	None	Yes
29	Admiral Lord Nelson School, Dundas Lane, Portsmouth, PO3 5XT (18/01891/FUL)	Construction of single storey front extension to include 10 additional classrooms; associated landscaping to include new sports pitches; reconfigured vehicular and pedestrian access with increased parking and cycle allocation; new boundary fencing to front elevation	0.34 km west of the Order Limits	Granted Full (07/06/2019)	89.17 ha	Tier 1	0.34 km west of the Order Limits	Yes	Unknown	Potential	None	Yes

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
30	Unit 5, Interchange Park, Robinson Way, Portsmouth, PO3 5QD (18/01027/FUL)	Construction of building of 3004sqm (GEA) for use within light or general industrial purposes (Class B1c or B2) or storage and distribution purposes (Class B8) to include ancillary office floorspace to first floor level with parking, servicing, landscaping and associated works	0.17 km to west of the Order Limits	Granted Full (01/04/2019) Construction not yet started	6.29 ha	Tier 1	0.17 km to west of the Order Limits	Yes	Unknown	Potential	None	Yes
31	Self-Drive Depot, Airport Service Road, Portsmouth, PO3 5PW (18/01050/FUL)	Construction of After Sales Centre (Class B2) comprising of 18-bay Workshop/MOT centre, reception area; Service Drive-In; valet servicing; and smart repair; to include associated car parking, vehicle storage, landscaping and vehicular access to Airspeed Road & Robinson Way, following refurbishment and demolition of existing buildings	0.19 km to west of the Order Limits	Granted Full (22/11/2018) Construction not yet started	9.44 ha	Tier 1	0.19 km to west of the Order Limits	Yes	Unknown	Potential	None	Yes
32	Southsea Leisure Park, Melville Road, Southsea, PO4 9TB (17/00710/PLAREG)	Retrospective application for the construction of a wall and widening of an existing pathway	Partially within the Order Limits	Granted Full (08/09/2017) Construction complete	51.89 ha	n/a	Yes	No	-	-	-	-
33	Cliff House, Dayton Lane, Portsmouth, PO6 1BS	Construction of two-storey, three-bedroom detached chalet bungalow (following demolition of existing detached cottage) to include construction of hardstanding;	0.03 km south of the Order Limits	Granted Full (20/12/2018)	1.31 ha	Tier 1	Yes	Yes	Yes	No-	None-	-No

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	(18/01620/FUL)	Construction of carport with associated external alterations to include balcony extension and construction of single storey side extension to Cliff House		Construction not yet started								
34	81 Solent Road, Portsmouth, PO6 1HJ (18/01618/FUL)	Construction of two dwelling houses (following demolition of existing) and installation of dropped kerb to provide vehicular access onto Solent Road.	0.01 km west of the Order Limits	Granted Full (21/12/2018) Construction not yet started	0.59 ha	Tier 1	Yes	Yes	Yes	No-	None-	-No
35	142 Milton Road, Portsmouth, PO4 8PN (18/02089/FUL)	Construction of 4 storey residential block to form 12 flats.	0.62 km south-west of Order Limits	Awaiting decision (determination period expired 08/02/2019)	0.08 ha	Tier 1	No	No	-	-	-	-
36	17/00335/FUL Land Bounded by Tanners Lane, Kidmore Lane and Anmore Road, Denmead	(RESUBMISSION) Erection of 91 residential units, associated public open space, residents car park, landscaping, access, car parking, partial realignment of road junction and associated works.	0.41 km to west of the Order Limits	Granted Full (03/07/2018) Construction not yet started	47.77 ha	Tier 1	Yes	Yes	Unknown	Yes	None	Yes
37	Land to rear of 32-36 Mill Road,	3 new dwellings	0.03 km to west of the Order Limits	Granted Full (10/11/2016)	Unknown	Tier 1	Yes	Yes	Yes	No-	None-	-No

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Denmead, PO7 6PA (16/01861/FUL)			Construction not yet started								
38	Denmead Baptist Church, 51 Anmore Road, Denmead, PO7 6NW (15/02566/FUL)	Construction of 10 dwellings together with associated access, car parking, refuse and cycle storage following demolition of Denmead Baptist Church	0.27 km to west of the Order Limits	Granted Full (08/06/2016) Construction complete	Unknown	N/A	No	No	-	-	-	-
39	Land to the North of The Gables and West of Closewood Road, Closewood Road, Denmead (15/02448/FUL)	Construction of stables and ménage.	0.03 km south-west of Order Limits	Granted Full (10/02/2016) Construction complete	Unknown	N/A	No	No	-	-	-	-
40	121 Anmore Road, Denmead, Waterlooville, PO7 6NX	Redevelopment comprising change of use from farmstead (C3/sui-generis) to childrens care home (C2) incorporating replacement, renovations and erection of replacement farmhouse and barn, retention of paddocks,	Within the Order Limits.	Granted Full (21/05/2015) Construction complete	Unknown	N/A	No	No	-	-	--	

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	(14/00890/FUL)	improvement to vehicular access, car parking, landscaping and associated works										
41	Taylor Wimpey Site – Land at Old Park Farm, South of Hambledon Road, Waterlooville (05/40000 and 05/00500/OUT)	Outline application for development of land for residential (450 units), live / work (24 units), employment (7.1 ha including B1, B2, B8 and a Household Waste Recycling Centre), mixed use including retail, food & drink, financial/professional & health, open space / recreation purposes and the construction of two accesses.	Directly adjacent to Order Limits	Granted Full (04/01/2008) Development largely complete, expected to be finished 2018/2019	7.1 ha	Tier 1	No	No	-	-	-	-
42	Land at Old Park Farm, Hambledon Road, Waterlooville (08/40000/003 and 08/00350/REM)	PROPOSED DEVELOPMENT: Reserved Matter Application for First Phase of Residential Development (110 dwellings, comprising 74 houses and 36 apartments) (outline planning Condition 7, with part clearance of Conditions 8, 9, 16, 20, 21, 22 and 33) in respect of Outline Permission 05/40000/000, which provide for the development of land for residential (450 units), live/work (24 units), employment (7.1ha including B1, B2 and B8 and a Household Waste Recycling Centre), mixed use including retail, food and drink, financial/professional & health, open space/recreational purposes & the construction of two accesses from Hambledon Road	Directly adjacent to Order Limits	Granted Reserved Matters (08/04/2009) Construction complete	7.1 ha	T	Yes	Yes	Unknown	Yes	None	Yes

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
43	Grainger Development Site Land West of London Road, Waterlooill / Newlands Phase 1 Hambledon Road, Denmead, Hampshire (APP/10/008 28 and 10/02862/OU T)	Outline application for the development of approx 2,550 no. dwellings including the construction of a new access from Ladybridge Roundabout, Milk Lane and completion of Maurepas Way access, a local centre (comprising retail, community building, land for healthcare, land for elderly care) public house, land for 2 primary schools, land for a nursery, land for employment uses, associated amenity space along with substantial green infrastructure, SuDS, land for allotments, main pumping station, land for cemetery, restoration of River Wallington, together with landscape structure planting (Matters for Approval Access only) Full planning application for the development of Phase 1 comprising 194 no. dwellings, internal roads, garages, driveways, pathways, boundary treatment, substation, pedestrian/cycleways, including to Maurepas Way, associated parking spaces, flood attenuation ponds, temporary play provision, associated amenity space and hard and soft landscape works. Full planning for engineering operations associated with infrastructure requirements and service provision for the detailed Phase 1 application, the temporary closure of Havant footpath No.11 and Southwick and Widley footpath No.30 with suitable alternative route provided.	0 m	Phase Development	147.07 ha		Yes	Yes	Unknown	Yes	None	Yes
44	Phase 2, Dukes	Second Phase of Residential Development (121 Dwellings) along with 7 live/work units	North-eastern boundary	Granted Full (24/12/2010)	Unknown	N/A	No	No				

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Meadow, Hambledon Road, Waterlooville (APP/10/006 10 and 10/02353/RE M)	and 326 square metres of A1/A2/A3 floorspace, mixed use including retail, food and drink, financial / professional and health, open space / recreation purposes and the construction of two accesses from Hambledon Road	directly adjacent to the Order Limits	Construction complete								
45	Phase 3 and 4, Land at Old Park Farm, Hambledon Road, Waterlooville / Dukes Meadow, Hambledon Road, Denmead, Hampshire (APP/12/000 08 and 11/03014/RE M) (amended by APP/12/0124 3 &	Third and Fourth phase of residential development – 219 units, 17 live work units, employment, mixed use including retail, food and drink, financial / professional and health, open space / recreational purpose and the construction of two accesses from Hambledon Road.	Adjacent to Order Limits	Granted Reserved Matters (09/07/2013) Construction complete	Unknown	N/A	No	No	-	-	-	-

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	12/02502/FUL)											
46	14/02872/REM Berewood Phase 1, Hambledon Road, Denmead	This application is for 104 units of private rented accommodation and includes the following: Approval of Reserved Matters 6 (i) a), b), c) and d) of planning consent 10/02862/OUT and conditions 3, 6(ii) a), b), d), f), h), i), j), k), l), m), n), 11 and 18	0.13 km to west of the Order Limits	Granted Reserve Matters (24/03/2015) Under construction	17.79 ha	Tier 1	Yes	Yes	Unknown	Construction likely to be complete by start of works	None	No
47	Land at Old Park Farm, Wimpey Site, Hambledon Road, Denmead (13/02843/FUL)	(AMENDED PLANS) Residential development comprising 103 no. dwellings with associated on-site infrastructure	0.36 km to south west of the Order Limits	Granted Full (31/07/2015) Under construction	25.22 ha	Tier 1	Yes	Yes	Unknown	Construction likely to be complete by start of works	None	No
48	APP/14/0003 2 Berewood Phase 2 Development Site, London Road, Purbrook	Reserved matters application for 246 residential dwellings The phasing timetable is subject to the market sales rate, but is anticipated to be between three and four years to complete the development.	Eastern edge of site adjacent to Order Limits	Granted Reserved Matters (24/06/2014) Under construction	68.18 ha	Tier 1	Yes	Yes	Unknown	Construction likely to be complete by start of works	None	No
49	Land at junction of Main Avenue and Hambledon	Erection of extra care accommodation with 48 units and associated communal facilities, access, car parking and landscaping.	Northern boundary of site directly adjacent to	Granted Full (19/01/2015) Construction complete	5.11 ha	N/A	Yes	No	-	-	-	-

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Road, Dukes Meadow Development Site, Waterlooille (APP/14/00854)		the Order Limits									
50	Berewood Phase 2 Development Site, London Road, Purbrook (APP/16/01211 and 16/03168/REM)	Town Park Phase A: Reserved Matters Application under 6 (i) a) c) and d) of planning consent APP/10/00828 & 10/02862/OUT	Southern part of site adjacent (0.07 km) to Order Limits	Granted Reserved Matters (22/07/2014) Construction not yet started	51.66 ha	Tier 1	Yes	Yes	Unknown	Potential	None	Yes
51	Berewood Phase 3A, East of Newlands Avenue, Waterlooille (16/02621/REM)	Berewood Phase 3A for 296 Residential, associated with the outline application for the Berewood development as part of the West of Waterlooille Major Development Area	0.36 km west of the Order Limits	Granted Reserved Matters (10/01/2017) Under construction	76.31 ha	Tier 1	Yes	Yes	Unknown	Construction likely to be complete by start of works	None	No
52	Berewood Phase 13A, Development Land to the West of Newlands	Berewood Phase 13a: Reserved Matters Application comprising 73 residential dwellings, associated amenity space, access, garages, parking, internal roads, pathways and associated landscaping. (Matters of layout, appearance, access, landscape and	0.26 km to west of the Order Limits	Granted Reserved Matters (28/02/2018)	25.83 ha	Tier 1	Yes	Yes	Unknown	Construction likely to be complete by start of works	None	No

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Avenue, Waterlooville, Hampshire (17/01772/RE M)	scale pursuant to application ref: 10/02862/OUT). Discharge of conditions 3, 4, 6(ii) a) b), c), d), e), f), h), i), j), k) l) m) n), 14 and 18.		Under construction								
53	Berewood Phase 9b, West of Marrelsmoor Avenue, Waterlooville, Hampshire (17/02957/RE M)	Berewood Phase 9b. Reserved Matters Application comprising 75 residential dwellings, associated amenity space, access, garages, parking, internal roads, pathways and associated landscaping. (Matters of layout, appearance, access, landscape and scale pursuant to application ref: 10/02862/OUT). Discharge of conditions 3, 6, (ii) a) b) d) f) h) i) j) k) l) m) n), 11, 18	0.03 km west of the Order Limits	Granted Reserved Matters (28/02/2018) Under construction	0.98 ha	Tier 1	Yes	Yes	Unknown	Construction likely to be complete by start of works	None	No
54	Berewood Phase 10a, South of Marrelsmoor Avenue, Waterlooville, Hampshire (17/02956/RE M)	Berewood Phase 10a. Reserved Matters Application comprising 43 residential dwellings, associated amenity space, access, garages, parking, internal roads, pathways and associated landscaping. (Matters of layout, appearance, access, landscape and scale pursuant to application ref: 10/02862/OUT). Discharge of conditions 3, 6, (ii) a) b) d) f) h) i) j) k) l) n) m), 11 and 18	0.03 km west of the Order Limits	Granted Reserved Matters (20/12/2018) Construction not yet started	0.98 ha	Tier 1	Yes	Yes	Unknown	Potential	None	Yes
55	Berewood Phase 9a, West of Marrelsmoor Avenue, Waterlooville, Hampshire	Reserved Matters application for 104 dwellings	0.78 km west of the Order Limits	Awaiting Decision (determination expired 13/09/2018)	Unknown	Tier 1	No	No	-	-	-	-

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	18/01351/REM											
56	Berewood E2, Plot 1, Houghton Avenue, Waterlooville, Hampshire(18/01581/REM)	Berewood E2 (Employment Land) Phase 1. Reserved Matters Application for 10,177 square metres (GEA) of B1c/B2/B8 Floorspace, within two buildings; Associated Landscaping, Access, Parking, Internal Roads and Pathways. (Matters of Layout, Appearance, Access, Landscape and Scale Pursuant to Application Ref. 10/02862/OUT). Discharge of Conditions 3, 6 (i) (a-d) and 6(ii) a) b) c) d) e) f) g) h) i) j) k) m)	353 m	Granted Reserved Matters (11/12/2018)	8.26 ha	Tier 1	Yes	Yes	Unknown	Potential	None	Yes
57	Locks Farm, Botley Road, Bishops Waltham, Hampshire (18/01337/FUL)	Development of a gas powered standby generation facility and associated infrastructure (for a period of 25 years from date of commissioning)	11.8 km to north west of Order Limits	Application refused	Unknown	Tier 1	No	No	-	-	-	-
58	Portsmouth City Centre Highway Network incorporating parts of Mile End Road, Church Street, Commercial Road	Modification of existing road network around the A3 southwards from the junction with Princess Royal Way to the junction with Unicorn Road, including construction of a new link road between Flathouse Road and the A3 south of Herbert Street; associated site clearance, junction works, bus and cycle routes and necessary highway alterations, with landscaping, street furniture, road signage, markings and lighting. Demolition of Pickfords Vanguard Ltd, Flathouse Road,	2.10 km north-west of the Order Limits (at closest point)	Awaiting Decision (determination period expired (07/03/2018)	Unknown	Tier 1	No	No	-	-	-	-

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Marketway, Charlotte Street, Cascades Approach, Hope Street, Flathouse Road (17/02066/CS 3)	PO1 4QJ. Partial demolition and reconfiguration of the western edge of Morrisons Supermarket, Victory Retail Park, Flathouse Road, PO1 4QP. Repositioning of Clarence Street service yard access gate to Sainsbury's Supermarket, 315 Commercial Road, PO1 4BS.										
59	Welborne Land North of Fareham, Fareham (P/17/0266/O A)	New Community of Up To 6000 Dwellings and various other uses	8.33 km west of the Order Limits (at closest point)	Granted - outline	Unknown	Tier 1	No	No	-	-	-	-
60	Site of Fawley Power Station (Fawley Waterside) (17/11559)	Mixed use redevelopment of redundant power station.	18.15 km west of the Order Limits (at closest point)	EIA Scoping submitted and opinion received from NFDC, NFNPA and MMO. Public consultation x2 – most recent July 2018 Outline application planned for	Unknown	Tier 1	No	No	-	-	-	-

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
				submission in Autumn 2018. Outline application submitted May 2019.								
61	Number not used	-	-	-	-	-	-	-	-	-	-	-
62	(19/00706/FUL) North Portsea Island Coastal Flood Defence Scheme, Eastern Road and Kendalls Wharf	Construction of new coastal defences consisting of a earth embankment to the north west; raising of access road, installation of sheet pile wall to the south-east boundary and associated landscaping works	Southern boundary of site adjacent to Order Limits	Emerging - contract out for tender. Documentation for bidders was due for submission by 29/06/18 Kendalls Wharf - Target commencement 09/2019. Target completion 04/2020. Eastern Road seawall – Target commencement	15.97 ha	Tier 1	Yes	Yes	Unknown	Potential	Works area expected to be within Order Limits	Yes

‘Other Development’ Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for ‘other development’ and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
				nt 04/2020. Target completion 10/2022. Phase 4 /2022 Pre-application consultation undertaken in November 2018								
63	Southampton to London Pipeline project DCO	Replacement of 90 km aviation fuel pipeline that runs from Fawley Refinery to West London Terminal Storage facility at Hounslow Works to install and commission the pipeline programmed to be completed early 2023 or earlier if possible.	13.45 km to north-west of the Order Limits at closest point	Application submitted to PINS in May 2019, application accepted for examination in June 2019.	Unknown	Tier 1	No	No	-	-	-	-
64	A27 Arundel Bypass DCO	A new dual carriageway bypass linking together the 2 existing sections of the road to replace the existing single carriageway road.	28.21 km east of the Order Limits at closest point	Preferred route announced May 2018 (Option 5a). New evidence on scheme has emerged (inc updated traffic modelling) on Options 1 and 3 since.	Unknown	Tier 3	No	No	-	-	-	-

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
				Further non-statutory public consultation on Options 1, 3 and 5a planned for Spring 2019. Scheme likely to be submitted in Q4 of 2019.								
65	Norths Hill, Portsmouth, PO6 3RU (18/01646/FUL)	Construction of 20MW embedded Short Term Operating (STOR) generating plant building; auxiliary equipment; DNO substation associated works; and a new wooden maintenance shed.	2.7 km to west of the Order Limits	Granted Full (14/12/2018). Construction not started.	Unknown	Tier 1	No	No	-	-	-	-
66	(19/00420/FUL) Fraser Range	Part demolition, redevelopment and conversion of three existing structures and construction of new buildings to create 108 apartments and 26 houses, construction of new sea wall flood defences and walkway (to include removal and reinstatement of tank traps), access road, parking and landscaping works	Adjacent to Eastern boundary of Order Limits	Awaiting decision (determination expired 31/07/2019)	118.87 ha	Tier 1	Yes	Yes	Unknown	Potential	None	Yes
67	Land South of Lovedean Electricity Substation, Broadway Lane,	Installation of two energy storage systems and associated infrastructure with a total capacity of 49.95MW (as amended by additional information received 6 November 2017 and 7 March 2018)	Within the Order Limits	Permission granted on 17/04/2018, Planning Permission	26.01 ha	Tier 1	Yes	Yes	Yes	No	None	No

‘Other Development’ Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for ‘other development’ and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	Lovedean, Waterloooville 57524/001			quashed at judicial review on 07/09/2018. New Scoping Opinion requested by applicant on 01/11/2018. EHDC deemed no EIA required. SoS stated that EIA is not required in July 2019.								
68	19/01071/FU L Land to the south of Old Mill Lane and east/south-east of The Haven, Denmead	Full planning application for the construction and operation of a 49.9MW battery storage facility, fencing, landscaping and site access on land south of Old Mill Lane and north of the operational Lovedean 400kV substation.	Within the Order Limits	Application withdrawn*	8.43 ha	n/a	Yes	Yes	Unknown but possible construction overlap -	-No	None-	-No
69	36 Mill Road Denmead PO7 6PA	PROPOSED LAND TO REAR OF 32-36 MILL ROAD FOR 3 Houses of 1 No. 3 Bed House and 2 No. 2 Bed Houses	0.03 km to west of the Order Limits	Application permitted	2.11 ha	n/a	Yes	Yes	Yes-	-No	None-	-No

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	(16/01861/FUL)											
70	(32642/003)	Installation of 30m high Telecommunication Mast 0.6 m dish and 0.6 m antenna for network connections between electricity substations.	Within the Order Limits	Granted	0.02 ha	n/a	Yes	No	-	-	-	-
71	Land South of, Chalton Lane, Clanfield, Waterlooville (28463/002)	207 dwellings and provision of open space, sports pitches, bowling green, pavilion and allotments, with associated access, parking, access roads, footpaths/cycle paths, landscaping and works, with demolition of existing buildings and structures (as amended by plans received 30 September 2014)	3.65 km to north-east of the Order Limits	Permitted 2015	Unknown	n/a	No	No	-	-	-	-
72	Yew Tree Cottage, Eastland Gate, Lovedean, Waterlooville, PO8 0SR (26982/003)	Change of use of agricultural fields to private equestrian paddocks, creation of associated manege and horse walker	0.43 km to East of the Order Limits	Granted	31.58 ha	n/a	Yes	Yes	Unknown	No	None	No
73	England Coast Path	National Infrastructure	Within the Order Limits	19 th July 2017, Natural England submitted a report to the Secretary of State for the Environment,	54931.27 ha	Tier 3	Yes	Yes	Unknown	No	Works area expected to be within Order Limits	Yes

'Other Development' Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for 'other development' and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
				Food and Rural Affairs setting out the proposals for improved access to the coast between Portsmouth and South Hayling Island. Once the Secretary of State has approved the report, works will start with HCC and PCC, including all necessary applications								
74	Southsea Seafront from Long Curtain Moat in the West to Eastney Marine Barracks in the East	Flood and coastal erosion management scheme comprising a combination of vertical sea wall, raising and realignment of the promenade, construction of stepped revetment, rock armour revetments and groynes, secondary defence walls and bunds, beach widening and management, and all associated works, highway alterations, removal of trees and landscaping. Scheme includes the removal and repositioning of	Within the Order Limits	Awaiting decision (Application submitted 16/07/2019, determination period expires 06/11/2019)	650.61 ha	Tier 1	Yes	Yes	Unknown	Potential	Works area expected to be within Order Limits	Yes

‘Other Development’ Details							Stage 1		Stage 2			
ID	Application Name and Reference	Applicant for ‘other development’ and brief description	Distance from project	Status	Area (ha)	Tier	Within ZOI?	Progress to Stage 2	Overlap in temporal scope?	Scale and Nature of development likely to have a significant effect?	Other Factors	Progress to Stage 3/4?
	(19/01097/FUL)	34no. Grade II Listed lamp columns, 3no. Grade II Listed shelters and 6no. Grade II Listed monuments, works affecting the Grade II Listed South Parade Pier, regrading and works to the Grade II Listed Southsea Common and works to the Grade I Listed Naval Memorial. The proposal constitutes EIA development										

*The application for development number 68 (Land to the south of Old Mill Lane and east/south-east of The Haven, Denmead 19/01071/F3UL) was withdrawn on the 2/07/2019. As the application could be re-submitted in the future, for the purpose of the cumulative effects assessment, it has been assessed.

1.4. CONCLUSION

- 1.4.1.1. No significant cumulative effects are expected for the interaction with other developments from an air quality perspective provided the embedded mitigation from the CEMP is in place, and expected IAQM best practise mitigation is in place at the developments listed in **Error! Reference source not found.** Larger developments where communication should be undertaken to harmonise traffic management and construction traffic management have been highlighted in **Error! Reference source not found.** in order to minimise any potential cumulative effects on the public highway from construction traffic and general traffic diversions.

REFERENCES

Planning Inspectorate, (2015), *PINS Advice Note Seventeen*

Institute of Air Quality Management, (2016), *Dust Assessment Guidance*

Institute of Air Quality Management, (2017), *Planning Guidance* (Moorcroft, et al.)

