



AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement – Volume 3 –
Appendix 17.4 Soils and Agricultural Land Use
Cumulative Effects Assessment Matrix (Stage
3 & 4)

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 17.4 SOILS AND AGRICULTURAL LAND USE CUMULATIVE EFFECTS ASSESSMENT MATRIX (STAGE 3 & 4)

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 17 (Soils and Agricultural Land Use) of the ES Volume 1 (document reference 6.1.17) and Appendix 17.3 (Soils and Agricultural Land Use Cumulative Effects Assessment Matrix (Stage 1 & 2)) of the ES Volume 3 (document reference 6.3.17.3).
- 1.1.1.2. 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 final stages of the CEA approach which include;
- Stage 3 – Collate information on the developments identified at Stage 2; an
 - Stage 4 – Review the Stage 2 project to assessed whether cumulative effects may arise.
- 1.1.1.3. Table 1 summarises the potential cumulative effects of the short-listed developments with the Proposed Development in relation to soil and agricultural land.

Table 1 – Stage 3 & 4 CEA Matrix for Soils and Agricultural Land Use

| ID | Tier | Application Reference | Application for development and brief description | Assessment of cumulative effect | Proposed mitigation applicable | Residual cumulative effect |
|----|--------|--|--|--|--------------------------------|--|
| 1 | Tier 1 | Land South of Lovedean Electricity Substation, Broadway Lane, Lovedean, Waterlooville 57524/001 | Installation of two energy storage systems and associated infrastructure with a total capacity of 49.95MW | The application requires 7.4ha of agricultural land from a holding totalling 471ha. A detailed Agricultural Land Classification (ALC) survey was carried out in July 2017 and the land was classified as Subgrade 3b, which is not Best and Most Versatile (BMV) land. | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |
| 2 | Tier 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 | No ALC survey carried out as part of the application, 2.5ha of agricultural land required, likely to be Subgrade 3b. No cumulative effects on BMV land anticipated. | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |

| ID | Tier | Application Reference | Application for development and brief description | Assessment of cumulative effect | Proposed mitigation applicable | Residual cumulative effect |
|----|------|--|---|--|--------------------------------|--|
| | | | from Lovedean Lane via existing access | | | |
| 4 | n/a | 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 | No ALC survey carried out as part of the application. Neighbouring agricultural land has been subjected to a detailed survey and classified as Grade 4. Proposed development site is also likely to be Grade 4. No cumulative effects on BMV land anticipated. | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |

| ID | Tier | Application Reference | Application for development and brief description | Assessment of cumulative effect | Proposed mitigation applicable | Residual cumulative effect |
|----|--------|--|---|--|--------------------------------|--|
| | | | (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 cycleways), drainage works, associated landscaping and open space (including play areas). | | | |
| 10 | Tier 1 | Woodcroft Farm Development Site, Woodcroft Lane, Waterlooville APP/13/00804 | Development of 288 residential units, retention of existing farmhouse, new access road from Eagle Avenue | Approximately 10.5ha of agricultural land required for the proposed development. No ALC survey has been carried out as part of the application but the majority of the site has been subject | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |

| ID | Tier | Application Reference | Application for development and brief description | Assessment of cumulative effect | Proposed mitigation applicable | Residual cumulative effect |
|----|--------|---|---|---|--------------------------------|--|
| | | | | to a detailed ALC survey classifying the land as predominantly Grade 4 land with a smaller pocket of Subgrade 3a land which is BMV. | | |
| 37 | Tier 1 | Land Bounded by Tanners Lane, Kidmore Lane and Anmore Road, Denmead 17/00335/FUL | Erection of 91 residential units, associated public open space, residents car park, landscaping, access, car parking, partial realignment of road junction and associated works (resubmission). | No ALC survey has been submitted as part of the planning application, however the site has previously been subject to a detailed survey and classified as Subgrade 3b and Grade 4 land, which is not BMV. | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |
| 47 | Tier 1 | Berewood Phase 1, Hambledon Road, Denmead | 104 units of private rented accommodation | No ALC survey has been submitted as part of the planning application, however the site has previously | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |

| ID | Tier | Application Reference | Application for development and brief description | Assessment of cumulative effect | Proposed mitigation applicable | Residual cumulative effect |
|----|--------|--|---|--|--------------------------------|--|
| | | 14/02872/REM | | been subject to a detailed survey and classified as Subgrade 3b which is not BMV. | | |
| 49 | n/a | Berewood Phase 2 Development Site, London Road, Purbrook APP/14/00032 | Reserved matters application for 246 residential dwellings | No ALC survey has been submitted as part of the planning application, however the site has previously been subject to a detailed survey and classified as Subgrade 3b which is not BMV. | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |
| 67 | Tier 1 | Land South of Lovedean Electricity Substation, Broadway Lane, Lovedean, Waterlooville 57524/001 | Installation of two energy storage systems and associated infrastructure with a total capacity of 49.95MW | The application requires 7.4ha of agricultural land from a holding totalling 471ha. A detailed ALC survey was carried out in July 2017 and the land was classified as Subgrade 3b, which is not BMV. | No mitigation required. | No residual cumulative effect on BMV agricultural land is anticipated. |

| ID | Tier | Application Reference | Application for development and brief description | Assessment of cumulative effect | Proposed mitigation applicable | Residual cumulative effect |
|----|------|---|--|--|--------------------------------|--|
| 68 | n/a | Land to the south of Old Mill Lane and east/south-east of The Haven, Denmead 19/01071/FUL* | Pivot Power considering site for battery storage plant project | No ALC survey was carried out to support the planning application, however provisional mapping shows this land to be undifferentiated Grade 3, it is unlikely that this application would result in the loss of BMV agricultural land. | No mitigation necessary. | No residual cumulative effect on BMV agricultural land is anticipated. |
| 71 | n/a | 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 | No ALC survey was carried out to support the planning application, however provisional mapping shows this land to be undifferentiated Grade 3, it is unlikely that this application would result in the loss of BMV agricultural land. | No mitigation necessary. | No residual cumulative effect on BMV agricultural land is anticipated. |

| ID | Tier | Application Reference | Application for development and brief description | Assessment of cumulative effect | Proposed mitigation applicable | Residual cumulative effect |
|----|------|-----------------------|--|---------------------------------|--------------------------------|----------------------------|
| | | | existing buildings and structures (as amended by plans received 30 September 2014) | | | |

*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.

REFERENCES

Planning Inspectorate. (2015). Advice note seventeen: Cumulative effects assessment relevant to nationally significant infrastructure.

