

R I C H A R D S
M O O R E H E A D & L A I N G L T D

**Engineering works and use of land relating to the
construction of the proposed A487 Caernarfon
Bontnewydd Bypass and existing minerals
permission**

ENVIRONMENTAL STATEMENT

Volume 3: Supporting Appendices

(Part 1 of 2)

for

JONES BROS. CIVIL ENGINEERING LTD

December 2016

3030

Planning Application



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M O O R E H E A D  L A I N G L T D

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VOLUME 3: SUPPORTING APPENDICES (PART 1 OF 2)

Chapter 1: The Project

Appendix 1.1: Scoping Opinion

Appendix 1.2: Screening Opinion

Chapter 2: Description Of The Project

None

Chapter 3: The Site And Its Setting

None

Chapter 4: Consideration Of Alternatives

None

Chapter 5: The Environmental Assessment

None

Chapter 6: Air Quality

None

Chapter 7: Cultural Heritage

None

Chapter 8: Landscape And Visual Amenity

Appendix 8.1: Landscape Character Areas

Appendix 8.2: Visual Impact Schedules

Chapter 9: Ecology And Nature Conservation

Appendix 9.1: Extended Phase 1Habitat Survey

Appendix 9.2: Otter And Badger Survey

Appendix 9.3: Ornithological Survey

Appendix 9.4: Lesser Horseshoe Bat Events & Transect R6

Appendix 9.5: Lesser Horseshoe Bat Events & Transect R7-7a

Appendix 9.6: Bat survey locations

Chapter 10: Geology And Soils

Appendix 10.1: Site Condition Report

Appendix 10.2: Geological Ground Investigation

Appendix 10.3: RIGS Seiont Brickworks

VOLUME 3: SUPPORTING APPENDICES (PART 2 OF 2)

Chapter 11: Noise And Vibration

Appendix 11.1: Glossary Of Terminology

Chapter 12: Effect On Community Assets

None

Chapter 13: Traffic Generation And Effects

None

Chapter 14: Drainage And The Water Environment

Appendix 14.1: NRW Maps

Appendix 14.2: Hydraulic Modelling Results

Appendix 14.3: Flood Consequence Assessment

Chapter 15: Water Quality

None

Chapter 16: Conclusion

None