



APPENDIX 14

Cumulative Impact Assessment

Appendix 14 - Cumulative Impact Assessment

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| Key | No potential overlap – no further consideration of cumulative impacts undertaken. |
| | Potential for overlap however unlikely to result in substantial cumulative impacts – qualitative assessment of cumulative impacts undertaken. |
| | Overlap is certain and there is potential for substantial cumulative impacts – quantitative assessment of cumulative impacts undertaken. |

| Projects | Proximity | Timing/Overlap | Key Issue | | | | | | | |
|--|---------------------------|---|--------------|------------------------------|-----------------------|---------------------|-----------|-------------------|--------|-------------------|
| | | | Biodiversity | Aboriginal Cultural Heritage | Air Quality and Odour | Noise and Vibration | Transport | Hazards and Risks | Visual | Social & Economic |
| Approved – construction to commence, underway or completed | | | | | | | | | | |
| Black Hill Industrial Estate | Directly adjacent (north) | Construction expected to commence mid-2022 Potential construction overlap with Project between Q4 2022 and Q3 2023 | | | | | | | | |
| Cliftleigh Urban Precinct | 1 km south | Construction timing unknown – assume worst case and construction overlapping | | | | | | | | |
| Hydro Kurri Kurri Aluminium Smelter Remediation | Directly adjacent | Demolition and remediation expected to be completed No overlapping impacts during operations | | | | | | | | |

| Projects | Proximity | Timing/Overlap | Key Issue | | | | | | | |
|--|-------------------|---|--------------|------------------------------|-----------------------|---------------------|-----------|-------------------|--------|-------------------|
| | | | Biodiversity | Aboriginal Cultural Heritage | Air Quality and Odour | Noise and Vibration | Transport | Hazards and Risks | Visual | Social & Economic |
| Regrowth Kurri Kurri | Directly adjacent | Construction timing unknown but expected to be later and not overlapping with KKLP construction. Operations will overlap with use of the adjacent industrial precinct. | | | | | | | | |
| Testers Hollow Roadworks | Directly adjacent | Construction has commenced and is expected to be completed in early 2023 Potential for construction overlap with Project between Q4 2022 and early 2023 | | | | | | | | |
| Maitland Hospital | 10 km north | Project has been Approved Construction to be completed in early 2022 No construction overlap with Project No overlapping impacts during operations | | | | | | | | |
| Richmond Vale Rail Trail | 1.5 km south | Construction timing unknown | | | | | | | | |
| Queens-land-Hunter Gas Pipeline | 18 km north | NSW Government approval specifies construction must be completed by October 2024 | | | | | | | | |

| Projects | Proximity | Timing/Overlap | Key Issue | | | | | | | |
|--|--------------------------|--|--------------|------------------------------|-----------------------|---------------------|-----------|-------------------|--------|-------------------|
| | | | Biodiversity | Aboriginal Cultural Heritage | Air Quality and Odour | Noise and Vibration | Transport | Hazards and Risks | Visual | Social & Economic |
| | | Potential construction overlap with Project between Q4 2022 and Q4 2023 | | | | | | | | |
| Huntlee - Stage 1 Development | 19 km northwest | Potential construction overlap with Project between Q4 2022 and Q4 2023 | | | | | | | | |
| Proposed – under assessment or in planning and design phase | | | | | | | | | | |
| Hunter Power Project | Directly adjacent (west) | Construction to commence January 2022 cease in August 2023 Potential Construction overlap with Project between Q4 2022 and Q3 2023 Overlap in operations to potentially result in cumulative noise impacts | | | | | | | | |
| JGN Delivery Facility | Directly adjacent (east) | Construction likely to overlap with Project between Q4 2022 and Q4 2023 | | | | | | | | |
| Lower Hunter Freight Corridor | directly adjacent (east) | Construction not expected to commence for approximately 10 years | | | | | | | | |
| M1 Pacific Motorway extension to | Directly adjacent | Construction to commence in 2024 and cease in 2028 | | | | | | | | |

| Projects | Proximity | Timing/Overlap | Key Issue | | | | | | | |
|---|-------------------|---|--------------|------------------------------|-----------------------|---------------------|-----------|-------------------|--------|-------------------|
| | | | Biodiversity | Aboriginal Cultural Heritage | Air Quality and Odour | Noise and Vibration | Transport | Hazards and Risks | Visual | Social & Economic |
| Raymond Terrace | | No construction overlap with Project | | | | | | | | |
| Broaden Management Industrial Estate | Directly adjacent | No construction overlap expected | | | | | | | | |
| Hexham Train Facility Modification 2 - Depot Relocation and Wagon Stowage | 6.5 km east | Construction timing unknown – assume worst case and construction overlapping | | | | | | | | |
| Hexham Metal Recycling Site Alterations Modification 6 | 7 km east | Construction timing unknown – assume worst case and construction overlapping | | | | | | | | |
| Rutherford Park Freight and Business Centre | 6 km northwest | Construction timing unknown – assume worst case and construction overlapping | | | | | | | | |
| The Heights Learning Community, Gillieston Heights | 1.5 km north | Construction to commence in 2021/2022 until 2024 Potential construction overlap with Project between Q4 2022 and Q4 2023 | | | | | | | | |

| Projects | Proximity | Timing/Overlap | Key Issue | | | | | | | | | | |
|--|------------|--|--------------|------------------------------|-----------------------|---------------------|-----------|-------------------|--------|-------------------|--|--|--|
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| Gillieston Heights South - Eastern Precinct | 1 km north | DA not submitted yet Construction timing unknown - assume worst case and construction overlapping | | | | | | | | | | | |
| Weston Aluminium Additional Waste Streams | 2 km south | Project does not involve any construction activities | | | | | | | | | | | |