

Appendix B

Supporting letter –WestConnex M4 East



23 January 2017

Burton Contractors Pty Ltd
Homebush Business Village
Unit 3/11-21 Underwood Rd
Homebush NSW 2140

Attn: Alan Brady

Dear Alan

Re: After Hours delivery of fill material to Oakdale South Industrial Estate

WestConnex M4 East project would like to deliver fill materials to the Oakdale Industrial Estate site at Millner Avenue, Horsley Park NSW 2175 outside the normal hours of 7:00am to 6:00pm Monday to Friday and 8:00am to 1:00pm Saturday. WestConnex M4 East would like the ability to deliver fill materials 24 hours per day.

The Interim Construction Noise Guideline (INCG) (Department of Environment and Climate Change, 2009) recommends various categories of works that may be undertaken outside the standard hours including, but not limited to; **Public infrastructure works** that shorten the length of the project and are supported by the affected community.

Both the Community and WestConnex M4 East project (a State Significant Infrastructure project) will benefit from allowing the delivery of material to the Oakdale South Industrial Estate outside normal hours as mentioned above. The WestConnex M4 East project has approval to operate 24/7 at project sites to minimise impacts on the Community and to reduce the construction program. The benefits are as follows:

1. Reduced congestion on the surrounding road networks in the vicinity of each WestConnex site and the Oakdale South Industrial Estate site, particularly during peak hours.
2. A shorter construction program that will reduce the time period associated with any construction impacts at the WestConnex M4 East site.
3. Reduced disruption to local business in the vicinity of each project.
4. Reduced fuel usage and associated reduced greenhouse gas emissions as a result of less heavy vehicle time in heavy traffic conditions.

WestConnex M4 East support this extended hours request and are happy to meet with Burton Contractors Pty Ltd and/or the Department of Planning to further discuss.

Yours sincerely
CPB Samsung John Holland Joint Venture

Brett Bass
Construction Interfaces Director

Appendix C

Burton's Night Activity Proposal

ACTIVITY:- Out of Hours Import - #391 Oakdale South Estate

Expected date of operation – 27th February 2017 – 30th September 2017

Potential Hazards

Existing services

- Not Applicable to tip zone
- All services on the adjacent Millner Avenue are all live with street-lighting active to the full extent of the completed Millner Ave, hence providing sufficient lighting for entry to the project.

Live traffic

- Millner Avenue in Horsley Park is the closest trafficable road to the work zone.
- Expected traffic within close proximity to the work area would consist of the 6 no DHL distribution centre and the Canon distribution centre, all located on Millner Avenue. From past project experience in the area, traffic volumes are considerably low from 10pm to 3am.
- With the expected quantity of material to be imported over the night works a minimum quantity of material will consist of 200no deliveries to a maximum of 300no truck and dogs with an average of 33T per load. This would equate to a load tipping every 2-3 minutes over a 10 hour period.

Visibility

- As works are to occur from 7pm at night until 5am in the morning, visibility is a factor in the operation as a whole. The proposal is to hire 5 no moonlight day-makers for the operation. These lights will guide the delivery vehicles to the desired filling location.
- Internal VMS boards will also be in place to advise the delivery trucks of the entry and exit points to the project. This will consistently changes with regular updated VMPs sent to Westconnex prior to commencement of the shift to advise the haulage contractors of the expected route.



- Gate personnel along with the site supervisor will be required to wear night visibility clothing for the duration of the shifts in order to enhance visibility to vehicles within the area.
- Minimal exposure to ground personnel. It is expected that site utility vehicles will be used at all times equipped with 2 way radio flashing light and reflective stickers to increase visibility and awareness to vehicles within the tip zone. All night crew staff will be encouraged to remain in their vehicles or close proximity at all times for the duration of the works/
- Communication via 2 way UHF radio. Channel frequency 11 as per Burton OSE day shift. All plant and ground personnel to be in possession of UHF radio at all times.

Resources

Equipment

- D8 Dozer – Burton
- 12T Smooth Drum Roller
- 5 no moonlight day-markers
- Road sweeper

Personnel

- Supervisor (first aider)
- Gate person
- Stand by operator

Subcontractors

- Level 1 Earthworks supervisor

Supervision

Dayshift

- 7am – 5pm - Contact Patrick Bradbury – 0418 286 433

Nightshift

- 7pm – 5am – Contract Luke Franklin – 0438 658 983

Responsibilities

Dayshift

Prior to expiry of the day shift, it would be the responsibility of the day shift to organise the site for the import fill works to occur at night. Works to occur on day shift as follows,

- Set up lots for filling to occur.
- Prepare a VMP for the works of where tipping, spreading and compaction will occur that night.
- Position fully fuelled day-makers in their required positions for the visibility aspect of the night shift.
- Leave detailed notes, coordinate with night time supervisor of any potential risks, issues, hot spots, plant issues etc.
- Set up administration paperwork for the gate keeper at administer. This would be blank load sheets, list of truck registrations, export site etc.

Night shift

- Site supervisor to attend site, review and understand the directions provided by the day shift prior to leaving site.
- Be aware of material quantities expected over the night shift.
- Be aware and fully understand the haul location, site entry, exit and lots to be filled throughout the shift.
- Supervisor to run toolbox as per day shift and ensure all personnel aware of the activity, area and movement for the nightshift to occur. Ensure TAKE 5 are completed, signed and understood.
- Supervisor to ensure that gate personnel are capturing each and every delivery to site. Constant communications to be held throughout the shift.
- Liaise with truck haulage companies on loads

Appendix D

Notifications

Russell Hogan

From: Russell Hogan
Sent: Monday, 6 March 2017 12:00 PM
To: 'Aneesh Singh'
Cc: 'Richard Seddon'
Subject: Oakdale South - Notification out of hours works

Importance: High

Hi Aneesh,

RE Oakdale South (SSD6917) - Notification out of hours works

Please consider this email as formal notification that out of hours works will be occurring as part of the Oakdale South Estate (OSE) (SSD6917) project at the end of Millner Avenue off Old Wallgrove Road.

Summary of the out of hours works as follows;

In conjunction with WestConnex M4 East, the principal civil contractor for the OSE site has submitted a request to conduct out of hour's importation, placement and compaction of fill materials from the WestConnex M4 East project to the OSE site.

The out of hours proposal seeks approval via compliance with the noise management levels referred to within the OSE SSD6917 conditions of approval E28ai & E28aii et al. The approval mechanism is through compliance with the OSE SSD6917 conditions and notification to the Secretary, RMS, Council and sensitive receivers.

[Link to the OSE conditions of consent](#)

The works will include;

- Importation of a minimum quantity of material consisting of 200no deliveries to a maximum of 300no truck and dogs with an average of 33t per load. This would equate to a load tipping every 2-3 minutes over a 10 hour period commencing on Monday 13/03/2017 and finishing towards the end of 2017;
- Monitoring of noise emissions on eastern and southern boundaries of Oakdale South;

In addition to truck and dogs, construction equipment proposed to be utilised is as follows:

- 1 x D8 Dozer;
- 1 x 12T Smooth Drum Roller;
- 5 x moonlight day-markers; and
- 1 x Road sweeper

Could you please confirm acknowledgement of this notification.

Regards,

Russell Hogan
Civil Project Manager



Level 7, 153 Walker Street
North Sydney NSW 2060

P 02 9439 1777
M 0424 441 231

Russell Hogan

From: Russell Hogan
Sent: Monday, 6 March 2017 11:59 AM
To: Wayne Pope; Nicoleta Diacopoulos
Cc: 'Richard Seddon'
Subject: Oakdale South - Notification out of hours works

Importance: High

Hi Wayne/Nicki,

RE Oakdale South (SSD6917) - Notification out of hours works

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Regards,

Russell Hogan
Civil Project Manager



Level 7, 153 Walker Street
North Sydney NSW 2060

P 02 9439 1777
M 0424 441 231

Russell Hogan

From: Russell Hogan
Sent: Monday, 6 March 2017 11:58 AM
To: 'Fred Shockair'
Cc: 'Richard Seddon'
Subject: Oakdale South - Notification out of hours works

Importance: High

Hi Fred,

RE Oakdale South (SSD6917) - Notification out of hours works

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Could you please confirm acknowledgement of this notification.

Regards,

Russell Hogan
Civil Project Manager



Level 7, 153 Walker Street
North Sydney NSW 2060

P 02 9439 1777
M 0424 441 231

Russell Hogan

From: Russell Hogan
Sent: Monday, 6 March 2017 11:55 AM
To: 'Ahsanul.AMIN@rms.nsw.gov.au'
Cc: 'Richard Seddon'
Subject: Oakdale South - Notification out of hours works

Importance: High

Hi Ahsanul,

RE Oakdale South (SSD6917) - Notification out of hours works

As discussed just now, please consider this email as formal notification that out of hours works will be occurring as part of the Oakdale South Estate (OSE) (SSD6917) project at the end of Millner Avenue off Old Wallgrove Road.

Summary of the out of hours works as follows;

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- 1 x D8 Dozer;
- 1 x 12T Smooth Drum Roller;
- 5 x moonlight day-markers; and
- 1 x Road sweeper

Could you please confirm acknowledgement of this notification.

Regards,

Russell Hogan
Civil Project Manager



Level 7, 153 Walker Street
North Sydney NSW 2060

P 02 9439 1777

M 0424 441 231

F 02 9923 1055

russell@atl.net.au

Oakdale South Industrial Estate - Out of Hours Works Notification

6th March 2017

Burton Contractors is currently carrying out the Oakdale South Industrial Estate at the end of Millner Avenue. This letter is to notify stakeholders regarding the upcoming out of hours work scheduled for the import of material from **13th March 2017**.

Dear Neighbour,

Re: Oakdale South Industrial Estate – Night-works notification

Burton Contractors are currently undertaking the **import of material** for the Oakdale South Industrial Estate in Eastern Creek/Horsley Park. The import works on the site consist of the following activities -

- Import of fill material
- Compaction of fill material
- Noise monitoring

NIGHT WORKS

Burton Contractors propose to complete the aforementioned works from the 13th March 2017 hours from 7pm-5am. In accordance with our Construction Environmental Management Plan (CEMP) and the State Significant Development Application (SSDA).

This is to ensure the disruption to nearby residents, businesses and motorists are minimised.

NOISE

There may be minimal noise associated with this work, but this will be in compliance with our CEMP and SSDA.

Burton Contractors apologise for any inconvenience these works may cause and appreciates the patience of residents, businesses and road users. For further information please contact our project team as per the contact details given below.

Alan Brady,
Project Manager
Burton Contractors Pty Ltd

For further enquiries contact Burton Contractors Pty Ltd

M 0429 786 920 | E alan.brady@burtoncontractors.com.au |

M 0408 725 409 | E Andrew.david@burtoncontractors.com.au |

Appendix E

Proposed Amendments Schedule to Approved Management Plans

Legend: Original - Addition - ~~Deletion~~

Section	Proposed Amendments to approved Management Plans
Construction Traffic Management Plan	
Table 1 – SSD Conditions of Approval	<p>Amend:</p> <p>Condition E1(d) – CTMP Reference</p> <p>Truck Frequency & Size – Section 4.5 (p. 21) Earthworks 11 Months 15No 13t bogeys & 16No 30t Truck and Dogs per day</p> <p>Import works (Standard Construction Hours) 8-11 months with a minimum quantity of import material consisting of 120no deliveries to a maximum of 200no truck and dogs with an average of 33t per load.</p> <p>Import Works (Out of Hours) 8-11 months with a minimum quantity of import material consisting of 200no deliveries to a maximum of 300no truck and dogs with an average of 33t per load.</p> <p>Roadworks 11 Months 10No 30t Truck & Dogs per day</p> <p>Standard Construction Hours – Section 1.5 (p. 12) Monday to Friday: 7am to 6pm Saturday: 8am to 1pm Sunday and Public Holidays: No Work</p> <p>Extended Construction Hours – Section 1.5.1 (refer below) as approved within the CEMP Monday to Friday: 6am to 7pm Saturday: 7am to 5pm Sunday and Public Holidays: No Work</p> <p>Out of Hours Import, place and compaction of fill materials from WestConnex to Precincts 1 & 2 – Section 1.5.2 (refer below) Monday to Friday: 7pm to 5am Saturday: 12am to 5am Sunday and Public Holidays: No Work</p>
	<p>Amend:</p> <p>Condition E1(e) – CTMP Reference</p> <p>Duration – Section 4.5 (p. 21) Earthworks 11 Months 15No 13t bogeys & 16No 30t Truck and Dogs per day</p> <p>Import works (Standard Construction Hours) 8-11 months with a minimum quantity of import material consisting of 120no deliveries to a maximum of 200no truck and dogs with an average of 33t per load.</p> <p>Import Works (Out of Hours) 8-11 months with a minimum quantity of import material consisting of 200no deliveries to a maximum of 300no truck and dogs with an average of 33t per load.</p> <p>Roadworks 11 Months 10No 30t Truck and Dogs per day</p> <p>Section 6 (pp. 25-26) St 1 – Bulk Earthworks – 4 Months St 2 – Bulk Import Earthworks North Precinct – 48-10 Months</p>

Legend: Original - Addition - ~~Deletion~~

Section	Proposed Amendments to approved Management Plans								
	<p>St 3 – Bulk Import Earthworks South Precinct – 3 Months</p> <p>St 4 – Infrastructure on the North Precinct – 2.5 Months</p> <p>St 5 – Infrastructure on the South Precinct – 2.5 Months</p> <p>St 6 – Bulk Earthworks & Infrastructure to Precinct 6 – 2.5 Months</p>								
Section 1.5 - Construction Hours	<p>Insert:</p> <p>1.5.1 Extended Hours As approved within the Oakdale South (SSD6917) Construction Environmental Management Plan, Revision H, the extended construction working hours associated with the development are as per below:</p> <table> <tr> <th>Work Type</th><th>Extended Hours of Work</th></tr> <tr> <td>Extended hours as approved within the OSE Construction Environmental Management Plan</td><td>Monday to Friday: 6am to 7pm Saturday: 7am to 5pm Sunday and Public Holidays: No Work</td></tr> </table> <p>1.5.2 Out of Hours Import As requested within the Burton Contractors out of hours proposal for import of fill materials from WestConnex, the out of hours for import works associated with the development are as per below:</p> <table> <tr> <th>Work Type</th><th>Import Hours of Work</th></tr> <tr> <td>Import, place and compaction of fill materials from WestConnex to Precincts 1 & 2</td><td>Monday to Friday: 7pm to 5am Saturday: 12am – 5am Sunday and Public Holidays: No Work</td></tr> </table>	Work Type	Extended Hours of Work	Extended hours as approved within the OSE Construction Environmental Management Plan	Monday to Friday: 6am to 7pm Saturday: 7am to 5pm Sunday and Public Holidays: No Work	Work Type	Import Hours of Work	Import, place and compaction of fill materials from WestConnex to Precincts 1 & 2	Monday to Friday: 7pm to 5am Saturday: 12am – 5am Sunday and Public Holidays: No Work
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Section 4.3 - Earthworks	<p>Amend:</p> <p>The majority of excavation will be undertaken with Excavators & Articulated Dump Trucks and will not be required to enter or conflict with any existing road network close to the development site.</p> <p>The internal works within the Oakdale South Development will be undertaken with larger plant such as 50t Excavator & 40t Dump Trucks. Access within the site will be clearly demarcated as per the onsite VMP.</p> <p>As part of the earthworks associated with the project material will be require to be imported to the project in order to achieve the required level of the development as per the approved design of the development. A number of trucks and vehicles will vary with the various stages of the project, with the VMP showing the actual truck and vehicle routes within the construction site.</p> <p>Construction hours will be as per the approved hours as described with the CTMP Section 1.5, 1.5.1 & 1.5.2 – Standard Construction Hours, Extended Construction Hours and Out of Hours Import. The approximate frequency of truck movements based on the current construction program for Earthworks and is outlined within section 4.5 of the CTMP.</p>								
Section 4.5 – Construction Traffic	<p>Amend:</p> <p>The works to the Oakdale South development are expected to generate both light and heavy traffic throughout the course of the development. Based on the current expected program of works the number of vehicle movements are outlined below for the two four main stages of works.</p>								

Legend: Original - Addition - Deletion

Section	Proposed Amendments to approved Management Plans																							
	<table><tr><th>Work Item</th><th>Duration (Months)</th><th>No. of Trucks</th><th>Size of Trucks</th></tr><tr><td>Earthworks (Onsite cut / fill)</td><td>11</td><td>15 bogeys and 160 truck and dogs/day</td><td>13t bogeys and 30t truck and dogs</td></tr><tr><td>Import (Standard Construction Hours)</td><td>8-11</td><td>15 bogeys and 120 – 200 truck and dogs / day</td><td>13t bogeys and 30t truck and dogs</td></tr><tr><td>Import (Out of Hours)</td><td>8-11</td><td>15 bogeys and 200 – 300 truck and dogs / day</td><td>13t bogeys and 30t truck and dogs</td></tr><tr><td>Roadworks</td><td>11</td><td>10 Truck & Dogs per day</td><td>30t truck and dogs</td></tr></table>	Work Item	Duration (Months)	No. of Trucks	Size of Trucks	Earthworks (Onsite cut / fill)	11	15 bogeys and 160 truck and dogs/day	13t bogeys and 30t truck and dogs	Import (Standard Construction Hours)	8-11	15 bogeys and 120 – 200 truck and dogs / day	13t bogeys and 30t truck and dogs	Import (Out of Hours)	8-11	15 bogeys and 200 – 300 truck and dogs / day	13t bogeys and 30t truck and dogs	Roadworks	11	10 Truck & Dogs per day	30t truck and dogs			
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<p>The truck movements associated with the earthworks are for the cartage of imported materials and construction materials as well as any offsite disposal of materials as required.</p>																								
<p>The truck movements associated with the road works are for the cartage of imported materials and construction materials such as sandstone, road base, sand and drainage aggregates needed for the work.</p>																								
<p>All heavy vehicles will access the site via a purpose built import access track which will be accessed via Old Wallgrove Road approximately 300m south of Millner Avenue intersection. The alignment of this haul road is depicted in Appendix C of the CTMP. Once trucks have unloaded they will exit the site via Millner Ave and Old Wallgrove Road. Light vehicles will enter and exit the site via Old Wallgrove Road and Millner Avenue. All vehicles will enter and exit the site and haul road in a forward manner, no reversing.</p>																								
<p>All trucks entering or leaving site with a load will be required to have the load covered to mitigate spoil being transferred to public roads. Truck tyres will also be monitored for soil. To prevent dirtying of public road trucks will not be permitted to leave site with muddy/dirty tyres. A stabilised site access will be utilised and implemented per approved erosion and sediment control plans to further mitigate against dirtying of public roads.</p>																								
Section 6.1.2 – Stage 2 Fill Importation (Northern Precinct)	<p>Amend:</p> <p>Bulk Earthworks Stage 2 comprises of bulk earthworks within the Northern Precinct. There is an external import component of 573,236844,932m3 on this stage. This stage may run concurrently with other stages of the project. Stage 2 will take approximately 4-811 months to complete. All import for Oakdale South has been reallocated to Stage 2 to mitigate noise and dust impacts to sensitive receivers. Precincts 3 & 4 are to be completed using cut / fill from Precincts 1, 2 & 3.</p>																							
Noise and Vibration Management Plan																								
Section 4.1 – Sensitive Receivers	<p>Amend:</p> <p>As identified within the Noise Impact Assessment (SLR, 2015) contained within the Oakdale South SSD6917 Environmental Impact Assessment, it is predicted that there will be negligible vibration and noise impacts associated with the construction of the development.</p> <p>The existing ambient noise environment surrounding the development site is typical of a rural environment, with the natural environment (insects, wind etc) dominating the background noise.</p> <p>The nearest noise and vibration sensitive receivers are residential premises that lie to the east west and north of the project site.</p>																							

Legend: Original - Addition - ~~Deletion~~

Section	Proposed Amendments to approved Management Plans				
	<p>Residences to the east and west of the project site are primarily situated on large rural properties with the closest dwelling approximately 675m to the east and 625m to the west.</p> <p>Residences to the north of the project site are situated in a suburban area approximately 1,500m to the north.</p> <p>During construction, no-sensitive receivers are proposed to be notified of any upcoming out of hour's works due to the negligible noise and vibration impacts.</p>				
Section 5.2.4 – Add 'Import out of hours'	<p>Insert:</p> <p>5.2.4 Out of Hours Import As requested within the Burton Contractors out of hours proposal for import of fill materials from WestConnex, the out of hours for import works associated with the development are as per below:</p> <table border="1"> <tr> <th>Work Type</th><th>Import Hours of Work</th></tr> <tr> <td>Import, place and compaction of fill materials from WestConnex to Precincts 1 & 2</td><td>Monday to Friday: 7pm to 5am Saturday: 12am – 5am Sunday and Public Holidays: No Work</td></tr> </table>	Work Type	Import Hours of Work	Import, place and compaction of fill materials from WestConnex to Precincts 1 & 2	Monday to Friday: 7pm to 5am Saturday: 12am – 5am Sunday and Public Holidays: No Work
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Section 8 – Table 8-1	<p>Insert the following into Table 8.1</p> <p>The <i>Construction Noise and Vibration Impact Statement (CNVIS)</i> prepared by Hutchinson Weller (Appendix A) for the proposed import works states the following mitigation measures should be implemented to ensure compliance with the Nominated Noise Management Levels referred to within the OSE SSD6917 conditions of approval E28ai & E28aii:</p> <ul style="list-style-type: none"> (a) To maintain noise levels within the Noise Management Levels detailed within the INCG, works within zones 1C, 1D & 2A should be undertaken using a single dozer and compactor. (b) Where multiple work zones are intended to be operated in the night period, cumulative impacts are likely. (Note, Burtons do not propose to work within multiple work zones). (c) Additional traffic generation from import operations are considered unlikely to result in a significant adverse impact and therefore no mitigation is considered likely to be required. (d) Potentially affected receivers would be notified of the Out of Hours works in accordance with the requirements of the OSE NVMP. Where necessary, additional noise mitigation measures from OOHV Protocol, as referenced in Section 3.4 will be implemented. (e) Priority will be given to the use of quieter construction methods and plant alternatives where feasible and reasonable. (f) Avoid the use of D10 dozers during night works. (g) If multiple work zones would be operational, undertake further assessment to determine acceptable equipment numbers and locations. (h) Strategically utilise stockpiles as noise screens to the extent practicable. Plant used intermittently to be throttled down or shut down. Noise-emitting plant should be directed away from sensitive receivers where possible. Stationary plant should be located behind a structure or enclosed if practicable. 				

Legend: Original - Addition - Deletion						
Section	Proposed Amendments to approved Management Plans					
	<div>(i) Non-tonal reversing beepers (or an equivalent mechanism) must be fitted and used on all construction vehicles and mobile plant regularly used on site and for any out of hours work.</div> <div>(j) Vehicles would not queue outside of site.</div> <div>(k) Monitoring should be completed to verify the assumptions of the CNVIS regarding estimated equipment noise emissions.</div> <div>(l) In the event of exceedance of nominated noise management levels, the project team will immediately convene and implement relevant mitigation measures to ensure compliance with noise management levels as referred to within OSE SSD6917 conditions of consent.</div>					
Construction Environmental Management Plan						
SSD Conditions of approval table – Condition F1 e)	Amend:					
	<table><tr><th>Condition No.</th><th>SSD6917 Conditions</th><th>CEMP Reference</th></tr><tr><td>F1 e)</td><td>Describe all activities to be undertaken on the site during the construction of the Development, including a clear indication of construction stages</td><td>Section 2.3 (pp. 20-21) St 1 – Bulk Earthworks – 4 Months St 2 – Bulk Import Earthworks North Precinct – 4-8-11 Months St 3 – Bulk Import Earthworks South Precinct – 3 Months St 4 – Infrastructure on the North Precinct – 2.5 Months St 5 – Infrastructure on the South Precinct – 2.5 Months St 6 – Bulk Earthworks & Infrastructure to precinct 6 – 2.5 Months</td></tr></table>	Condition No.	SSD6917 Conditions	CEMP Reference	F1 e)	Describe all activities to be undertaken on the site during the construction of the Development, including a clear indication of construction stages
Condition No.	SSD6917 Conditions	CEMP Reference				
F1 e)	Describe all activities to be undertaken on the site during the construction of the Development, including a clear indication of construction stages	Section 2.3 (pp. 20-21) St 1 – Bulk Earthworks – 4 Months St 2 – Bulk Import Earthworks North Precinct – 4-8-11 Months St 3 – Bulk Import Earthworks South Precinct – 3 Months St 4 – Infrastructure on the North Precinct – 2.5 Months St 5 – Infrastructure on the South Precinct – 2.5 Months St 6 – Bulk Earthworks & Infrastructure to precinct 6 – 2.5 Months				
Section 2.3.2 – Stage 2 – Fill Importation (Northern Precinct)	<div>Amend:</div> <div>Bulk Earthworks Stage 2 comprises of bulk earthworks within the Northern Precinct. There is an external import component of 573,236844,932m3 on this stage. This stage may run concurrently with other stages of the project. Stage 2 will take approximately 4-8-10 months to complete. All import for Oakdale South has been reallocated to Stage 2 to mitigate noise and dust impacts to sensitive receivers. Precincts 3 & 4 are to be completed using cut / fill from Precincts 1, 2 & 3.</div>					
Section 3.3.3	<div>Amend table to insert the following:</div> <div>Aspect: Noise – Import out of Hours</div> <div>Impact: Complaints, Occupational health hazard</div> <div>Probability: B</div> <div>Consequence: 3</div> <div>Risk: 9 (M)</div> <div>Actions / Controls:</div> <div>Reference: Refer Noise Impact Assessment prepared by Hutchison Weller</div> <div>Objective: Noise levels within regulatory guidelines in accordance with the OSE SSD6917 conditions of consent</div> <div>Responsibility: Plant Manager / Foreman / Project Manager</div> <div>Activity: Out of hours Import works (Day to day construction)</div> <div>Monitoring: Monitoring of noise emissions at several of the key sensitive receiver locations to ensure compliance within nominated noise management levels referred to within the OSE SSD6917 conditions of consent.</div>					

Legend: Original - Addition - ~~Deletion~~

Section	Proposed Amendments to approved Management Plans
Section 3.7.4 – Additional Works Agreed Outside of Standard Construction Hours	<p>Amend as follows:</p> <p>Works outside of standard construction hours can be undertaken if:</p> <ul style="list-style-type: none"> a) Delivery of oversized plant or structures that police or other authorised authorities determine require special arrangements to transport along public roads is required; b) Emergency work is required to avoid the loss of lives of property, or prevent environmental harm; c) construction works that generate noise that is: <ul style="list-style-type: none"> a. no more than 5 dB(A) above rating background level at any residence in accordance with the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009); and b. no more than the noise management levels specified in Table 3 of the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009) at other sensitive receivers; or d) for the delivery of materials required outside these hours by the NSW Police Force or other authorities for safety reasons; or e) where it is required in an emergency to avoid the loss of lives, property and/or to prevent environmental harm; or f) works approved through an EPL, or by the Secretary; or g) Works as approved through the out-of-hours work protocol outlined in the CEMP as required by Condition F1. b)h) Import, placement and compaction of fill materials to Precinct 1 & 2 whilst ensuring compliance with the nominated noise management levels referred to within the OSE SSD 6917 conditions of consent and in accordance with out of hours proposal detailed within AT&L letter dated 14/03/2017 REF: 14-193_ATL_L023_17-03-14.
Section 6.3 – Notification	<p>Insert:</p> <p>Burton Contractors will notify Goodman within 24hrs in the event of noise emissions exceeding nominated noise management levels as referred to within the OSE SSD6917 conditions of consent.</p>
Section 8.2 – Project Records	<p>Insert the following bullet point:</p> <p>* Monitoring and monthly reporting of noise emissions at several of the key sensitive receiver locations.</p>
Construction Community Liaison Plan (Appendix J of CEMP)	
Section 6 – Table 6.1	<p>Amend table to insert the following:</p> <p>Activity: Import out of Hours Impact: Noise, Air Quality, Vibration, Disruption to Traffic Risk of Impact to Community: Low Actions/Controls: Nearby residents and sensitive receivers provided with notification prior to works commencing and contact number in the event of complaints. Works to approved construction hours. Mitigation measures to be implemented as described within the Construction Noise and Vibration Impact Statement prepared by Hutchison Weller. Monitoring of noise at Sensitive Receiver locations. Objective: Noise levels within with the noise requirements of the OSE SSD6917 consent conditions, specifically conditions E28ai & E28aii. Responsibility: Plant Manager / Foreman / Project Manager / All Workers</p>

Appendix F

Construction Traffic Impact Assessment

15 March 2017

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Sydney NSW 2000

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Attention: Richard Seddon

RE: Oakdale South Industrial Estate (SSD6917) – Amendment to CTMP to Permit Night-time Construction Traffic

Dear Richard,

We refer to your correspondence regarding the proposed amendment of the CTMP to permit night-time construction, and the suitability of the road network to accommodate the additional construction vehicle volumes. In this regard, we have reviewed all relevant information provided to us and now advise as follows.

Construction Vehicle Volumes

The expected peak construction vehicle volumes are expected to occur during the initial earthworks stages which will require the importation of approximately 1,010,000m³ of fill material. Truck and dog vehicles will generally be used to deliver this fill over a period of 22 months distributed over 3 stages of construction. The relevant construction stages are provided in the Oakdale South Civil Report prepared by AT&L and summarised below:

- Stage 1 to import 624,000m³ at 2,000m³ per day via Truck and Dog holding 11m³ with 180 truck movements per day for 12 months.
- Stage 2 to import 339,000m³ at 2,000m³ per day via Truck and Dog holding 11m³ with 180 truck movements per day for 8 months.
- Stage 3 to import 47,000m³ at 2,000m³ per day via Truck and Dog holding 11m³ with 180 truck movements per day for 2 months.

A total of 180 truck movements per day equates to an average of 22 movements per hour (assuming 8 hours per day for construction). It is however noted that additional construction vehicle movements may also occur during, and outside of the time associated with the construction and fit out of particular stages of development. The timing and extent of works, however is currently not known. Accordingly, based on the information currently available, and assuming a worst-case analysis, it has been assumed that the peak on-site construction activities may result in up to 50-100 vehicle movements per day depending on the adopted staging and construction of precincts.

In addition to the day time volumes nominated above, night time movements are also proposed between 19:00 – 05:00. The increased traffic generated by these works is expected to be an additional 200 – 300 trips per night under for the duration of both Stage 1 and Stage 2.

Haulage Routes

The haulage route adopted for this application would seek to use the arterial road network as much as possible with the use of local streets where only required. In this regard, haulage trucks would utilise arterial roads only by using Old Wallgrove Road to enter/exit the regional road network from the M7 to the source of fill material.

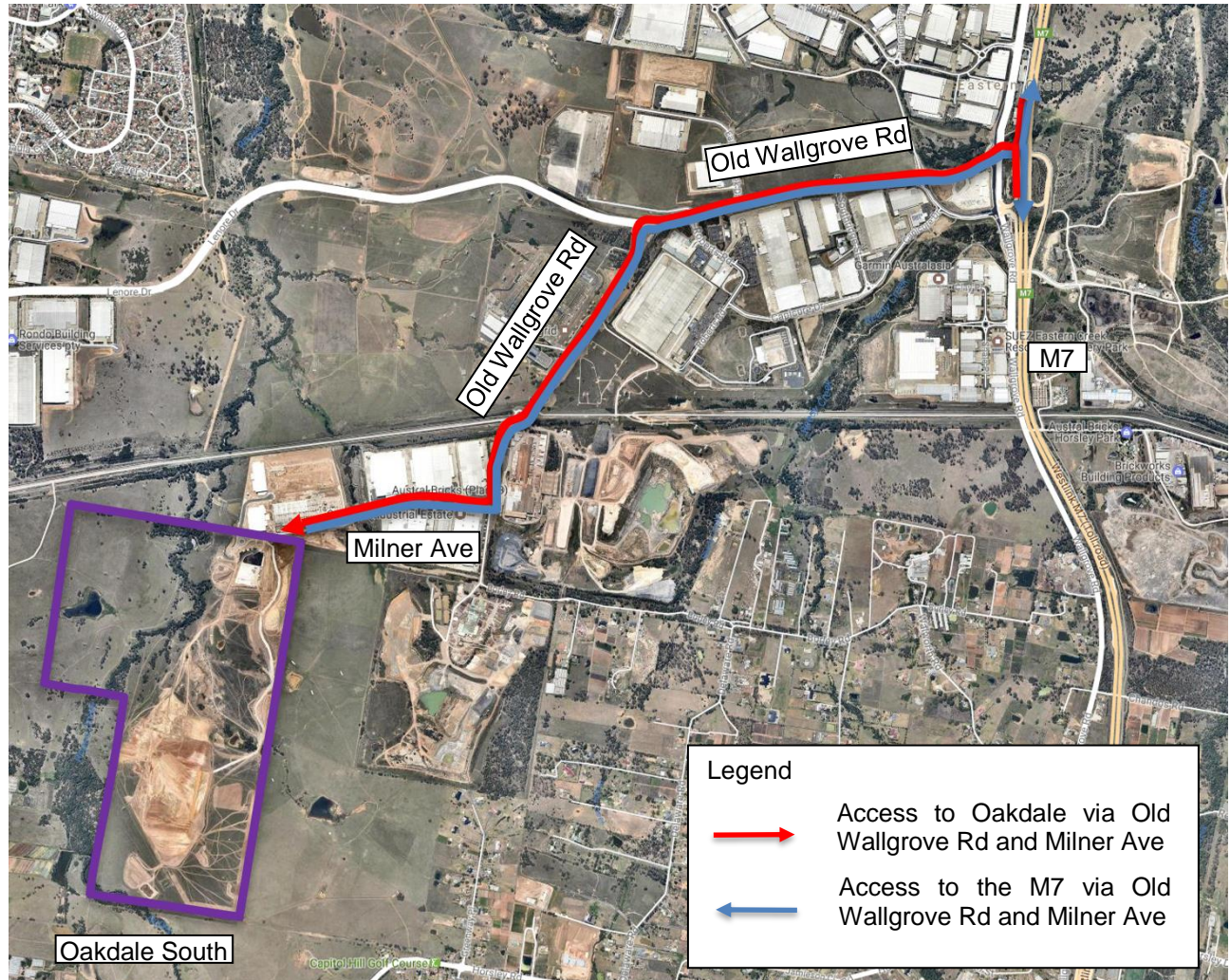


Figure 1: Construction vehicle routes for night-time operation

Intersection During Construction – Day-time Operation

For the purposes of this assessment it is assumed that truck arrivals will be divided equally between arriving and departing from each direction of the M7 motorway. The proposed construction traffic will therefore have a satisfactory impact on the operation of the road network particularly having regard for the future generation of The Site (645 peak trips per hour). Furthermore, upgrades to OWR are expected to be completed by 2017 and as such the additional intersection and network capacity resulting from these upgrades is considered adequate to accommodate any future movements.

Intersection During Construction – Night-time Operation

For the purposes of this assessment it is assumed that truck arrivals will be divided equally between arriving and departing from each direction of the M7 motorway. The proposed night-time deliveries are planned between 19:00 and 05:00, which sits outside the current morning and afternoon peak periods. Furthermore, upgrades to OWR are expected to be completed by 2017 which will create a greater network capacity for the surrounding area. In this regard, OWR and the greater road network is considered adequate to accommodate these additional night time movements.

Construction Impact Summary – Day-time Operation

It is evident that the likely future traffic volumes will be less than those assumed under the ultimate operation of The Site and hence the impacts of the construction works will be limited. Notwithstanding, it is proposed that a Construction Traffic Management Plan be lodged with Council prior to the issue of any Construction Certificate and once the known staging and operational impacts can be assessed in greater detail.

Construction Impact Summary – Night-time Operation

Traffic volumes generated by the night-time operations of The Site will be less than the assumed volumes under full capacity and less than the volumes that will occur during the day-time operations. Although there will be more construction vehicles at night, the ancillary commuter and resident traffic will be at a minimal, resulting in additional spare capacity at key intersections.

Conclusion

The analysis has been undertaken regarding the amendment of the CTMP to permit night-time construction traffic, and the findings have determined that the net effect of night-time operation will have a negligible impact on the immediate and greater road networks.

Please contact the undersigned should you have any questions or wish to discuss the matter further.

Yours sincerely,



Andrew Johnson

Director – Ason Group

Email: andrew.johnson@asongroup.com.au

Appendix G

Burtons Driver Code of Conduct



391 OAKDALE SOUTH ESTATE

MINIMUM MANDATORY PPE REQUIREMENTS AND IMPORT PROCEDURES AND REQUIREMENTS FOR OUT OF HOURS WORKS.



PROJECT CONTACTS		
Position	Name	Phone No.
Site Supervisor	Patrick Bradbury	0418 286 433
Engineer	Richard Smith	0477 026 855
Engineer	Andrew David	0408 725 409
Leading Hand	Luke Franklin	0438 658 983

1. Site Access Instructions

- End of Millner Ave
- See map attached

2. Site Specific Requirements

- High-vis long-sleeve Vest
- Hard Hat
- Steel Cap Boots
- Long pants

3. General Requirements

The following actions must occur:

- All directions from site traffic controllers / Site Supervisor and Leading Hands must be followed,
- Site Vehicle Movement Plans must be adhered to,
- All site signage is to be adhered to,
- Vehicles must enter the site via the clearly defined access road and drive directly to the loading / unloading area,
- Give way to pedestrians that may be using site footpaths,
- Observe posted site speed limits,
- Make use of a spotter as necessary when reversing or tipping,
- Be polite and respectful to all personnel. Aggressive or threatening behavior will not be tolerated,
- DO NOT TIP UNDERNEATH OVERHEAD POWER LINES

4. Vehicle Requirements

All vehicles entering site must have a functioning:

- Reverse alarm,
- Rotating amber beacon,
- UHF radio tuned to the site UHF channel,
- Head, stop, tail and reversing lights,
- Indicators and horn, and
- Tested and tagged fire extinguishers are to be inside the cabin and accessible in the case of an emergency – as required when transporting dangerous goods or flammable materials.

5. Delivery Timings

Unless advised otherwise, deliveries and cartage vehicles will not be accepted outside of the hours of:

- 7.00am to 5.00pm Monday to Friday
- 8.00am to 1.00pm Saturday
- Out of hours works (OOH) are subject to approval. See point 8. For further requirements regarding OOH works

6. Driver Duties

While approaching, on and exiting site, all drivers has a general duty to:

- Contact Site Supervisor / Leading Hand on UHF Channel 11 prior to arrival on site,
- Wait in a nominated waiting zone if instructed,
- Remain inside your vehicle at all times where possible,
- Ensure your Drivers Licence is with you,
- Remain aware of the possible presence of overhead cables on site,
- Not be under the influence of drugs and alcohol – random testing may take place,
- Present yourself in a fit state to carry out your tasks safely,
- Follow all lawful instructions, site procedures and practices,
- Ensure you are wearing minimum PPE if required to exit vehicle,
- Report all hazards to a Burton worker immediately,

- Report any incident, accident or near miss you may witness or be personally involved with to a Burton Supervisor immediately,
- Do not smoke in areas designated as “No Smoking”,
- Avoid adversely affecting the health and safety of other persons or the environment through any act or omission.

7. Loading and Unloading Vehicle

The general procedure for loading and unloading is as follows:

- Contact the Site Supervisor / Leading Hand by UHF radio and report to the nominated area to unload goods,
- All directions of the Site Supervisor are to be followed,
- Do not approach working plant you have verbal / visual communication with the operator,
- Drivers are responsible for checking that the load has not shifted prior to undoing tie-downs,
- All lifting equipment must have current inspection tags and be inspected prior to use,
- Trucks carting spoil or waste from the site must ensure the load is covered before leaving the site,
- Loads to be secure before entering main roadways, and
- Tyres and side boards are to be free of mud and debris before leaving site (as far as possible),
- Concrete waste is to be washed out in designated wash out bays only.

8. Out of Hours Noise Minimisation Requirements and Procedures for Night Material Import.

The general requirements and procedure for out of hours (OOH) material import works in addition to the above are as follows:

- Limit machine and truck idle times while on site. Trucks are not to park-up under idle for any time over the general requirement to clean draw bars or similar. Any rest breaks are to be taken either prior or post entering the work site.
- Compression breaking is to be kept to a minimum while entering or leaving site.
- Minimise slamming of bin tailgates during tipping. Truck drivers will be instructed to either run the tipped loads out, or tip each bin in a two stage process to avoid having the tailgates drag over the tipped material and slamming into the bin.
- Behavioral practices shall suit the OOH conditions. No swearing or unnecessary shouting or loud stereos/radios on site. No dropping of materials from height, throwing items and slamming of doors.
- Trucks are not to queue up outside residential properties.