





# ALBION PARK RAIL BYPASS STAGE 2: PRINCES MOTORWAY BETWEEN YALLAH AND OAK FLATS

# ENVIRONMENTAL REPRESENTATIVE'S MONTHLY REPORT – OCTOBER 2020

Date of Issue: 10 November 2020

Job Reference: AL17-274-2

**Environmental Representative:** 

Toby Hobbs – Principal

Report No.: AL17-274 ER October 2020 Report

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### **GLOSSARY OF TERMS AND ABBREVIATIONS**

Term	Definition
APRb	Albion Park Rail bypass
CAR	Corrective Action Request
CCS	Community Communication Strategy
СЕМР	Construction environmental management plan
CoA	The Planning Minister's conditions of approval
CRSC	Croom Regional Sporting Complex
CRM	Community Relations Manager
dB(A)	Decibel: unit of sound pressure level
DP&E	Department of Planning and Environment (superceded by DPIE in July 2019)
DPI	Department of Primary Industries
DPIE	Department of Planning, Industry and Environment (formerly DP&E)
EIR	Environmental Inspection Report
EIS	Environmental Impact Statement
ER	Independent Environmental Representative nominated by Roads and Maritime Services (TfNSW as of December 2019) and approved by DP&E (DPIE as of July 2019)
EMS	Environmental management system
EPA	NSW Environment Protection Authority
EPL	Environment Protection Licence
ENMM	Environmental Noise Management Manual (RTA 2001)
EP&A Act	Environmental Planning and Assessment Act 1979
EPBC Act	Commonwealth Environment Protection and Biodiversity Conservation Act 1999
ESCP	Erosion and Sedimentation Control Plan
ESM	Environment and Sustainability Manager
EWMS	Environmental Work Method Statement
NOW	NSW Office Of Water
OEH	Office of Environment & Heritage
ОЕМР	Operational environmental management plan
OOHW	Our of hours works
PESCP	Progressive erosion and sediment control plan
POEO Act	Protection of the Environment Operations Act 1997

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Term	Definition
(the) Project	Albion Park Rail bypass Stage 2 (Princes Motorway between Yallah and Oak Flats)
Roads and Maritime	Roads and Maritime Services
Secretary	Secretary of DP&E (DPIE as of July 2019)
Stage 1	Stage 1 of the Albion Park Rail bypass (Croom Regional Sporting Complex Reconfiguration)
Stage 2	Stage 2 of the Albion Park Rail bypass (Princes Motorway between Yallah and Oak Flats)
Stage 3	Stage 3 of the Albion Park Rail bypass (Yallah Interchange)
SPIR	Submissions and preferred infrastructure report
SSI	State Significant Infrastructure
TfNSW	Transport for NSW
UDLCS	Urban Design and Landscape Character Strategy

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#### INTRODUCTION

This document presents the Environmental Representative's (ER) monthly report for 01 – 31 October 2020 for the works associated with Albion Park Rail bypass (APRb) Stage 2 (Princes Motorway between Yallah and Oak Flats), herein referred to as the "Project".

The Albion Park Rail bypass will provide a 9.8 kilometre extension of the Princes Motorway between Yallah and Oak Flats and key design features include:

- Two lanes in each direction divided by a median;
- Three interchanges provided at Yallah, Albion Park and Oak Flats connecting the local road network with the motorway;
- Bridges to carry the motorway over Duck Creek, Macquarie Rivulet, Frazers Creek, the Princes Highway, Tongarra Road and the South Coast Rail Line;
- Bridges to carry local roads and ramps over the motorway;
- Bridges to provide improved floodwater conveyance and flood immunity;
- Local road changes or upgrades, including Yallah Road between Larkins Lane and Princes Highway at Yallah, replacing the existing East West Link with the motorway and a new local service road which runs parallel to the motorway on the southern side, connecting the Oaks Flats interchange with Croome;
- Improved pedestrian and cycle connections; and
- Replacement of directly impacted sporting facilities at the Croom Regional Sporting Complex (CRSC), including sporting fields and associated amenities and changes to the southern access of the sporting complex.

Minister's Conditions of Approval (MCoA) were issued by the Minister for Planning, NSW Department of Planning and Environment (DP&E) under Section 115ZB of the Environmental Planning and Assessment Act 1979 on 30 January 2018. A modification (MOD 1) was approved by DP&E (now the NSW Department of Planning, Industry and Environment [DPIE]) on 25 October 2018 which incorporated a definition of "Heavy vehicle" and replacement of Conditions E51 (Building and Condition Structure Surveys) and E75 (Road Dilapidation Reports).

In accordance with the Project Approval, the Albion Park Rail bypass Project will be delivered in the following three stages:

- Stage 1: Croom Regional Sporting Complex (CRSC) reconfiguration;
- Stage 2: Princes Motorway between Yallah and Oak Flats; and
- Stage 3: Yallah Interchange.

The key features of Stage 2 of the Project, and the subject of this report, include:

- A 9.8 kilometre extension of the Princes Motorway between Yallah and Oak Flats bypassing Albion Park Rail:
- · A central interchange at Albion Park;
- A southern interchange at Oak Flats;
- 13 new bridges;

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- · Pedestrian and cyclist facilities to improve connectivity; and
- Local road upgrades on Tongarra Road and Yallah Road.

Stage 2 construction works commenced on 07 January 2019 following DP&E's (now DPIE) approval of the Construction Environmental Management Plan (CEMP), inclusive of sub-plans, and the fulfillment of other pre-construction requirements.

Required Environmental Representative (ER) services are listed under the Minister for Planning's Conditions of Approval applicable to the Project. In particular, Condition A22 provides for the appointment of the ER to be approved by the Secretary to provide a range of services related to management issues concerning the environmental performance of the Project.

Mr Toby Hobbs of Vantage Environmental Pty Ltd (Vantage) was appointed by Roads and Maritime Services as the Project ER and endorsed for this role by the Department of Planning and Environment on 08 February 2018. Mr Hobbs is an environmental scientist with approximately 20 years of experience and is accredited as a Principal Environmental Auditor by Global Exemplar.

#### **SUMMARY OF SIGNIFICANT WORKS**

During the current reporting period, the following site-based activities occurred:

- Earthworks including placement of fill materials and drainage materials;
- Development of cuts;
- Placement of road pavement materials;
- Finishing, inclusive of revegetation, of the new East West Link/Bypass noise mound;
- Bridge and shared-path construction;
- Drainage works;
- Maintenance and installation of environmental controls including sediment basins, clean-water diversion drains and site access points;
- Installation of at-house noise mitigation measures;
- Community liaison; and
- Utility and property adjustments.

#### STATUS OF ENVIRONMENTAL DOCUMENT REVIEW

The date of issue of the most recent ER endorsement on the Construction Environmental Management Plan (CEMP) and sub-plans associated with Stage 2 of the Project works is shown on Table 3.1, below. Initial approval of the noted plans was provided by DP&E (now DPIE) between 07 and 21 December 2018. Subsequent DPIE approvals, where required, and/or ER endorsement of the plans following periodic review are also noted on Table 3.1, below.

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TABLE 3.1: Summary of ER's Endorsement of CEMP and sub-plans

Plan Name and Details (most recent version)	Date of Issue of ERs Endorsement	Date of DP&E (now DPIE) Approval
Waste and Energy Management (Appendix B7), Rev. 5, 17 March 2020	30 March 2020	N/A: Provided to DP&E (now DPIE) for information only
Contaminated Land Management Sub-plan (Appendix B9), Rev. 5, 16 March 2020 [updated]	03 April 2020	N/A: Provided to DP&E (now DPIE) for information only
Flora and Fauna Management Sub-plan (Appendix B2), Rev. 11, 16 March 2020	20 March 2020	07 December 2018*
Noise and Vibration Sub-plan (Appendix B3), Rev. 9, 28 September 2020 inclusive of Construction Noise and Vibration Monitoring Program	30 September 2020	07 December 2018
Construction Environmental Management Plan, Albion Park Rail bypass (Stage 2 – Princes Motorway between Yallah and Oak Flats), Rev. 11, 28 September 2020	30 September 2020	07 December 2018
Soil and Water Management Sub-plan (Appendix B4), Rev. 9, 27 April 2020 inclusive of Construction Groundwater Monitoring Program and Construction Surface Water Monitoring Program	11 May 2020	07 December 2018
Air Quality Management Sub-plan (Appendix B6), Rev. 8, 20 February 2020 inclusive of Construction Air Quality Monitoring Program	26 February 2020	25 March 2020
Heritage Management Sub-plan (Appendix B5), Rev. 9, 12 March 2020	16 March 2020	29 November 2018*
Traffic and Transport Management Sub-plan (Appendix B1), Rev. 13, 22 November 2019	23 January 2020	29 November 2018*
Flooding and Hydrology Management Sub-plan (Appendix B8), Rev. 12, 21 June 2019	21 June 2019	21 December 2018
Ancillary Facilities Management Plan, Rev. 9, 09 September 2020	30 September 2020	02 August 2019

<sup>\*</sup>DP&E (now DPIE) approval was subject to further updates which was subsequently addressed

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#### **EVALUATION OF CONSTRUCTION ACTIVITIES**

#### 4.1 **Site Monitoring**

The ER completed two (2) site visits to view the Project works on 08 and 20 October 2020. The site visits involved an inspection of on-site works as well as an assessment of general compliance with associated Project Approval conditions.

Copies of the Environmental Inspection Reports (EIR) that were used to record site observations during the routine site visits are presented as Appendix A. The EIRs contain an on-site checklist developed by TfNSW that allow for the systematic recording of on-site environmental issues, observations of concerns and/or potential non-conformities.

The personnel who attended the site visits are listed below.

Date of Site Visit	Personnel Present
08 October 2020	Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).
20 October 2020	Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

Key items discussed and viewed during the above-noted site visits included:

- Stabilisation of work areas within close proximity of waterways;
- Environmental control measures for bridge deck concrete pours, curing compound application and paving;
- Maintenance of environmental controls associated with erosion/sedimentation risk reduction;
- General housekeeping including management of construction waste materials and spill management;
- Management of potential dust emissions;
- Management of sensitive areas including exclusion zones/signage for vegetation; and
- Installation of at-house noise mitigation measures.

#### 4.2 **Independent Auditing**

In accordance with Infrastructure approval conditions A33 to A37 and the approved CEMP, independent environmental auditing for the Project has been undertaken in accordance with ISO 19011:2014 -Guidelines for Quality and/or Environmental Management Systems Auditing. The first audit, covering the initial period of construction, was undertaken on 14 and 15 November 2019 which is consistent with the requirement of condition A36 to conduct the first audit within 12 months of commencing works. The report associated with the audit was issued to DPIE on 19 December 2019.

The second independent environmental audit for the Project is currently underway and the ER confirmed that the site visit associated with the audit was conducted by the Auditor, Mr Richard Peterson of Aitkens/SNC, on 13 and 14 October 2020. It is expected that the report associated with the audit will be issued by the end of November 2020. Based on preliminary correspondence between the ER and the Auditor, it is understood that no significant issues were identified during the audit and there was a high level of compliance with Infrastructure approval conditions observed.

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#### 4.3 Site Issues

Based on the ER's October 2020 site observations and reviews, construction works were deemed to remain generally consistent with management plan commitments as well as EPL and Infrastructure approval conditions. Overall, the standard of site management was high with risks appropriately managed. EPA personnel that were present for the site visit of 08 October 2020 noted that the standard of environmental management across the site was in line with EPA's expectations and no issues/concerns were noted.

There were no (0) non-conformities or reportable incidents identified with respect to the Infrastructure approval.

A total of 114.4mm of rainfall was recorded at the Albion Park (Shellharbour Airport, Station 068241) Bureau of Meteorology weather station during October 2020, which was greater than the average reported rainfall for October of 65.7mm for the same weather station. It is noted that over 45mm was received at the monitoring station during a single, high intensity, rainfall event of brief duration on 31 October 2020. The rain event caused localised flooding and damage in the Albion Park Rail and Albion Park region, however site personnel reported that, while some rain damage occurred within the Project corridor, it was generally minor in nature as a result of the progressive stabilisation of the site that has occurred during the construction program. Reporting to EPA regarding the discharge from water quality basins, due to cumulative rainfall in excess of the defined 5-day rain event, was conducted in accordance with EPL conditions.

Following the site visits of 08 and 20 October 2020, the Environmental Inspection Report status of the site was reported as "green" because environmental controls in those areas of the site that were reviewed were deemed to be appropriate and consistent with regulatory and Project approval requirements.

There were two (2) internal incidents during the reporting period:

- The first incident occurred at Gate 2 (Dapto offramp) on 08 October 2020 and was reported as
  a moderate (approx. 100L) hydraulic fluid spill from a truck and dog during tipping of fill
  material. The location was approximately 60m from the nearest waterway (Duck Creek) and
  two spill kits (located within 50m of the spill) were used to contain and remove the oil; and
- The second incident occurred at the Gate 2 minor ancillary site and was reported as a minor (1L) diesel fuel spill from a site caravan generator fill point. The location was approximately 100m from the closest waterway and a spill kit located next to the caravan was used to contain the spill. A spill pad has now been placed in the generator spill tray as a mitigation measure against potential future spills.

#### 4.4 Community Consultation and Complaints Register

To assess the outcome of the Project community consultation and complaints registration process, the ER held periodic discussions with TfNSW and Fulton Hogan personnel and completed a review of the content of the Project complaints register system, known as "Consultation Manager", which is in use during construction of the Project. The system is used to record and manage issues related to community consultation and feedback, inclusive of complaints related to environmental performance during construction works. The system has been designed to log standardised details of any complaints associated with the Project with a rapid response mechanism to provide further information to potential complainants.

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There were zero (0) complaints received by the Project community liaison team during the current reporting period that related to environmental management matters during both standard and nonstandard (i.e. approved Out of Hours Works [OOHW]) construction hours.

The OOHW were conducted in accordance with Section L4.4 of the Project EPL and it is understood that Fulton Hogan personnel advised EPA, the Transport Management Centre (TMC) and potentially impacted receivers of the OOHW prior to commencement of works. A general notification to residents of scheduled OOHW for October 2020 was posted to the Project website and is available at the following web address:

https://www.rms.nsw.gov.au/projects/01documents/albion-park-rail-bypass/albion-park-rail-bypassoctober-work-notication-2020-09.pdf

On-going consultation with stakeholder groups, agency representatives and residents within the area of the Project corridor regarding upcoming works were also completed by TfNSW and Fulton Hogan during the current reporting period.

The most recent community information session was held on 15 January 2020 at the Project's site office in Albion Park Rail to provide residents and stakeholders with an update on Project progress, an opportunity to meet the Project team and ask any relevant questions. Community information sessions have been temporarily ceased due to the COVID-19 pandemic.

Web-based Project information is available at the following web address:

https://www.rms.nsw.gov.au/projects/albion-park-rail-bypass/index.html

The "Latest News" section of the website for August 2020 discussed the re-opening of Croome Road with the new Croome Road bridge open to traffic and associated shared path area for pedestrian and cyclists.

The COVID-19 community consultation management measures implemented during March 2020 have also been published on the Project website. The Project team will continue to monitor the COVID-19 situation and provide further information on the website where required.

The latest Project update was released in August 2020 and discussed the following:

- Opening of the first of the Project's 13 bridges to traffic;
- An update of works since the last Project update in May 2020;
- Upcoming works (including reference map);
- A request for Community feedback;
- Opening of Croome Road bridge and shared path;
- Final stage of Croom Regional Sporting Complex access road;
- Traffic changes on the East West Link; and
- Contact details for the Project.

The Project update can be viewed at the following web address:

https://www.rms.nsw.gov.au/projects/01documents/albion-park-rail-bypass/aprb-project-update-2020-08.pdf

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# 4.5 Implementation, Effectiveness and Level of Compliance with Project CEMP and Approval Conditions

There were no (0) non-compliance issues identified with respect to the Infrastructure approval and implementation of associated construction-related management strategies.

There were no (0) reportable environmental incidents, as defined in accordance with Infrastructure approval condition A38.

The most recent Construction Compliance and Construction Monitoring Programs Report, covering the period of 08 January to 07 July 2020, was endorsed by the ER on 27 August 2020 prior to submission to DPIE.

The operational noise mitigation treatment program for the Albion Park Rail bypass project is progressing well and in accordance with the requirements of condition E46 of the Infrastructure approval. The Project team report that further monitoring and analysis is being undertaken at the Albion Park Public School by specialist acoustic consultants during November 2020. This monitoring is being conducted to assist in verification of the predicted operational noise levels from the Project compared to the internal classroom criteria set by the NSW Road Noise Policy (DECCW, 2011). Upon completion of the monitoring, analysis will confirm if the internal classroom criteria has been exceeded as a result of the predicted operational noise levels from the Project and, if so, what the noise treatment measures required to mitigate this may be.

#### 4.5.1 Aviation Management Plan

The Aviation Management Plan for Shellharbour Airport was recently amended to include a new version of the Aviation Method of Working Plan (MoWP). The ER endorsed the most recent update (version 7) on 16 October 2020 following the authorisation of the Assistant Airport Manager.

The Wings over Illawarra air show that was scheduled to held during May 2020, and was subsequently postponed until 07-08 November 2020 due to the COVID-19 pandemic, has now been cancelled and rescheduled for November 2021.

The Illawarra Convoy that was scheduled for 15 November 2020 will not include the truck and motorcycle convoy due to the COVID-19 pandemic.

#### 4.6 Review of Corrective/Preventative Measures

There are currently no (0) ER-issued Corrective Action Requests (CARs) outstanding on the Project.

#### 4.7 Requested Changes to Project CEMP

There were no (0) requested changes to the Project CEMP during the current reporting period.

#### 5 SITE INDUCTION PROCESS

The ER conducted a detailed review of the content of the site induction for Project works during July 2020. Based on the review it was deemed that the induction content placed an adequate emphasis on environmental management priorities and requirements for the Project.

The next site induction review will be undertaken during January 2021.

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#### **MEETINGS**

#### 6.1 **Environmental Review Group**

The sixth Environmental Review Group (ERG) meeting for the Project (ERG Meeting No. 6) was held on 28 July 2020. Due to the COVID-19 pandemic social distancing measures, the meeting was held virtually via MS Teams. The meeting involved an open discussion with attending ERG Members as well as representatives of Transport for NSW and Fulton Hogan management, construction and environment teams.

The next ERG meeting is scheduled to be held on 03 November 2020.

#### **DOCUMENTATION ISSUED BY THE ER**

#### 7.1 **Corrective Action Requests**

No ER-issued Corrective Action Requests (CARs) were raised during the current reporting period.

#### 7.2 **Certifications and Endorsements**

A summary of ER Certifications, Approvals and Consistency Reviews associated with the Project that have been issued is provided within Appendix B of this report.

#### 7.3 **Directions/Advice/Requests**

During the current reporting period, the ER provided written and verbal correspondence to Fulton Hogan and TfNSW personnel regarding environmental management strategies associated with the Project.

#### 8 ADDITIONAL SERVICES DIRECTED BY TRANSPORT FOR NSW SERVICES

There were no additional services directed during the current reporting period.

#### 9 DOCUMENTATION RECEIVED FROM TRANSPORT FOR NSW AND OTHER **PARTIES**

During the current reporting period, the ER received correspondence from TfNSW and Fulton Hogan relating to the following:

- Results of on-going environmental and compliance monitoring;
- Consistency Review documentation;
- Scheduled Out of Hours Work to be completed in accordance with the Project Environmental Protection Licence;
- Proposed post-approval management plan amendments and review outcomes;
- Information associated with the close-out of issues identified during routine site visits as documented on the Environmental Inspection Reports (EIR); and
- Community consultation and complaints handling information.

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#### 10 **CLOSING COMMENTS**

Based on the ER's October 2020 site observations and reviews, construction works were deemed to remain generally consistent with management plan commitments as well as EPL and Infrastructure approval conditions. Overall, the standard of site management was high with risks appropriately managed. EPA personnel that were present for the site visit of 08 October 2020 noted that the standard of environmental management across the site was in line with EPA's expectations and no issues/concerns were noted.

There were no (0) non-compliance issues identified with respect to the Infrastructure approval and implementation of associated construction-related management strategies.

There were no (0) reportable environmental incidents, as defined in accordance with Infrastructure approval condition A38.

#### 11 LIMITATIONS

This report has been prepared in accordance with NSW Department of Planning, Industry and Environment requirements and guidelines. While all reasonable attempts have been made to ensure the accuracy of the content of this report, Vantage Environmental Management Pty Ltd excludes implied warranties and conditions to the extent legally permissible.

The information and assumptions presented within this report, inclusive of evaluation of construction activities and compliance, are based on viewed site conditions and information provided by TfNSW, their contractors and consultants as well as other stakeholders. Liability arising from any of the assumptions being incorrect is disclaimed and no responsibility will be taken for any damage or loss that may occur through either the use or reliance of the content of this document for purposes other than for which it was prepared.

This report should be considered in its entirety and not relied on, released to, or duplicated by third parties in whole or in part without the permission of Transport for NSW, the NSW Department of Planning, Industry and Environment and Vantage Environmental Management Pty Ltd.

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# Appendix A

**Environmental Inspection Reports:** 

08 October 2020

20 October 2020

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**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

**DATE OF INSPECTION:** 08 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

**WEATHER CONDITIONS:** Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

Green

**STATUS:** 

NO. LOCATION ISSUE/COMMENT CODE RISK ACTION (Contractor or RMS)	CLOSE OUT DATE
Cut 1/Fill 4 Additional finishing works, inclusive of topsoiling and hydroseeding has been undertaken with good results evident.  GEN-POS N/A Noted. Finishing works ongoing in the area hydroseeding has been undertaken with good results evident.	OUT DATE



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 08 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

**WEATHER CONDITIONS:** Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

**STATUS:** 

Contractor Futtori I						Green	
NO.	LOCATION			CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
2	Yallah Road Bridge/Fill		ell stabilised. Appropriate controls in place as usion zone fencing and flagging in place as per	GEN-POS	N/A	Noted	



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 08 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

**WEATHER CONDITIONS:** Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

**STATUS:** 



NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
3	Duck Creek/ Fill 1	south of Bridge good results ev in place for acti	d finishing in progress. Drainage channel to a 1 has been completed and hydroseeded with ident. Please ensure temporary controls are live works to north of Bridge 1 as per ESCP. It is saing is well maintained and spill kits are	ESC-DAU	Low	Controls installed as per PESCP at end of shift including diversion drains into basin.  Removal of temporary creek crossing has commenced	9/10/2020



**PROJECT:** Albion Park Rail bypass (Stage 2 - Yallah to Oak Flats)

**WORKS UNDERTAKEN BY:** 

**DATE OF INSPECTION:** 08 October 2020

ATTENDEES: Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

**STATUS:** 

Contr	Contractor – Fulton Hogan (FH)						Green
NO.	LOCATION	ı	SSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 08 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

**WEATHER CONDITIONS:** Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

Green

**STATUS:** 

- I I I I							
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
4	Cut 5	Works appear of place.	well managed with appropriate controls in	GEN-POS	N/A	Noted	



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

**DATE OF INSPECTION:** 08 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

**WEATHER CONDITIONS:** Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

**STATUS:** 

NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
5	Cut 3	Bulk earthworks progressing. Er/sed controls have been implemented in accordance with ESCP. Median drainage pit have been protected and boundary hydroseeding has been completed where possible. Good innovation with respect to implementation of controls is apparent at this location; well done.		N/A	Noted	



**PROJECT:** Albion Park Rail bypass (Stage 2 - Yallah to Oak Flats)

**WORKS UNDERTAKEN BY:** 

**DATE OF INSPECTION:** 08 October 2020

ATTENDEES: Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

**STATUS:** 

Conti	ractor – Fulton H	logan (FH)					Green
NO.	LOCATION	ISSUE/COMMENT		CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 08 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

**WEATHER CONDITIONS:** Cloud/Drizzle, 22°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

**STATUS:** 



				r			
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
6	Bridge 11 - South	channels requir fencing works is	g and repair of minor scour in drainage red. Also pick-up of concrete waste from a suggested. Site team confirmed that they hese items and that they will be monitored a necessary.	ESC-DAU WAS-IWS	Low	Excess concrete removed during fence installation.  As noted the team have identified areas were hydromulch strike is low however current weather conditions should encourage grow. Areas will be reassessed at the end of October and reseeded if required.	16/10/2020



**PROJECT:** Albion Park Rail bypass (Stage 2 - Yallah to Oak Flats)

**DATE OF INSPECTION:** 08 October 2020

WEATHER CONDITIONS: Cloud/Drizzle, 22°C

STATUS:

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **ATTENDEES:** Peter Chudleigh (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), James Diamond (FH) and Toby Hobbs (Vantage).

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

Green

**LOCATION** 

**ISSUE/COMMENT** 

CODE

RISK

ACTION
(Contractor or RMS)

CLOSE OUT DATE

**General Comments:** EPA personnel were present for the site visit and noted that the standard of environmental management across the site was in line with EPA's expectations and no issues/concerns were noted. Overall the standard of site management was high with risks appropriately managed.

Issued by:

NO.

Toby Hobbs Environmental Representative Issued to:

James Diamond Fulton Hogan

Date: 08 October 2020

**Copy to:** Graham Roche (TfNSW), Peter Chudleigh (TfNSW), Warren Blacka (TfNSW), Peter Hawkins (TfNSW), Steve Lappin (TfNSW), Mick LeCerf (TfNSW), Chris Kelly (EPA), Matthew Fuller (EPA), Shannon Chisholm (Fulton Hogan), Jacob Cooper (Fulton Hogan) and Tom Dewhurst (Fulton Hogan).

#### **LEGEND**

RECOMMENDED TIMEFRAMES FOR RISK RATING FOR COMPLETION OF ACTIONS							
URGENT To be addressed straight away and closed out on the day of inspection							
HIGH Within 24hrs*							
MEDIUM	Within 3 Working Days*						
LOW	Within 5 Working Days*						

<sup>\*</sup> To be completed sooner if adverse weather conditions predicted

#### **ENVIRONMENTAL STATUS**

<sup>&</sup>lt;sup>1</sup> The format of this Environmental Inspection Report is based on the TfNSW (former) RMS Guidance Note: Environmental Inspection Reporting (June 2015)



Red	<ul> <li>actions required to address urgent risk issues.</li> <li>satisfactory actions not taken for high risk issues identified on the previous inspection.</li> <li>a Category 1 incident has been identified during the inspection.</li> </ul>
Amber	<ul> <li>actions required to address high and/or medium risk issues.</li> <li>satisfactory actions not taken for previous medium or low risk issues on the previous inspection.</li> </ul>
Green	<ul> <li>actions required to address low risk issues that will not directly cause environmental harm.</li> <li>site demonstrates good environmental management with no action required to avoid environmental harm.</li> </ul>



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

**DATE OF INSPECTION:** 20 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

STATUS:



NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
1	Duck Creek/ Bridge No. 1	Temporary crossing has been removed with final rock placement works at channel complete. Earthworks and topsoil placement near completion. Soil binder and temporary bunds in place. Works are of a high standard; well done.	GEN- POS	N/A	The water level has come up since being pumped around as part of the work in waterways.  Fish passage now clear and spraygrass landscaping has been completed.	



**PROJECT:** Albion Park Rail bypass (Stage 2 - Yallah to Oak Flats)

**WORKS UNDERTAKEN BY:** 

DATE OF INSPECTION: 20 October 2020

ATTENDEES: Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

**STATUS:** 



Cont	Contractor – Fulton Hogan (FH)						Green
NO.	LOCATION	ISSU	E/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
						The pavement has now also been sealed significantly diminishing any source of potential sediment	



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

Contractor – Fulton Hogan (FH)

**DATE OF INSPECTION:** 20 October 2020

**WEATHER CONDITIONS:** Part Cloud, 20°C **STATUS:** 

WORKS UNDERTAKEN BY:

**ATTENDEES:** Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

Com	tractor – ruitori	icon riogan (i i i)				dreen	
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
2	Bridge 4 and	Appropriate te	al face to spoon drain in progress. Imporary controls in place as per ESCP.	ESC- DAU	Low	Uphill area stabilised with bunding constructed to form additional sediment trap containing runoff at	
		Demobilisation	n of ancillary site in progress with removal of				



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) DATE OF INSPECTION: 20 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

STATUS:



NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
	Ancillary Site	hardstand/fill materials. Some minor scour repair and stabilisation of most relevant earthworks areas will be required in accordance with SWMP.			source where stockpiling has occurred with disturbance of subsurface clays	
3	Bridge 3/ Island Area	Minor diesel leak noted from generator at mobile site she The leak was identified and managed in accordance with the Incident/Emergency Response Plan and SWMP at time of site visit. Concrete wash-outs in use for deck pour.		Low	Closed out. Team encouraged to continue maintaining concrete wash outs	



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 20 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

STATUS:



Contractor — Futtori Flogari (FFI)						diceii
NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
		Placement of select materials to north of bridge. Controls in place as per ESCP.  **EXPLORER NOTE SITE OFFICE NOTE SITE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF				COLDAIL



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY:
Contractor – Fulton Hogan (FH)

DATE OF INSPECTION: 20 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

STATUS:

Cont	ractor – Fulton	Hogan (FH)		Green		
NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
NO.	LOCATION	ISSUE/ COMINIENT	CODE	KISK	(Contractor or RMS)	OUT DATE



**PROJECT:** Albion Park Rail bypass

Contractor – Fulton Hogan (FH)

**DATE OF INSPECTION: 20 October 2020** 

WEATHER CONDITIONS: Part Cloud, 20°C

(Stage 2 - Yallah to Oak Flats)

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

Green

STATUS:

**WORKS UNDERTAKEN BY:** 

ATTENDEES: Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

CLOSE **ACTION** NO. LOCATION **ISSUE/COMMENT** CODE **RISK** (Contractor or RMS) **OUT DATE** Southern Additional er/sed controls required for drainage pit area **ESC-CIS** Sediment Trap constructed in this location with good Low tie-in/ adjacent southbound carriageway as part of ESCP capacity to contain runoff with good amount of Oak Flats development. To be completed prior to significant rain gypsum pre-rainfall. interchange forecast.



**PROJECT:** Albion Park Rail bypass

(Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

DATE OF INSPECTION: 20 October 2020

**ATTENDEES:** Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

STATUS:



NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
5	East West Link noise mound area	Shaping and vegetation of noise mound is progressing. Controls in place as per ESCP.	GEN- POS	N/A	Noted – Works progressing with Caution due to 33KVA power risk adjacent noise mound	



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 20 October 2020

**WEATHER CONDITIONS:** Part Cloud, 20°C

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:

	<b>ATTENDEES:</b> Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob
KEN BY:	Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

Contractor Tutton Hogan (TT)					Green		
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
6	Cut 3/ Croome Road	and FFMP to east of level. Er/sed measu	on required in accordance with EWMS of cut. Cut works are nearing select zone ures are in place as per ESCP and criately. Good vegetative cover nome Road batters.	FF	Low to medium	TPZ re-established 21/10/20	



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 20 October 2020

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WEATHER CONDITIONS: Part Cloud, 20°C

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STATUS:



		riogari (i i i					Green
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE



**PROJECT:** Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)

Contractor – Fulton Hogan (FH)

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**ATTENDEES:** Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

STATUS:



Contractor Fattori Hogari (111)							Green
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
7	Frazers Creek 3	please monitor appears stable	reas on batters have poor revegetation strike; rand action as necessary. Overall, site and native vegetation is establishing well. Intinue to manage weeds.	RV-FRV FF-WNM	Low	Noted. Propose to target any patchy areas with tree tubestock of Casurinas and Melaleucas planting as canopy will naturally shade-out the grass cover.  FRAZERS CREEK	



**PROJECT:** Albion Park Rail bypass (Stage 2 - Yallah to Oak Flats)

**WORKS UNDERTAKEN BY:** 

DATE OF INSPECTION: 20 October 2020

ATTENDEES: Peter Chudleigh (TfNSW), Tash Pace (TfNSW), Jacob Cooper (Fulton Hogan), and Toby Hobbs (Vantage).

WEATHER CONDITIONS: Part Cloud, 20°C

**PROJECT IDENTIFIED AS HIGH RISK FOR ESC:** Yes

STATUS:



Cont	ractor – Fulton	Hogan (FH)					Green
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE



Issued by: Issued to: **Toby Hobbs** Fulton Hogan **Environmental Representative** 

Jacob Cooper

**Date:** 20 October 2020

Copy to: Graham Roche (TfNSW), Peter Chudleigh (TfNSW), Warren Blacka (TfNSW), Peter Hawkins (TfNSW), Steve Lappin (TfNSW), Mick LeCerf (TfNSW), Shannon Chisholm (Fulton Hogan), James Diamond (Fulton Hogan) and Tom Dewhurst (Fulton Hogan).

#### **LEGEND**

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<sup>&</sup>lt;sup>1</sup> The format of this Environmental Inspection Report is based on the TfNSW (former) RMS Guidance Note: Environmental Inspection Reporting (June 2015)

ENV	ENVIRONMENTAL STATUS				
	Red	<ul> <li>actions required to address urgent risk issues.</li> <li>satisfactory actions not taken for high risk issues identified on the previous inspection.</li> <li>a Category 1 incident has been identified during the inspection.</li> </ul>			
	Amber	<ul> <li>actions required to address high and/or medium risk issues.</li> <li>satisfactory actions not taken for previous medium or low risk issues on the previous inspection.</li> </ul>			
	Green	<ul> <li>actions required to address low risk issues that will not directly cause environmental harm.</li> <li>site demonstrates good environmental management with no action required to avoid environmental harm.</li> </ul>			

# Appendix B

ii

Summary of ER Certifications and Approvals

Document Reference: AL17-274-2 ER October 2020 Report



### **APRB Stage 2 Infrastructure Approval Reporting Requirements**

Plan/Report Title	Date of Issue and/or ER Review and/or Endorsement	Consistent with Infrastructure Approval Conditions?
Staging Report, Rev. 0, 09 February 2018	15 February 2018	Yes
Compliance Tracking Program, Rev. 0, 09 February 2018	16 February 2018	Yes
Unexpected Heritage Items – Heritage Procedure 02, November 2015	29 June 2018	Yes
Complaints Management System, Rev. 3, 10 September 2018	17 September 2018	Yes
Environmental Audit Program, Rev. 4, 18 September 2018	20 September 2018	Yes
Pre-Construction Compliance Report, Rev. 5, 02 October 2018	02 October 2018	Yes
Sustainability Strategy, Rev. 1, 02 October 2018	08 October 2018	Yes
Waste and Energy Management (Appendix B7), Rev. 4, 12 October 2018	12 October 2018	Yes
Contaminated Land Management Sub-plan (Appendix B9), Rev. 4, 10 December 2018	12 October 2018	Yes
EWMS 1: Geotechnical Investigation and Services Potholing, Rev. 10a, 29 October 2018	29 October 2018	Yes
Incident and Emergency Response Plan, Rev. 3, 07 November 2018	08 November 2018	Yes
Community Communication Strategy, Rev. 6, 13 November 2018	13 November 2018	Yes
Noise and Vibration Sub-plan (Appendix B3), Rev. 6, 12 November 2018 inclusive of Construction Noise and Vibration Monitoring Program	13 November 2018	Yes
EWMS 3: Site Compound AS06 Establishment, Rev. 2, 16 November 2018	22 November 2018	Yes



Plan/Report Title	Date of Issue and/or ER Review and/or Endorsement	Consistent with Infrastructure Approval Conditions?
Flora and Fauna Management Sub-plan (Appendix B2), Rev. 9, 28 November 2018	27 November 2018	Yes
EWMS 5: Aboriginal Artefact Salvage Works, Rev. 1, 03 December 2018	04 December 2018	Yes
EWMS 4: Structural Demolition and Asbestos Removal Work, Rev. 1, 05 December 2018	05 December 2018	Yes
Construction Environmental Management Plan, Albion Park Rail bypass (Stage 2 – Princes Motorway between Yallah and Oak Flats), Rev. 9, 04 December 2018	05 December 2018	Yes
Soil and Water Management Sub-plan (Appendix B4), Rev. 8, 03 December 2018 inclusive of Construction Groundwater Monitoring Program and Construction Surface Water Monitoring Program	05 December 2018	Yes
Air Quality Management Sub-plan (Appendix B6), Rev. 7, 05 December 2018 inclusive of Construction Air Quality Monitoring Program (Approval of the monitoring program requirements only)	05 December 2018	Yes
Heritage Management Sub-plan (Appendix B5), Rev. 8, 05 December 2018	05 December 2018	Yes
Traffic and Transport Management Sub-plan (Appendix B1), Rev. 11, 10 December 2018	10 December 2018	Yes
Flooding and Hydrology Management Sub-plan (Appendix B8), Rev. 11, 10 December 2018	10 December 2018	Yes
Aviation Management Plan (incl. Method of Working Plan), Rev. 5, 17 December 2018	17 December 2018	Yes
Operational Noise Mitigation Report, Rev. 2, 11 December 2018	23 January 2019	Yes
Urban Design and Landscape Character Strategy, Rev. D, 20 December 2018	04 February 2019	Yes
Flood Mitigation Measures Review (Flooding and Scour Assessment, Rev. 3, 18 December 2018)	04 February 2019	Yes
Division 5.2 and EPBC Act Approval Consistency Assessment Report – Yallah Road Underpass (Rev. 3 May 2019)	03 May 2019	Yes



Plan/Report Title	Date of Issue and/or ER Review and/or Endorsement	Consistent with Infrastructure Approval Conditions?
Division 5.2 and EPBC Act Approval: Minor Consistency Assessment Report – Main Site Compound Pedestrian and Cycle Access Provisions (May 2019)	16 May 2019	Yes
Division 5.2 and EPBC Act Approval: Consistency Assessment Report – Proposed Property Access Roads (June 2019)	07 June 2019	Yes
Division 5.2 and EPBC Act Approval: Consistency Assessment Report – Proposed Extension to Illawara Hwy Shared Path (May 2019)	24 May 2019	Yes
Flooding and Hydrology Management Sub-plan (Appendix B8), Rev. 12, 21 June 2019	21 June 2019	Yes
Ancillary Facilities Management Plan, Rev. 8, 26 July 2019	29 July 2019	Yes
Noise and Vibration Sub-plan (Appendix B3), Rev. 8, 23 August 2019 inclusive of Construction Noise and Vibration Monitoring Program	23 August 2019	Yes
Construction Environmental Management Plan, Albion Park Rail bypass (Stage 2 – Princes Motorway between Yallah and Oak Flats), Rev. 10, 19 August 2019	23 August 2019	Yes
Division 5.2 and EPBC Act Approval: Minor Consistency Assessment Report – Tongarra Road Drainage Channel Extension (September 2019)	11 September 2019	Yes
Construction Compliance and Monitoring Report, Report 1 (7 January 2019 – 7 July 2019), Rev. 2, 27 September 2019	27 September 2019	Yes
Construction Compliance and Monitoring Report, Report 1 (7 January 2019 – 7 July 2019), Rev. 3, 27 September 2019	22 October 2019	Yes
Division 5.2 and EPBC Act Approval: Minor Consistency Assessment Report – Splash Crossing Access Road, Oak Flats Interchange (October 2019)	28 October 2019	Yes
Division 5.2 and EPBC Act Approval: Consistency Assessment Report – Croome Road Shared User Path Extension (November 2019)	09 December 2019	Yes



Plan/Report Title	Date of Issue and/or ER Review and/or Endorsement	Consistent with Infrastructure Approval Conditions?
Division 5.2 and EPBC Act Approval: Minor Consistency Assessment Report – Yallah Road Pathway Extension (November 2019)	12 December 2019	Yes
Traffic and Transport Management Sub-plan (Appendix B1), Rev. 13, 22 November 2019	23 January 2020	Yes
Division 5.2 Approval: Consistency Assessment Report – Signage (February 2020)	24 February 2020	Yes
Air Quality Management Sub-plan (Appendix B6), Rev. 8, 20 February 2020 inclusive of Construction Air Quality Monitoring Program (Approval of the monitoring program requirements only)	26 February 2020	Yes
Construction Compliance and Monitoring Report, Report 2 (08 July 2019 – 07 January 2020), Rev. 2, 05 March 2020	05 March 2020	Yes
Heritage Management Sub-plan (Appendix B5), Rev. 9, 12 March 2020	16 March 2020	Yes
Flora and Fauna Management Sub-plan (Appendix B2), Rev. 11, 16 March 2020	20 March 2020	Yes
Soil and Water Management Sub-plan (Appendix B4), Rev. 9 27 April 2020	11 May 2020	Yes
Aviation Management Plan (incl. Method of Working Plan), Rev. 6 02 April 2020	13 May 2020	Yes
Division 5.2 Approval: Consistency Assessment Report – Additional Line and Pavement Marking (April 2020)	17 May 2020	Yes
Community Communication Strategy, Rev. 7, 15 June 2020	17 June 2020	Yes
Biodiversity Offset Package, Rev. C, June 2020	22 June 2020	Yes
Division 5.2 Approval and EPBC Act Approval: Consistency Assessment Report – Princes Highway Lane Reconfiguration and Durgadin Drive Intersection Upgrade, Oak Flats (June 2020)	23 June 2020	Yes
Sustainability Strategy, Rev. 2, July 2020	29 July 2020	Yes



Plan/Report Title	Date of Issue and/or ER Review and/or Endorsement	Consistent with Infrastructure Approval Conditions?
Division 5.2 Approval: Minor Consistency Assessment – Croome Road Shared User Pathway Extension Additional Works (July 2020)	28 July 2020	Yes
Division 5.2 Approval: Minor Consistency Assessment – Property Access off Tongarra Road (August 2020)	07 August 2020	Yes
Construction Compliance and Monitoring Report, Report 3 (08 January 2020 – 07 July 2020), Rev. 1, 27 August 2020	27 August 2020	Yes
Ancillary Facilities Management Plan, Rev. 9, 09 September 2020	30 September 2020	Yes
Construction Environmental Management Plan, Albion Park Rail bypass (Stage 2 – Princes Motorway between Yallah and Oak Flats), Rev. 11, 28 September 2020	30 September 2020	Yes
Noise and Vibration Sub-plan (Appendix B3), Rev. 9, 28 September 2020 inclusive of Construction Noise and Vibration Monitoring Program	30 September 2020	Yes
Aviation Management Plan (incl. Method of Working Plan), Rev. 7, 21 August 2020	16 October 2020	Yes
Division 5.2 Approval: Minor Consistency Assessment – Property Fencing Work (October 2020)	22 October 2020	Yes





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