

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

**ENVIRONMENTAL REPRESENTATIVE'S
MONTHLY REPORT – NOVEMBER 2021**

Date of Issue: 09 December 2021

Job Reference: AL17-274-2

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Environmental Representative:



Toby Hobbs – Principal

Report No.: AL17-274 ER November 2021 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
CEMP	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DP&E	Department of Planning and Environment (superceded by DPIE in July 2019)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	<i>Environmental Noise Management Manual (RTA 2001)</i>
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EPBC Act	<i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999</i>
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
OEMP	Operational environmental management plan
OOHW	Our of hours works
PESCP	Progressive erosion and sediment control plan
POEO Act	<i>Protection of the Environment Operations Act 1997</i>

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

1 INTRODUCTION

This document presents the Environmental Representative's (ER) monthly report for 01 – 30 November 2021 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;

- 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.

2 SUMMARY OF SIGNIFICANT WORKS

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

- Minor finishing works associated with drainage and pavement construction;
- Opening of the new Croom Regional Sporting Complex entrance and access road;
- Line marking;
- Shared path construction;
- Maintenance and installation of environmental controls;
- Installation of at-house noise mitigation measures;
- Landscaping works inclusive of spray-seeding, maintenance and weed control; and
- Community liaison and management.

3 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.

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	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. 10, 16 August 2021 inclusive of Construction Noise and Vibration Monitoring Program	27 August 2021	07 December 2018
Construction Environmental Management Plan, Albion Park Rail bypass (Stage 2 – Princes Motorway between Yallah and Oak Flats), Rev. 12, 01 December 2020	16 December 2020	07 December 2018
Soil and Water Management Sub-plan (Appendix B4), Rev. 10, 23 August 2021 inclusive of Construction Groundwater Monitoring Program and Construction Surface Water Monitoring Program	27 August 2021	09 June 2020
Air Quality Management Sub-plan (Appendix B6), Rev. 9, 16 August 2021 inclusive of Construction Air Quality Monitoring Program	27 August 2021	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. 15, 08 January 2021	05 March 2021	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

*DP&E (now DPIE) approval was subject to further updates which was subsequently addressed

On 06 July 2021, DPIE approved use of the Environmental Management System (EMS) for the Project in accordance with condition D2 of the Infrastructure approval.

Periodic annual review of relevant Sub-plans commenced during March 2021 and was completed during April 2021. Based on the review, Project personnel confirmed no updates to the following Sub-plans were required:

- Heritage Management Sub-plan;
- Flora and Fauna Management Sub-plan;
- Contaminated Land Management Sub-plan; and
- Waste and Energy Management.

Following consultation with regulatory agency representatives (NSW EPA, DPI Fisheries and NRAR) regarding proposed amendments, the following Sub-plans were finalised and endorsed by the ER on 27 August 2021 for re-issue to DPIE for approval:

- Air Quality Management Sub-plan (inclusive of Construction Air Quality Monitoring Program);
- Noise and Vibration Sub-plan (inclusive of Construction Noise and Vibration Monitoring Program); and
- Soil and Water Management Sub-plan (inclusive of Construction Groundwater and Surface Water Monitoring Programs).

On 23 November 2021, DPIE issued a request for additional information (RFI) to assist in their review process of the revised Sub-plans. The RFI related to providing more details regarding the outcomes of agency consultation during the development of the revised Sub-plans.

4 EVALUATION OF CONSTRUCTION ACTIVITIES

4.1 Site Monitoring

The ER completed one (1) site visit to view Project works on 23 November 2021. The site visit involved an inspection of on-site works as well as an assessment of general compliance with associated Project approval conditions.

A copy of the Environmental Inspection Report (EIR) that was used to record site observations is presented as Appendix A. The EIR contains an on-site checklist developed by TfNSW that allows 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
23 November 2021	Peter Chudleigh (TfNSW), Jacob Cooper (Fulton Hogan) and Toby Hobbs (Vantage)

Key items discussed and viewed during the November 2021 site visit included:

- Maintenance of environmental controls;
- Stabilisation of batters and water quality basin outlet areas;
- Shared path construction;
- Ancillary facility decommissioning and rehabilitation;

- Removal of redundant environmental controls;
- Environmental monitoring results;
- Progress of revegetation works; and
- Community consultation.

4.2 Independent Auditing

In accordance with Infrastructure approval conditions A33 to A37 and the approved CEMP, independent environmental auditing for the Project is being undertaken following *ISO 19011:2014 - Guidelines for Quality and/or Environmental Management Systems Auditing*.

The second annual audit was undertaken during October 2020 and covered the period from the first audit on 13-14 November 2019 to 13-14 October 2020, which is consistent with the requirement of Infrastructure Approval Condition A36 for an annual audit. The findings of the audit are discussed in the ER's November 2020 report. The audit report was submitted to DPIE on 27 November 2020 and correspondence was received from DPIE on 11 December 2020 acknowledging receipt of the audit and comment that the Department considered the audit report to generally satisfy the reporting requirements of the Consent.

The third and final independent environmental audit for the Project commenced during the current reporting period. The audit is being undertaken by Mr Richard Peterson of SNC-Lavalin and will incorporate review of final construction compliance as well as operational conditions in accordance with relevant Infrastructure approval conditions.

4.3 Site Issues

No non-compliance matters associated with the Infrastructure approval or Project Environmental Protection licence were noted during the current reporting period and there were no (0) reported environmental incidents.

The standard of house-keeping noted across the site at the time of the ER's site visit on 23 November 2021 was very high and environmental controls were considered to be generally appropriate for the limited range of late-stage work activities that were occurring. It was noted that some final stabilisation of batter areas and basin outlets behind the East West Link noise wall was required and the Project team confirmed that would be addressed as part of scheduled finishing works.

A total of 152.0mm of rainfall was recorded at the Albion Park (Shellharbour Airport, Station 068241) Bureau of Meteorology weather station during November 2021, which was significantly higher than the average reported rainfall for November of 82.4mm for the same weather station.

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. 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.

There were no (0) complaints received by the Project team during the current reporting period that related to environmental management matters associated with construction.

The Project team noted that there was ongoing liaison with a few key stakeholders about at-property noise mitigation treatment and operational noise during November.

During the current reporting period, out of hours works (OOHW) continued to be 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 all OOHW prior to commencement of works. There were no (0) complaints received that related to OOHW during the current reporting period.

A general notification to residents of scheduled OOHW for November 2021 was delivered to nearby residents and posted to the Project website at the following web address:

<https://roads-waterways.transport.nsw.gov.au/projects/01documents/albion-park-rail-bypass/aprb-notification-november-ooh-work-2021-10.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 Project team provided information to Shellharbour City Council prior to the Wings Over Illawarra Air Show in accordance with Infrastructure approval condition E5. The correspondence confirmed, within required timeframes, that no work would be conducted on the Project that would impede the running of the Air Show.

Web-based Project information continues to be 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 November 2021 provided information regarding temporary access changes for Durgadin Drive and Out of Hours Work to be completed in November 2021.

A Project update was released in July 2021 which can be viewed at the following web address:

<https://roads-waterways.transport.nsw.gov.au/projects/01documents/albion-park-rail-bypass/aprb-project-update-07-2021.pdf>

Based on the ER's review of community consultation and complaints handling, it is considered that the DPIE-approved Community Communication Strategy continues to be effectively implemented and there is a strong focus on proactive community engagement.

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

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

No (0) reportable environmental incidents, as defined in accordance with Infrastructure approval condition A38, occurred during the reporting period.

The most recent Construction Compliance and Monitoring Report (including Pre-Operational reporting requirements), covering the period of 08 January to 07 July 2021, was endorsed by the ER on 26 August 2021 prior to submission to DPIE on 23 September 2021.

As discussed in the ER's October 2021 report, correspondence was received from DPIE on 15 October 2021 that confirmed:

- Remaining Operational Noise Mitigation Measures under condition E47 must be completed by 31 December 2021; and
- All building condition surveys under condition E52 are to be finalised by 30 June 2022.

During the current reporting period, the ER conducted a review of the status of approved ancillary facility sites associated with construction of the Project. Based on the information provided by the Project team, and the ER's observations, no non-compliance matters were noted and it was confirmed that all sites, apart from the main compound site (AS No. 06) had been decommissioned in accordance with Infrastructure approval requirements and CEMP commitments. It is anticipated that the remaining ancillary site will be vacated and rehabilitated in early 2022.

4.5.1 Aviation Management Plan

The ER endorsed the most recent update (version 8) of the Aviation Management Plan (AMP) for Shellharbour Airport (inclusive of Aviation Method of Working Plan [MoWP]) on 27 July 2021 following the authorisation of the Airport operator.

The Wings over Illawarra air show was held adjacent to the Project site on 27 and 28 November 2021. Prior to the commencement of the air show, the Project team contacted Shellharbour City Council (SCC) and Event Bright (the event organisers) to confirm that works would not be conducted that could impede the running of the air show, in accordance with Project Approval condition E5.

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 2021. Based on the review it was deemed that the induction content continued to provide relevant and practical information related to environmental management commitments and requirements.

It is expected that this will be the last induction review as construction activities are nearing completion and unlikely to extend beyond January 2022 when the next review would fall due.

6 MEETINGS

6.1 Environmental Review Group

The ninth, and final, Environmental Review Group (ERG) meeting for the Project (ERG Meeting No. 9) was held on 07 September 2021. 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.

7 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;
- Status of ancillary facilities;
- Consistency assessment documentation;
- Scheduled Out of Hours Work to be completed in accordance with the Project Environmental Protection Licence; and
- Community consultation and complaints handling information.

10 CLOSING COMMENTS

During November 2021 there continued to be a high level of compliance with Infrastructure approval conditions, management plan commitments and EPL conditions. No significant environmental management issues were noted and there were no reportable environmental incidents.

It is considered that the site will be well stabilised and secure for the upcoming year-end shut down period. In early 2022, only limited late-phase works will be occurring which will be primarily associated with the decommissioning of ancillary site AS No. 6 and minor defect rectifications.

It was pleasing to note that the 2021 Wings Over Illawarra Air Show was a successful event and the required liaison was undertaken in advance of the Air Show.

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.



Appendix A

Environmental Inspection Report:

23 November 2021


ENVIRONMENTAL INSPECTION REPORT¹

<p>PROJECT: Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)</p> <p>WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH)</p>	<p>DATE OF INSPECTION: 23 November 2021</p> <p>ATTENDEES: Peter Chudleigh (TfNSW), Jacob Cooper (Fulton Hogan) and Toby Hobbs (Vantage)</p>	<p>WEATHER CONDITIONS: Part Cloud, 21°C</p> <p>PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes</p>	<p>STATUS:</p> <p style="text-align: center;">●</p> <p>Green</p>
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NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
1	Oak Flats Interchange	<p>Water quality basin in construction with de-watering and erosion controls in place as per ESCP. Spill kits present. Waste management and segregation occurring in accordance with WMP. Pavements have been swept with no evidence of mud-tracking/drag-out; well done.</p> <div style="display: flex; justify-content: center; gap: 10px;">   </div>	GEN-POS	N/A		



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NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
2	Durgadin Drive/ East West Noise Wall	<p>Final stabilisation of back of noise wall and basins, including landscape plantings and hydroseeding, near completion. Some minor areas near pipes and subsoil outlet still to be completed. Basin 24400E appears to still also require some finishing and stabilisation. Minor sloughing and non-stabilised outlet point also noted. Please review and implement required control measures in accordance with SWMP and ESCP prior to finalisation of works.</p> 	<p>ESC-DAU</p> <p>ESC-CIS</p>	Low to medium	<p>Control reinstated along fenceline on day of inspection. Rectification of the basin outlets commenced 6/12/21 plan to be completed 10/12</p> 	23/11/21

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PROJECT: Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)		DATE OF INSPECTION: 23 November 2021			WEATHER CONDITIONS: Part Cloud, 21°C		STATUS:
WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH)		ATTENDEES: Peter Chudleigh (TfNSW), Jacob Cooper (Fulton Hogan) and Toby Hobbs (Vantage)			PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes		 Green
NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE	
							
3	Croome Stadium Access and Road	Final hydroseeding and finishing works complete with excellent results evident. Croome Road resealing complete. 	GEN-POS	N/A			

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WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH)		ATTENDEES: Peter Chudleigh (TfNSW), Jacob Cooper (Fulton Hogan) and Toby Hobbs (Vantage)			PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes		
NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE	
							
4	Bridge 6/ Macquarie Rivulet	Final clean-up and stabilisation, including placement of topsoil, in progress below bridge deck. Please ensure temporary controls are in place as per ESCP prior to forecast rains. Redundant controls to be removed as necessary (i.e. sediment fence and silt boom).	ESC-DAU	Low	Silt boom removed and disturbed areas stabilised	7/12/21	

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

ENVIRONMENTAL INSPECTION REPORT¹

<p>PROJECT: Albion Park Rail bypass (Stage 2 -Yallah to Oak Flats)</p> <p>WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH)</p>	<p>DATE OF INSPECTION: 23 November 2021</p> <p>ATTENDEES: Peter Chudleigh (TfNSW), Jacob Cooper (Fulton Hogan) and Toby Hobbs (Vantage)</p>	<p>WEATHER CONDITIONS: Part Cloud, 21°C</p> <p>PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes</p>	<p>STATUS:</p> <p style="text-align: center;">●</p> <p>Green</p>
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NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
						

ENVIRONMENTAL INSPECTION REPORT¹




Issued by: Toby Hobbs Environmental Representative	Issued to: Jacob Cooper Fulton Hogan Date: 23 November 2021	Copy to: Warren Blacka (TfNSW), Mick LeCerf (TfNSW), Graham Roche (TfNSW), Stuart Smith (TfNSW), Peter Chudleigh (TfNSW), Shannon Chisholm (Fulton Hogan) and Tom Dewhurst (Fulton Hogan).
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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*

* To be completed sooner if adverse weather conditions predicted

¹ The format of this Environmental Inspection Report is based on the TfNSW (former) *RMS Guidance Note: Environmental Inspection Reporting (June 2015)*

ENVIRONMENTAL STATUS	
 Red	<ul style="list-style-type: none">actions required to address urgent risk issues.satisfactory actions not taken for high risk issues identified on the previous inspection.a Category 1 incident has been identified during the inspection.
 Amber	<ul style="list-style-type: none">actions required to address high and/or medium risk issues.satisfactory actions not taken for previous medium or low risk issues on the previous inspection.
 Green	<ul style="list-style-type: none">actions required to address low risk issues that will not directly cause environmental harm.site demonstrates good environmental management with no action required to avoid environmental harm.

Appendix B

Summary of ER Certifications and Approvals

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
Construction Environmental Management Plan, Albion Park Rail bypass (Stage 2 – Princes Motorway between Yallah and Oak Flats), Rev. 12, 01 December 2020	16 December 2020	Yes
Construction Compliance and Monitoring Report, Report 4 (08 July 2020 – 07 January 2021), Rev. 1, 24 February 2021	25 February 2021	Yes
<i>Site Audit Statement No. 1508-1904 (25 February 2021)</i>	02 March 2021	Yes
<i>Site Audit Report 1508-1904 Albion Park Bypass Princes Highway, Yallah NSW 2530 (26 February 2021, Ref. 19040)</i>	02 March 2021	Yes
Traffic and Transport Management Sub-plan (Appendix B1), Rev. 15, 08 January 2021	05 March 2021	Yes

Plan/Report Title	Date of Issue and/or ER Review and/or Endorsement	Consistent with Infrastructure Approval Conditions?
Biodiversity Offset Package, Rev.D, 16 July 2021	23 July 2021	Yes
Aviation Management Plan (incl. Method of Working Plan), Rev. 8, 23 July 2020	27 July 2021	Yes
Division 5.2 and EPBC Act Approval: Minor Consistency Assessment Report - Tongarra Road Pavement Level Increase	24 August 2021	Yes
Construction and Pre-operation Compliance and Monitoring Report, Report 5 (08 January – 07 July 2021), Rev. 1, 19 August 2021	26 August 2021	Yes
Noise and Vibration Management Sub-plan (NVMP) - Revision 10, 16 August 2021	27 August 2021	Yes
Air Quality Management Sub-plan (AQMP) - Revision 9, 16 August 2021	27 August 2021	Yes
Soil and Water Management Sub-plan (SWMP) – Revision 10, 23 August 2021	27 August 2021	Yes
Division 5.2 and EPBC Act Approval: Minor Consistency Assessment Report – Princes Highway Lane Reconfiguration Culvert Cleaning Works, Oak Flats	18 November 2021	Yes



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