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

ENVIRONMENTAL REPRESENTATIVE'S MONTHLY REPORT – JUNE 2019

Date of Issue: 08 July 2019 Job Reference: AL17-274-2

Environmental Representative:

Toby Hobbs — Principal

Report No.: AL17-274 ER June 2019 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
EIR	Environmental Inspection Report
EIS	Environmental Impact Statement
ER	Independent Environmental Representative nominated by Roads and Maritime and approved by DP&E
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
OEMP	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
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
UDLCS	Urban Design and Landscape Character Strategy

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1 INTRODUCTION

This document presents the Environmental Representative's (ER) monthly report for 01 – 30 June 2019 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 under Section 115ZB of the *Environmental Planning and Assessment Act* 1979 on 30 January 2018. A modification (MOD 1) was approved by DP&E 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;
- Thirteen 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 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 (Roads and Maritime) 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 of June 2019, the following program of site-based activities occurred including:

- Bulk earthworks including placement of fill materials (coal wash and quarry materials);
- Construction of the Green Meadows detention basin;
- Piling;
- Construction of the Frazers Creek diversion;
- Maintenance and installation of environmental controls including sediment basins, clean-water diversion drains and stabilised site access points;
- Management of potentially contaminated materials;
- Community liaison and planning for installation of at-house noise mitigation measures; and
- Utility adjustments.

Aerial views of the project site showing the progress of works at selected locations as of 28 June 2019 are presented within Figures 1-3, below.

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Figure 1: Aerial view of the southern portion of the project corridor during late June 2019. Bulk earthworks associated with the new alignment and new East-West link road are visible on the central portion of this photograph with the Green Meadows detention basin and Cut 5 work areas beyond.



Figure 2: Aerial view of the central portion of the project corridor in the vicinity of the Illawara Highway during late June 2019. Placement of fill material was noted to be progressing well during the reporting period with a high standard of environmental management evident.



Figure 3: Aerial view of the northern portion of the project corridor in the vicinity of Yallah Road during late June 2019. Placement of imported fill materials, piling, utility adjustments and drainage works were in progress at this location.

3 STATUS OF ENVIRONMENTAL DOCUMENT REVIEW

The date of issue of 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. Approval of the noted plans was provided by DP&E between 07 and 21 December 2018.

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

Plan Name and Details	Date of Issue of ERs Endorsement	Date of DP&E Approval
Waste and Energy Management (Appendix B7), Rev. 4, 12 October 2018	12 October 2018	N/A: Provided to DP&E for information only
Contaminated Land Management Sub-plan (Appendix B9), Rev. 4, 10 December 2018	12 October 2018	N/A: Provided to DP&E for information only
Flora and Fauna Management Sub-plan (Appendix B2), Rev. 9, 28 November 2018	27 November 2018	07 December 2018
Noise and Vibration Sub-plan (Appendix B3), Rev. 6, 12 November 2018 inclusive of Construction Noise and Vibration Monitoring Program	13 November 2018	07 December 2018

Plan Name and Details	Date of Issue of ERs Endorsement	Date of DP&E Approval
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	07 December 2018
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	07 December 2018
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	07 December 2018
Heritage Management Sub-plan (Appendix B5), Rev. 8, 05 December 2018	05 December 2018	29 November 2018*
Traffic and Transport Management Sub-plan (Appendix B1), Rev. 11, 10 December 2018	10 December 2018	29 November 2018*
Flooding and Hydrology Management Sub-plan (Appendix B8), Rev. 12, 21 June 2019	21 June 2019	21 December 2018 (approved for first 6 months of construction then update required)

^{*}DP&E approval was subject to further updates which was subsequently addressed

It is noted that during the current reporting period the review and update of the Project Flooding and Hydrology Management was completed.

4 EVALUATION OF CONSTRUCTION ACTIVITIES

4.1 Site Monitoring

The ER completed two (2) site visits to view the Project works on 04 and 18 June 2019. 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 are presented as Appendix A. The EIRs contains an on-site checklist developed by Roads and Maritime that allow for the systematic recording of on-site environmental issues, observations of concerns and/or potential non-conformities.

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The personnel who attended the site visits are listed below.

Date of Site Visit	Personnel Present
04 June 2019	Meeting Attendees: Joanne Glass, Department of Planning & Environment Jacqui McLeod, Department of Planning & Environment Peter Hawkins, Roads and Maritime Services Peter Chudleigh, Roads and Maritime Services Nathan Russell, Fulton Hogan James Diamond, Fulton Hogan Shannon Chisholm, Fulton Hogan Toby Hobbs, Vantage
	Site Tour Attendees:
	Joanne Glass, Department of Planning & Environment Jacqui McLeod, Department of Planning & Environment Peter Chudleigh, Roads and Maritime Services Nathan Russell, Fulton Hogan James Diamond, Fulton Hogan Shannon Chisholm, Fulton Hogan Toby Hobbs, Vantage
	Site Inspection Attendees:
	Peter Chudleigh, Roads and Maritime Services James Diamond, Fulton Hogan Toby Hobbs, Vantage
18 June 2019	Peter Chudleigh, Roads and Maritime Services Peter Hawkins, Roads and Maritime Services Chris Kelly, Environment Protection Authority James Diamond, Fulton Hogan Toby Hobbs, Vantage

Key items discussed and viewed during the site visits of June 2019 included:

- Stabilisation of disturbed areas and maintenance of erosion/sedimentation controls;
- Air quality management;
- Management of site access points to prevent potential mud/materials-tracking;
- Site boundary and exclusion zone fencing/signage;
- Management of works within/adjacent to waterways;
- Progress of the Frazers Creek diversion works;
- Ancillary facility assessment, construction and operation;
- Progress associated with the early implementation of at-house noise mitigation measures; and
- Community consultation and complaints handling.

4.2 Site Issues

Overall, the standard of environmental management associated with construction activities that were in progress during June 2019 was generally satisfactory. The main issues identified related to the requirement for maintenance of environmental controls following a significant rainfall event of 02 and 03 June 2019.

A total of 91.6mm of rainfall was recorded at the Albion Park (Wollongong Airport) Bureau of Meteorology weather station during June 2019, which was similar to the average reported rainfall for June of 93.7mm for the same weather station.

Following the site visit of 04 June 2019, the Environmental Inspection Checklist status of the site was reported as "amber" because there were some issues identified that were of a "medium" risk ranking. It is noted that the issues identified were not inconsistent with the type of conditions typically identified during the early stages of a major linear road project involving bulk earthworks.

Following the site visit of 18 June 2019, during which an EPA officer was present, the Environmental Inspection Checklist 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 no (0) non-conformities identified with respect to the Infrastructure Approval and Environment Protection Licence (EPL) requirements during June 2019.

4.3 Community Consultation and Complaints Register

To assess the outcome of the Project community consultation and complaints registration process, the ER held periodic discussions with Roads and Maritime and Fulton Hogan personnel and completed 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 the 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 (2) complaints received by the Project community liaison team during the current reporting period that related to environmental management matters. The first complaint related to materials tracking (sediment/mud/rocks) from Project vehicles on the Illawarra Highway. Following receipt of this complaint, site personnel reviewed site management procedures to ensure the potential for mudtracking was minimised; additional road sweeping was also undertaken near site access points. The second complaint related to concerns that vibration from Project works had caused property damage. Following receipt of the complaint, vibration monitoring was undertaken while works were active; no vibration was recorded within 50m of the works which was less than the distance between the works and the complainant's residence. The complainant was informed of the monitoring results and the Project team have committed to minimising potential vibration impacts and conducting monitoring as necessary.

The community liaison team and Project Environmental Manager consulted with the complainant following receipt of the complaint and, based on the information provided by the Project team, it is considered that the complaint was handled appropriately.

Out of Hours Works (OOHW) were conducted in accordance with the Infrastructure Approval and Environmental Protection Licence during the current reporting period to facilitate utility relocations and the placement of safety barriers. There were no (0) reported complaints associated with the OOHW.

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On-going consultation with stakeholder groups, agency representatives and residents within the area of the Project corridor regarding upcoming works were also completed by Roads and Maritime and Fulton Hogan during the current reporting period. This correspondence was noted within the Consultation Manager database.

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

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

The most recent Project update for the public was released in June 2019 and can be viewed at:

https://www.rms.nsw.gov.au/documents/projects/illawarra/albion-park-rail-bypass/albion-park-rail-bypass-project-update-june-2019.pdf

Routine consultation with stakeholders within the Project works area regarding current and future construction works was completed by the Community Liaison team during May 2019 and a public community information session was held on 13 June 2019. The information session was attended by approximately 150 persons and initial feedback received by the Project team indicated that the attendees were satisfied with the session and no significant concerns or complaints were raised. Roads and Maritime personnel report that attendees were primarily interested in the progress and nature of construction works, schedules for operation of the Project and local road adjustments.

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

Based on the ER's review, and consultation that was undertaken in June 2019, it is apparent that site works and management practices were generally consistent with CEMP commitments and Approval Conditions associated with the Project.

There were no (0) reportable environmental incidents as defined in accordance with Infrastructure Approval Condition A38 during the current reporting period.

On 14 June 2019, DP&E issued Show Cause letters to Fulton Hogan and Roads and Maritime as a result of the investigation into the tree clearing incident of 04 April 2019. Representations in response to the Show Cause letters were required to be submitted to DP&E no later than 5pm on 05 July 2019. Upon receipt of the representations, it is understood the Department will consider the circumstances surrounding the incident and take appropriate enforcement action in accordance with their Compliance Policy.

There was one (1) incident that was recorded in accordance with Roads and Maritime and CEMP protocols during the reporting period. The incident occurred on 27 June 2019 and involved a hydraulic oil spill from an excavator. The spill was managed in accordance with CEMP procedures and it is understood that there were no significant impacts associated with the incident.

During the current reporting period, the Project Flooding and Hydrology Management sub-plan was revised and resubmitted to DP&E (on 21 June 2019) in accordance with the initial approval issued by DP&E on 21 December 2018.

It is noted that the Project team are conducting consultation associated with the installation of at-house noise mitigation measures for priority properties in accordance with Infrastructure Approval Condition E47. Fulton Hogan report that proposed measures have been agreed for some properties that will allow works to commence during July and August 2019; however additional information will be required to allow other property owners to agree with the proposed scope of works which will result in some installation delays. As such, Roads and Maritime will need to provide the Department with an update

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on the progress of treatment works and amend management plan/procedures to ensure on-going compliance with approval conditions.

Review associated with issue of the first Construction Compliance Report (CCR) continued in June 2019. This first CCR will cover the first six (6) months of construction from the commencement of construction on 07 January 2019.

4.5 Review of Corrective/Preventative Measures

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

4.6 Requested Changes to Project CEMP

None currently requested.

5 SITE INDUCTION PROCESS

The ER conducted a detailed review of the content of the site induction for the Project works during January 2019. 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 induction review will be undertaken during July 2019.

6 MEETINGS

6.1 Environmental Review Group

The second Environmental Review Group (ERG) meeting for the Project (ERG Meeting No. 2) was held on 09 April 2019. The meeting involved a round table discussion with attending ERG Members as well as representatives of the Roads and Maritime and Fulton Hogan management, construction and environment teams.

The next ERG meeting is scheduled to be held on 16 July 2019.

6.2 Other Meetings

During the current reporting period the ER attended routine meetings associated with administrative matters such as development of management documents and planning for upcoming construction activities.

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 and endorsements associated with the Project that have been issued since appointment on 08 February 2018 is provided within Appendix B of this report.

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7.3 **Directions/Advice/Requests**

During June 2019, the ER provided written and verbal correspondence to Fulton Hogan and Roads and Maritime personnel regarding environmental management strategies associated with the Project.

8 ADDITIONAL SERVICES DIRECTED BY ROADS AND MARITIME SERVICES

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

DOCUMENTATION RECEIVED FROM ROADS AND MARITIME SERVICES AND **OTHER PARTIES**

During June 2019, the ER received correspondence from Roads and Maritime and Fulton Hogan relating to the following:

- Incident management and reporting;
- Information associated with the close-out of issues identified during routine site visits as documented on the Environmental Inspection Reports (EIR);
- Community consultation and complaints handling information;
- Updates to post-approvals documentation and monitoring data associated with approved management plans and strategies; and
- Information related to on-going construction works and upcoming works associated with the broader Project area.

10 **CLOSING COMMENTS**

Based on the site visits completed during June 2019, review of Project documentation and discussions with Project personnel, the ER considers that relevant environmental management objectives were met and the current Project works were deemed to be generally consistent with Project Approval conditions.

On-going focus on maintenance of environmental controls and progressive stabilisation will be required to ensure erosion and sedimentation risks are minimised for the Project, particularly in the area of major earthworks at Cut 5 and the future Green Meadows detention basin.

The Project team reported that a detailed review of boundary and exclusion zone fencing was completed during May and June 2019; in particular it is understood that a Fulton Hogan Surveyor, Senior Project Engineer, Environmental Coordinator and Environmental Manager audited all exclusion and boundary fencing.

It is considered that the installation of at-house noise mitigation measures for priority properties in accordance with Infrastructure Approval Condition E47 will be difficult to be achieve within previously nominated timeframes. As such, Roads and Maritime will need to provide the Department with an update on progress and seek approval to amend associated management plans if agreed timeframes cannot be met.

It was pleasing to note that only two (2) complaints were received during the reporting period, despite the extensive amount of site works in progress. In addition, the June 2019 community information session was well attended and positive feedback regarding the Project was received.

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11 LIMITATIONS

This report has been prepared in accordance with NSW Department of Planning 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 (Vantage) 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 NSW Roads and Maritime Services, 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 NSW Roads and Maritime Services, the NSW Department of Planning and Environment and Vantage Environmental Management Pty Ltd.

Appendix A

Environmental Inspection Reports:

04 June 2019

18 June 2019

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PROJECT: Albion Park Rail

bypass

(FH)

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION	CLOSE
NO.	LOCATION	1330E/COMMENT	CODE	NIJK	(Contractor or RMS)	OUT DATE

Meeting/site tour general comments:

- Fulton Hogan provided a presentation regarding the progress of at-house noise mitigation measures. Key issues were discussed along with proposed schedules for implementation of measures. DP&E and RMS discussed timeframes for on-going offers of treatment for properties where no or negative responses to previous offers had been received.
- A tour of the project alignment was conducted. Areas viewed included Yallah Road, Larkins Lane, Duck Creek, coal wash fill areas, Cut 5, Croom Regional Sporting Complex and Tongarra Road

INSPECTION NOTES:

1	Cut 5/ Fill	Maintenance of controls required following recent 45mm+ rainfall
	13	event; particular attention is required adjacent to off-site areas and
		waterways. It is noted that good efforts have been made with
		respect to segregation of clean and dirty water and spill kits are in
		place adjacent to works near/in waterways. Sweeping of site access
		points observed.



ESC-	Medium	Repairs have been made in many areas prior
ESNM		to the long weekend, despite very muddy
		ground and fine weather forecast. Significant
		effort has been made to reinstate controls
		such as silt fencing, mulch bunding, reinstate
		earth bunds and wrap with geofabric along
		with reinstatement of geofabric lining in
		waterways with more effort to be followed up
		when drier conditions prevail upon return to
		work.

Med risk 7/6/19



PROJECT: Albion Park Rail

bypass

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDERS (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



			ATTENDEES (INSPECTION): Peter Chudieign (Rivis), James	Diamona (i	iij aliu iot	Jy Hobbs (valitage).	
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: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



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



PROJECT: Albion Park Rail

bypass

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan

(FH)

DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
						Area tidied up with bunding reinforced and ground stabilised with additional hardstanding	
2	Gate 22	Some mind (geofabric	enerally appropriate and diversions appear effective. or maintenance of exclusion zone fencing and er/sed covering) required. In some instances, water has been fills so de-watering and treatment will be required.	ESC- ESNM	Low- Medium	Where basin capacity has allowed, turbid water on fills have been drained or pumped to sediment basins for treatment. Revisions to fills to enable more free draining being discussed with superintendents as a priority. Fabric re-pinned	7/06/2019



PROJECT: Albion Park Rail

bypass

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor - Fulton Hogan (FH)

DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



ACTION CLOSE **LOCATION ISSUE/COMMENT** NO. CODE RISK (Contractor or RMS) **OUT DATE** Exclusion zone fencing repaired



PROJECT: Albion Park Rail

bypass

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



		ATTENDED (INSTECTION). Teter chadicign (INVIS), James Diamond (TT) and Toby Hobbs (Vantage).					
NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE	
3	Gate 17/ Frazers	Controls to protect creek are very good and have functioned well druing rainfall event – well done. Spill kits and exclusion zone	GEN-POS	N/A			
	Creek	fencing/signage are present. Temporary crossing is well constructed.	GEN-FF	Low- Medium	Fencing reinstated	12/06/2019	
		Maintenance of boundary/exclusion fencing is required due to high winds.					



PROJECT: Albion Park Rail

bypass

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



	ATTENDEES (INSPECTION): Peter Chiddleigh (Rivis), James Diamond (Fn) and Toby Hobbs (Vantage).					
NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
		Section 1.				



PROJECT: Albion Park Rail

bypass

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
4	Fill 4/ Macquarie Rivulet	waterway been used Root-balls translocat maintenar	te controls are generally in place with good protection of and segregation of clean and dirty flow. Geo-spray has to line clean water channel with good stability evident. have been used for habitat enhancement along with ed vegetation from adjacent clearing. Some minor nice of perimeter controls, signage and fencing adjacent to exclude is required.	ESC- ESNM GEN-POS	Low N/A	Fencing and signage reinstated	6/06/2019



PROJECT: Albion Park Rail

bypass

(Stage 2 - Yallah to Oak Flats)

WORKS UNDERTAKEN BY:

Contractor – Fulton Hogan (FH)

DATE OF INSPECTION: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

ATTENDEES (SITE TOUR): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Chudleigh (RMS), James Diamond (FH) Nathan Russell (FH), Shannon Chisholm (FH) and Toby Hobbs (Vantage)

ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:

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: 04 June 2019

ATTENDEES (MEETING): Joanne Glass (DP&E), Jacqui McLeod (DP&E), Peter Hawkins (RMS), Peter Chudleigh (RMS) Nathan Russell (FH), James Diamond (FH) Shannon Chisholm (FH) and Toby Hobbs

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ATTENDEES (INSPECTION): Peter Chudleigh (RMS), James Diamond (FH) and Toby Hobbs (Vantage).

WEATHER CONDITIONS:

Rain and wind, 14°C (Approx. 45mm rain in prior 24hr period)

PROJECT IDENTIFIED AS HIGH RISK FOR ESC: Yes

STATUS:



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



Issued by:Toby Hobbs
Environmental Representative

Phone: 0420 922 955

Issued to:Shannon Chisholm
Fulton Hogan

Date: 04 June 2019

Copy to: Jacqui McLeod (DP&E), Joanne Glass (DP&E), Peter Hawkins (RMS), Warren Blacka (RMS), Steve Lappin (RMS), Mick LeCerf (RMS), David Ledlin (RMS), Kamlesh Prajapati (RMS) Peter Chudleigh (RMS), Nathan Russell (Fulton Hogan), James Diamond (Fulton Hogan), Jacob Cooper (Fulton Hogan) & Tom Dewhurst (Fulton Hogan).

LEGEND

RECOMMENDI	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 *Roads & Maritime Services Guidance Note: Environmental Inspection Reporting (June 2015)*

ENVIRONMEN	ENVIRONMENTAL STATUS								
Red	 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	 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	 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. 								



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

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 18 June 2019

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C

PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:

NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
1	Cut 5	Soil binder has been applied to East-west link embankment at southern end of works. Temporary controls have been improved and overall the er/sed risks have been reduced. Some minor areas of unstabilised/uncovered soil are present at culvert works site. Please complete required maintenance prior to next forecast rain. Maintenance of concrete wash-outs required.	ESC-DAU WAS-IWS	Low to medium	Fabric re-pinned to cover exposed areas within culvert Maintenance of washouts undertaken	22/06/2019



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

WORKS UNDERTAKEN BY: Contractor - Fulton Hogan (FH) **DATE OF INSPECTION: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

ESC: Yes

WEATHER CONDITIONS: Part cloud, 18°C

PROJECT IDENTIFIED AS HIGH RISK FOR

STATUS:



Cont	ractor – Fulto	n Hogan (FH)					
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:** 18 June 2019

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(EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C

PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:

NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
2	Fill 13	Diversions continue to be effective and controls across site appear generally appropriate. Recently seeded drainage channels showing good strike. Access to private property continues to be maintained as required. Ongoing sweeping of local roads adjacent to site access required and noted to be in progress at time of site visit.	AIR-USD	Low	Sweeping of gates by Street Sweeper ongoing during works.	19/06/2019



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

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly

(EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C

PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

Green

STATUS:

Cont	ractor – Fulton Hogan (FH)						
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: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

 $\textbf{WEATHER CONDITIONS:} \ \mathsf{Part cloud}, \ 18^{\circ}\mathsf{C}$

PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

Groon

STATUS:

Green

					21.222	
NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
3	Gate 20	Catchment has been divided to ensure flow to licensed basins and clean water diversions are in place. Some minor maintenance required following recent rain/wind events.	ESC-ESNM	Low	Maintenance of fabric undertaken	22/06/2019



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

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C
PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:

NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
4	Colden Drive channel	oring point viewed. Good to see that site view discharge locations.	N/A	N/A	(Contractor or RMS) Noted	OUT DATE



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

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 18 June 2019

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C
PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:

NO	LOCATION	ACCUTE CONTRACTALE		DICK	ACTION	CLOSE	
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	(Contractor or RMS)	OUT DATE
5	Gate 17/ Frazers Creek	Bulk earthworks for appropriate.	diversion progressing. Controls generally	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: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C
PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:



actor — Fulton Hogan (FH)					
LOCATION	ISSUE/COMMENT	CODE	BICK	ACTION	CLOSE

NO.	LOCATION	ISSUE/COMMENT	CODE	RISK	(Contractor or RMS)	OUT DATE	
6	Gate 13/ Fill 7	Fill placement and wick-drain installation in progress. Fill is being routinely inspected for unexpected finds/materials of concern. Housekeeping is very good with well maintained site access points in place.	GEN-POS	N/A	(Contractor or RMS) Noted	OUT DATE	



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

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 18 June 2019

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C

PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

Green

STATUS:

Cont	ractor – Fulto	n Hogan (FH)					
NO.	LOCATION		ISSUE/COMMENT	CODE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
			HBMI BSM ³				
7	Macquarie Rivulet / Fill 4	Maintenance of cont pondage area has be evident. Maintenan	led areas are showing signs of good strike. trols is occurring and habitat enhancement een hydro-seeded with good outcomes ce of exclusion zone/boundary fencing ecent clearing on western side of works.	FF	Low to medium	Exclusion zone fencing undertaken.	21/06/2019



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

WORKS UNDERTAKEN BY: Contractor – Fulton Hogan (FH) **DATE OF INSPECTION:** 18 June 2019

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly

(EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C

PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

Green

STATUS:

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

Good capacity evident in basins.



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

WORKS UNDERTAKEN BY:
Contractor – Fulton Hogan (FH)

Fill 3

DATE OF INSPECTION: 18 June 2019

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C
PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:



Contractor Falton Hogan (H)								
NO.	LOCATION		ISSUE/COMMENT	CO	DE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
8	Gate 8/	First round of piling	works complete, maintenance of concrete	WAS-	Low	Maintena	nce of concrete washouts undertaken	21/06/2019

IWS



wash-outs required. Clean and dirty water segregation in place.



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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: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:



NO.	LOCATION	I 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: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C
PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

STATUS:

Green

NO.	LOCATION	ISSUE/COMMENT	cc	DDE	RISK	ACTION (Contractor or RMS)	CLOSE OUT DATE
9	Fill 2	Noise attenuation blankets are in place. Fills with coal wash material are draining to basins as per ESCP.	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: 18 June 2019**

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly (EPA), James Diamond (FH) and Toby Hobbs

PROJECT IDENTIFIED AS HIGH RISK FOR

WEATHER CONDITIONS: Part cloud, 18°C

ESC: Yes

STATUS:



ISSUE/COMMENT CODE PISK ACTION CLOSE

NO.	LOCATION		СО	DE	RISK	(Contractor or RMS)	OUT DATE
10	Fill 1/ Duck Creek	Site housekeeping very good with spill kits in place and protection for creek channel installed.	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:** 18 June 2019

ATTENDEES: Peter Chudleigh (RMS), Peter Hawkins (RMS), Chris Kelly

(EPA), James Diamond (FH) and Toby Hobbs

WEATHER CONDITIONS: Part cloud, 18°C

PROJECT IDENTIFIED AS HIGH RISK FOR

ESC: Yes

Green

STATUS:

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

General Comments:

- Overall the site appeared well managed with a good range of environmental controls in place.
- Project team are instigating a range of systems to verify suitability of fill materials entering site so that unexpected inclusions can be identified and managed appropriately.



Issued by:
Toby Hobbs
Environmental Representative
Phone: 0420 922 955

Issued to:Shannon Chisholm
Fulton Hogan

Date: 18 June 2019

Copy to: Jacqui McLeod (DP&E), Joanne Glass (DP&E), Peter Hawkins (RMS), Warren Blacka (RMS), Steve Lappin (RMS), Mick LeCerf (RMS), David Ledlin (RMS), Kamlesh Prajapati (RMS) Peter Chudleigh (RMS), Nathan Russell (Fulton Hogan), James Diamond (Fulton Hogan), Jacob Cooper (Fulton Hogan) & 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*				

^{*} To be completed sooner if adverse weather conditions predicted

¹ The format of this Environmental Inspection Report is based on the *Roads & Maritime Services Guidance Note: Environmental Inspection Reporting (June 2015)*

ENV	INVIRONMENTAL STATUS						
	Red	 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	 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	 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

ii

Summary of ER Certifications and Approvals

Document Reference: AL17-274-2 ER June 2019 Report Date: 08 July 2019



APRB Stage 2 Infrastructure Approval Reporting Requirements

Plan/Report Title	Date of Issue of ER Endorsement	Consistent with Infrastructure Approval Conditions?
Staging Report, Rev. 0, 09 February 2018 (prepared for Stage 1 works)	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
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
Ancillary Facilities Management Plan, Rev. 7, 15 November 2018	15 November 2018	Yes
EWMS 3: Site Compound AS06 Establishment, Rev. 2, 16 November 2018	22 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



Professional solutions for your project

Plan/Report Title	Date of Issue of ER Endorsement	Consistent with Infrastructure Approval Conditions?
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





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