



7 December 2021

REF: AQ1148.5 monthly report 2111

Transport for NSW

Attention to: [REDACTED]

Parramatta Light Rail

RE: Parramatta Light Rail – ER Monthly Report for November 2021

[REDACTED] submits this report to the Secretary in accordance with:

- Condition A23 (i) of the Conditions of Approval for the Parramatta Light Rail project, ER is to prepare and submit to the Secretary and other relevant regulatory agencies, for information, an **Environmental Representative Monthly Report**, and;
- As required by the appointment as the approved Environmental Representative (DPIE letter dated 21/8/2018)

The attached summary details the requirements of the monthly report in accordance with the ER Protocol for works during the month of November 2021 for the Parramatta Light Rail project.

The report includes information for the following contractors/packages:

- DWJV – Enabling works
- PCPLR (CPBD) – Infrastructure works
- GRCLR – SOM

Yours sincerely,

[REDACTED]

[REDACTED]
Environmental Representative

[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]

Summary Table for November 2021 – DWJV – Package 1, Enabling Road Works

Key construction activities ER team:	Woolpack Hotel Removal of footpath asphalt, installation of fence, linemarking and restoration of footpath
Upcoming construction activities, monthly look ahead	Finalisation of works at Woolpack Hotel
Changes to project:	Nil this reporting period
ER Activities Site inspections :	There were nil inspections conducted by the ER.
Audits :	Nil this reporting period
Community consultation	Community notification was distributed for the Woolpack Hotel works
Complaints received	There were nil complaints during the reporting period
Environmental Performance/NCR/Incidents	Enabling works - DWJV NCR's - Nil this reporting period. Incidents - Nil this reporting period
Lessons learnt/Opportunities for Improvement	The following Opportunity for improvement was identified: - Nil this reporting period
Changes to Project Plans/Approvals	Nil this reporting period
Meetings attended	Nil this reporting period
Documents issued by ER	Endorsements : ECM
	OOH approvals : PLR-DWJV-027 – Woolpack Hotel
	Minor Ancillary Facility approval : Nil this reporting period
Requests or CAR's by ER	Nil this reporting period
Analysis of monitoring results	No monitoring was undertaken during the reporting period. Woolpack Hotel works commenced on 30 November 2021.

Photos - There were no inspections undertaken during the reporting period

Summary Table for November 2021 -Parramatta Connect Light Rail (CPBD) – Infrastructure Package

Key construction activities ER team: [REDACTED]	The following construction activities were undertaken in the reporting period: AREA 1 <u>Westmead</u> – Ongoing utility, overhead wiring, lighting, traffic signal, property adjustment, drainage, Combined Service Route (CSR), track works, road works (including kerb and gutter) and landscaping <u>Cumberland</u> – Ongoing utility, overhead wiring, lighting, drainage, CSR, track works, road works (including kerb and gutter) <u>North Parramatta</u> – Ongoing utility, overhead wiring, lighting, traffic signal, property adjustment, drainage, CSR, track works, road works (including kerb and gutter) and landscaping AREA 2 <u>West (CBD)</u> – Ongoing utility and services installations including Multifunction Poles (MFP), Low Voltage (LV) and property connections – Civil works (CSR, pavement adjustments) on Macquarie Street and North Lennox Bridge – Drainage works on North Lennox Bridge, Macquarie Street/Smith Street intersection – Track works on Church Street (North Lennox) and Macquarie Street – Paving (track and footpaths) on Church Street and Macquarie Street <u>East (Smith Street to Arthur Street)</u> – Ongoing general utility works (including MFPs, LV and lighting) – Property adjustment works on George Street – Civil works, including CSR on Macquarie Street, Robin Thomas Reserve, George Street and Tramway Avenue – Drainage works on Macquarie Street, Harris Street and George Street – Road construction on Macquarie Street, George Street, Tramway Avenue – Track work on Macquarie Street, George Street and Tramway Avenue – Paving work on Macquarie Street and Tramway Avenue – Landscaping on Tramway Avenue, Robin Thomas Reserve and Macquarie Street – Tree removal – Intersection works: ○ Macquarie/Smith ○ Macquarie/Harris
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	○ George Street / Alfred Street AREA 3 <u>Camellia</u> – James Ruse Drive Bridge Active Transport Link (ATL) and track works – Traffic signal and defect works – Landscaping <u>Carlingford Line</u> – CSR, drainage, platforms, track and lighting works at Rydalmere and Dundas stops – Rail grinding at Rydalmere and Dundas stops – Soft landscaping works from Camellia to Carlingford – Defect rectification works from Camellia to Carlingford
Upcoming construction activities, monthly look ahead	AREA 1: <u>Westmead</u> – Ongoing utility, Overhead Wiring, lighting, traffic signal, property adjustment, drainage, Combined Service Route (CSR), track works, road works (including kerb & gutter) and Urban Design (Soft & Hard landscaping) <u>Cumberland</u> – Ongoing utility, Overhead Wiring, lighting, drainage, Combined Service Route (CSR), track works, road works (including kerb & gutter) <u>North Parramatta</u> – Ongoing utility, Overhead Wiring, lighting, traffic signal, property adjustment, drainage, Combined Service Route (CSR), track works, road works (including kerb & gutter) and Urban Design (Soft & Hard landscaping) AREA 2: <u>West (CBD)</u> <i>Eat Street (1B):</i> – Continue footpath works – Continue CSR and track boxout works <i>Church Street:</i> – Completion of paving works – Finishing works / defects – Rail grinding (south George St Intersection) <i>Macquarie Street:</i> – Continue pavement and kerbing – Continue footpath works – Road reinstatement works (milling, re-sheeting, line marking) – Continue TCS works – Rail grinding – Completion works <i>Intersection closures:</i>

	– Macquarie/Smith Street Intersection <u>East (Smith Street to Arthur Street)</u> <i>Macquarie Street</i> – continue box out for CSR and track slab – continue track and slab installation – continue pavement, kerbing and landscaping – continue MFP installation <i>Harris Street:</i> – continue drainage – Completion of TCS and pavement works – Harris Street (RTR) – grass track – Harris Street (RTR) – landscaping – commence TCS works – Road reinstatement works (milling, re-sheeting, line marking) <i>George Street</i> – continue road construction – continue track and slab installation – continue landscaping – continue property adjustments – continue footpath and kerbing – commence TCS works – Road reinstatement works (milling, re-sheeting, line marking) <i>Tramway Avenue</i> – continue box out for CSR, track slab and roads – continue paving and landscaping – platform construction – box out for CSR and track slab <i>Intersection closures</i> – Macquarie/Charles Street (Jan '22) – Macquarie/Harris Street (completion) AREA 3: <u>Camellia</u> – James Ruse Drive Bridge track works – Arthur Street CSR and Track works <u>Carlingford Line</u> – ATL, CSR, drainage, platform and track works at Rydalmere and Dundas stops. – Soft landscaping works from Camellia to Carlingford – Defect rectification works
Changes to project:	<u>Consistency Assessments</u> There was one Consistency Assessment approved by TfNSW during the reporting period: – PCPLR-CA-030 (155 George St Access)

	– <u>Environmental Reviews</u> There were no Environmental Reviews during the reporting period.
ER Activities Site inspections :	There were five inspections conducted by the ER during the reporting period: CPBD096 - 2 November 2021 CPBD097 – 9 November 2021 CPBD098 – 15 November 2021 CPBD099 – 23 November 2021 CPBD100 – 30 November 2021
Audit	There were no formal audits undertaken during the reporting period. Mini audits were undertaken across the project of spill kits and plant and equipment signage as a result of ER inspection recommendations
Community consultation	8 notifications were issued – IW 400, 396, 397, 402, 417, 422, 411 and one feedback flier regarding HSC impacts.
Complaints received	There were 62 complaints in the period. 14 of these complaints were associated with noise and vibration and 10 with property damage.
Environmental Performance/NCR/Incidents	<u>Environmental Incidents</u> 22 Nov – Engine oil spill Tiptrees Ave. An engine oil spill occurred when a parked light vehicle rolled away and collided with a fence. The spill was contained to site with no loss to stormwater. 22 Nov – Hydraulic spill Kissing Point Rd bridge. During graffiti removal works at Kissing Point Road, Dundas with an Elevated Work Platform, a hydraulic oil spill occurred. The hardstand area was impacted and the spill kit was deployed <u>Non-compliances</u> 24 Nov – The ER identified a non-compliance in response to a recurring absence of noise blankets to mitigate HNIW.
Lessons learnt/Opportunities for Improvement	The following opportunities for improvement were raised by the ER during the reporting period: 15 November 2021: Pre-start for today's activities. Excessive noise not identified as occurring on hazard list, although hammering is noted as a planned activity. Suggest updating form to identify HNIW activities specifically 23 November 2021: Tramway Ave – Weed management required in landscaped area 23 November 2021: Harris St – Recommend removing sandbags/sediment controls from drains where the surrounding areas are sealed. 23 November 2021: Arthur Phillip High – Tree protection measures should be installed for planted trees to ensure they are not damaged whilst works are taking place in the immediate vicinity 23 November 2021: Lennox Bridge north stormwater – repair to state heritage listed Lennox Bridge to be reviewed by heritage consultant/architect and approved as being repaired in a consistent manner with the fabric of the bridge

	30 November 2021: Cumberland East – Review stockpiling area and overtopping of jersey kerbs.
Changes to Project Plans/Approvals	The annual review of the CEMP and sub-plans was completed during the reporting period and all documents have been endorsed by the ER.
Meetings attended	Env coordination meeting – 9/11/21 Env coordination meeting – 23/11/21 DPIE meeting – 25/11/21
Documents reviewed and/or endorsed by ER this reporting period	<u>Flexibility Provision endorsement</u> – Nil this reporting period
Document issued by ER	OOH approvals: Nil this reporting period. Minor Ancillary Facility approval: Nil this reporting period
Requests or CAR's by ER	Requests by ER made through site inspection reports have been addressed and closed out - NCR raised - Mini audits undertaken of spill kits and plant signage
Analysis of monitoring results	19 x noise monitoring, no exceedances of predictions associated with construction noise (including 4 x continuous noise loggers within Westmead/Cumberland hospital precinct and 12 x monthly verification monitoring) 3 x continuous vibration monitors within Westmead/Cumberland hospital precinct. DDG results for Dundas and Rydalmere were within limits. Gauges at Carlingford, Telopea and 13A Grand Ave have been removed. Asbestos air fibre monitoring was undertaken and no results exceeded the trigger limits. 1 x water discharge/dewatering events, within limits Water quality monitoring was undertaken during the reporting period at the following locations: AC2, CC1, CC2, DC1, PR1, PR2, PR3, PR4, PR5, PR6, SC1, VY1, VY2. GHFF monitoring was undertaken on the following dates 27/10, 5/11, 12/11, 16/11 with no disturbance identified Nest box monitoring report was submitted in November

Photos



Inspection CPBD096, 2/11/21

Area 2: Looking south Church St, NPA – Paving works taking place.



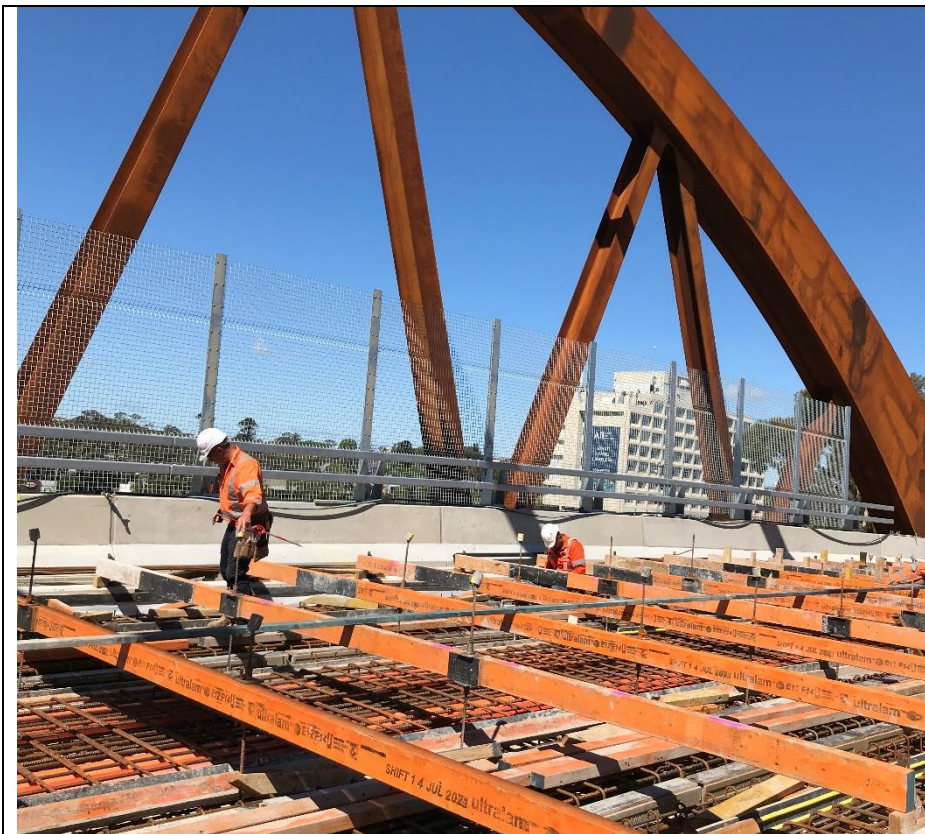
Inspection CPBD096, 2/11/21

Area 2: George St, Robin Thomas Reserve – topsoil being placed in green track sections in preparation for turf



Inspection CPBD098, 15/11/21

Area 3: Dundas – concreting works taking place for Stop



Inspection CPBD098, 15/11/21

Area 3: James Ruse Dr bridge – formwork and reo being prepared for track pour



Inspection CPBD099, 23/11/21

Area 2: Robin Thomas Reserve – landscaping taking place



Inspection CPBD100, 30/11/21

Area 1: Hainsworth St/Bridge Rd intersection – the road has been switched onto the track area to enable continued access whilst roadworks take place



Inspection CPBD100, 30/11/21

Area 1: Church St, NPA – landscaping taking place adjacent to Fennell St compound area

Summary Table for November 2021 – GRCLR - SOM

Key construction activities ER team:	The following construction activities were undertaken in November: <u>SAMF</u> • Earthworks • Drainage installation works • Remediation solution – water management • Erosion and sediment control installation • Survey/site surveillance and validation works <u>Whole alignment</u> • Nil this reporting period
Upcoming construction activities, monthly look ahead	SAMF construction: • Drainage • CSR • Concrete (FRP) works Depending on INFRA/SOM handover timing • Site establishment – TPS 4, 6, 7 and BOCC (Dundas)
Changes to project:	<u>Consistency Assessments</u> – Nil this reporting period <u>Environmental Reviews</u> – Nil this reporting period
ER Activities Site inspections :	There were two inspections conducted by the ER during the reporting period: SOM003 - 9 November 2021 SOM004 – 23 November 2021
Audit	An audit was undertaken by TfNSW of TPS locations for site readiness
Community consultation	1 x notification distributed this reporting period
Complaints received	Nil this reporting period
Environmental Performance/NCR/Incidents	Nil this reporting period
Lessons learnt/Opportunities for Improvement	The following opportunity for improvement was raised by the ER during the reporting period: 9 November 2021: Contractor to monitor Grand Ave access and refresh rock as required. Suggest relocation of wheel wash to further back from top of ramp.
Changes to Project Plans/Approvals	Updates to the following plans are pending for the next reporting period: • SWMP

	• WRMP • TTAMP
Meetings attended	Meeting attended by ER via Teams: - 3 November 2021 (EPS) - 3 November 2021 (ONVR consultation with DPIE) - 10 November 2021 (noise complaints) - 17 November 2021 (EPS) - 30 November 2021 (EPS)
Documents reviewed and endorsed by ER this reporting period	<u>Flexibility Provision endorsement</u> - Nil this reporting period
Document issued by ER	OOH approvals : OOHW Approval 001 – Mauri sewer works Minor Ancillary Facility approval : Nil this reporting period
Requests or CAR's by ER	Nil this reporting period
Analysis of monitoring results	No monitoring was carried out during the reporting period. A DDG was installed outside the Colquhoun St boundary, but was damaged by unknown persons. The DDG has been replaced and relocated within the SaMF site to prevent future damage.

Photos –



Inspection SOM003, 9/11/21

View towards Grand Ave, sediment fencing has worked effectively during rain events.



Inspection SOM003, 23/11/21

Grand Ave stabilised access.



Inspection SOM004, 23/11/21

Colquhoun St boundary – new controls installed along driveway areas.

Summary Table for November 2021 – Community Consultation

Activity	Detail
Reference Groups <i>via video conference call</i>	16 Nov – Business Reference Group held virtually
Community Information Events	- November – ongoing ‘Eat Street Uncovered’ activation and local business engagement 11 Nov – education program session with Wentworth Point Public School 15 Nov – New ‘Shop and Win’ campaign launched 24 Nov – Western Sydney Awards for Business Excellence (WSABE) Gala Dinner, including presentation for Parramatta Light Rail sponsored award for sustainability
Complaints:	62 complaints received, with the majority in Parramatta CBD. Top complaints related to: - Noise day works and night works - Property damage - Traffic and parking, and - Access
Enquiries	70 enquiries were received in November. Top enquiries related to access, property damage, construction impacts and end state design.
Construction Notifications distributed	11 construction notifications distributed in November 9 for Infrastructure Works 1 for Supply, Operate and Maintain 1 for Enabling Works
Fact Sheets (uploaded to website)	Nil this reporting period
Business Activation activities Facebook posts (Parramatta Light Rail) https://www.facebook.com/ParramattaLightRail	25 Facebook posts were uploaded during November 2021. The most popular Facebook post by reach and engagement was the James Ruse Drive bridge progress update, reaching 47,065 people and achieving 9427 engagements.
PLR Quarterly Newsletter	Nil this reporting period
Media Release	- Shop at your local business and win VIP A-League tickets - Tracking along the Parramatta Light Rail