



7 October 2021

REF: AQ1148.5 monthly report 2109

Transport for NSW

Attention to: 
Parramatta Light Rail

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

AQUAS 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 September 2021 for the Parramatta Light Rail project.

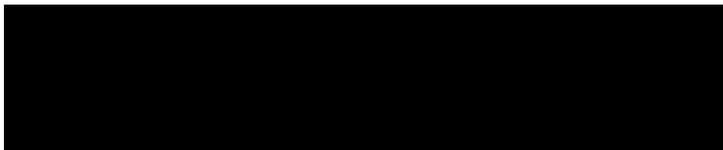
The report includes information for the following contractors/packages:

- Ventia – Early works portion 2 – final report
- PCPLR (CPBD) – Infrastructure works
- GRCLR – SOM

Yours sincerely,









Summary Table for September 2021 -Ventia – Early Works Portion 2

<p>Key construction activities</p> <p>ER team: </p>	<p>The following construction activities were undertaken in September:</p> <ul style="list-style-type: none"> - Installed concrete footings at leachate sumps - Completed importation and placement of structural fill and works on vents and drainage sumps associated with the integrated capping system - Completed demobilisation of site facilities, plant and equipment - Validation works continued - Completed installation of miscellaneous assets - Remediation works were completed on 18 September with the site formally handed over to GRCLR on 24 September.
<p>Upcoming construction activities, monthly look ahead</p>	<p>Validation works will continue in October under GRCLR site management</p>
<p>Changes to project:</p>	<p>Nil this reporting period</p>
<p>ER Activities</p> <p>Site inspections :</p>	<p>There was one inspection conducted by the ER:</p> <p>VNT065 – 9 September 2021</p> <p>Issues raised in this inspection were closed via the provision of photographs</p>
<p>Audit</p>	<p>Nil this reporting period</p>
<p>Community consultation</p>	<p>There were no face-to-face community or stakeholder engagement activities.</p> <p>Environmental Monitoring Summaries for August 2021 were sent during September to the following community stakeholders:</p> <ul style="list-style-type: none"> - ATC - James Hardie - CSR Monier <p>A project completion notification has been distributed</p>
<p>Complaints received</p>	<p>1 complaint received this reporting period</p>
<p>Environmental Performance/NCR/Incidents</p>	<p><u>Non-Compliance Report</u></p> <p>30 September – Key stakeholders were not notified of management plan updates as per the CEMP requirement.</p> <p><u>Environmental Incidents</u></p> <p>Nil this reporting period</p>
<p>Lessons learnt/Opportunities for Improvement</p>	<p>There were nil opportunities for improvement identified during ER inspections undertaken in September.</p>
<p>Changes to Project Plans/Approvals</p>	<p>Nil this reporting period</p>
<p>Meetings attended</p>	<p>ER attended the following meetings:</p> <ul style="list-style-type: none"> - 2 September 2021 (ERG) - 16 September 2021 (ERG) - 30 September 2021 (ERG)



Documents reviewed and endorsed by ER this reporting period	The following plans were reviewed by the ER during the reporting period: <ul style="list-style-type: none">• Nil this reporting period
Document issued by ER	OOH approvals : <ul style="list-style-type: none">– Nil this reporting period
	Minor Ancillary Facility approval : Nil this reporting period
Requests or CAR's by ER	Nil this reporting period
Analysis of monitoring results	The surface water monitoring for September 2021 were as follows: <ul style="list-style-type: none">- Total treated water for the reporting period was 0kL- 28.8mm of rainfall recorded on Parramatta BOM during this period

Photos



Photo taken 20/9/2021

Facing southwest – Water truck applying dust suppression polymer to completed structural fill layer



Inspection VNT065, 9/9/2021

Colquhoun St boundary, batter trimming.

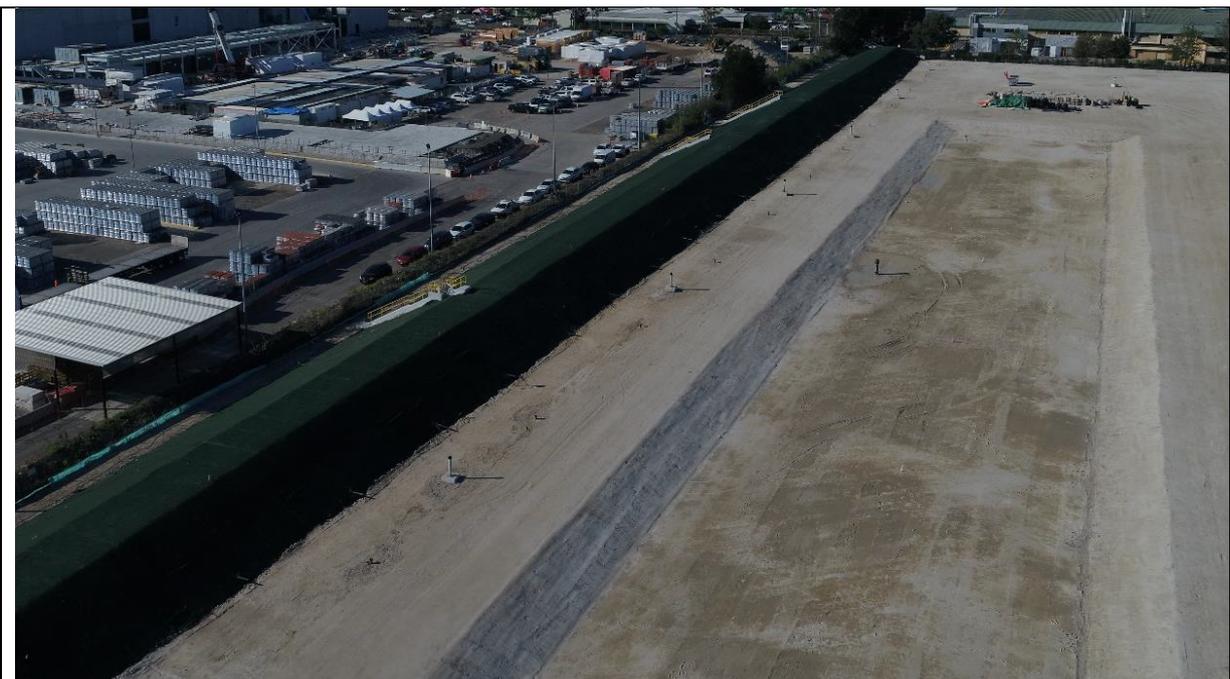


Photo taken 22/9/2021

Facing southeast – view of containment cell

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

<p>Key construction activities</p> <p>ER team: </p>	<p>The following construction activities were undertaken in the reporting period:</p> <p>AREA 1</p> <p><u>Westmead</u></p> <ul style="list-style-type: none"> - Ongoing property adjustment, drainage, Combined Service Route (CSR), track works - Urban design landscaping works commenced <p><u>Cumberland</u></p> <ul style="list-style-type: none"> - Ongoing property adjustment, drainage, CSR, track works - Urban design landscaping works commenced <p><u>North Parramatta</u></p> <ul style="list-style-type: none"> - Ongoing property adjustment, drainage, CSR, track works - Urban design landscaping works commenced <p>AREA 2</p> <p><u>West (CBD)</u></p> <ul style="list-style-type: none"> - Ongoing utility and services installations on Church Street and Macquarie Street - Ongoing electrical and lighting works - Ongoing Multifunction Pole works - Drainage works along Macquarie Street - Landscaping, paving and umbrella installation on Church Street - Footpath works along Macquarie Street - Finishing works - Intersection works: <ul style="list-style-type: none"> ▪ Church/Phillip Street Intersection ▪ Church/George Street Intersection <p><u>East (Smith Street to Arthur Street)</u></p> <ul style="list-style-type: none"> - Drainage works on Macquarie Street, Tramway Avenue - Ongoing civil works (pavement, CSR, road works) along Macquarie Street, Harris Street / Robin Thomas Reserve, George Street, Tramway Avenue - Track works along Macquarie Street George Street - George Street Underbore –reinstatement of work area - Intersection works: <ul style="list-style-type: none"> ▪ Macquarie/Harris Street ▪ George/Purchase Street ▪ George/Alfred Street
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	<p>AREA 3</p> <p><u>Camellia</u></p> <ul style="list-style-type: none"> - James Ruse Drive Bridge fit out works and track works. - CSR & drainage at Camellia, Rydalmere & Dundas Stops - Final track slab works <p><u>Carlingford Line</u></p> <ul style="list-style-type: none"> - ATL in Carlingford and at the stops - Ballast Tamping and Rail grinding ongoing (Camellia to Carlingford). - Soft landscaping works from Camellia to Carlingford - Camellia, Telopea & Carlingford Stop works ongoing - Footpath connections from Camellia to Carlingford.
<p>Upcoming construction activities, monthly look ahead</p>	<p>Area 1:</p> <ul style="list-style-type: none"> - Continue drainage, CSR, property adjustment and track works at Westmead, Cumberland campus and North Parramatta - Bridge deck pour followed by track slab and track <p>Area 2:</p> <p><u>West (CBD)</u></p> <ul style="list-style-type: none"> - Eat Street (Portion 1C) – Finishing works for handover - Church Street – continue of pavement and kerbing - Church Street – continue footpath works - Church Street – continue landscaping and MFP installation - Church Street – continue intersections finishing works - Church Street – civil works (Lennox to Market Street) - Macquarie Street – continue drainage - Macquarie Street – continue box out for CSR and track slab - Macquarie Street – continue track and slab installation - Macquarie Street – continue pavement and kerbing - Macquarie Street – continue footpath works - Intersection works: <ul style="list-style-type: none"> o Church/George (paving and MFP poles) o Macquarie/Smith Street Intersection <p><u>East (Smith Street to Arthur Street)</u></p> <ul style="list-style-type: none"> - Macquarie Street – Continue drainage - Macquarie Street – continue box out for CSR and track slab - Macquarie Street – continue track and slab installation - Macquarie Street – continue pavement, kerbing and landscaping - Macquarie Street – continue MFP installation - Harris Street – continue drainage - George Street – continue box out for CSR, track slab and roads - George Street – continue track and slab installation - George Street – continue landscaping

	<ul style="list-style-type: none"> - Tramway Avenue – continue box out for CSR, track slab and roads - Tramway Avenue – continue paving and landscaping - Tramway Avenue – retaining walls - Tramway Avenue – platform construction - Tramway Avenue – box out for CSR and track slab - Intersection works <ul style="list-style-type: none"> o Macquarie/Charles Street o Macquarie/Harris Street o George/Alfred Street <p>AREA 3:</p> <p><u>Camellia</u></p> <ul style="list-style-type: none"> - James Ruse Drive Bridge track works <p><u>Carlingford Line</u></p> <ul style="list-style-type: none"> - Overhead wiring works - Track rail grinding - ATL, CSR and drainage, platform and track works at Rydalmere and Dundas stops. - Soft landscaping works from Camellia to Carlingford - Footpath connections
Changes to project:	<p><u>Consistency Assessments</u></p> <ul style="list-style-type: none"> - Nil this reporting period <p><u>Environmental Review</u></p> <ul style="list-style-type: none"> - ER-030: Carlingford (Boundary Rd) Permanent footpath - ER-057: Footpath, kerb and road furniture
ER Activities Site inspections :	<p>There were three formal inspections and one informal inspection conducted by the ER:</p> <p>CPBD089 - 16 September 2021</p> <p>CPBD090 – 21 September 2021</p> <p>CPBD091 – 28 September 2021</p> <p>Informal inspection - 9 September 2021 (13A Grand Ave)</p>
Audit	<p>An internal sustainability audit was completed during the reporting period</p>
Community consultation	<p>There were six construction notifications issued for the period. Existing notifications were reviewed and altered to acknowledge COVID related program changes and provided electronically only</p>
Complaints received	<p>There were 79 complaints in the period.</p> <p>There was 34 complaints about noise, both OOH and day noise interrupting people working from home</p>
Environmental Performance/NCR/Incidents	<p><u>Environmental Incidents</u></p> <p>16 Sep – During concrete works at Telopea stop an oilspill from the agitator occurred at the gate and Sturt St. The spill was not mobile and was limited to hardstand, spill kit was deployed.</p>

	<p>23 Sep – Alfred St watermain rupture as a result of excavation in proximity to newly capped junction. Water flowed to newly installed stormwater pit that had controls in place.</p> <p><u>Non-compliances</u></p> <p>21 Sep – Unapproved use of Trott St by heavy vehicles</p>
Lessons learnt/Opportunities for Improvement	<p>The following opportunity for improvement was raised by the ER during the reporting period:</p> <ul style="list-style-type: none"> • 21 Sep - Sweep of pedestrian areas where temporary ramps have been installed should take place as these are breaking up in a number of locations in Area 2 and North Parramatta • 21 Sep - Church St, NPA – Reminder to check requirements for vibration monitoring in proximity to heritage buildings for compaction after stormwater installation • 28 Sept - Hawkesbury Rd, cnr Helen St – Ensure tree protection zones are appropriately established and items do not encroach within TPZ • 28 Sep - Parramatta River embankment, Bridge Rd, west – Review planting requirements under the bridge as per REMM BI-6 • 28 Sep - Church St, NPA – Ensure noise blankets are used as a roof on paver cutting setups
Changes to Project Plans/Approvals	<p>There were no changes to project plans of approvals during the reporting period.</p> <p>There were several EPL variations approved during the reporting period</p>
Meetings attended	<p>Env coordination meeting – 14/9/21</p> <p>Env coordination meeting – 28/9/21</p>
Documents reviewed and/or endorsed by ER this reporting period	<p><u>Flexibility Provision endorsement</u></p> <p>– Nil this reporting period</p>
Document issued by ER	<p>OOH approvals: Nil this reporting period.</p> <p>Minor Ancillary Facility approval: Nil this reporting period</p>
Requests or CAR's by ER	<p>Nil this reporting period</p>
Analysis of monitoring results	<p>18 x noise monitoring, no exceedances of predictions associated with construction noise (including 4 x continuous noise loggers within Westmead/Cumberland hospital precinct and 10 x monthly ambient monitoring)</p> <p>3 x continuous vibration monitors within Westmead/Cumberland hospital precinct.</p> <p>DDG for 13A Grand Ave, Dundas, Carlingford, Telopea and Rydalmere for July, with 13A Grand Ave exceeding the TIM level.</p> <p>Water cart use was increased for this site. It is noted that 13A Grand Ave is now landscaped</p> <p>Asbestos air fibre monitoring was undertaken and no results exceeded the trigger limits.</p> <p>2 x water discharge/dewatering events, within limits</p> <p>Water quality monitoring was undertaken during the reporting period on 2 occasions at the following locations: PR1, PR2, PR3, PR4, PR5, PR6, CC1, CC2, VY1, VY2, AC1, AC2.</p> <p>GHFF monitoring was not required during the reporting period</p>



Photos



Photo taken, 9/9/21

Area 3: 13A Grand Ave – Landscaping taking place.



Inspection CPBD090, 21/9/21

Area 2: Arthur St, paving, landscaping, entry to site



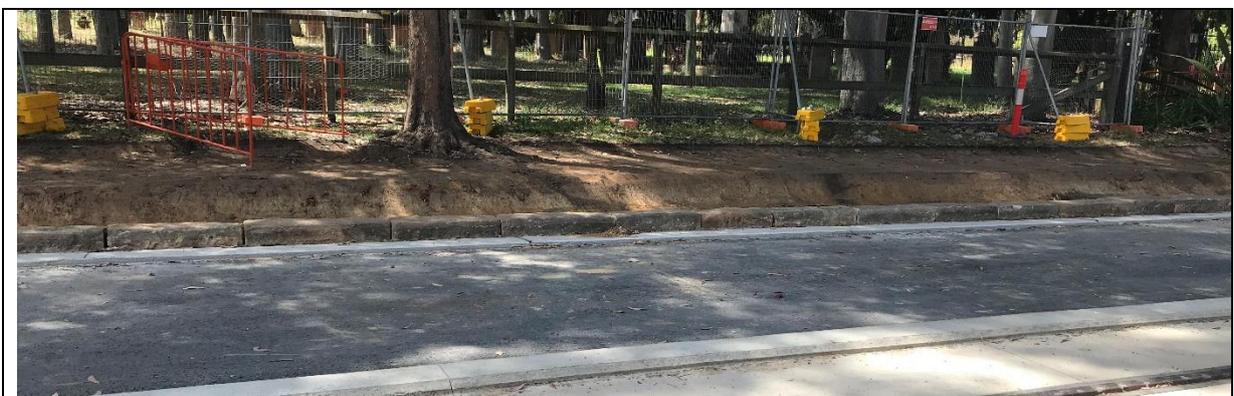
Inspection CPBD090, 21/9/21

Area 2 : Eat Street – paving works taking place



Inspection CPBD091, 28/9/21

Area 1: Westmead, Hawkesbury Rd – utilities works continue



Inspection CPBD091, 28/9/21

Area 1: North Parramatta, St Patrick's Cemetery – heritage sandstone kerbing has commenced being placed

Summary Table for September 2021 – GRCLR - SOM

Key construction activities ER team: ██████████	The following construction activities were undertaken in September: <ul style="list-style-type: none"> • Site establishment
Upcoming construction activities, monthly look ahead	Site establishment and commencement of occupational hygiene assessment at SaMF
Changes to project:	<u>Consistency Assessments</u> <ul style="list-style-type: none"> – Nil this reporting period <u>Environmental Reviews</u> <ul style="list-style-type: none"> – Nil this reporting period
ER Activities Site inspections :	Nil this reporting period
Audit	Nil this reporting period
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	Nil this reporting period
Changes to Project Plans/Approvals	Nil this reporting period
Meetings attended	Meeting attended by ER via Teams: <ul style="list-style-type: none"> - 7 September 2021 (EPS) - 22 September 2021 (EPS) - 8 September 2021 (ONVR consultation)
Documents reviewed and endorsed by ER this reporting period	<u>Flexibility Provision endorsement</u> <ul style="list-style-type: none"> - 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	Nil this reporting period
Analysis of monitoring results	Nil this reporting period

Photos – Nil formal inspections conducted to date.

Summary Table for September 2021 – Community Consultation

Activity	Detail
Reference Groups via video conference call	21 Sept – Business Reference Group held virtually with 20 attendees
Community Information Events	<ul style="list-style-type: none"> • 7 Sept – Light rail stop names considered at the Geographical Names Board • No community events due to public health orders
Complaints:	84 complaints received, with the majority in Parramatta CBD and North Parramatta. Top complaints related to: <ul style="list-style-type: none"> • Noise day works and night works • Safety • Access, and • Property damage
Enquiries	72 enquiries were received in September. Top enquiries related to access and business and construction impacts.
Construction Notifications distributed	7 construction notifications distributed in September <ul style="list-style-type: none"> • 6 for Infrastructure Works • 1 for Supply, Operate and Maintain
Fact Sheets <i>(uploaded to website)</i>	‘What is Light Rail?’ fact sheet for primary school educators ‘Grey-headed flying foxes’ fact sheet Bridge construction fact sheet Light Rail Vehicles fact sheet
Business Activation activities Facebook posts (Parramatta Light Rail) https://www.facebook.com/ParramattaLightRail	<ul style="list-style-type: none"> • 10 Facebook posts were uploaded during September 2021. The most popular Facebook post by reach and engagement was an update on the installation of outdoor dining structures on Eat Street, reaching 51,638 people.
PLR Quarterly Newsletter	Nil this reporting period
Media Release	<ul style="list-style-type: none"> • Light Rail remediation work complete