

NEWCASTLE INNER CITY BYPASS: RANKIN PARK TO JESMOND (SSI-6888)
ENVIRONMENTAL REPRESENTATIVE MONTHLY REPORT
January 2024

Reporting Period: 22 December 2023 to 31 January 2024. This reporting period is for the end of December and January construction works. The site was shutdown from the 21 December 2023 for the holiday period and was reopened on 8 January 2024. This January 2024 ER report accounts for the shutdown period.

This Environmental Representative (ER) Monthly Report is prepared in accordance with the Minister's Condition of Approval A26(k) for the Newcastle Inner City Bypass: Rankin Park to Jesmond (SSI-6888) and is consistent with the Environmental Representative Protocol (October 2018).



Photo: Aerial photo looking south

PROJECT SUMMARY

Delivery of a 3.4km section of the Newcastle Inner City Bypass (NICB) which will be built between Rankin Park to Jesmond (RP2J) and to the west of the John Hunter Hospital.

The Rankin Park to Jesmond project is the fifth section of the NICB, which forms part of the Transport for NSW long term strategy to connect the Pacific Highway between Bennetts Green and Sandgate.

The project has been broken into four stages:

Stage 1: Detailed design investigations (geotechnical and utility investigations) and low impact works (house demolition, heritage investigations, at-house noise treatment works, access, installation of environmental controls).

Stage 2: Shared Path Bridge.

Stage 3: Southern Interchange Utilities relocation works.

Stage 4: Main RP2J road construction.



PROJECT WORKS SUMMARY

- Stage 1: Low Impact Works including, House Demolition which was completed June 2021.
- Stage 2: Shared Path Bridge was completed March 2021.
- Stage 3: Southern Interchange Utility Relocation works were completed in August 2022.
- Stage 4: Main construction works underway, commenced March 2023.
At House Noise Treatment (AHNT) consultation and implementation commenced March 2022.

January 2024 Completed Works

The following is a summary of the works broken down into sub projects.

At House Noise Treatment Works

- Round 1 properties: all properties have completed physical works as at 5 September 2023.
- Round 2 properties:
32/100 properties completed (5 in January)
15 properties in progress.

Main Construction

- Site reopening works and checks.
- Installation and maintenance of ERSED controls including in waterways for culvert installation.
- Traffic and pedestrian pathway realignment and diversions.
- Earthworks including all interchanges along with the mainline.
- Utilities installation works.
- Dark Creek culvert diversion and construction.
- Bridge structures including piling, excavation, concrete pours.
- Progressive revegetation/ landscaping including shotcreting, batter stabilisation, installation of final landscape design.
- Minor clearing around the southern interchange.

OOHW works:

- Northern interchange:
 - Barrier install, line-marking, pavement (traffic staging).
 - Concrete works.
 - Utilities
 - Delivery and installation of precast structures.
 - Slip lane extension.
- Southern interchange:
 - Hauling material between southern interchange and mainline.
 - Concrete works.



February 2024 Upcoming Works

The following is a summary of the works broken down into sub projects:

At House Noise Treatment Work

- Round 1 properties completed
- Round 2 properties:
 - 15 properties currently in progress.
 - 53 properties progressing to installation.

Main Construction

- Site reopening works and checks.
- Installation and maintenance of ERSED controls including in waterways for culvert installation.
- Traffic and pedestrian pathway realignment and diversions.
- Earthworks including all interchanges along with the mainline.
- Utilities installation works.
- Dark Creek culvert diversion and construction.
- Bridge structures including piling, excavation, concrete pours.
- Progressive revegetation/ landscaping including shotcreting, batter stabilisation, installation of final landscape design.
- Minor clearing around the southern interchange.

Scheduled OOHW Works:

- Northern interchange:
 - Barrier install, line-marking, pavement (traffic staging).
 - Concrete works.
 - Utilities.
 - Delivery and installation of precast structures.
 - Slip lane extension.
- Southern interchange:
 - Hauling material between southern interchange and mainline.
 - Utilities.
 - Concrete works.

ER Activity:

Reviews/ Approvals/ Advice/ Meetings

- Minor Ancillary Facility – Fill 3: Review and approve.
- MCoA C3 Non-Compliance Report – Heavy Vehicles: Review.
- Blast Management Strategy: Review changes.
- Post Approval Tracking Register – December: Review.
- Monthly Newsletter and Three Month Look Ahead: Review.
- Community Notices/ Out of Hours Updates: Review.
- ERG Monthly Inspection and Meeting No.15 - Tuesday 12 December: Agenda and Minutes.
- Fortnightly Environmental Team Meeting with FHC, TfNSW and ER.
- Monthly DPE meeting with TfNSW, FHC and ER.



Inspections

- A site inspection was held on:
 - Wednesday 23 January.
- An Environmental Inspection Report was prepared and issued through the TfNSW Ngara system to FHC, TfNSW.

Environmental Review Group (ERG) Meeting

- There was no ERG in January 2024.
- The next ERG Meeting No. 16 is scheduled for Tuesday 6 February 2024.

Audits

- There were no ER audits held in January.
- No. 1 Independent Environmental Audit was undertaken in May 2023. All matters have been closed out.
- No. 2 Independent Environmental Audit will be undertaken in May 2024.

Stop Work Notices

- There were no Stop Work Notices in January.

Incidents (as per MCoA definition)

There were no incidents in January.

Non-compliances

There was one non-compliance in January.

- ***Monday 15 January 2024 – Truck and Dog Parking***

Trucks were scheduled to be inducted prior to starting haulage activities on the project. The sub-contractor was provided a Vehicle Movement Plan (VMP) showing the approved heavy vehicles routes and parking locations for the project. At 6.30am, five empty truck and dogs have entered Victory Parade and parked on the shoulder of the local road prior to being inducted on the project. Truck drivers were attending site inductions at the Jesmond compound and were immediately instructed by Fulton Hogan to remove vehicles from the area. Trucks had vacated the local road by 7.15am and entered the project site.

Environmental Issues (i.e.: not classified as Incidents as per MCoA)

There was one environmental issue in January.

- ***Monday 29 January – Asbestos Containing Materials (ACM)***

During foundation excavation in zone 1 on 29 January 2024, Fulton Hogan identified broken pipe on the western side of the entry/exit gate. Works were ceased and a 5 m area was flagged off. Hazmat was then contacted and attended site to take a sample and make an assessment of the substance.

CEMP, CEMPP & Minister's Conditions of Approval

Reports

- MCoA A26(k): Environmental Representative Monthly Report (November 2023): submitted to DPE (via Portal): 7 December 2023.

Monitoring

- Monthly noise monitoring as per NVMP did not exceed NML's.
- Water quality monitoring was undertaken pursuant to the SGWCMP during the month. The laboratory results were not available at the time of reporting.
- Dust gauges were changed on 2 January, the rolling averages are all below the criteria of 4, noting that there is not sufficient data for the rolling average to be reported accurately.

Community Consultation and Complaints

Community consultation

There were 97 events recorded in Consultation Manager – interactions with stakeholders.

- 90 x 1800 calls, emails, meetings, and door knocks, including; door knocking for EPL requirements of identified properties high and moderately impacted from night works, low impact controlled blasting, parking, project information, shared user path, night noise, traffic site vehicles speed.

Regular interactions

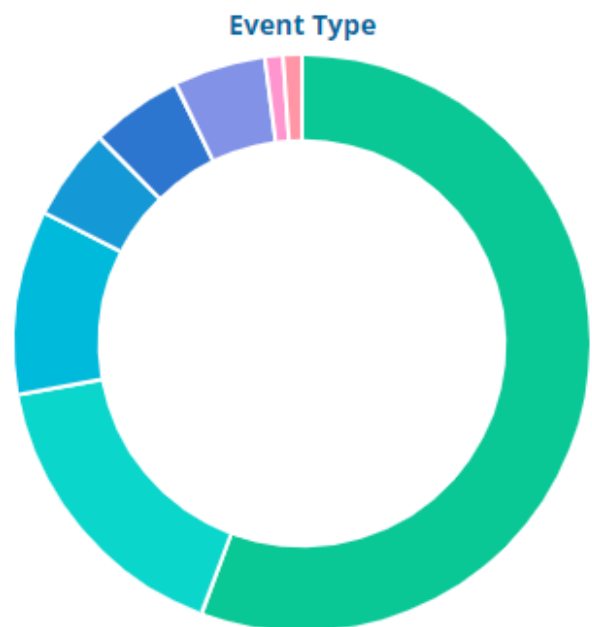
- JHHIP, AAP, Multiplex, Emergency Services – follow up meeting on low level controlled blasting.
- City of Newcastle – footpath works, bus stop final location and shelter enquiries.
- John Hunter Hospital and NSW Health Services – monthly meeting with FH and TfNSW
- Keolis Downer – bus stop final location on Newcastle Road and wobbly bus stop signage at temporary location.
- Weekly FH and TfNSW meetings.

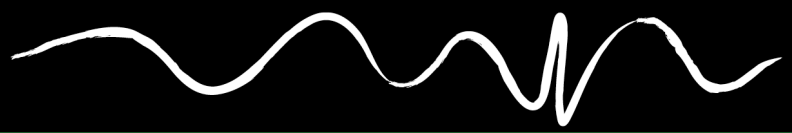
Property works

- 1 x fence completed.

Collateral

- Re-distribution of northern and southern interchange notification, prior to recommencing work on 8 Jan 2024
- Northern Interchange OOHW Feb notification– distributed.
- Three month look ahead – January 2024 - distributed





Complaints

- 2 x night noise – southern interchange (same stakeholder)
 - Noise monitoring completed.
 - White noise machine provided to stakeholder – no further complaints.
- 1 x workers parking on Myall Street – non site vehicle cars attending induction not realising they could park on site – more specific instructions added to induction invite.
- 1 x trucks parking on Victory Parade/Myall Street – superintendent spoke to drivers, misunderstanding about entry to site.
- 1 x dust – pool floor stained – dust monitor has no exceedance – undertook real time dust monitoring – near Newcastle Road.
- 1 x damaged tyre.
- 1 x light spill – lights tilted – McCaffrey Drive.

Trends

- Low impact controlled blasting questions and meetings.
- Shared user path current detours and future design.
- Bus stop new location on Newcastle Road.

Summary of Issues and Events

- Umwelt archaeologists handed over the artefacts located at 'Hollywood' to Newcastle Museum.
- Yallarwah Circle of reflection working bee – weeding and planting shrubs/trees that Fulton Hogan and JHH purchased from Trees of Newcastle that had been germinated and grown from the seed collection off the RP2J site.
- End of year BBQ and raffle, the team raised \$11,500 for the charity 'Hearts and Hands Community Development'.
- Had a 'Best Mo' and 'Tried my Best Mo', and 'Who raised the most money for my Mo' - competition during the BBQ.
- Since May 2023 the team has been collecting tea bag strings for Country Women's Association (CWA) who make items out of them. Dropped off the small ball of string to one of our stakeholders on Lookout Road who is in the CWA.


Upcoming Engagements

- Yallarwah Circle of Reflection re-opening – 20 February.
- Pop up community table – John Hunter Hospital – 21 and 22 February.
- Future school engagements – Callaghan Junior School, Minmi Primary School.

Closing Remarks

The construction works for the period to end of January consisted primarily of site shutdown works in late December, then January included site reopening works, earthworks, creek diversions, Dark Creek culvert works, traffic diversions, pilling and pouring bridge footings, installation of permanent drainage and landscaping, shotcreting batters and progressive ErSed control design and installation and residential property noise treatment works are also ongoing.

Currently, the key environmental risks include dust, surface water management, working in waterways (Dark Creek), traffic control and diversions, and managing and communicating OOHs with stakeholders. The monthly inspection was carried out during dry weather conditions after the construction team was fully operational. A number of minor environmental matters were raised and provided in a report to the site environmental team. A single non-conformance occurred on the site



due to truck and dog movements. This is currently being investigated to ensure contractors are aware of site environmental procedures.

The environment project team are managing the site's environmental risks appropriately with ongoing inspections and remediation occurring when required. Environmental issues for the month included minor ErSed control repairs and updating approvals.

RP2J Environmental Representative (as per MCoA A22)



Simon Williams
Principal Environmental Planner
Director
GeoLINK

Attachment: Site Images – January 2024

Site Images – January 2024



Image 1: Northern Interchange, view of the Dark Creek works on the northern side of Newcastle Road.



Image 2: Northern Interchange, view of the works on the northern side of Newcastle Road.



Image 3: Northern Interchange, view of the works on the southern side of Dark Creek. the culvert diversion can be seen in the photo, being used as a temporary sediment basin.



Image 4: Northern Interchange, the realigned Dark Creek culvert works. Southern side of Newcastle Road.

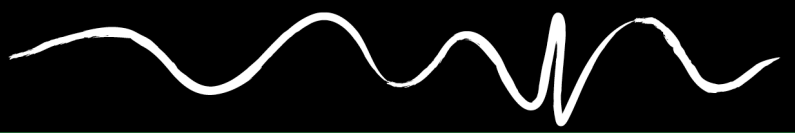


Image 5: Midway through main line, view looking west. ErSed controls in this area have been reinstated.



Image 6: Main line looking east towards John Hunter Hospital. This area is currently in the process of being handed back to the RP2J project.



Image 7: Main line work adjacent to JHH at sediment basin.



Image 8: Southern Interchange, the batter is in the process of being stabilised with various forms of final landscape designs.