

20 June 2024

## Upper South Creek Advanced Water Recycling Centre – July Work Look Ahead

Dear Community Member

Sydney Water is building the Upper South Creek Advanced Water Recycling Centre (AWRC) in Kemps Creek and associated pipelines to support population and economic growth in Western Sydney. We are continuing work to build the AWRC and the pipelines that extend east from Kemps Creek to Lansdowne and west from Kemps Creek to Wallacia. The tables below provide an overview of our work during standard working hours and outside standard working hours for the month of July.

### Our working hours

Our standard working hours are **7 am to 6 pm Monday to Friday** and **8 am to 1 pm Saturday**. From time to time, we will work at night to maintain safety for road users and workers and to keep people moving during peak travelling times. If you are directly affected, we will notify you before this occurs.

### Work locations and activities – standard hours

LOCATIONS	ACTIVITIES
WALLACIA	
Fowler Reserve	<p><b>Establish work area</b></p> <ul style="list-style-type: none"> <li>• installation of temporary fencing and flagging</li> <li>• minor earthworks to level and stabilise the area</li> <li>• clearing trees and vegetation</li> <li>• deliveries of materials and equipment.</li> <li>• establishment of site compound and work area for material and spoil stockpiles.</li> </ul> <p><b>Service investigations</b></p> <ul style="list-style-type: none"> <li>• surveying, utility locating and marking</li> <li>• potholing to determine location and depth of utilities</li> <li>• removing spoil from site using vacuum trucks</li> <li>• reinstating affected area.</li> </ul> <p><b>Pipeline installation</b></p> <ul style="list-style-type: none"> <li>• vehicles entering and exiting for material movement via lane closures</li> <li>• saw cutting the road and rock breaking during excavation</li> <li>• machinery and site vehicles parking on road carriageway and verges</li> <li>• excavating trenches, laying pipe, welding pipe joints, backfilling trenches and reinstating affected area.</li> <li>• water service relocation</li> <li>• installing precast chambers and valve arrangements.</li> </ul>
Park Road (between Willmington Road and Greendale Road)	
Byron Avenue and Shelley Road	
Park Road, Wallacia near Jerrys Creek	

LOCATIONS	ACTIVITIES
<b>WALLACIA CONTINUED</b>	
2595 Silverdale Road (Grove Farm), Wallacia	<p><b>Nepean River discharge structure</b></p> <ul style="list-style-type: none"> <li>• bulk earthworks, formwork, reinforcement and concrete pours</li> <li>• deliveries of materials and equipment</li> <li>• discharge of water.</li> </ul> <p><b>Valve Site Works</b></p> <ul style="list-style-type: none"> <li>• vegetation removal, bulk earthworks, formwork, reinforcement and concrete pours</li> <li>• deliveries of materials and equipment</li> <li>• pipelaying, valves and pavement installation.</li> </ul>
<b>BADGERYS CREEK AND LUDDENHAM</b>	
1589 Elizabeth Drive to Martin Road	<p><b>Service investigations</b></p> <ul style="list-style-type: none"> <li>• clearing trees and vegetation</li> <li>• establishing temporary investigation sites</li> <li>• CCTV of underground services</li> <li>• surveying, utility locating and marking</li> <li>• potholing to determine location and depth of utilities</li> <li>• soil sampling and testing</li> <li>• removing spoil from site using vacuum trucks</li> <li>• reinstating affected area.</li> </ul> <p><b>Pipeline installation and accessory installation</b></p> <ul style="list-style-type: none"> <li>• establishing the work area</li> <li>• saw cutting the road and excavating trenches for pipe installations</li> <li>• laying pipe, welding pipe joints, backfilling trench, concrete pours and reinstating affected area</li> <li>• vehicles entering and exiting for material movement</li> <li>• installing road plates to maintain access.</li> </ul>
Elizabeth Drive (between Martin Road and Adams Road Road)	
Adams Road to Park Road (via Willmington Road)	
The Northern Road near Farrier Place	<p><b>Micro-tunnelling</b></p> <ul style="list-style-type: none"> <li>• carrier pipe installation under the Northern Road</li> <li>• laying pipe, welding pipe joints, concrete pours, backfilling shaft and reinstating affected area.</li> </ul>
<b>KEMPS CREEK</b>	
Advanced Water Recycling Centre (AWRC), off Clifton Avenue	<p><b>Earthworks</b></p> <ul style="list-style-type: none"> <li>• management of sediment basins and spoil.</li> </ul> <p><b>Civil works</b></p> <ul style="list-style-type: none"> <li>• formwork and concrete pours for foundations and tanks</li> <li>• crane operation</li> <li>• excavation activities in various locations across the site</li> <li>• installation of in-ground services</li> <li>• block work, structural steel installation and pre-cast panels.</li> </ul> <p><b>Deliveries</b></p> <ul style="list-style-type: none"> <li>• oversized equipment, mechanical equipment, materials, concrete and pipes</li> <li>• deliveries of spoil.</li> </ul> <p><b>Electrical works</b></p> <ul style="list-style-type: none"> <li>• clearing trees and vegetation</li> <li>• surveying, utility locating and marking</li> <li>• potholing to determine location and depth of utilities</li> <li>• soil sampling and testing</li> <li>• removing spoil from site using spoil trucks</li> <li>• excavating, trenching and installing conduits.</li> </ul>
200 Cross Street Site Compound Facility	<p><b>Compound</b></p> <p>deliveries of spoil and materials.</p>

LOCATIONS	ACTIVITIES
<b>KEMPS CREEK CONTINUED</b>	
Advanced Water Recycling Centre (AWRC) through private properties to Elizabeth Drive	<b>Pipeline and accessory installation</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul> <b>Electrical works between AWRC through to private properties to Elizabeth Drive</b> <ul style="list-style-type: none"> <li>clearing trees and vegetation</li> <li>set up temporary fencing on private properties and private access road</li> <li>surveying, utility locating and marking</li> <li>potholing to determine location and depth of utilities</li> <li>soil sampling and testing</li> <li>removing spoil from site using spoil trucks</li> <li>excavating, trenching and installing conduits in trench.</li> </ul>
Western Road (between Elizabeth Drive and Cross Street)	
Cross Street	
Private properties between Cross Street and Range Road	
Range Road	
Sydney International Shooting Centre	
Western Sydney Parklands	
<b>CECIL HILLS AND BONNYRIGG</b>	
M7 Motorway to Kensington Close (through Western Sydney Parklands)	<b>Service investigations</b> <ul style="list-style-type: none"> <li>establishing temporary investigation sites</li> <li>surveying, utility locating and marking</li> <li>CCTV of underground services</li> <li>soil sampling and testing</li> <li>potholing to determine location and depth of utilities</li> <li>removing spoil from site using vacuum trucks</li> <li>reinstating affected area.</li> </ul> <b>Pipeline and accessory installation</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul> <b>Horizontal directional drilling (HDD) works</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>constructing entry / exit pit for the drilling rig.</li> </ul>
Feodore Drive and Frederick Road	
North Liverpool Road (between Cowpasture Road and Montgomery Road)	
Montgomery Road (between Elizabeth Drive and North Liverpool Road)	
Monash Place	
Hebblewhite Park – Hebblewhite Place	
Woolway Park – Frederick Road	
Liverpool Reservoir Facility (off Cowpasture Road)	<b>Compound</b> <ul style="list-style-type: none"> <li>deliveries of spoil and materials.</li> </ul>
<b>CABRAMATTA WEST</b>	
Harrington Street (between Edensor Road and John Street)	<b>Pipeline and accessory installation</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul>
John Street (between Harrington Street and Lime Street)	
<b>CABRAMATTA</b>	
John Street (between Abercrombie Street and Coventry Road)	<b>Pipeline and accessory installation</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul>
Cumberland Street (between Curtin Street and Broomfield Street)	
Fairview Road (between Curtin Street and Bareena Street)	
Cabravale Leisure Centre car park	
<b>CANLEY VALE</b>	
Bartley Street (between Park Road and Railway Parade)	<b>Pipeline and accessory installation</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul>
Chancery Street (between Vale Street and Lansdowne Road)	
Beckenham Street (between Bromley Street and Willowbank Crescent)	
Willowbank Crescent towards Remembrance Driveway Lennox Reserve (beside Hume Highway)	

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LOCATIONS	ACTIVITIES
<b>FAIRFIELD</b>	
Fairfield Water Resource Recovery Facility (off East Parade)	<b>Deliveries</b> <ul style="list-style-type: none"> <li>• spoil and materials.</li> </ul>
<b>LANSDOWNE</b>	
Lansdowne Reserve	<b>Service investigations</b> <ul style="list-style-type: none"> <li>• surveying, utility locating and marking</li> <li>• CCTV of underground services</li> <li>• soil sampling and testing</li> <li>• potholing to determine location and depth of utilities</li> <li>• removing spoil from site using vacuum trucks</li> </ul> <b>Pipeline installation</b> <ul style="list-style-type: none"> <li>• establishing the work area</li> <li>• deliveries of spoil and materials</li> <li>• excavating trenches for pipe installations</li> <li>• laying pipe and welding pipe joints</li> <li>• backfilling trench and reinstating affected area.</li> </ul> <b>Valve site works</b> <ul style="list-style-type: none"> <li>• vegetation removal, bulk earthworks, formwork, reinforcement and concrete pours</li> <li>• deliveries of materials and equipment</li> <li>• pipelaying and pavement installation.</li> <li>• establishing material laydown areas and construction of temporary access road.</li> </ul> <b>Horizontal directional drilling (HDD) works</b> <ul style="list-style-type: none"> <li>• establishing the work area</li> <li>• constructing entry / exit pit for the drilling rig</li> <li>• installing the pipeline, including welding and stringing the pipeline.</li> </ul>

### Work locations and activities – outside standard hours

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
<b>WALLACIA</b>			
Park Road (between Willmington Road and Greendale Road)	<b>Service investigations</b> <ul style="list-style-type: none"> <li>• establishing temporary investigation sites, including temporary removal of parking</li> </ul>	<ul style="list-style-type: none"> <li>• From 1 July</li> <li>• Monday to Thursday, 8pm to 1am, one hour break, then 2am to 5am</li> <li>• Friday to Saturday 8pm to 1am, one hour break, then 2am to 6am</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate to noisy</li> </ul>
Willmington Road and Park Road intersection	<ul style="list-style-type: none"> <li>• surveying, soil sampling, utility locating and marking, CCTV of underground services</li> <li>• using concrete saw cutters and jackhammers for potholing.</li> </ul>		
Silverdale Road (between Mulgoa Road and Bents Basin Road)	<b>Pipeline installation</b> <ul style="list-style-type: none"> <li>• establishing the work area, including temporary removal of parking and road closures</li> <li>• vehicles entering and exiting for material movement</li> <li>• saw-cutting the road and excavating trenches for pipe installations</li> <li>• laying pipe, welding pipe joints, concrete pours, backfilling trench and reinstating affected area</li> <li>• installing road plates to maintain access</li> <li>• water service relocations.</li> </ul>	<ul style="list-style-type: none"> <li>• From 1 July</li> <li>• Monday to Thursday, 8pm to 1am, one hour break, then 2am to 5am</li> <li>• Friday to Saturday 8pm to 1am, one hour break, then 2am to 6am</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate</li> </ul>
276 Park Road, Wallacia, Site compound Facility	<b>Pipeline installation</b> <ul style="list-style-type: none"> <li>• heavy and light vehicle movement</li> <li>• machinery delivery and removal</li> </ul>	<ul style="list-style-type: none"> <li>• From 1 July</li> <li>• Monday to Thursday, 8pm to 1am, one hour break, then 2am to 5am</li> <li>• Friday to Saturday 8pm to 1am, one hour break, then 2am to 6am</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate</li> </ul>
1 Park Road, Wallacia, Site Compound Facility	<ul style="list-style-type: none"> <li>• carting and removing spoil between work area and site compound</li> <li>• excavator operation for material movement.</li> </ul>		

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LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
<b>LUDDENHAM</b>			
2289-2309 Elizabeth Drive, Luddenham, Site Compound Facility	<b>Pipeline installation</b> <ul style="list-style-type: none"> <li>vehicles entering and exiting for material movement and light vehicle movement</li> <li>machinery delivery and removal</li> <li>carting and removing spoil between work area and site compound and excavator operation for material movement.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>8pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
<b>BADGERYS CREEK</b>			
Roundabout at 1953 Elizabeth Drive	<b>Pipeline installation</b> <ul style="list-style-type: none"> <li>establishing the work area, including temporary road closures</li> <li>saw-cutting the road and excavating trenches for pipe installations</li> <li>laying pipe, welding pipe joints, concrete pours, backfilling trench and reinstating affected area</li> <li>installing road plates to maintain access</li> <li>asphalting works to reinstate roadway.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>8pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
<b>KEMPS CREEK</b>			
Cross Street (between Western Road and 200 Cross Street)	<b>Pipeline installation</b> <ul style="list-style-type: none"> <li>establishing the work area, including temporary removal of parking</li> <li>saw-cutting the road and excavating trenches for pipe installations</li> <li>laying pipe, welding pipe joints backfilling trench and reinstating affected area.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 6am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
200 Cross Street Site Compound Facility	<b>Deliveries</b> <ul style="list-style-type: none"> <li>materials and equipment</li> <li>spoil.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 6am</li> </ul>	<ul style="list-style-type: none"> <li>Quiet</li> </ul>
Advanced Water Recycling Centre (AWRC), off Clifton Avenue	<b>Civil works</b> <ul style="list-style-type: none"> <li>formwork and concrete pours for foundations and tanks including cranes</li> <li>shutter and structural installation</li> <li>sediment basin works</li> <li>in-ground and utility connections.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 6am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
	<b>Civil works</b> <ul style="list-style-type: none"> <li>steel fixing and concrete pours.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 6am</li> </ul>	<ul style="list-style-type: none"> <li>Almost silent</li> </ul>
	<b>Deliveries</b> <ul style="list-style-type: none"> <li>oversized equipment</li> <li>materials, spoil and concrete.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts, 6pm to 6am</li> </ul>	<ul style="list-style-type: none"> <li>Quiet</li> </ul>
<b>CECIL HILLS</b>			
Liverpool Reservoir Facility (off Cowpasture Road)  Feodore Drive	<b>Deliveries</b> <ul style="list-style-type: none"> <li>materials and equipment</li> <li>spoil.</li> </ul> <b>Pipeline and accessory installation.</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate to noisy</li> </ul>

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
<b>BONNYRIGG HEIGHTS</b>			
North Liverpool Road (between Cowpasture Road and Montgomery Road)	<p><b>Pipeline and accessory installation</b></p> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul> <p><b>Horizontal directional drilling (HDD)</b></p> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>constructing an entry and exit pit for the drilling rig and drilling</li> <li>installing the pipeline, including welding and stringing pipeline.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate to noisy</li> </ul>
<b>MOUNT PRITCHARD</b>			
Cabramatta Road West (between Elizabeth Drive and Meadows Road)	<p><b>Pipeline and accessory installation</b></p> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe and welding pipe joints</li> <li>constructing precast and cast in-situ concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
<b>CABRAMATTA</b>			
John Street (between Ambercombe Street and Coventry Road)	<p><b>Pipeline and accessory installation</b></p> <ul style="list-style-type: none"> <li>establishing the work area, including temporary removal of parking</li> <li>trench excavation</li> <li>installing the pipeline, including welding pipe joints and concreting</li> <li>constructing precast and cast in-situ concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
<b>CABRAMATTA WEST</b>			
Meadows Road (between Cabramatta Road West and Edensor Road)	<p><b>Pipeline and accessory installation</b></p> <ul style="list-style-type: none"> <li>establishing the work area, including temporary removal of parking</li> <li>trench excavation</li> <li>installing the pipeline, including welding pipe joints and concreting</li> <li>constructing precast and cast in-situ concrete chambers and surface fittings</li> <li>backfilling trench and reinstating affected area.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
<b>CANLEY VALE</b>			
Lennox Reserve (beside Hume Highway)	<b>Pipeline and accessory installation</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe, welding pipe joints backfilling trench and reinstating affected area.</li> <li>constructing precast and cast in-situ concrete chambers and surface fittings.</li> </ul> <b>Horizontal directional drilling (HDD) works</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>constructing entry / exit pit for the drilling rig and drilling</li> <li>installing the pipeline, including welding and stringing pipeline.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
Bartley Street (between Park Road and Railway Parade)	<b>Pipeline and accessory installation</b> <ul style="list-style-type: none"> <li>establishing the work area</li> <li>excavating trenches for pipe installations</li> <li>laying pipe, welding pipe joints backfilling trench and reinstating affected area.</li> <li>constructing precast and cast in-situ concrete chambers and surface fittings.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Moderate</li> </ul>
<b>FAIRFIELD</b>			
Fairfield Water Resource Recovery Facility (off East Parade)	<b>Deliveries</b> <ul style="list-style-type: none"> <li>spoil</li> <li>materials.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Quiet</li> </ul>
<b>LANSDOWNE and LANSVALE</b>			
Lennox Reserve  Lansdowne Reserve	<b>Civil works</b> <ul style="list-style-type: none"> <li>temporary access from Hume Highway into Lennox Reserve</li> <li>temporary access from Henry Lawson Drive into Lansdowne Reserve.</li> </ul>	<ul style="list-style-type: none"> <li>From Monday 1 July</li> <li>10 shifts</li> <li>6pm to 9pm</li> <li>10pm to 1am, one hour break, then 2am to 5am</li> </ul>	<ul style="list-style-type: none"> <li>Noisy</li> </ul>

## Testing and commissioning

We will carry out testing and commissioning on the recently installed pipeline. This process will involve continuously filling the pipe with water followed by testing and the release of air and water from the pipeline. Following water quality testing, water will be released from the pipeline and into the existing stormwater system or a nearby waterway. These activities may occur during standard hours and outside standard hours.

## Traffic changes

While we are working in your suburb, you may notice lane closures, speed reductions, temporary loss of on-street parking and pedestrian diversions. Short delays may be experienced as work moves past driveways. Traffic controllers will be on hand to assist motorists to access driveways and pedestrians to move safely past our work zone.

## Keeping you informed

Regular updates will be distributed to the community as the work progresses, with properties that may be highly impacted by noise or vibration or planned night works to receive specific notifications about these activities.

Despite our best efforts, out of hour work activities may impact nearby residents. If and when this occurs, opportunities for respite will be offered to those identified as being possibly impacted. This will be on a case-by-case basis, and you can find further information on our project website. To find out more about our work areas and how we are managing noise and vibration, you can download fact sheets from our project website.

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## Reasons why we would need to carry out work outside standard construction hours



### Increase Safety

For motorists, pedestrians and workers when we are building over, under and next to roads.



### Minimise Disruptions

To minimise disruption to essential services for local communities and to complete emergency utility work.



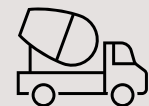
### Manage Oversized Deliveries

To allow delivery of oversized plant or structures that police or other authorities say need special arrangements to transport along public roads.



### Manage Traffic

Working next to, over, under, or on existing roads means traffic may be stopped, detoured, or reduced to one lane. Where we can, we will carry out work during the day. However, there will be times when we will need to carry out this work at night to reduce the impact to motorists and public transport customers during peak periods.



### To Ensure the Quality of the Asset Being Built

Work such as large volume concrete pours is completed at cooler times of the day and over extended shifts to ensure the concrete sets without cracks or other faults, requiring re-work.

## How will I be notified of upcoming night work?

We'll let you know ahead of time about night work near you.

We will normally do this five days in advance by post and in an update to the project website.

You can also visit our website to subscribe for email updates on the project.

## Our construction impacts

We will minimise impacts as much as possible through active monitoring of noise, dust and vibration, our selection of machinery, considering the hours we conduct our high impact activities and training and supervision of our workforce.

ENVIRONMENTAL IMPACTS RELATED TO CONSTRUCTION	HOW WE MINIMISE IMPACTS
Noise and vibration	<ul style="list-style-type: none"> <li>turning off machinery when not in use, selecting low-noise machinery where possible and limiting higher noise activities as much as we can</li> <li>stopping higher noise activities earlier in the night where we can</li> <li>limiting the use of multiple pieces of equipment at the same time in the same location</li> <li>using squawker reversing alarms on equipment</li> <li>using noise barriers such as acoustic blankets, hoarding, barriers and fencing to minimise noise, where possible</li> <li>completing noise and vibration monitoring on a regular basis</li> <li>taking breaks during high impact work</li> <li>scheduling noisy work during daytime hours where possible</li> <li>assessing work activities to manage any potential impacts to nearby residents and businesses</li> <li>training staff to be noise-conscious.</li> </ul>
Visual impact	<ul style="list-style-type: none"> <li>using shade cloth or alternative screening around work areas where reasonable and feasible</li> <li>positioning lighting to minimise light spill.</li> </ul>

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