



23 May 2024

Upper South Creek Advanced Water Recycling Centre – June 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 June.

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

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

LOCATIONS	ACTIVITIES
CECIL HILLS AND BONNYRIGG	
M7 Motorway to Kensington Close (through Western Sydney Parklands)	Service investigations <ul style="list-style-type: none"> establishment of temporary investigation sites surveying, utility locating and marking CCTV of underground services soil sampling and testing potholing to determine location and depth of utilities removing spoil from site using vacuum trucks reinstating affected area. Pipeline and accessory installation <ul style="list-style-type: none"> establishment of the work area excavating trenches for pipe installations laying pipe and welding pipe joints constructing precast concrete chambers and surface fittings backfilling trench and reinstating affected area. Horizontal directional drilling (HDD) works <ul style="list-style-type: none"> establishing the work area constructing entry / exit pit for the drilling rig.
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)	Compound <ul style="list-style-type: none"> deliveries of spoil and materials.
CABRAMATTA WEST	
Harrington Street (between Edensor Road and John Street)	Pipeline and accessory installation <ul style="list-style-type: none"> establishment of the work area excavating trenches for pipe installations laying pipe and welding pipe joints constructing precast concrete chambers and surface fittings backfilling trench and reinstating affected area.
John Street (between Harrington Street and Lime Street)	
CABRAMATTA	
John Street (between Abercrombie Street and Coventry Road)	Pipeline and accessory installation <ul style="list-style-type: none"> establishment of the work area excavating trenches for pipe installations laying pipe and welding pipe joints constructing precast concrete chambers and surface fittings backfilling trench and reinstating affected area. Horizontal directional drilling (HDD) works <ul style="list-style-type: none"> establishment of the work area constructing entry / exit pit for the drilling rig installing the pipeline, including welding and stringing pipeline.
Bartley Street (between Park Road and Railway Parade)	
Cumberland Street (between Curtin Street and Broomfield Street)	
Fairview Road (between Curtin Street and Bareena Street)	
CANLEY VALE	
Bartley Street (between Park Road and Railway Parade)	Pipeline and accessory installation <ul style="list-style-type: none"> establishment of the work area excavating trenches for pipe installations laying pipe and welding pipe joints constructing precast concrete chambers and surface fittings backfilling trench and reinstating affected area.
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)	
Cabravale Leisure Centre car park	Horizontal directional drilling (HDD) works <ul style="list-style-type: none"> establishment of the work area constructing entry / exit pit for the drilling rig. Pipeline and accessory installation <ul style="list-style-type: none"> establishment of the work area excavating trenches for pipe installations laying pipe and welding pipe joints constructing precast concrete chambers and surface fittings backfilling trench and reinstating affected area.
Bartley Street across from the Cabra-Vale Diggers Club	

LOCATIONS	ACTIVITIES
FAIRFIELD	
Fairfield Water Resource Recovery Facility (off East Parade)	Deliveries <ul style="list-style-type: none"> • spoil and materials.
LANSDOWNE	
Lansdowne Reserve	Pipeline installation <ul style="list-style-type: none"> • establishment of the work area • excavating trenches for pipe installations • laying pipe and welding pipe joints • backfilling trench and reinstating affected area. Valve Site Works <ul style="list-style-type: none"> • vegetation removal, bulk earthworks, formwork, reinforcement and concrete pours • deliveries of materials and equipment • pipelaying and pavement installation. • establishment of material laydown areas and construction of temporary access road.

Work locations and activities – outside standard hours

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
WALLACIA			
Park Road (between Willmington Road and Greendale Road)	Service investigations <ul style="list-style-type: none"> • establishment of temporary investigation sites, including temporary removal of parking • surveying, soil sampling, utility locating and marking, CCTV of underground services • using concrete saw cutters and jackhammers for potholing. 	<ul style="list-style-type: none"> • From Monday 3 June • 8pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> • Moderate to noisy
Willmington Road and Park Road intersection			
Suburban streets – from Driver Avenue to Fowler Reserve via Eagle Street, Greendale Road, Byron Avenue and Shelley Road	Pipeline installation <ul style="list-style-type: none"> • establishing the work area, including temporary removal of parking and road closures • vehicles entering and exiting for material movement • saw-cutting the road and excavating trenches for pipe installations • laying pipe, welding pipe joints, concrete pours, backfilling trench and reinstating affected area • installing road plates to maintain road access • water service relocations. 	<ul style="list-style-type: none"> • From Monday 3 June • 8pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> • Moderate
Silverdale Road (between Mulgoa Road and Bents Basin Road)			
276 Park Road, Wallacia, Site compound Facility	Pipeline installation <ul style="list-style-type: none"> • heavy and light vehicle movement • machinery delivery and removal • carting and removing spoil between work area and site compound • excavator operation for material movement. 	<ul style="list-style-type: none"> • From Monday 3 June • 8pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> • Moderate
1 Park Road, Wallacia, Site Compound Facility			
LUDDENHAM			
2289-2309 Elizabeth Drive, Luddenham, Site Compound Facility	Pipeline installation <ul style="list-style-type: none"> • vehicles entering and exiting for material movement and light vehicle movement • machinery delivery and removal • carting and removing spoil between work area and site compound • excavator operation for material movement. 	<ul style="list-style-type: none"> • From Monday 3 June • 8pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> • Moderate

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
KEMPS CREEK			
Cross Street (between Western Road and 200 Cross Street)	Pipeline installation <ul style="list-style-type: none"> establishing the work area, including temporary removal of parking saw-cutting the road and excavating trenches for pipe installations laying pipe, welding pipe joints backfilling trench and reinstating affected area. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 6am 	<ul style="list-style-type: none"> Moderate
KEMPS CREEK CONTINUED			
200 Cross Street Site Compound Facility	Deliveries <ul style="list-style-type: none"> materials and equipment spoil. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 6am 	<ul style="list-style-type: none"> Quiet
Advanced Water Recycling Centre (AWRC), off Clifton Avenue	Civil works <ul style="list-style-type: none"> formwork and concrete pours for foundations and tanks including cranes shutter and structural installation sediment basin works in-ground and utility connections. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 6am 	<ul style="list-style-type: none"> Moderate
	Civil works <ul style="list-style-type: none"> steel fixing and concrete pours. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 6am 	<ul style="list-style-type: none"> Almost silent
	Deliveries <ul style="list-style-type: none"> oversized equipment materials, spoil and concrete. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts, 6pm to 6am 	<ul style="list-style-type: none"> Quiet
LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
CECIL HILLS			
Liverpool Reservoir Facility (off Cowpasture Road)	Deliveries <ul style="list-style-type: none"> materials and equipment spoil. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Quiet
BONNYRIGG HEIGHTS			
North Liverpool Road (between Cowpasture Road and Marriott Road) North Liverpool Road (between Marriott Road and Montgomery Road)	Pipeline installation <ul style="list-style-type: none"> establishing the work area, including temporary removal of parking trench excavation laying pipe, welding pipe joints backfilling trench and reinstating affected area. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
North Liverpool Road (at the Wilson Road roundabout)	Horizontal directional drilling (HDD) <ul style="list-style-type: none"> establishing the work area constructing an entry and exit pit for the drilling rig and drilling installing the pipeline, including welding and stringing pipeline. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate to noisy

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
MOUNT PRITCHARD			
Cabramatta Road West (between Elizabeth Drive and Meadows Road)	Pipeline installation <ul style="list-style-type: none"> establishing the work area, including temporary removal of parking trench excavation laying pipe, welding pipe joints backfilling trench and reinstating affected area. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
Cabramatta Road West (between Humphries Road and Meadows Road)	Pipeline and accessory installation <ul style="list-style-type: none"> establishing the work area excavating trenches for pipe installations laying pipe and welding pipe joints constructing precast and cast in-situ concrete chambers and surface fittings backfilling trench and reinstating affected area. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
CABRAMATTA			
Bartley Street (between Park Road and Railway Parade)	Horizontal directional drilling (HDD) works <ul style="list-style-type: none"> establishing the work area constructing entry / exit pit for the drilling rig and drilling installing the pipeline, including welding and stringing pipeline. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
	Pipeline and accessory installation <ul style="list-style-type: none"> establishing the work area, including temporary removal of parking trench excavation installing the pipeline, including welding pipe joints and concreting constructing precast and cast in-situ concrete chambers and surface fittings backfilling trench and reinstating affected area. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
John Street (between Cumberland Highway and Coventry Road)	Pipeline and accessory installation <ul style="list-style-type: none"> establishing the work area, including temporary removal of parking trench excavation installing the pipeline, including welding pipe joints and concreting constructing precast and cast in-situ concrete chambers and surface fittings backfilling trench and reinstating affected area. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
CABRAMATTA WEST			
Meadows Road (between Cabramatta Road West and Edensor Road)	Pipeline and accessory installation <ul style="list-style-type: none"> establishing the work area, including temporary removal of parking trench excavation installing the pipeline, including welding pipe joints and concreting constructing precast and cast in-situ concrete chambers and surface fittings backfilling trench and reinstating affected area. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
John Street (between Cumberland Highway and Abercrombie Street)			

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
CANLEY VALE			
Bartley Street (between Park Road and Railway Parade) Willowbank Crescent towards Remembrance Driveway Lennox Reserve (beside Hume Highway) Cabravale Leisure Centre car park	Pipeline and accessory installation <ul style="list-style-type: none"> establishing the work area excavating trenches for pipe installations laying pipe, welding pipe joints backfilling trench and reinstating affected area. constructing precast and cast in-situ concrete chambers and surface fittings. Horizontal directional drilling (HDD) works <ul style="list-style-type: none"> establishing the work area constructing entry / exit pit for the drilling rig and drilling installing the pipeline, including welding and stringing pipeline. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
FAIRFIELD			
Fairfield Water Resource Recovery Facility (off East Parade)	Deliveries <ul style="list-style-type: none"> spoil materials. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Quiet
LANSVALE and LANSLOWNE			
Lennox Reserve Lansdowne Reserve	Civil works <ul style="list-style-type: none"> temporary access from Hume Highway into Lennox Reserve temporary access from Henry Lawson Drive into Lansdowne Reserve. 	<ul style="list-style-type: none"> From Monday 3 June 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Noisy

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

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