



24 November 2023

Upper South Creek Advanced Water Recycling Centre – December 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 December.

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.

Christmas shutdown

As the holiday season approaches, we want to inform you that we will be taking a brief Christmas shutdown. No construction will occur from **6 pm Friday 22 December 2023 until 7 am Wednesday 3 January 2024**. During this period, we will inspect our temporary construction compounds to check fencing and environmental controls.

Work locations and activities – standard hours

LOCATIONS	ACTIVITIES
WALLACIA	
Fowler Reserve	<p>Establish temporary compound area</p> <ul style="list-style-type: none"> • installation of temporary fencing • minor earthworks to level and stabilise the area • installing erosion and sediment controls • clearing trees and vegetation • deliveries of materials and equipment. <p>Service investigations</p> <ul style="list-style-type: none"> • establish temporary investigation sites • survey, utility locating and marking • potholing to determine location and depth of utilities • removing spoil from site using vacuum trucks • reinstate affected area. <p>Pipeline installation</p> <ul style="list-style-type: none"> • establishing the work area • excavating trenches for pipe installations • laying pipe and welding pipe joints • backfill trench and reinstate affected area. <p>Horizontal directional drilling (HDD) works</p> <ul style="list-style-type: none"> • establishing the work area • constructing entry / exit pit for the drilling rig • HDD activities.

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LOCATIONS	ACTIVITIES
WALLACIA CONTINUED	
<p>Park Road (between Willmington Road and Driver Avenue)</p> <p>Suburban streets – from Driver Avenue to Fowler Reserve via Eagle Street, Greendale Road, Byron Avenue and Shelley Road</p>	<p>Service investigations and vegetation removal</p> <ul style="list-style-type: none"> • establish temporary investigation sites • CCTV of underground services • survey, utility locating and marking • potholing to determine location and depth of utilities • soil sampling and testing • removing spoil from site using vacuum trucks • clearing trees and vegetation • reinstate affected area. <p>Pipeline installation</p> <ul style="list-style-type: none"> • establishing the work area • excavating trenches for pipe installations • laying pipe and welding pipe joints • backfill trench and reinstate affected area. <p>Horizontal directional drilling (HDD) works</p> <ul style="list-style-type: none"> • establishing the work area • constructing entry / exit pit for the drilling rig • HDD activities.
BADGERYS CREEK	
Elizabeth Drive (between Martin Road and Adams Road Road)	<p>Service investigations</p> <ul style="list-style-type: none"> • establish temporary investigation sites • CCTV of underground services • survey, utility locating and marking • potholing to determine location and depth of utilities • soil sampling and testing • removing spoil from site using vacuum trucks • reinstate affected area. <p>Pipeline installation</p> <ul style="list-style-type: none"> • establishing the work area • excavating trenches for pipe installations • laying pipe and welding pipe joints. <p>Horizontal directional drilling (HDD) works</p> <ul style="list-style-type: none"> • establishing the work area • constructing entry / exit pit for the drilling rig • HDD activities.
KEMPS CREEK	
Advanced Water Recycling Centre (AWRC), off Clifton Avenue	<p>Site establishment and utilities</p> <ul style="list-style-type: none"> • install temporary power connection from a nearby substation (potential outages impacting members of the community will be notified separately) • connection of NBN service. <p>Earthworks</p> <ul style="list-style-type: none"> • management of environmental controls including sediment basins and spoil management • levelling and compacting the site • constructing access roads and hardstands. <p>Civil works</p> <ul style="list-style-type: none"> • formwork and concrete pours for foundations and tanks • crane mobilisation and operation • excavation activities in various locations across the site. <p>Deliveries</p> <ul style="list-style-type: none"> • oversized equipment (sometimes outside of standard working hours) • materials and concrete • pipes

LOCATIONS	ACTIVITIES
KEMPS CREEK CONTINUED	
AWRC through private properties to Elizabeth Drive	<i>Service investigations</i> <ul style="list-style-type: none"> establish temporary investigation sites CCTV of underground services survey, utility locating and marking potholing to determine location and depth of utilities soil sampling and testing removing spoil from site using vacuum trucks reinstate affected area. <i>Pipeline installation</i> <ul style="list-style-type: none"> establishing the work area excavating trenches for pipe installations laying pipe and welding pipe joints backfill trench and reinstate affected area. <i>Horizontal directional drilling (HDD) works</i> <ul style="list-style-type: none"> establishing the work area constructing entry / exit pit for the drilling rig HDD activities.
Western Road (between Elizabeth Drive and Cross Street)	
Cross Street (between Western Road and Devonshire Street)	
Range Road to the Sydney International Shooting Centre	
CECIL HILLS AND BONNYRIGG	
M7 Motorway to Kensington Close (through Western Sydney Parklands)	<i>Service investigations</i> <ul style="list-style-type: none"> establish temporary investigation sites survey, 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 reinstate affected area. <i>Pipeline installation</i> <ul style="list-style-type: none"> establishing the work area excavating trenches for pipe installations laying pipe and welding pipe joints backfill trench and reinstate affected area.
Stirling Street (between Kensington Close and Feodore Drive)	
Feodore Drive and Frederick Road	
North Liverpool Road (between Cowpasture Road and Montgomery Road)	
Montgomery Road	
Monash Place (including southbound parking lane)	
Hebblewhite Place (including westbound parking lane)	
Hebblewhite Park	
Cabramatta Road West (between Tarlington Parade and Meadows Road)	
CABRAMATTA WEST	
Edensor Road (between Meadows Road and Harrington Street)	<i>Service investigations</i> <ul style="list-style-type: none"> establish temporary investigation sites CCTV of underground services survey, utility locating and marking potholing to determine location and depth of utilities soil sampling and testing removing spoil from site using vacuum trucks reinstate affected area. <i>Pipeline installation</i> <ul style="list-style-type: none"> establishing the work area excavating trenches for pipe installations laying pipe and welding pipe joints backfill trench and reinstate affected area.
Harrington Street (between Edensor Road and John Street)	
John Street (between Harrington Street and Cumberland Highway)	
Meadows Road (between Edensor Road and Cabramatta Road)	
CABRAMATTA	
John Street (between Harrington Street and Gladstone Street)	<i>Service investigations</i> <ul style="list-style-type: none"> establish temporary investigation sites survey, utility locating and marking CCTV of underground services soil sampling and testing
Gladstone Street (between John Street and St Johns Road)	

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LOCATIONS	ACTIVITIES
CABRAMATTA CONTINUED	
St Johns Road (between Gladstone Street and Bartley Street)	<ul style="list-style-type: none"> potholing to determine location and depth of utilities removing spoil from site using vacuum trucks reinstate affected area. <p>Pipeline installation</p> <ul style="list-style-type: none"> establishing the work area excavating trenches for pipe installations laying pipe and welding pipe joints backfill trench and reinstate affected area.
Bartley Street (between Sackville and Railway Parade)	
Cumberland Street (between Curtin Street and Broomfield Street)	
Curtin Street (between Cumberland Street and Fairview Road)	
Fairview Road (between Curtin Street and Bareena Street)	
Bareena Street (between Fairview Road and Vale Street)	
Vale Street (between Bareena Street and Chancery Street)	
CANLEY VALE	
Bartley Street (between Sackville Street and Railway Parade)	<p>Service investigations</p> <ul style="list-style-type: none"> establish temporary investigation sites survey, 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 driveway layback and vehicle crossing works reinstate affected area.
Chancery Street (between Vale Street and Lansdowne Road)	<p>Service investigations</p> <ul style="list-style-type: none"> establish temporary investigation sites survey, 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 driveway layback and vehicle crossing works reinstate affected area. <p>Pipeline installation</p> <ul style="list-style-type: none"> establishing the work area excavating trenches for pipe installations laying pipe and welding pipe joints backfill trench and reinstate affected area.
Bromley Street (between Lansdowne Road and Beckenham Street)	
Beckenham Street (between Bromley Street and Willowbank Crescent)	
Willowbank Crescent towards Remembrance Driveway	
Lennox Reserve (beside Hume Highway)	

Work locations and activities – outside standard hours

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
KEMPS CREEK			
Advanced Water Recycling Centre, off Clifton Avenue	<p>Civil works</p> <ul style="list-style-type: none"> formwork and concrete pours for foundations and tanks steel fixing <p>Deliveries</p> <ul style="list-style-type: none"> oversized equipment materials and concrete deliveries 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 6am 	<ul style="list-style-type: none"> Moderate Almost silent Quiet
Cross Street (between Western Road and Devonshire Street)	<p>Service investigations</p> <ul style="list-style-type: none"> establish temporary investigation sites CCTV of underground services survey, utility locating and marking 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 6am 	Moderate

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LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
KEMPS CREEK CONTINUED			
	<ul style="list-style-type: none"> potholing to determine location and depth of utilities soil sampling and testing removing spoil from site using vacuum trucks reinstate affected area. 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 6am 	<ul style="list-style-type: none"> Moderate
CECIL HILLS			
Feodore Drive, Spencer Road and Frederick Road roundabout	<p>Service investigations</p> <ul style="list-style-type: none"> establish temporary investigation sites, including temporary removal of parking survey, soil sampling, utility locating and marking CCTV of underground services use concrete saw cutters and jackhammers to form a pothole to determine location and depth of utilities. <p>Pipeline installation</p> <ul style="list-style-type: none"> establish the work area, including temporary removal of parking trench excavation install the pipeline, including welding pipe joints backfill trench and reinstate area. 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
Frederick Street (between of Cowpasture Road)	<p>Service investigations</p> <ul style="list-style-type: none"> establish temporary investigation sites, including temporary removal of parking survey, soil sampling, utility locating and marking CCTV of underground services use concrete saw cutters and jackhammers to form a pothole to determine location and depth of utilities. <p>Pipeline installation</p> <ul style="list-style-type: none"> establish the work area, including temporary removal of parking trench excavation install the pipeline, including welding pipe joints backfill trench and reinstate area. <p>Civil works</p> <ul style="list-style-type: none"> kerb demolition. 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate Moderate Moderate
Liverpool Reservoir Facility (off Cowpasture Road)	<p>Deliveries</p> <ul style="list-style-type: none"> spoil materials. 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Quiet
FAIRFIELD			
Fairfield Water Resource Recovery Facility (off East Parade)	<p>Deliveries</p> <ul style="list-style-type: none"> spoil materials. 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Quiet

LOCATIONS	ACTIVITIES	SCHEDULE and DURATION	NOISE IMPACT
BONNYRIGG HEIGHTS			
North Liverpool Road (between Cowpasture Road and Marriott Road)	Service investigations <ul style="list-style-type: none"> establish temporary investigation sites, including temporary removal of parking survey, soil sampling, utility locating and marking CCTV of underground services use concrete saw cutters and jackhammers to form a pothole to determine location and depth of utilities. 	<ul style="list-style-type: none"> From Friday 1 December 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 (between Marriott Road and Montgomery Road) Cabramatta Road West (between Tarlington Parade and Meadows Road)	Service investigations <ul style="list-style-type: none"> establish temporary investigation sites, including temporary removal of parking survey, soil sampling, utility locating and marking CCTV of underground services use concrete saw cutters and jackhammers to form a pothole to determine location and depth of utilities. Pipeline installation <ul style="list-style-type: none"> establish the work area, including temporary removal of parking trench excavation install the pipeline, including welding pipe joints backfill trench and reinstate area. 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
CANLEY VALE			
Bartley Street (between Sackville Street and Railway Parade) Chancery Street (between Vale Street and Lansdowne Road)	Service investigations <ul style="list-style-type: none"> establish temporary investigation sites survey, 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 driveway layback and vehicle crossing works reinstate affected area. 	<ul style="list-style-type: none"> From Friday 1 December 10 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate
CABRAMATTA WEST			
John Street (at the intersection of Cumberland Highway) Meadows Road (between Cabramatta Road West and Edensor Road)	Service investigations <ul style="list-style-type: none"> establish temporary investigation sites, including temporary removal of parking survey, soil sampling, utility locating and marking CCTV of underground services use concrete saw cutters and jackhammers to form a pothole to determine location and depth of utilities. 	<ul style="list-style-type: none"> From Friday 1 December 3 shifts 6pm to 9pm 10pm to 1am, one hour break, then 2am to 5am 	<ul style="list-style-type: none"> Moderate

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.

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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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