

Community's desired outcome:

A sustainable and healthy environment

Community's Desired Outcome:

This desired outcome focuses on the conservation and preservation of the natural environment whilst balancing the impact of development to ensure a sustainable and healthy community.

Council will undertake the following services to achieve the objectives established in the community strategic plan, *Cessnock 2027*.

- Compliance
- Environmental Health
- Environmental Services
- Open Space Management
- Roads & Drainage Construction
- Strategic Asset Planning
- Strategic Environmental Planning
- Strategic Land Use Planning
- Waste Services



Objective 3.1:

Protecting and enhancing the natural environment and the rural character of the area

Strategic Directions

- Our area's rural character and heritage is protected.
- Our community is aware of the value of natural resources and biodiversity.
- Our environmental amenity is protected and enhanced.
- Our waterways and catchments are maintained and enhanced.

DELIVERY PROGRAM 2017-21 (extended by 1 year due to Covid-19)		
3.1.1	Finalise Cessnock City Planning Strategy and commence implementation.	
3.1.2	Undertake a strategic land use review of the urban villages in the local government area.	Reported at 3.1.1.a
3.1.3	Progress the review of land use planning controls within the vineyard district.	
3.1.4	Continue implementation of the Biodiversity Strategy.	
3.1.5	* Continue to implement the Carbon Management & Energy Reduction Strategy.	
3.1.6	Manage the risks of climate change and improve resilience to extreme weather events, flooding, bushfire, mine subsidence and land contamination.	
3.1.7	Manage Council's environmental assets.	
3.1.8	Carry out regulatory and education programs to protect and enhance the natural environment and environmental health.	
3.1.9	Commence implementation of the priority recommendations from flood studies and risk management plans for major catchments in the local government area.	
3.1.10	Continue implementation of Council's Stormwater, Waterway and Flooding Strategy 2011 to protect and enhance the natural environment.	
3.1.11	Commence development of a street tree strategy.	

* Project supporting financial sustainability

OPERATIONAL PLAN 2021-22 (action)		Operational Plan Target	Responsibility
3.1.1.a	Continue review of Cessnock LEP 2011.	Report to Council seeking endorsement to obtain Gateway determination by 30 June 2022.	Strategic Planning
3.1.1.b	Finalise the Environmental Lands Study.	Final Report by 31 March 2022.	Strategic Planning
3.1.1.c	Finalise the Heddon Greta, Cliftleigh Corridor Strategy.	Adoption of final strategy by 30 June 2022.	Strategic Planning
3.1.1.d	Continue review of the Cessnock DCP 2010 chapters.	Report to Council seeking exhibition of draft chapters by 30 June 2022.	Strategic Planning
3.1.2.a	Complete Local Character Study, including Villages Masterplan.	Final report by 30 June 2022.	Strategic Planning

OPERATIONAL PLAN 2021-22 (action)		Operational Plan Target	Responsibility
3.1.3.a	Finalise Vineyards District Local Character Statement and Concurrent LEP Amendment.	Report for Adoption by 30 June 2022.	Strategic Planning
3.1.4.a	Implement biodiversity education programmes.	Undertake a minimum of two spotlighting / bushwalk events for the community during Spring 2021. Undertake a minimum of one facilitated brainstorming session with bushland user groups in early 2022 to develop a strategic, whole of community plan for addressing threats to local bushland. Continue promotion of bushland educational videos via social media, schools and through presentations to local community groups.	Environment & Waste
3.1.5.a	*Continue to work on energy efficiency of Council facilities under the Revolving Energy Fund.	Renew electricity contracts, including large, small and streetlight December by 2021. Review Revolving Energy Fund Operational Procedures including costs and returns by March 2022. Continue to monitor efficiency outcomes to determine future projects.	Environment & Waste
3.1.6.a	Progress remediation of highest priority site (Kurri Kurri) and finalise proposed remediation program for remaining five sites using risk and financial profile.	Validation of Kurri Kurri remediation (Soil RAP) and auditor sign off to be obtained by April 2022.	Environment & Waste
3.1.6.b	Contribute to assessing the flood impacts of development.	Produce flood certificates and respond to flood referrals – 100% within 10 days.	Infrastructure
3.1.6.c	Raise community awareness about the implications of developing flood impacted land through the availability of information on Council's website and Planning Certificates.	Update flood mapping of newly adopted flood studies within one month. Implement improvements to flood certificates.	Infrastructure
3.1.7.a	Identify and map important agricultural land, significant agricultural landscapes and sensitive view sheds.	Adoption of final mapping by 31 December 2021.	Strategic Planning
3.1.7.b	Identify, protect and manage Council's civil infrastructure with heritage significance including sandstone kerb and gutter.	Develop Sandstone Kerb and Gutter Management Plan in December 2021.	Infrastructure
3.1.7.c	Identify and categorise natural waterways and riparian land.	Undertake waterways mapping and condition assessment.	Infrastructure
3.1.8.a	Inspect commercial and residential on-site sewerage management systems in accordance with risk based priority routine inspection program.	Base target > 80% of routine monitoring inspections completed in accordance with the annual program.	Health & Building
3.1.8.b	Conduct routine inspection of all food and regulated premises, including public pools and skin penetration premises in accordance with the NSW Food Authority Partnership and relevant legislative requirements.	100% of scheduled inspections to be completed by 30 June 2022.	Health & Building

* Project supporting financial sustainability

OPERATIONAL PLAN 2021-22 (action)		Operational Plan Target	Responsibility
3.1.8.c	Implementation of Council's companion animals education programs focusing on responsible pet ownership.	<p>Hold 2 Free Microchip days, 1 in November 2021 and 1 in May 2022;</p> <p>Carry out annual compliance checks for menacing, dangerous and restricted dogs as required by legislation;</p> <p>Carry out barking dog education program in February 2022 via social media and newsprint;</p> <p>Carry out education program for companion animal faeces management via social media and newsprint in September 2021.</p>	Health & Building
3.1.8.d	Implementation of Council's invasive weed species management program including the Regional Weeds Action Plan.	<p>Ensure compliance with the Biosecurity Act by undertaking ground and aerial inspections of all lands within the Cessnock City Council LGA, including private and government lands, and high risk pathways and priority sites.</p> <p>Carry out education program for the Biosecurity Act and invasive weed species management by participating in field days, in conjunction with other Council departments and appropriate government departments and organisations.</p> <p>Undertake treatments of invasive weed species on Council controlled land and on government and private land, as required, on a "private works" basis.</p> <p>Promote the awareness of invasive weed species and management via social media, handouts and/or mailouts.</p>	Environment & Waste
3.1.8.e	Continue community engagement and education relating to environmental initiatives.	<p>Support environment day with schools by providing trees and compost in June 2022.</p> <p>Undertake community planting day for National Tree Day in July 2021.</p> <p>Deliver six community workshops on a range of environment and sustainability issues in Spring 2021 and Autumn 2022.</p> <p>Work with schools as requested.</p> <p>Assist in the implementation of regional sustainability programs with Hunter Joint Organisation and service delivery partners.</p>	Environment & Waste
3.1.8.f	Support environment and sustainability community groups, including Tidy Towns, within the LGA to implement awareness and onground projects.	<p>Provide Dollar for dollar grants to support these groups deliver onground programs.</p> <p>Prepare process for readoption of groups following 2021 Council elections.</p> <p>Review structure and policy regarding environment sustainability volunteer groups.</p>	Environment & Waste

OPERATIONAL PLAN 2021-22 (action)		Operational Plan Target	Responsibility
3.1.8.g	North Rothbury Priority Sewerage Scheme.	Participate in HWC investigation and final report.	Health & Building
3.1.9.a	Implement high priority projects from the Swamp/Fishery Creek Floodplain Risk Management Plan through progressing installation of a Flood Warning System and promotion of the House Raising Scheme.	Support Abermain Landcare weed removal and rehabilitation of Swamp Creek. Seek grant funding for construction of the Abermain and Weston Flood Warning System.	Infrastructure
3.1.9.b	Implement high priority projects from the Cessnock City/Black Creek Flood Risk Management Plan through progressing installation of a Flood Warning System and promotion of the House Raising Scheme.	Seek funding opportunities for the construction of the Cessnock Flood Warning System . Promote the Voluntary House Raising via correspondence with eligible property owners.	Infrastructure
3.1.9.c	Implement high priority projects from the Wollombi Flood Risk Management Study and Plan by operating the Flood Warning System and raising community awareness to promote preparation of individual Flood and Evacuation Plans.	Promote Wollombi Flood Warning System to Wollombi community in August 2021. Assist property and business owners develop Flood and Evacuation plans in collaboration with NSW SES in September 2021.	Infrastructure
3.1.9.d	Facilitate Council's Floodplain Management Committee.	Hold quarterly Floodplain Management Committee meetings in September, December, March and June.	Infrastructure
3.1.9.e	Implement high priority projects from the Greta/Anvil Creek Flood Study including investigation of flood mitigation works.	Seek grant funding for Greta Floodplain Risk Management Study and Plan.	Infrastructure
3.1.9.f	Continue the review of the Infrastructure Plan to suit planned expansion of new infrastructure for future development in collaboration with Strategic Planning.	Incorporate Australian Rainfall and Runoff 2019 into Council's engineering design guidelines and specifications. Develop waterway and WSUD technical guidelines, planning requirements and development controls in April 2022. Develop stormwater asset renewal strategy in September 2021. Map all flood prone land in Cessnock local government area in July 2021.	Infrastructure
3.1.9.g	Seek funding for delivery of Floodplain Management Program.	Apply for grant funding for: South Cessnock Flood Mitigation Scheme Phase 3 Construction Black Creek Stage 2 Flood Risk Management Study and Plan Greta Flood Risk Management Study and Plan Heddon Greta Clift Street Flood Mitigation Phase 2 Detail Design	Infrastructure
3.1.10.a	Investigate and design high priority works identified in the Stormwater, Waterway and Floodplain Strategy.	Address high priority implementation actions in accordance with developed strategy.	Infrastructure
3.1.11.a	Develop and implement the Cessnock City Council Tree Strategy.	Develop and implement in line with available resources.	Open Space & Community Facilities
3.1.12.a	Update standard conditions of development consent and roadside drainage elements in Engineering Requirements for Development.	Preparing for completion by June 2022.	Infrastructure

Objective 3.2:

Better utilisation of existing open space

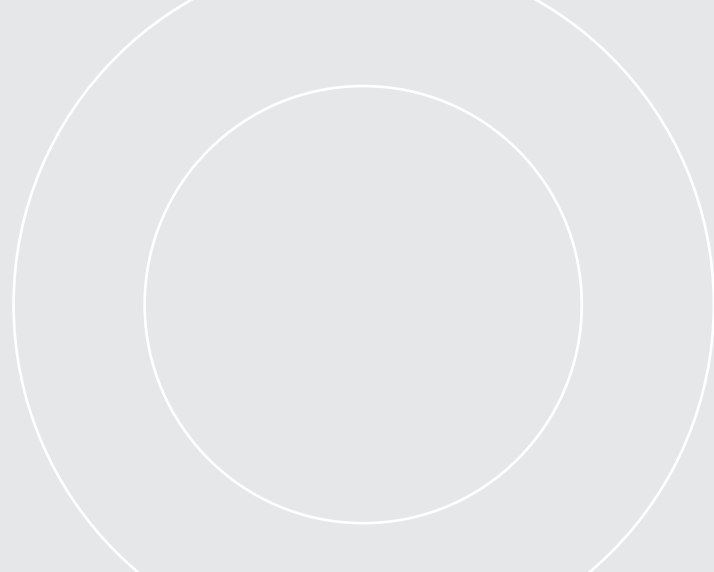
Strategic Directions

- Our open spaces are distributed where people live.
- We have green corridors connecting our open space areas.
- Our open spaces have suitable amenities and plenty of shade.

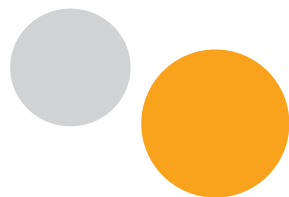
DELIVERY PROGRAM 2017-21 (extended by 1 year due to Covid-19)

3.2.1	Implement the Recreation & Open Space Strategic Plan 2019.
3.2.2	Develop and update Plans of Management.
3.2.3	Continue to implement the adopted masterplans for Council's recreation & community facilities and spaces.
3.2.4	Provide and maintain recreation facilities, streetscapes and public open space.

OPERATIONAL PLAN 2021-22 (action)	Operational Plan Target	Responsibility	
3.2.1.a	Continue implementation of the recommendations from the Recreation & Open Space Strategic Plan 2019.	An Open Space Guideline for multipurpose courts and outdoor exercise equipment is developed (A2.4.4)	Open Space & Community Facilities
3.2.1.b	Implement Off Leash Dog Exercise Area Strategy.	Complete actions in line with available resources.	Open Space & Community Facilities
3.2.2.a	Develop and update Plans of Management.	Develop a Plan of Management for Richmond Main. Update the Generic General Community Use Plan of Management.	Open Space & Community Facilities



OPERATIONAL PLAN 2021-22 (action)		Operational Plan Target	Responsibility
3.2.3.a	Continue to implement the adopted masterplans for Council's recreation and community facilities spaces.	Carmichael Park Bellbird; Greta Central Oval; Weston Bears Park; and Cemeteries.	Open Space & Community Facilities
3.2.4.a	Undertake routine maintenance in accordance with available resources and schedules.	Link to works schedules https://www.cessnock.nsw.gov.au/Forms-documents/Community-information/Parks-Gardens-Maintenance-Schedule	Open Space & Community Facilities
3.2.4.b	Prepare data for the 2022-23 update of the Open Space and Other Structures Asset Management Plan.	Update modelling and incorporate revaluation data from the Open Space and Other Structures Asset Management Plan by 30 June 2022.	Open Space & Community Facilities
3.2.4.c	Prepare a greener places, urban forest policy.	Adoption of final mapping by 31 December 2021.	Strategic Planning



Objective 3.3:

Better waste management and recycling

Strategic Directions

- We divert more of our household waste for recycling or re-processing.

DELIVERY PROGRAM 2017-21 (extended by 1 year due to Covid-19)		
3.3.1	Construct and introduce a waste transfer station at Council's Waste Management Centre.	Completed
3.3.2	Commence construction of the landfill extension project.	
3.3.3	Continue implementation of the priority projects from the Waste Management Strategy 2014-19 and the EPA Waste Less Recycle More program.	
3.3.4	Update the Waste Management Strategy for the period 2020-24.	
3.3.5	Continue to implement programs that target litter and illegal dumping.	

OPERATIONAL PLAN 2021-22 (action)	Operational Plan Target	Responsibility
3.3.1.a Design a permanent Administration and Education Centre, including staff amenities, for the waste transfer station and landfill operation.	Finalise design of building by October 2021. Prepare tender documentation including specifications by June 2022.	Environment & Waste
3.3.2.a Continue management of Biodiversity Offset area for the landfill extension project.	Complete fencing of the biodiversity offset area, secondary weed control and rubbish removal from offset area. Complete asbestos assessment and demolition of existing residence by March 2022.	Environment & Waste
3.3.2.b Continue preparation of landfill extension area to access operational cover material for landfill.	Phase 1 Clearing to be undertaken in accordance with the Vegetation Management Plan by August 2021. Preliminary excavation to commence by October 2021.	Environment & Waste

OPERATIONAL PLAN 2021-22 (action)	Operational Plan Target	Responsibility
3.3.3.a Continue to appropriately manage problem wastes to reduce potential pollution to the environment.	<p>Hold three mattress drop-off days during 2021/22. Promote mattress drop-off days for 6 weeks prior to the event.</p> <p>Expand community drop off events to included other problems waste streams, including tyres.</p> <p>Review asbestos management processes to meet NSW EPA Asbestos Strategy objectives and guidelines (W&RRS 4.4)</p> <p>Continue the sharps disposal program. Continue to operate the community recycling centre and stations.</p> <p>Work with the EPA to deliver a household chemical cleanout event in Autumn 2022.</p>	Environment & Waste
3.3.3.b Develop policies and procedures to increase the efficiency of waste services.	<p>Multi-unit dwelling review and protocol by December 2021.</p> <p>Process to improve access to bulk waste vouchers for elderly and disabled by January 2022.</p> <p>Commercial service and bin location review by June 2022.</p>	Environment & Waste
3.3.4.a Continue to implement a waste avoidance and reuse community engagement program targeting attitudes to consumption.	<p>Continue to post content and communicate with interested community members through the Waste Avengers facebook blog.</p> <p>Undertake a minimum of two community workshops on Avoid Waste topics.</p>	Environment & Waste
3.3.4.b *Investigate opportunities to increase resource recovery at the waste management centre.	<p>Investigate opportunities with solar panels by September 2021 .</p> <p>Investigate opportunities for textiles and timber by March 2022.</p>	Environment & Waste
3.3.4.c *Develop a reuse program at the waste management centre to divert waste from landfill.	<p>Review results of trial in 2020-21.</p> <p>Commence implementation of a reuse program at Cessnock Waste Management Centre, if results of the trial indicate the program is viable.</p>	Environment & Waste

*** Project supporting financial sustainability**

OPERATIONAL PLAN 2021-22 (action)	Operational Plan Target	Responsibility
3.3.4.d *Upgrade or rehabilitate Greta Transfer Station based on the results of the cost benefit analysis.	Project Plan to be developed and reported to Council by February 2022. Quotation documentation for proposed works to be developed by May 2022.	Environment & Waste
3.3.4.e Provide general waste kerbside collection to the community.	Efficient weekly collection of 23,000 general waste services. Investigate options to provide households with larger waste needs such as additional bins and/or weekly collection at a reasonable cost (W&RRS3.4a) by June 2022. Commence preparation for fortnightly general waste collection including review of collection runs, vehicles and staffing by June 2022.	Environment & Waste
3.3.4.f Manage the organics contract and work with Solo and regional partners to deliver kerbside organics collection.	Work with service contract partners (Maitland and Singleton Councils) and providers (ANL and Solo) to assist our community when food is accepted in the organics bin by scoping options for large waste generators by June 2022. Develop education and communication plan for FOGO rollout by June 2022.	Environment & Waste
3.3.4.g Work with HRR to deliver the kerbside recycling collection.	Work with HRR and partner council's on new recycling contract by October 2021. Undertake a review of the current corporate model (W&RRS 2.4) with recommendations by June 2022.	Environment & Waste
3.3.4.h Operate the Cessnock Waste Management Centre in accordance with the Environment Protection Licence and relevant legislation and to encourage resource recovery.	Landfill Environmental Management Plan finalised and initial staff training undertaken by October 2021. Undertake an operational review of CWMC to improve accessibility and efficiency, including hours of operation, fees and charges, staffing, plant, equipment and buildings (W&RRS 7.6) by December 2021. Annual monitoring reports and annual return completed by 11 December 2021. Pollution incident plan tested and monitored by May 2022.	Environment & Waste

OPERATIONAL PLAN 2021-22 (action)	Operational Plan Target	Responsibility
3.3.4.i Engage four permanent waste management positions, to replace two temporary positions and allow for improved education and efficiencies of the waste service, including: a waste education officer (W&RRS 5.4), waste technical support officer, landfill environmental officer and an environment, sustainability and waste projects coordinator.	Recruit Coordinator by August 2021 and remaining positions by October 2021.	Environment & Waste
3.3.5.a Participate in the regional illegal dumping (RID) squad.	Respond to illegal dumping reports made by members of the public. Undertake activities to proactively detect illegal dumping incidents. Attend and process illegal dumping incidents, recording evidence and data. Issue Penalty and/or Clean Up Notices under the Protection of the Operation Act where sufficient evidence. Prepare evidence and attend Court as required. Participate in media campaigns, on a local and region basis.	Environment & Waste
3.3.5.b Undertake litter programs such as Adopt-a-Road and Clean Up Australia Day. Participate in the EPA's Litter Prevention Initiative, subject to grant funding.	Undertake renewals of Adopt-a-Road agreements due February 2022. Participate in national Clean up australia Day event in March 2022. Implement litter projects from grants if received.	Environment & Waste
3.3.5.c Undertake illegal dumping cleanups and prevention programs, subject to grant funding.	Continue to deliver the 'Working together to target a significant bushland hotspot' project, funded from Round 7 of the EPA's illegal dumping grant program. Apply for additional funding, as available.	Environment & Waste
3.3.5.d Undertake a review of Council's Illegal Dumping and Litter Plan (W&RRS 8.4)	Reveiw to be completed by June 2022.	Environment & Waste

MEASURES

Measures	Context/Benchmark	Base	Target
Biodiversity, sustainability and natural resource matters	<p>This measure is the number of people engaged in biodiversity, sustainability and natural resource workshops, presentations and consultation.</p> <p>The number of people attending workshops, presentations and consultations.</p>	N/A	1,000
Biodiversity, sustainability and natural resource matters	<p>This is the measure of decreased energy consumption in council properties.</p> <p>The number of megawatt hours used.</p> <p>This data is sourced from energy account data.</p>	1369 MW hrs 2016-17	Decrease
Environmental health and protection inspections	<p>This measure is the number of on-site sewage management systems inspections carried out divided by the programmed number of inspections in line with Council's On-Site Sewage Management System Strategy.</p> <p>This is a measure of Council's contribution to the health of the local environment.</p> <p>In 2015-16 749 inspections were carried out.</p>	83% 2015-16	>80%
Completion of Capital Works Program - Recreation	<p>This measure is the number of completed projects divided by the total number of projects of the current adopted Recreation & Buildings Capital Works Program.</p>	64%	>85%

Measures	Context/Benchmark	Base	Target
Waste & Recycling	This is a measure of the number of tonnes recycled and re-processed via the kerbside recycling and organics collection service. The kerbside recycling service was provided to 21,022 properties in 2015-16. This measure is sourced from Hunter Resource Recovery and Australian Native Landscapes service data.	5501t 2015-16	11,300t
Waste & Recycling	This is a measure of the number of domestic waste collection services provided by Council. In 2015-16 there were 21,022 domestic waste collection services. This data is sourced from the annual rates data.	21,022 2015-16	Increase
Waste & Recycling	This is a measure of the diversion of problem waste from landfill. The number of tonnes of problem waste collected at Cessnock Community Recycling Centre. This data is sourced from the EPA and Toxfree service data.	N/A	Increase
Waste & Recycling	This is a measure of the diversion of waste from landfill. The overall percentage diversion of waste from landfill. This data is sourced from service contractors and weigh bridge data.	N/A	Increase
Waste & Recycling	This is a measure of increased Resource Recovery at Cessnock Waste Management Centre. The number of tonnes recycled and re-processed from Cessnock Waste Management Centre. This data is sourced from weigh bridge data.	N/A	Increase
Illegal dumping	This is a measure of community engagement reporting illegal dumping. This is a measure of illegal dumping sites reported. This data is sourced from RID online entries.	N/A	Increase

INTEGRATED PLANS AND STRATEGIC STUDIES

- Carbon Management & Energy Reduction Strategy
- Biodiversity Strategy
- Skate & BMX Facilities Strategy
- Flood Plain Risk Management Study & Plan Report
- Cessnock Heritage Study
- Cessnock LGA Aboriginal Heritage Study
- Cessnock Local Environmental Plan 2011
- Citywide Settlement Strategy 2010
- Street Tree Strategy
- Cemetery Strategy
- Cemeteries Masterplan Report
- Companion Animals Management Plan
- On-Site Sewage Management System Strategy
- Plans of Management and Masterplans for Recreation and Community Facilities
- Recreation & Open Space Strategic Plan
- Waste and Resource Recovery Strategy
- Regional Weeds Action Plan

CAPITAL WORKS PROGRAMS

A SUSTAINABLE & HEALTHY ENVIRONMENT



DRAINAGE



FLOODPLAIN
MANAGEMENT



RECREATION
FACILITIES



RECREATION
BUILDINGS



WASTE
MANAGEMENT

Operational Budget - A sustainable and healthy environment

Operational Budget						
Activity	2020-21 Adopted Budget	2021-22 Operating Expenditure	2021-22 Operating Revenue	2021-22 Capital Expenditure	2021-22 Capital Revenue	2021-22 Budget
A sustainable and healthy environment						
Drainage	571,000	452,081	(554,000)	574,574	(200,000)	272,655
Flood Management	19,000	40,000	(20,000)	3,132,744	(2,795,000)	357,744
Weed Programs	101,700	196,158	(95,100)	-	-	101,058
Land Use Planning	876,700	1,205,777	(271,912)	-	-	933,865
Waste and Environmental Management	303,400	809,820	(542,262)	51,718	-	319,276
Waste Services	-	16,256,264	(18,244,454)	1,988,190	-	-
Sub-Total	1,871,800	18,960,100	(19,727,728)	5,747,226	(2,995,000)	1,984,598

Note: The amounts in this table do not include non cash items of:
Depreciation, Net Loss on Disposal of Assets and estimated \$7.11 receipts.

2021-2022 CAPITAL WORKS

Waste Facilities Construction Program (CFW)			
Location	Description	Budget	Project ID
Cessnock Waste Management Centre	Education and Administration Building - Construction	\$51,718	CFW-2021-001b
Cessnock Waste Facility	New Landfill Development - Design	\$36,202	CFW-2021-003a
Former Sanitary Depot Kurri Kurri	Stage 1 Remediation	\$517,178	CFW-2021-005
Cessnock Waste Management Centre	Remediation - Stage 1 Capping Design	\$93,092	CFW-2021-006a
		Total	\$698,190
<i>Funding source:</i>		Reserves	\$698,190

Drainage Construction Program (CDR)

Location	Description	Budget	Project ID
Kearsley Street, Aberdare	Drainage Upgrade - Phase 2 Detailed Design, Phase 3 Construct	\$21,175	CDR-2019-008
Cruickshank Street, Bellbird	Drainage Upgrade - Phase 2 Detailed Design	\$37,056	CDR-2020-007b
Trenchard Street, Heddon Greta	Drainage Upgrade - Phase 2 Detailed Design, Phase 3 Construct	\$275,271	CDR-2022-001
Northcote Street, Kurri Kurri	Phase 1 Investigation and Design	\$10,344	CDR-2022-002
Mansfield & Bell Streets, Greta	Phase 1 Investigation and Design	\$41,374	CDR-2022-003
Keelendi Street, Bellbird	Phase 1 Investigation and Design	\$41,374	CDR-2022-004
Hamilton Street, Abernathy	Phase 1 Investigation and Design	\$31,031	CDR-2022-005
Whitburn Street, Greta	Phase 1 Investigation and Design	\$20,687	CDR-2022-006
Various	Upgrade Minor Drainage Works - Phase 1 Investigation and Design, Phase 2 Detailed Design, Phase 3 Construct	\$31,762	CDR-2022-008
Various	Roadside Drainage Program	\$52,937	CDR-2022-009
Various	Drainage Asset Renewal	\$52,937	CDR-2022-010
Total		\$615,948	
<i>Funding source:</i>		Stormwater Management	\$385,000
		General Funds	\$30,948
		Loans	\$200,000

Floodplain Management Program (PMF)

Location	Description	Budget	Project ID
Mount View Detention Basin	Improvements - Phase 2 Detailed Design, Phase 3 Construction and Operational	\$244,568	PMF-2021-003
Heddon Greta	Flood Mitigation - Phase 3 Construct	\$84,699	PMF-2022-002
Black Creek	Restoration Plan - Phase 1 Investigate & Design Strategies	\$51,718	PMF-2022-003
Greta	Floodplain Risk Management Study & Plan	\$41,374	PMF-2022-004
Black Creek	Stage 2 - Flood Risk Management Study & Plan	\$34,134	PMF-2022-005
South Cessnock	Flood Mitigation - Stage 1 Bund Wall, Phase 3 Construct	\$2,170,407	PMF-2022-006
Abermain and Weston	Flood Mitigation - Phase 3 Construct	\$232,922	PMF-2022-007
Cessnock	Flood Mitigation - Phase 3 Construct	\$232,922	PMF-2022-008
Total		\$3,092,744	
<i>Funding source:</i>		Grants	\$2,044,000
		Loans	\$751,000
		General Funds	\$168,744
		Stormwater Management	\$129,000

Recreation Facilities Renewal Program (RFR)

Location	Description	Budget	Project ID
Weston Bears	Replace Scoreboard	\$33,263	RFR-2022-001
Greta Central Park	Floodlight Pole Replacement	\$43,761	RFR-2022-002
Kurri Kurri Skate Park	Improvements from Skate Park Audit	\$26,611	RFR-2022-003
Various Parks & Reserves	Asset Renewal - Park Furniture, Fencing, Signs	\$66,526	RFR-2022-004
Various Playgrounds	Install Concrete Plinths and Replace Safety Surfacing	\$59,874	RFR-2022-005
Total		\$230,035	
<i>Funding source:</i>		General Funds	\$230,035

Recreation Facilities Construction Program (CFR)

Location	Description	Budget	Project ID
Poppethead Park Kitchener	Masterplan Implementation	\$94,815	CFR-2020-006
East End Oval	Construction of a Retaining Wall Stage 2	\$66,526	CFR-2021-001b
Carmichael Park Bellbird	Masterplan Implementation	\$12,625	CFR-2021-004
Crawfordville Community Hall, Millfield	Skate Park Stage 2 - Construction	\$128,260	CFR-2021-009
Various Parks	Installation of Bin Cabinets	\$21,233	CFR-2022-001
Greta Central	Environmental Works	\$15,415	CFR-2022-002
Ellalong Park	Pathway Connection	\$13,960	CFR-2022-003
Brunner Park, East Branxton	Playground Shade Program	\$34,594	CFR-2022-005
Total		\$387,428	
<i>Funding source:</i>		General Funds	\$210,742
		Developer Contributions	\$176,686