

Environmental Levy Annual Report

2022–2023



logan.qld.gov.au





Acknowledgement of Country

Logan City Council acknowledges the Traditional Custodians of the land, pays respect to Elders past, present and emerging, and extends that respect to all Aboriginal and Torres Strait Islander peoples in the City of Logan. The smoking ceremony is an ancient custom among Indigenous Australians and is believed to ward off bad spirits.

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Connecting Landscapes, River Recovery, Nature Conservation and Climate Change



Welcome to our Environmental Levy Annual Report for 2022/2023. The City of Logan has a unique landscape that makes it a great place to live, work and enjoy nature.

Message from the Mayor

We are proud to have 958 parks, 77,400 hectares of wildlife and ecological corridors, 2,633 hectares of wetlands and 2,177 kilometres of waterways throughout our city. That's why preserving and enhancing our natural environment for current and future generations is a priority for Council.

Council's Corporate Plan 2021–2026 vision is to create 'a green city full of pride, opportunity and culture'. To achieve this Council has prioritised the activation, community connection and enhancement of our rivers, waterways and habitat corridors. We recognise that the value of our varied and thriving natural environment within our growing region is core to our identity, lifestyle, wellbeing and economy.

A significant achievement over the last year has been to achieve carbon neutrality and reducing our carbon emissions by over 35%. Through our environmental levy we deliver on our commitment to build climate resilience and ensuring our amazing natural environment is protected, enhanced, connected and celebrated. The levy funds an incredible range of initiatives, services and projects that achieve positive environmental outcomes for our city.

Over the next three years, we are committed to building on the hard work our community and Council have undertaken to protect and improve our natural environment. We look forward to continuing to demonstrate leadership in climate resilience and the protection and enhancement of our natural environment.

The 2022/2023 financial year has been another productive year for Council, and I encourage everyone to learn more about what your environmental levy is achieving for our community.

I am proud to present the City of Logan Environmental Levy Annual Report which highlights our environmental achievements for the city during the 2022/2023 financial year.

Mayor Darren Power
City of Logan



Message from the Planning, Economic Development and Environment Committee Chair

As the Planning, Economic Development and Environment Committee Chair, I am proud to showcase what is being delivered each year with the environmental levy.

In 2022/2023 we strengthened our commitment to protecting and enhancing our amazing natural environment by delivering our waterway and wetland recovery programs, achieving carbon neutrality and supporting our community through environmental grants, activities and conservation partnerships.

Our city contains an amazing range of natural areas including rainforests, bushland reserves, waterways and wetlands which are home to an incredible diversity of native animals and plants. The Environmental Levy enables council and our community to help to improve and protect these areas for generations to come.

Funds from the Environmental Levy underpin Council's ability to deliver a range of initiatives and services that work to protect and improve our local environment. These include:

- protecting and enhancing our waterways and wetlands with the revegetation of riparian areas
- creating a city that is resilient to a variable and changing climate
- ensuring our biodiversity and wildlife corridors are connected, conserved and rehabilitated through planting projects, ongoing maintenance activities and working with our incredible parks volunteers
- partnering with private landholders to restore and enhance the natural environment on their properties
- connecting and celebrating nature with our community through events, activities and our EnviroGrants program.

Logan City Council recognises and respects the importance of a thriving natural environment in the growing region and our role in building climate resilience and protecting and enhancing nature. We are committed to building on the hard work our community and Council have undertaken to protect and improve our natural environment.

Cr Jon Raven

Chair of the Planning, Economic Development and Environment Committee



Environmental Levy Financial Snapshot

2022/2023 INCOME

\$10,970,703

from Environmental Levy rates charge less discounts and remissions

\$5,500

from other Income

2022/2023 EXPENDITURE

Management of Ecologically Significant Land

\$5,635,701

INCLUDED

\$3,981,740

on bushland maintenance and BushCare

\$261,729

on aquatic and environmental weed control

\$1,392,232

on environmental park infrastructure enhancements

Community Engagement, Community Support and Environmental Education Services

\$1,858,852

INCLUDED

\$1,551,007

on the Environmental Conservation Partnerships, World Environment Day Poster competition, Logan Animal Ambulance and environmental programs, events and activities

\$199,000

for environmental grants to the community

\$108,845

Logan Eco Action Festival (LEAF)

Connecting Landscapes, River Recovery, Nature Conservation and Climate Change Services

\$3,686,821

INCLUDED

the actions working towards the Logan River vision, the Albert River vision, Logan rivers and wetlands recovery, Riverine Discovery Centre, Koala conservation, Slacks and Scrubby Creek recovery, flying-fox management, waterbody asset management and carbon and energy management.

2022/2023 INCOME



\$10,970,703

— from Environmental Levy rates charge less discounts and remissions



\$5,500

— from other income

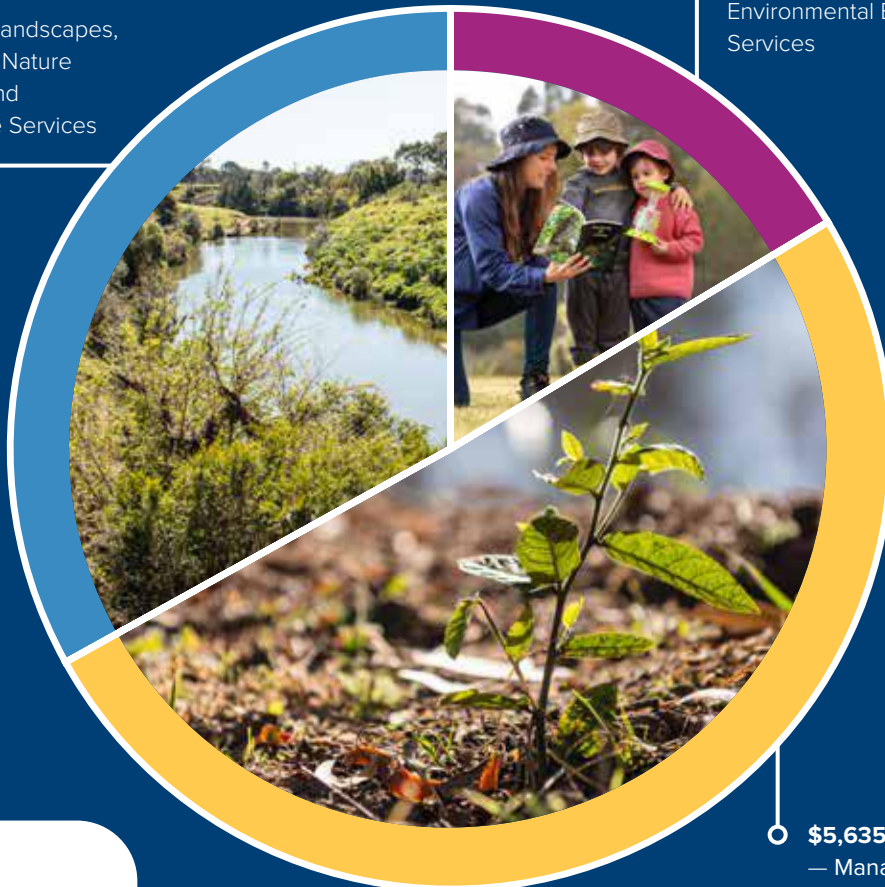
2022/2023 EXPENDITURE

\$3,686,821

— Connecting Landscapes, River Recovery, Nature Conservation and Climate Change Services

\$1,858,852

— Community Engagement, Community Support and Environmental Education Services



\$5,635,701

— Management of Ecologically Significant Land



Total Reserve Balance

\$4,183,724

as at 30 June 2023

City of Logan – ‘a green city full of pride, opportunity and culture’

Logan City Council's Environmental Levy funds are generated and managed in accordance with Council's adopted Environmental Levy policy and support the delivery of Council's corporate environmental priorities and services.

Corporate Plan 2021–2026 Focus Area 3 – Environment

The value of our varied and thriving natural environment is core to our identity, lifestyle, wellbeing and economy. We will prioritise activation, community connection and enhancement of our rivers, waterways and habitat corridors and the wildlife within them. We will consider the environment holistically and consider impacts broadly in terms of sustainable development, climate and resource recovery.

Environmental Levy funds are allocated to acquire land, fund capital investment and operational costs (including employee costs) to deliver services, projects and initiatives across 3 key themes.

**1.
Management
of Ecologically
Significant Land**

**2.
Community
Engagement,
Community Support
and Environmental
Education**

**3.
Connecting
Landscapes, River
Recovery, Nature
Conservation and
Climate Change**



Management of Ecologically Significant Land

Corporate plan priority 3.2
– Enhance our urban forest, wildlife corridor network and environmentally significant bushland areas.

The Environmental Levy provides significant investment towards the acquisition and maintenance of ecologically significant land within the City of Logan to:

- protect, preserve and enhance our natural environment
- expand and protect Council's ecological corridors
- provide and enhance habitat for native plants and animals
- build community capacity and facilitate involvement and understanding of our natural environment.

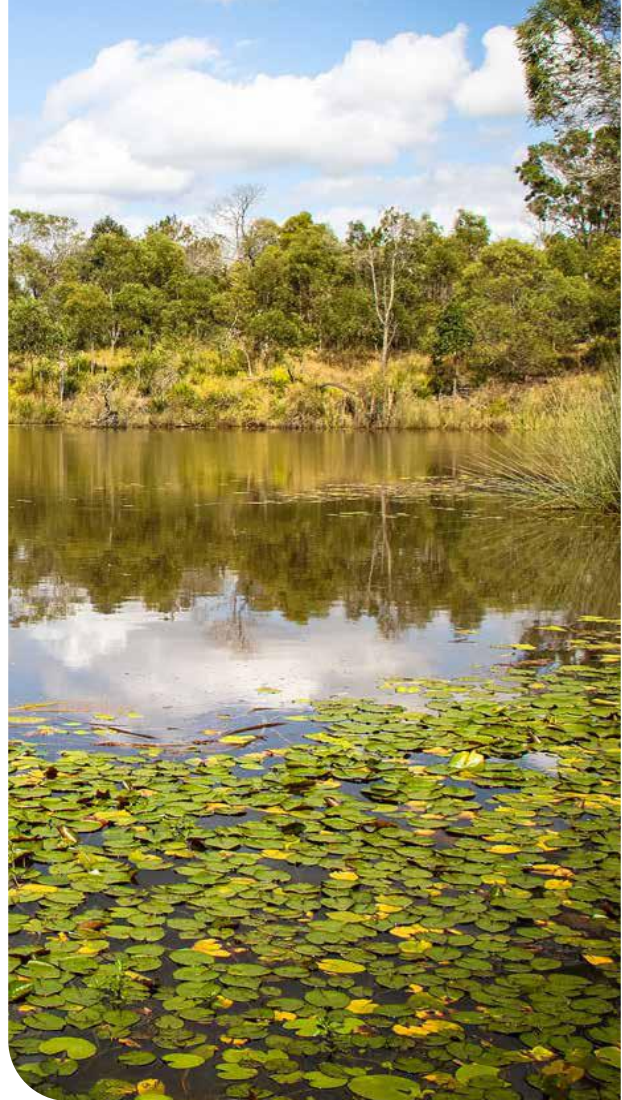
In the 2022/2023 financial year, we invested \$5,635,701 in the protection, enhancement, and management of ecologically significant land across our city, which included:

- Operational maintenance of Council's 540 environmentally significant parks and natural areas (5,468 hectares) which included proactive priority maintenance of the top 188 reserves, with:
 - operational maintenance including weed control, rubbish removal and pathway/trails maintenance across the estate of environmentally significant parks and natural areas across 13,200 hectares.
 - rubbish removal programs conducted within high visitation areas and rubbish dumping hotspots within various parks and reserves. This program ensures that proactive rubbish removal is conducted to maintain the visual amenity and environmental values for the community.
 - programmed weed control programs within planned burn blocks to encourage native regeneration, assist in reducing weed regeneration within the park, and to manage fuel loads after a burn has been conducted.

- Delivery of the City of Logan Parks volunteer program, which has 11 registered BushCare groups and 2 TrailCare groups, with a total of 226 active registered volunteers across both programs. During 2022/2023:
 - › approximately 1,215 volunteer hours of work was undertaken, with key activities being tree planting, weed removal, erosion control and trail maintenance.
 - › 124 BushCare & TrailCare working bees were completed with key environmental works being conducted in parks and reserves across Logan City
 - › BushCare volunteers completed the following within BushCare sites:
 - removal of 678 bags of green waste and weeds
 - removal of 30 general litter bags
 - planted 6,107 native plants.
- › TrailCare volunteers completed the following:
 - planting and revegetation pilot program to manage invasive creeping Lantana and enhance beautification along new 400 m volunteer hand-built Batwing Trail at Spring Mountain Forest Park (Greenbank).
 - general rectification works and maintenance of priority locations across the trail network in Cornubia Forest Park (Cornubia) and Spring Mountain Forest Park (Greenbank).
- National Tree Day event was held on 31 July 2022, at Mabel Park (Slacks Creek) with 223 volunteers planting 2,000 native plants.
- The annual BushCare's Big Day Out planting was held on 23 October 2022, at Riverdale Park (Meadowbrook) with 15 volunteers planting 1,700 native plants.
- Two Skilling Queenslanders for Work (SQW) projects supported the rehabilitation of bushland parks across the city. SQW projects assist young people in getting job ready and contributes to ecological outcomes within the city's parks.



- Infrastructure upgrades occurred across the following environmental parks:
 - › Red Ash Reserve (Jimboomba) – creek bank rectification works
 - › Spring Mountain Forest Park (Greenbank) – pinto path – engineering assessment, path repair works based on an engineered drawing
 - › Birnam Range (Jimboomba) – steel pipe fencing and gate to restrict illegal access into Birnam Range
 - › Quinzeh Creek Road (Logan Village) – Galvanised fencing alongside Quinzeh Creek Road
 - › Colisa Park (Regents Park) – creek rehabilitation
 - › Teviot Road (South MacLean) – locking rail and continuous rail.
- Additional community planting projects occurred across the following areas:
 - › planting of 1,500 native plants at Eagleby Wetlands (Eagleby) as a corporate planting project with LSKD (Loose Kid) Clothing Company
 - › planting of 500 native plants at Eagleby Wetlands (Eagleby) as a corporate planting project with John Deere Australia
 - › planting of 360 native plants at St Matthews Primary School (Cornubia) as a school volunteer project with the school
 - › round 1 planting of 160 native plants at Cornubia Forest Park (Cornubia) as a school volunteer project with the Chisolm Catholic College
 - › planting of 210 native plants at Cornubia Forest Park (Cornubia) with the Wildlife Preservation Society of Queensland community day which 43 volunteers attended
 - › round 2 planting of 160 native plants at Cornubia Forest Park (Cornubia) as a school volunteer project with Chisolm Catholic College in the forest to assist with environmental studies within the school.
- Hand removal of salvinia from Cornubia Nature Reserve (Cornubia).
- 307 environmental weed treatments across Council parks throughout the city.
- 287 waterbody inspections resulting in 21 spray treatments.
- Large Singapore Daisy treatments John Paul Park (Daisy Hill) and Mount Warren Oval (Mount Warren).
- Lantana management in Jimboomba and Park Ridge.



Passionate Bushcare group

The Eagleby Wetlands BushCare group have worked many weekends after the flooding to rectify the area back to a workable site. The group go above and beyond for the program. Volunteers meet several times a month to ensure the area of Eagleby Wetlands is moving forward ecologically, after the devastating floods in previous years. The Eagleby Wetlands BushCare group also have one of the longest standing volunteers – 18 years. That is something to celebrate!



Skilling Queenslanders for Work program success

Council provided a diverse range of trainees with job skilling opportunities through our partnership with ReLink Australia as part of the Skilling Queenslanders for Work (SQW) program. This program funds training and support for unemployed or under-employed people, with a focus on young people (including those in and transitioned from out-of-home care), Aboriginal and Torres Strait Islander people, people with disability, mature-age jobseekers, women re-entering the workforce, veterans and ex-service personnel, and people from culturally and linguistically diverse backgrounds.

Following completion of their introduction, code of conduct and health and safety inductions with Council the group commenced works on ground. They completed an array of bushland maintenance works at

several parks across the city, contributing to enhancing Logan's natural environment.

Some highlights of this program included:

- 8 trainees graduated with a Certificate I in Conservation and Ecosystem Management.
- Completion of enhancement and restoration works within the Albert River corridor including:
 - > Albert River Park (Eagleby) riparian weed management and planted 500 native plants
 - > Alexander Watt Park (Bannockburn) riparian weed management
 - > Teak Park (Shailer Park) lantana and cats claw removal and planted 250 native plants.



540

environmentally significant parks and areas included in Council's annual operational maintenance



287

inspections

21

treatments

to control aquatic and environmental weeds as part of waterbody management



13

registered groups taking part in the City of Logan BushCare and TrailCare programs



9,807

trees planted through volunteer programs

Community Engagement, Community Support and Environmental Education



Corporate plan priority 3.4
– Support the community to become more sustainable and conserve and restore private land.

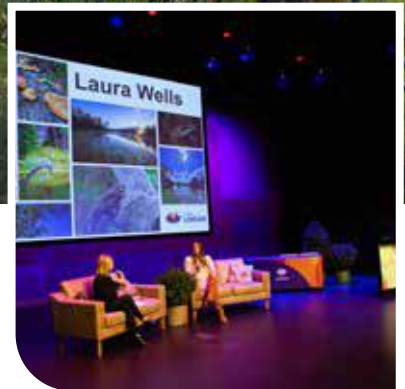
Council is committed to facilitating and supporting planning, education and capacity building to protect and enhance the natural environment across the city (e.g. corridors, biodiversity, ecosystems, wildlife).

In the 2022/2023 financial year Council invested \$1,858,852 in boosting the local community's engagement with the City of Logan's natural environment through conservation partnerships, environmental education, environmental grants and rescuing injured wildlife.

- Council delivered a range of environmental events and activities including:
 - > Logan Eco Forum series was successfully delivered across the month of June. The series included the opening of the forum at the Logan Eco Action Festival (LEAF) with Paul West, Create Your Nature Spaces Activity Day, and the Eco Forum Community Celebration. Over 400 community members attended the three events across the city.
 - > The Logan Eco Survey was successfully delivered during the Logan Eco Forum series with 605 responses from the community.
 - > The very successful Logan Eco Action Festival (LEAF) was held at Griffith University's Logan campus (Meadowbrook) on 4 June 2023 with approximately 10,000 attendees.
 - > 86 environmental workshops and citizen science activities were delivered to 3,553 members of the community including platypus surveys, cane toad education, Pest Fishing Cup, Aussie Bird Count and Bioblitz surveys.
- \$199,000 in Environmental grants (EnviroGrants) were distributed to the community for:
 - > environmental projects, research, education, partnerships and to wildlife carers.

- Environmental Conservation Partnerships
 - 947 properties in total are registered in the program, resulting in 6,321 hectares of habitat and 212 kilometres of waterway being managed for conservation.
 - › 468 properties are registered in the City of Logan Land for Wildlife (LfW) program, with 60 new properties joining the program in 2022/2023, equating to 151 hectares of additional habitat managed for conservation.
 - › 6 properties have Voluntary Conservation Covenants to help conserve high quality habitat.
 - › 16 properties have Voluntary Conservation Agreements to help improve high quality habitat.
 - › 7 properties have Voluntary Restoration Agreements which will help to revegetate stretches of the waterways in the city.
- › 479 properties are registered in the City of Logan Habitat Connections partnership, with 129 new properties joining the program in 2022/2023.
- › 13,797 native trees and a range of land management supplies were distributed to private landholders.
- › \$69,000 of grants were distributed to landholders through Voluntary Conservation Agreements and Voluntary Restoration Agreements which cover 142 hectares of vegetation across the city.
- The Logan and Albert River Trees program provided 4,100 native plants to 9 landholders for waterway habitat restoration.





- The Council of Mayors (SEQ) Resilient Rivers Initiative delivered:
 - › landholder events: Water quality workshop, Mid-Albert landholder gathering and River processes workshop
 - › 6 kilometres of weed management on 4 properties along the Logan River at Woodhill and Veresdale
 - › slump stabilisation project, stock fencing, off stream watering, and environmental assessment on properties along the Logan River at Woodhill
 - › council officer workshop: Practical Erosion & Sediment Control for the workplace.
- The World Environment Day Poster Competition attracted 853 students across 16 primary schools and home schools.
- The Oxley Creek landholder engagement project entered phase 3, with 7 new partnerships. On-ground weed management and tree planting were delivered along 500 meters of Oxley Creek to support landholders in restoring, maintaining and conserving the natural values of this area. 17 local landholders attended the Oxley Creek Landholder field day to learn more about the project and Council's conservation initiatives.
- The Wildlife Sightings Database received the following submissions from the community:
 - › 175 community wildlife sightings were received via Council's online wildlife sightings form, including koala (endangered), greater glider (endangered) swamp tea-tree (endangered), macadamia nut (vulnerable), powerful owl (vulnerable) and a platypus (locally significant).
 - › 5,549 plant and wildlife sightings were received via Council's Logan iNaturalist project, including scrub turpentine (critically endangered), koala (endangered), greater glider (endangered), Boonah tuckeroo (vulnerable), macadamia nut (vulnerable), yellow-bellied glider (vulnerable), tusked frog (vulnerable), and glossy black-cockatoo (vulnerable).
- Logan Animal Ambulance conducted 3,046 wildlife rescues during 2022/2023, with:
 - › the top 3 types of wildlife rescued being, birds (1,511), marsupials (497) and reptiles (179)
 - › other wildlife rescued included possums (376), koalas (23), turtles (52), lizards (34), snakes (12), and gliders (12).

A resistant Native Guava!

The solution to a devastating disease affecting Australian flora could be growing in a Jimboomba backyard.

A native guava tree (*Rhodomyrtus psidioides*) that appears to be resistant to the invasive myrtle rust was recently found on a property that is part of Logan City Council's Land for Wildlife program.

The fast-spreading fungal disease has been observed on species of the Myrtaceae family including eucalyptus, lilly pilly, tea trees and bottle brushes.

The disease was detected in Australia in 2010 and now impacts more than 400 different types of plants by making them incapable of producing seeds, fruit or new growth.

The once common native guava has been so severely impacted by myrtle rust that it is listed as 'Critically Endangered' by Queensland's Department of Environment and Science.

Council is now working with the Jimboomba landowner and experts from University of Queensland and the Queensland Government to determine if this particular plant is resistant to myrtle rust.

Genetic testing is being done and saplings propagated from seed and cuttings as part of rigorous research that hopes to find a breakthrough in the battle against myrtle rust.

For more information visit

lccqld.com/Sweet-music-for-gardeners



6,321

hectares of habitat managed for conservation through Environmental Conservation Partnerships



3,046

wildlife rescues performed by the Logan Animal Ambulance



947

properties registered in Environmental Conservation Partnerships



17,897

free native plants provided to the community through various conservation partnerships.

Logan Eco Survey 2023 with record number of responses!

During June, the Logan community were given the opportunity to contribute ideas and experiences on how we as a community can lead the way in protecting, enhancing, connecting and celebrating nature. Here is a snapshot of what we have learnt from the community:



605

community members participated in the month-long survey



57%

of those who completed the survey were aged between 26–45 years

Our community thinks Council's **top 3 priorities**

should include:

- land acquisition for conservation
- biodiversity and habitat improvement
- waterways and wetlands health improvement



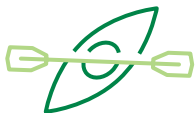
22%

belong to a community and/or environmental group



52%

connect with waterways in Logan via fishing, kayaking and swimming



86%

want to participate in environmental activities



79%

connect with nature via bushwalking



22%

provided suggestions on how Council can help break down barriers that limit people from connecting to nature

59%

have asked to learn more about Council's Environmental Conservation Partnerships that help residents to improve their property for nature



62%

want to volunteer in nature through citizen science or BushCare



87%

are looking to participate in workshops that cover plant, animal or sustainable living topics

Connecting Landscapes, River Recovery, Nature Conservation and Climate Change

Corporate plan priority 3.1 – Manage, maintain, and improve the ecological health and activation of our rivers and waterways

The Environmental Levy funds the development and implementation of Council's environmental plans, visions and strategies to provide strategic protection and enhancement of our natural environment.

In the 2022/2023 financial year Council invested \$3,686,821 to improve waterways and koala habitat, implement priority species management actions and deliver carbon and energy management actions.

This included the following projects:

- The design concepts for the Riverine Discovery Centre layout were completed along with the schematic designs of the building. Drone filming and photography was conducted to create visual imagery for the interpretive displays.
- The contract for construction was awarded for the provision of a recreational viewing access boardwalk and fishing platform including bank stabilisation and salt marsh rehabilitation works at Riedel Park (Carbrook).
- Waterway and biodiversity corridor plantings included:
 - › 5,777 native plants were planted at 6 riverside parks, working towards our Albert and Logan River Visions.
 - › 7,720 native plants were planted at Riverdale Park (Meadowbrook) and Roselea Park (Shailer Park), as part of Council's Slacks Creek recovery projects.
 - › 200 native plants were planted at Riverdale Park (Meadowbrook) water bodies to reduce run off and improve the health of the waterbodies.
 - › 2,000 native plants were planted along a tributary of Scrubby Creek to work towards Council's Scrubby Creek Recovery Plan.
 - › 46 rare and threatened plant species were included in Council's rehabilitation projects.

- Waterway litter clean-ups included:
 - › a monthly clean-up of floating and bank bound litter from Riedel Park (Carbrook) upstream to Anzac Avenue Bridge (Logan Village). Approximately 9,417 items of waterway litter were collected. The top 3 items collected were polystyrene (23.2%), plastic pieces (22.5%), and food wraps (21.2%).
 - › a 4.4 kilometre stretch of Scrubby Creek from Third Avenue (Berrinba) to Marsden Library (Marsden), and Gould Adams Park (Kingston) to Milky Way (Kingston). There were 319 items collected in total. The top 3 items collected were plastics bottles (52%), cans (23%) and polystyrene foam (8%).
 - › a 3 kilometre stretch of Slacks Creek from Moss Park (Slacks Creek) to Meakin Park (Slacks Creek). A total of 130 items were collected. The top 3 items collected were plastics pieces (44%), food packaging (26%) and polystyrene foam (9%).
- The Fishers for Fish Habitat on the Logan and Albert Rivers project concluded. This project is supported by Logan City Council, Healthy Land and Water and OzFish Unlimited through co-funding from the Australian Government's National Landcare Program. The \$300,000, 3-year grant, awarded in 2020, focussed on 2 main objectives – the on-ground rehabilitation, fish habitat restoration and fish barrier removal; and fisher engagement in helping to look after our local rivers.
 - › 900 native plants were planted on the Logan River as part of this project.
 - › 3 Robust Oyster Baskets (ROBs) were installed at Riedel Park (Carbrook) as an oyster reef trial, conducted by **OzFish**.
 - › 6 fish hotels were installed at JJ Smith Park (Marsden).





- Promotion of sustainable fishing throughout the City of Logan continued through the Fishing in Logan webpage.
- The 4 tackle bins located at Logan River Parklands (Eagleby), Skinners Park (Carbrook), Tygum Lagoon (Waterford) and Albert River Park (Eagleby), continue to be emptied and audited monthly. More than 1 kilometre of fishing line, 169 pieces of tackle and 114 lures were collected.
- Council was successful in securing a QLD fishing infrastructure grant to co-fund the installation of new recreational fishing (QLD Department of Agriculture and Fisheries) infrastructure at ten Logan City Council Parks along the Logan and Albert Rivers. This included secure rubbish bins, fish cleaning stations, fishing tackle bins and interpretive signage. Locations include:
 - › Albert River Parklands (Eagleby)
 - › Alexander Clark Park (Loganholme)
 - › Federation Drive Reserve (Bethania)
 - › Larry Storey Park (Waterford)
 - › Logan River Parklands (Beenleigh)
 - › Riverdale Park (Meadowbrook)
 - › Skinners Park (Carbrook)
- › Tansey Park (Tanah Merah)
- › Wharf Road (Eagleby)
- › Riedel Park (Carbrook) (*installation is delayed until the delivery of the Riedel Park Fishing Platform in 23/24*).
- › The Queens Road Fish Passage project has delivered a new pedestrian and cycle footbridge which provides for better fish passage up and down Scrubby Creek. This will allow fish to swim further along Scrubby Creek and help them reach the estuary. This project is a key deliverable of the Scrubby Creek Restoration Plan. This project is supported by Healthy Land and Water, through funding from the Australian Government's National Landcare Program, Logan City Council's Environment Levy, and OzFish Unlimited. It is also co-funded under the Queensland Recreational Fishing Grant (QLD Department of Agriculture and Fisheries).
- Continued promotion of the Logan and Albert Rivers Canoe and Kayak Trail. Works included:
 - › continued updates to and promotion of the interactive trail map app (Naeus)
 - › 3 canoe and kayak come and try events held.

- Maintenance of virtual fences for wildlife vehicle collision mitigation occurred along Park Ridge Road (Park Ridge), Cusack Lane (Jimboomba) and Rosia Road (Park Ridge).
- Corflute wildlife movement awareness signs were temporarily installed at several locations, focusing on koala and kangaroo movement.
- Koala breeding season awareness banners were rotated across several koala roadkill hotspots, between August 2022 and January 2023.
- A range of new portable wildlife advisory signs have been installed to increase road user safety and reduce the risk of wildlife vehicle collisions with koalas, kangaroos and wallabies – signs have been installed at the following locations and will be rotated quarterly to wildlife collision hot spots across the city:
 - › 2 x Springwood Road (Springwood)
 - › 2 x Plunkett Road (Kairabah)
 - › 2 x Crest Road (Park Ridge)
 - › 2 x Park Ridge Road (Park Ridge)
 - › 2 x Parkview Crescent (Cornubia)
 - › 2 x Spring Mountain Drive (Greenbank)

(The initiative is co-funded by the Local Infrastructure Program for Divisions 4, 7, 8, 9, 10 and 11).



- In-stream water quality monitoring continued at 2 sites on the Logan River.
- Priority species actions included:
 - › koala education campaign and workshops, including the delivery of the Logan City Council community Koala Count in November, the creation of a downloadable contact card and distribution of the koala glovebox card across the city. Supported a range of research projects with Griffith University including Behaviour Change Social Marketing and Artificial Intelligence (AI) powered camera network platform for wildlife monitoring.
 - › monitoring of 20 greater glider nest boxes in Council parks continued and additional nest boxes were purchased for Berrinba Wetlands (Berrinba).
 - › a fauna survey was conducted at Bahrs Hill Park (Bahrs Scrub), with several significant species and other interesting results recorded. These included traces of more than 200 species including koalas, short-beaked echinda, and the Bahrs Scrub croton.
 - › one glossy black-cockatoo identification workshop.
 - › 25 Richmond birdwing butterfly vines were planted across Alexander Watt Park (Belivah) and Eagleby Wetlands (Eagleby).
 - › platypus eDNA surveys & a biodiversity assessment utilising vertebrate metabarcoding were undertaken at 10 locations along the Albert River.
 - › PlatypusWatch citizen science survey events were held throughout the year with 25 sites surveyed and 3 sightings of platypus along Albert River.
 - › the second year of a 3 year collaborative Gossia gonoclada research agreement was completed. The agreement between Logan City Council and the University of Queensland, supports research into developing a cryopreservation technique for this critically endangered species.
 - › twenty-one Gossia gonocladas were planted between Alexander Watt Park (Belivah) and Luscombe Park (Wolffdene).
 - › targeted snipe surveys were undertaken in Logan and recorded Latham's snipe at Eagleby Wetlands (Eagleby) and Mundoolun Wetlands (Mundoolun).

Corporate plan priority 3.6 – Continue to implement sustainability initiatives including increased use of renewable energy, energy efficient technology and carbon reduction projects

- A total of 139 kilowatts of rooftop solar was installed across three sites; the Jimboomba Library, the Logan Central Library, and the Animal Management Centre. It's estimated that these systems will save \$34,000 in electricity costs and 150 tonnes of greenhouse gas emissions annually.
- Generated electricity by capturing more than 4 million cubic metres of gas from organic waste, via a series of underground pipes at the Browns Plains Waste and Recycling Facility.
- Council was the second local government in Queensland to receive carbon neutral certification by the Australian Government's Climate Active initiative and reduced carbon emissions by 86,216 tonnes in 2021/2022.
- Other emission reducing initiatives include:
 - › 16 per cent of streetlights are now LED, with total electricity use from streetlighting now stabilising.
 - › fuel use from Council vehicles is steadily declining – down 15 per cent on 4 years ago and still falling through Council's innovative Green Fleet Strategy.
 - › Council will proceed with plans to expand the operations and output of its biosolids gasification facility, which is also based at the Loganholme Waste Water Treatment Plant. The innovative and Australian-first facility, which opened in April 2022, converts sewage sludge into an environmentally friendly biochar and is expected to reduce Council's carbon emissions by about 6,000 tonnes per year.

Carbon Neutral Certification

Logan City Council's ongoing efforts to support a cleaner, greener future have received national recognition with certification that the organisation is now carbon neutral.

It is the second council in Queensland to receive carbon neutral certification and is among just 15 carbon neutral councils nationwide.

Logan City Council's carbon neutral organisational certification was awarded by the Australian Government's Climate Active initiative in November 2022.

Council targeted electricity use and landfill gas – 2 of its largest carbon-emitting sources – to help reach net zero carbon.

For more information visit

[🌐 logan.qld.gov.au/certified-carbon-neutral-1](https://www.logan.qld.gov.au/certified-carbon-neutral-1)



Queens Road Fishway

Did you know that many of our native fish try to migrate to the estuary to spawn? Juvenile fish born in the estuary migrate up the waterway to freshwaters to live their lives as adults. Barriers like the pedestrian culvert causeway over Scrubby Creek (near the intersection of Queens Road and Loganlea Road) prevent this movement and can cause a decrease in fish numbers over time.

The Queens Road Fish Passage project replaced the partly collapsed and inappropriately sized culverts with a new pedestrian footbridge and instream rock ramp fishway. This allows fish to swim further along Scrubby Creek and help them reach the estuary.

The project includes a series of rock ridges next to the new footbridge. This is called a rock ramp fishway.

The ridges are designed to slow the water and provide deep resting pools for fish as they move through the fishway. The change in water level from one ridge to the next is designed to allow native fish to pass through. This structure also stops erosion while still allowing fish to pass.

Poorly connected waterways also allow pest fish such as tilapia, carp and mosquito fish to flourish. Fixing barriers that prevent movement along waterways, will give our native fish, like the Australian bass, a fighting chance. To learn about responsible fishing and how to correctly dispose of pest fish, visit the Fishing in Logan page.

For more information visit

logan.qld.gov.au/scrubby-creek-recovery



15,697

native plants
planted along
waterways



9,866

pieces of rubbish
collected from Slacks
Creek, Scrubby Creek
and Logan River



1

kilometre of
fishing line
collected through
Councils sustainable
fishing initiatives



139

kilowatts of rooftop
solar was installed
across Logan
with a saving of

\$34,000
in electricity costs

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