



Waterwise Council Action Plan

Town of Victoria Park
1 October 2021





The Waterwise Council Program supports the State Government's vision to create a Waterwise Perth and waterwise communities, recognising that:

A waterwise Perth is cool, liveable, green and sustainable, a place where people want to live, work and spend their time. It is a city where communities care about and value water, while making best use of its various sources (groundwater, surface water, stormwater, seawater and wastewater).

The city serves as a catchment and provides healthy natural environments, supporting a range of social, ecological and economic benefits.



Introduction

It has been over 10 years since the Waterwise Council Program was launched by Water Corporation and the Department of Water and Environmental Regulation. The Program was developed to build a cooperative working relationship with local governments to improve water use efficiency in local governments and their communities.

Since the development of the first Water Efficiency Action Plan in 2016, Waterwise Councils have achieved a number of amazing and innovative initiatives to reduce water usage and strive towards developing waterwise communities.

Criteria to become a Waterwise Council

The Waterwise Council (WWC) Program is free to all local government authorities (LGAs) in Western Australia to join. To be endorsed as a Waterwise Council, a local government must fulfil the following steps:

Criteria 1: Sign a Memorandum of Understanding to participate in the Waterwise Council Program.

Criteria 2: Review water consumption and create a Waterwise Council Action Plan for potable and non-potable water sources for all local government operations and the community.

Criteria 3: Ensure appropriate staff complete online waterwise training at <https://www.watercorporation.com.au/Help-and-advice/Business-customers>

Criteria 4: Progress towards full compliance with groundwater licence conditions including metering regulations and no infringements of water usage issued in the past 12 months.

Criteria 5: Report annually to retain endorsement (optional recognition scheme)

Objectives

The objectives of the Waterwise Council Action Plan are to:

- Assess current water management activities across council operations and the community;
- Identify opportunities to save water;
- Set goals to improve water management outcomes;
- Prepare an action plan and implement water actions to progress towards your targets;
- Provide a process for annual reporting on implementation of water actions;
- Work towards creating waterwise communities beyond water efficiency (recognition scheme)

This plan will be valid for a period of **5 years** and forms the basis of annual reporting requirements.

Methodology

- Waterwise journey
- Water use inventory
- Develop water goals and targets
- Table of endorsement actions
- Recognition Scheme



Contact Details

LGA details	
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Name	Julia Christensen
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Water Management Team

Name	Position/Department	Email	Completed online training? Yes/No
Brendan Nock	Environment Officer	BNock@vicpark.wa.gov.au	No (undertaken face-to-face WW training many years ago, but not the online course)
Gregor Wilson	Manager Infrastructure Operations	GWilson@vicpark.wa.gov.au	Yes (2016)
Kellie Winterbourne	Leisure Facilities Operations Manager	KWinterbourn@vicpark.wa.gov.au	No
Ben Holloway	Building Assets Officer	BHolloway@vicpark.wa.gov.au	Yes
Tom Ogilby	Reserves and Capital Works Supervisor	TOgilby@vicpark.wa.gov.au	Yes
Tracy McQue	Senior Place Leader (Strategic Planning)	TMcQue@vicpark.wa.gov.au	No



Town of Victoria Park’s Waterwise Journey

Waterwise Council Milestones (existing WWCs only)

Milestone	Reporting Year
Endorsement	2015/2016
Gold	2015/2016
Platinum (Council of the Year)	
10 Year Waterwise Council	N/A

Main Strategic Documents

Table 1: Summary of related strategic documents

Main Strategic Document	Link	Notes
Strategic Community Plan 2017-2032	https://www.victoriapark.wa.gov.au/About-Council/Council-documents/Integrated-planning-and-reporting-framework/Strategic-Community-Plan	Water efficiency is reflected in the Environment Strategic Outcomes: EN4, EN5, and EN6. <i>Please Note: At the time of writing the WCAP, the Strategic Community Plan 2017 – 2032 was undergoing review.</i>
Draft Environmental Plan (2022-2026)	https://yourthoughts.victoriapark.wa.gov.au/environmental-plan	This document supersedes the environment Plan 2013 – 2018. This Plan will be the main strategic document directing environmental management, including waterwise actions, for the Town over five years. <i>Draft plan in progress.</i>
Waterwise Councils Water Efficiency Action Plan 2016 (WEAP)	https://www.victoriapark.wa.gov.au/Around-town/Environment/Water-management	The Town’s previous plan.
Draft Climate Emergency Plan	https://yourthoughts.victoriapark.wa.gov.au/climateeep	The Plan was developed in response to the climate emergency and will commit the Town to ambitious actions that we can take to reduce our own emissions, and supports our community to do the same. Key objectives of the plan include emission reduction targets and resilience to the impacts of climate change.
Related Strategic Documents	Link	Notes
Policy 203 Stormwater runoff containment	https://www.victoriapark.wa.gov.au/About-Council/Policy-library	November 2019, updated to ensure that stormwater is adequately treated and retained on site.
Policy 253 Water conservation	https://www.victoriapark.wa.gov.au/About-Council/Policy-library	May 2020, committed to ensure that water usage and conservation is considered when making operational decisions, and activities and initiatives proposed by the community.



Policy 261 Sustainable Events	https://www.victoriapark.wa.gov.au/About-Council/Policy-library	To reduce waste, improve resource recovery and promote sustainable transport options for events coordinated or approved by the Town.
Urban Forest Strategy (2018)	https://www.victoriapark.wa.gov.au/Around-town/Environment/Urban-Forest-Strategy	Endorsed by Council in September 2018, the UFS is a community-initiated and driven process which identified the need to expand and better manage trees within the Town on both public and private land. The Implementation Action Plan (IAP) 2019 – 2024 has since been developed.
Public Open Space Strategy (2019)	https://www.victoriapark.wa.gov.au/About-Council/Council-documents/Public-Open-Space-Strategy	POS that enhances treatment of water and soil management, and reduces water use by reducing underutilised turf.
Local Planning Strategy (draft)	https://yourthoughts.victoriapark.wa.gov.au/lps	The Local Planning Strategy provides a blueprint for the planning and development of neighbourhoods and commercial (activity) centres over the next 10 to 15 years and informs the preparation of a new Local Planning Scheme No.2.
Place Plans	https://www.victoriapark.wa.gov.au/About-Council/Council-documents/Place-Plans	Place Plans are a comprehensive snapshot of the plans and strategies for the local neighbourhood. Some of the initiatives relevant to water include: 1.11 Water Corporation Drainage Basins 1.21 Local Planning Policies 3.02 Complete GO Edwards Park Upgrade 4.04 Safe Active Streets including stormwater re-design 5.10 Sump Repurposing 5.12 Creating Carlisle Micro Parks
Social Infrastructure Plan (2017)	https://www.victoriapark.wa.gov.au/About-Council/Council-documents/Social-Infrastructure-Plan	Planning Principles (P8, P15) include water efficiency measures for community facilities. <i>Under Review.</i>
Greywater use guidance	https://www.victoriapark.wa.gov.au/Your-property/House-and-garden/Sustainability/Grey-water-use	Information regarding use of grey water and when requires Department of Health approval.
Street Verge Guidelines & Adopt a Verge Program	https://www.victoriapark.wa.gov.au/Your-property/House-and-garden/Gardens-and-verges/Adopt-a-verge-program	Verge Program in place since 2015. Aims of the Program: Reduced water use, biodiversity, and aesthetically pleasing verges.



Waterwise Achievements

Town of Victoria Park's achievements include:

- Aqualife Centre endorsed as a Waterwise Aquatic Centre from 2016.
- [Awarded and maintained Gold Waterwise Council status since 2017.](#)
- [Water Conservation Policy](#) developed and endorsed in 2017.
- The Town completed a [Water Sensitive Cities Index Benchmarking workshop](#) in 2017.
- [Urban Forest Strategy](#) Implementation Action Plan developed and endorsed in 2019.
- Implementing the [G.O. Edwards Park Water Quality Improvement Plan \(WQIP\)](#), and associated staged [renovations of G.O. Edwards Park.](#)
- Water Sensitive Urban Design installations e.g. permeable paving on Albany Hwy in 2019/20.
- Launch of the [Micro Parks and Green Basins Program](#) in 2021.
- Water audits completed for high using sites: Administration, Aqualife, Leisurelife and Depot. Data logging has been undertaken and reported for several other moderate water consuming sites.
- Program of retrofitting facilities with water efficient fittings including; installation of flow restrictors and water efficient shower roses in Aqualife change rooms, and timed shower on the pool deck.
- Waterwise reticulation and landscaping upgrades (including Waterwise plants and Hydrozoning) at Fletcher Park, Carlisle Reserve, Fraser Park, Shepperton Road, Asquith Reserve, Devenish Reserve, State St Reserve and Harold Rossiter Park.
- Addition of waterwise standard practices, including:
 - Use of soil conditioner when establishing new plants to improve water and nutrient retention.
 - Fertiliser isn't applied on foreshore reserves to reduce leaching of nutrients into the Swan River.
 - Dual flush toilets installed as standard in Council and community buildings.
- Ongoing community programs:
 - [Switch Your Thinking](#) 'Rewards for Residents' since 2010
 - [Adopt a Verge Program](#), including rebates, since 2015
 - [Adopt a Spot Program](#),
 - Hosting sustainable gardening workshops and providing information brochures 'Grow Local Plants' and 'Your Street Verge: Sustainable Landscaping Guide'.



Water Use Inventory

Corporate water consumption

Table 2: Summary of corporate total water consumption overtime from potable and non-potable water sources

Water source	2016/2017 (kL)	2017/2018 (kL)	2018/2019 (kL)	2019/2020 (kL)	2020/2021 (kL)
Potable water	48,268	37,968	43,193	43,275	39,088
Non-potable, licensed groundwater	582,662	403,762	311,949	433,375	411,924
Non-potable alternate water source: <i>GO Edwards Lake</i>	Not metered	Not metered	Not metered	meter installed	56,137
Non-potable alternate water source: <i>McCallum Park stormwater harvesting (167kL storage tank)</i>	Not metered	Not metered	43,229	36,922	29,422
Total water consumption	630,930	441,730	398,371	513,572	536,571

Table 3: Top 5 potable and top 5 non-potable water consuming assets

Account #	Common name	Water use source	2019/2020 (kL)	2020/2021 (kL)	Notes*
Top 5 potable sites					
9002074653	Aqualife Centre	Scheme	16,051	17,714	Waterwise Aquatic Centre. Reduction in 2019-20 may be attributed to closures during COVID-19 restrictions.
9002005287	Lathlain Oval B	Scheme	6,652	5,593	Site redevelopment for the West Coast Eagles training facility. Meter replaced in 2020 (same account).
9002067963 & 9013855818	Works Depot	Scheme	1,906	2,210	Two meters on separate accounts. The second is the larger consumer and seems to fluctuate yearly. Reduction may also be attributed to closures during COVID-19 restrictions in early 2020.
9002005279	Lathlain Oval A	Scheme	1,825	708	Significant decline (61%) in 2020/21.
9002022626	Leisurelife	Scheme	1,221	984	Notable decline (19%) in 2020/21.
Top 5 non-potable sites					
(Licence #167466) 160315	Higgins Park	Groundwater	56,668	55,981	Experienced 'ghost flow' (see notes below).



(Licence #148515) 148515	Harold Rossiter Park	Groundwater	37,187	40,276	Incomplete data in 2019/20 as new meter installed. 61% of allocation in 2020/21.
(Licence #167466) 161339	Raphael Park	Groundwater	44,792	38,258	
(Licence #167466) 184340	Fletcher Park	Groundwater	21,674	31,559	
(Licence #167466) 183798	Fraser Park	Groundwater	24,968	22,561	Due for meter replacement in 2021/22.

Table 4: Summary of corporate licences to take groundwater

Licence #	Current Licensed allocation (kL)	Actual metered abstraction	Actual metered abstraction	Actual metered abstraction	Notes*
		2017/2018 (kL)	2018/2019 (kL)	2020/2021 (kL)	
GWL204496(1)	600	N/A	N/A	N/A	No data found for this licence.
GWL99870(4)	66,000	39,299	37,187	40,276	Harold Rossiter Park only.
GWL167466(3)	408,405	274,231	395,588	371,648	All other sites.

Notes re Groundwater data accuracy:

1. In September/October 2020 ToVP had 15 new Flomag meters installed to replace the old Emflux meters, the extraction report highlights some high reads. ToVP have been working with the manufacturer to correct the issue which is called 'ghost flow' where the meter logs water flow even though the system isn't operational. This issue has now been rectified so we look forward to collecting more accurate data in the 2021/2022 period.
2. In September/October 2021 we will be having another 14 meters replaced which will complete the replacement of all the old Emflux meters throughout the Town. These are also causing issues with collecting the correct data so we look forward to collecting more accurate data in the 2021/2022 period.

Community water consumption

Table 5: Community potable water use sectors and water consumption over time

Water use source	2016/2017 (kL)	2017/2018 (kL)	2018/2019 (kL)	2019/2020 (kL)	2020/2021 (kL)
Residential	2,936,161	2,835,284	2,851,993	3,008,079	3,061,292
Commercial	1,195,751	1,274,051	1,221,616	1,105,922	1,048,143
Education	245,793	198,249	241,843	222,287	195,619
Total water use	4,377,705	4,307,584	4,315,452	4,336,288	4,305,054



Table 6: Community non-potable water allocation over time

Water use source	2016/2017 (kL)	2017/2018 (kL)	2018/2019 (kL)	2019/2020 (kL)	2020/2021 (kL)
Garden bores	2,245,030	2,245,030	2,245,030	2,245,030	2,245,030
Licensed, self-supply groundwater users (E.g. schools, sports clubs, industry, construction and horticulture)	1,752,367	1,952,367	2,050,863	2,340,863	2,398,863
Total water use (kL)	3,997,397	4,197,397	4,295,893	4,585,893	4,643,893



Waterwise Goals

Waterwise Vision

1. The Town of Victoria Park is a leader in sustainable water management by:
 - a. developing and implementing appropriate solutions, and
 - b. acknowledging and respecting the cultural significance of the Derbarl Yerrigan (Swan River) and the natural water cycle to the Wadjuk Noongar people.
2. The Town of Victoria Park's community appreciates the precious value of water and uses water sustainably.
3. By 2030 the Town is a Water Sensitive City (as defined by the WSC benchmarking report).

Corporate Water Management Goals

- Maintain corporate potable water use within 5% of 2020 levels for the next 5 years.
- Increase integration of Water Sensitive Urban Design (WSUD) in infrastructure projects.
- Increase Water Sensitive Cities Goal area of 'Improve Ecological Health' towards a 4 or more rating.
- Prepare and implement plans to reduce groundwater abstraction under every licence by 10% by 2030
- Increase the use of alternative water sources used in Council facilities.

Community Water Management Goals

- Continue to reduce community per capita water use aiming for below 110kL per annum by 2025.
- Increase community education about groundwater and responsible groundwater use.
- Assist the community to reduce garden bore use.
- Assist the community to increase use of alternative water sources (rainwater, grey water).

Disclaimer: The Town of Victoria Park is currently reviewing a number of key strategic documents including the Strategic Community Plan and Environment Plan. The Vision and Goals listed above may change after these plans are endorsed by Council. Any changes will be reported via the next Waterwise Councils reporting period.



Waterwise Endorsement Action Table

Waterwise Endorsement Action Table

**Mandatory actions*

Table 8: Waterwise Endorsement Action Table

Water Area	Corporate Water Actions	Status (Complete/In Progress/Ongoing/ To be Completed)	Department Responsible	Notes/Evidence
All water sources				
Facilities	1.1 *Establish a Water Audit Program or similar to closely monitor water use, continually seek to improve water efficiency and identify how to reduce water demand of your top water consuming assets. Demonstrate your plans to implement viable recommendations from your water audits over time.	To Be Completed June 2023	Building Assets, Environment Officer	Logging was undertaken at Aqualife and as a result upgrades were made to the changerooms in 2018/19. Daily reading of Aqualife water meters continues. New audits are planned to be conducted in the coming years at high consuming sites.
	1.2 *Implement maintenance processes to detect, report and repair leaks within all council assets.	Ongoing	Building Assets, Environment Officer	Leak detection and reporting is included as standard practice in the Towns maintenance inspections. (See evidence 1 and evidence 2.)
Monitoring	1.3 *Implement tracking and monitoring of assets' water use over time using industry standards for benchmarking top water consuming sites.	Ongoing	Building Assets, Environment Officer	Industry standards can be found here . Top water consuming site, Aqualife, is measured daily and against industry standards (reporting via Waterwise Aquatic Centre program). Other meters are read each billing period and any billing anomalies are investigated by Parks and Building Asset Officers as standard practice. The Town will investigate implementing a monitoring system for other sites.
Education	1.4 *Establish a Water Management Team to foster a culture of Waterwise Champions within the council including providing behaviour change programs, workshops or initiatives that will encourage waterwise practices.	Ongoing	Environment	Water team established. Focus has been primarily the organisations and communities water use, not so much home for staff.





Waterwise Endorsement Action Table

	1.5 Review and update the Town's Verge Guideline to align with Waterwise verge best practice guidelines	To Be Completed June 2023	Environment and Water Team	The Town's existing guidelines have been in place for many years and are due for review.
Irrigation	1.6 *Establish and/or maintain a baseline water budget for every irrigated public open space asset. Demonstrate how you monitor and adjust the baseline water budget in response to weather conditions and or landscape planting changes.	Ongoing	Parks	Should form part of the Public Open Space Strategy (POSS) Program (Room to Grow Program). Refer to irrigation actions in the POSS.
	1.7 *Provide evidence that demonstrates irrigation systems are performing at best practice and are audited to identify poorly performing fixtures or schedules.	Ongoing	Parks	The Town actively monitors the performance of irrigation systems through a central control system. The Town installed a weather station during 2016/2017 to determine precipitation rates and automatically adjust watering times accordingly. Logic boards have been installed in the site controllers in 2018/2019 which has enabled the weather and irrigation systems to fully integrate.
Landscaping	1.8 *Landscaping policies and/or plans to include low water use plants, waterwise mulch, hydrozoning and soil amendments.	Ongoing	Parks	Refer to irrigation actions in the POSS.
	1.9 Continue to create passive reserves and landscaped areas with waterwise plant species that have a low water requirement.	Ongoing	Parks, Natural Areas	Draft Environment Plan action #13. Passive areas and future opportunities are identified in the POSS.
	1.10 Continue to reduce the amount of irrigated turf area throughout the Town and replace with local native plants with low water requirements.	Ongoing	Parks, Natural Areas	Draft Environment Plan action #14.
WSUD	1.11*Develop Local Planning Policy to implement water sensitive urban design in new land developments and infill developments. Consider WSUD as part of the draft LPS Actions 5.1 (investigate introduction of higher standards of ESD in the planning framework) and 5.2 (review the Stormwater Management Plan).	Ongoing	Place Planning / Urban Planning	This action is related to the draft Local Planning Strategy LPS (2020).





Waterwise Endorsement Action Table

	1.12 Where practical, integrate Water Sensitive Urban Design (WSUD) provisions and considerations into engineering design.	Ongoing	Environment, Street Improvement	Draft Environment Plan action #18. Consider linking to sub-programs in the Transport Strategy (Skinny streets program etc).
Quality	1.13 Proactively reduce pollution and litter near local waterways through community groups, council programs or similar.	Ongoing	Environment	E.g. Adopt a Spot Program.
Potable water sources				
Facilities	2.1 *Procurement policies incorporate internal requirements to install better than the minimum Building Code of Australia WELS ratings for water efficiency for water fixtures, fittings and appliances for all new buildings AND external requirements to use Smart Approved WaterMarked and Waterwise Approved products and services where possible.	Ongoing	Assets	For information on WELS ratings, visit https://www.waterrating.gov.au/ For a list of waterwise devices, go to https://www.smartwatermark.org/products/waterwise/
	2.2 As the need arises, continue to replace all old, inefficient water consuming fittings within Council owned or managed facilities (e.g. single flush toilets) with water efficient, Water Efficiency Labelling Standard (WELS) rated fittings.	Ongoing	Assets	Draft Environment Plan action #12.
Monitoring	2.3 *Scheme water meters (and any sub meters) are read on a regular basis and recorded. Usage anomalies are investigated and leaks repaired in a timely manner.	Ongoing	Parks, Aqualife	For information on how to read your water meter, templates and information is available at https://www.watercorporation.com.au/Help-and-advice/Business-customers
Non-potable water sources				
Monitoring	3.1 *Progress towards metering the take of water from all licenced groundwater bores using correctly installed and approved water meters.	Ongoing	Parks	See Meter regulation fact sheet for licensees and guidelines for water meter installation for regulatory standards available at http://www.water.wa.gov.au/licensing/metering-and-measurement/metering-regulations
	3.2 *Develop a process to record your metered water take for each licenced groundwater bore at the end of each calendar month and submit recordings via Water Online to manage all of your water licensing and metering requirements.	Ongoing	Parks	See Managing your meter data online for how to upload and report via the water metering portal of Water Online . Note: The Town has a process and regularly sends groundwater reports to DWER. The Town





Waterwise Endorsement Action Table

				has recently begun using the Water Online platform.
	3.3 *Maintain all meters in good working order and notify the DWER as soon as possible of detecting a malfunction of the water meter.	Ongoing	Parks	See Meter our water use brochure for more information on how to maintain and service your meter

Water Area	Community Water Actions	Status (Complete/In Progress/Ongoing/ To be Completed)	Department Responsible	Notes/Evidence
Education	4.1 *Engage with household and business ratepayers to promote water efficiency, waterwise gardens and how to be a responsible garden bore owner.	Ongoing	Environment	Current activities include participation in Switch Your Thinking.
	4.2 *Provide information on the installation and local regulation of non-potable water supply (e.g. grey water systems and rainwater tanks) Where possible, provide incentives.	To Be Completed June 2023	Environment	Similar to Draft Environment Plan action #16.
	4.3 *Engage with local schools on water efficiency and sustainability programs, including encouraging schools to participate in the Waterwise Schools Program .	Ongoing	Environment	For a list of schools in your council who are not endorsed, please email WEpartnerships@watercorporation.com.au Similar to Draft Environment Plan action #10.





Waterwise Recognition Scheme

Criteria for Gold Waterwise Council Status

Table 9: Updates on compulsory Gold waterwise actions

Gold Compulsory Action (as above)	Update/Evidence
All Aquatic Centres endorsed as Waterwise	Aqualife Letter of Endorsement attached.
Waterwise Verge Policy or Guideline	Guideline is on this page: https://www.victoriapark.wa.gov.au/Your-property/House-and-garden/Gardens-and-verges/Adopt-a-verge-program
Established cross-functional Water Management Team	Water Team list attached here.

Water Sensitive Cities Goal Areas

The [Cooperative Research Centre for Water Sensitive Cities](#) developed the [Waterwise Sensitive Cities Index](#) to benchmark cities against a range of goals and indicators to show where cities sit in regards to becoming a Water Sensitive City (WSC).

See Figure 1 for the goals and indicators that you will need to inform your Gold Waterwise Council actions. For more information on how to progress your LGA towards creating a Water Sensitive City, visit <https://watersensitivecities.org.au/> or contact WEpartnership@watercorporation.com.au .

Waterwise Recognition Scheme



Figure 1: Water Sensitive Cities Goal Areas and Indicators

Ensure good water sensitive governance	Increase community capital	Achieve equity of essential services	Improve productivity & resource efficiency	Improve ecological health	Ensure quality urban space	Promote adaptive infrastructure
Knowledge, skills and organisational capacity	Water literacy	Equitable access to safe and secure water supply	Maximised resource recovery	Healthy and biodiverse habitat	Activating connected green - blue space	Diversify self-sufficient fit-for-purpose water supply
Water is key element in city planning and design	Connection with water	Equitable access to safe and reliable sanitation	Low GHG emission in water sector	Surface water quality and flows	Urban elements functioning to mitigate heat impacts	Multi-functional water infrastructure
Cross-sector institutional arrangements and processes	Shared ownership, management & responsibility	Equitable access to flood protection	Water-related business opportunities	Groundwater quality and replenishment	Vegetation coverage	Integration and intelligent control
Public engagement, participation and transparency	Community preparedness and response to extreme events	Equitable and affordable access to amenity values of water-related assets	Low end-user potable water demand	Protect existing areas of high ecological value		Robust infrastructure
Leadership, long-term vision and commitment	Indigenous involvement in water planning		Benefits across other sectors			Infrastructure and ownership at multiple scales
Water resourcing and funding to deliver broad societal value						Adequate maintenance
Equitable representation of perspectives						





Waterwise Recognition Scheme

Gold Waterwise Council Action Table

Table 10: Gold Waterwise Council Action Table

WSC goal	2020 – 2025 Gold Actions (minimum of 10 actions including those listed below)	Status (Complete/ Ongoing/To be Completed)	Department Responsible	Update (including evidence if available)
Gold Mandatory Actions (-1 golf course action)				
Good Water Sensitive Governance	Investigate ways to encourage local developments and infill projects to gain accreditation (or the equivalent) under a suitable environmental framework such as Green Star Developments, EnviroDevelopment, One Planet Living or Living Community Building Challenge. All of these programs allow a development to become endorsed as a Waterwise Development .	To be Completed 2022	Place Planning / Urban Planning	The draft LPS Actions 5.1 (investigate introduction of higher standards of ESD in the planning framework) will determine the Town’s approach facilitating environmental standards over and above those already required by the State planning framework and the National Construction Code.
Good Water Sensitive Governance	Support relevant parks and irrigation staff to complete Irrigation Australia’s Irrigation Efficiency Course .	Complete & Ongoing	Parks	The irrigation course forms part of the Irrigation Trade Qualification. Relevant irrigation staff have completed this, and any new staff will. The Town is an endorsed member of the Waterwise Garden Irrigator Program through Irrigation Australia/Water Corporation. The Reserves and Capital Works Supervisor is currently an endorsed WGIP member.
Increase Community Capital	Provide local planting lists for residents with waterwise species in line with the Waterwise Plant Directory	Ongoing	Environment	
Ensure quality urban space	Provide active progress towards upgrading retrofitting local drainage sumps infrastructure to improve for community accessibility, amenity and environmental improvement outcomes using Water Sensitive Design techniques.	Ongoing	Environment, Street Improvement, Place Planning	WSC Benchmarking and Assessment Action 5. As part of the Urban Forest Strategy, the following sumps have been identified for retrofitting under the ‘green basins’ program: <ul style="list-style-type: none"> 76 Canterbury Tce, East Vic Park



Waterwise Recognition Scheme



				<ul style="list-style-type: none"> • 91 Planet Street, Carlisle • 6 Paltridge Avenue, Carlisle • 30 Satellite Place, Carlisle • 22 Gallipoli Street, Carlisle <p>https://www.victoriapark.wa.gov.au/Around-town/Environment/Urban-Forest-Strategy/Our-Urban-Forest-achievements/Community-Love-Powers-GreeningVicPark-Efforts</p> <p>and</p> <p>https://www.victoriapark.wa.gov.au/Around-town/Environment/Urban-Forest-Strategy/2021-Urban-Forest-projects</p>
	Additional 5 Actions (+1)			
Good Water Sensitive Governance	To inform future stormwater and groundwater management strategies, continue to update the existing Contaminated Sites Register and map layer to demonstrate areas that have the potential for soil or groundwater contamination.	Ongoing	Environment, Street, GIS Improvement, Place Planning	WSC Benchmarking and Assessment Action 8.
Good Water Sensitive Governance	Develop a new Stormwater Management Strategy to determine the best strategies for improving flood management, stormwater re-use and recharge to improve water quality of the receiving waters of the Swan River and aquifers.	To Be Completed June 2023	Environment, Street Improvement, Place Planning	Similar to draft Local Planning Strategy Action 5.2 (review the Stormwater Management Plan). Planned to complete by June 2023.
Good Water Sensitive Governance	Work with the Town's Mindeera Advisory Group and Reconciliation team to understand the cultural significance of water and the Swan River / Derbarl Yerrigan and use this knowledge in community education campaigns to raise awareness of water value and need to conserve.	To Be Completed June 2023	Water Team	
Increase Community Capital	Increase community preparedness and response to extreme events. Participation the EMRC's Swan and Helena River Flood Study including community awareness campaign.	Ongoing	Environment	'Flood Aware Be Prepared' awareness campaign to be launched in winter 2021.



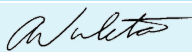


Waterwise Recognition Scheme

<p>Improve Productivity & Resource Efficiency</p>	<p>Low GHG emission in water sector. Advocate for investment by Water Corporation and other stakeholders in technologies to reduce the energy footprint of the water sector.</p>	<p>To be Completed 2022</p>	<p>Environment, Street Improvement</p>	<p>WSC Benchmarking and Assessment Action 10.</p>
<p>Improve Ecological Health</p>	<p>Groundwater quality and replenishment. Measure community understanding of the urban water cycle and the benefits of green-blue assets, including drainage sumps.</p>	<p>To be Completed 2023</p>	<p>Environment</p>	<p>WSC Benchmarking and Assessment Action 3.</p>



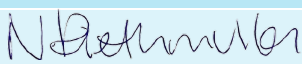


Endorsement of Waterwise Council Action Plan		
Town of Victoria Park:		
a)	Will implement the water management measures stated in the Waterwise Council Action Plan and ensure employees and contractors assist in implementing actions.	
c)	Acknowledges that the Water Corporation and / or Department of Water and Environmental Regulation may comment on the Action Plan and/or request additional information relating to the Action Plan.	
d)	Acknowledges that the Water Corporation and Department of Water and Environmental Regulation will monitor the Action Plan and failure to meet requirements of the program may result in the withdrawal of Waterwise endorsement.	
e)	Will submit an annual report, in accordance with the Waterwise Endorsement Action Table, detailing progress made on the Action Plan in order to maintain endorsement as a Waterwise Council.	
Name	Anthony Vuleta	
Position	Chief Executive Officer	
Signature		Date 15 November 2021


Water Corporation and Department of Water and Environmental Regulation Acceptance of the Waterwise Council Action Plan

Water Corporation and Department of Water and Environmental Regulation has reviewed and accepted the Action Plan. With acceptance of this Action Plan Town of Victoria Park: will be eligible for re-endorsement as a Waterwise Council.

Water Corporation

Name	Nadine Riethmuller	
Position	Manager Water Efficiency Partnerships	
Signature		Date 22/6/2022

Department of Water and Environmental Regulation

Name	Tim Sparks	
Position	Manager, Urban Water	
Signature		Date 22/3/22

Please submit your endorsed Waterwise Council Action Plan to WEpartnerships@watercorporation.com.au.

For any questions, contact WEpartnerships@watercorporation.com.au or call (08) 9420 2114