



Waterwise Councils Program Assessment

Non-ICLEI Water Campaign™ participants

Criteria for Shire of York to be recognised

Requirement	Evidence	Provided (by LGA) Yes / No	Criteria met Yes / No
Criteria 1 Sign a Memorandum of Understanding (MoU) with the Water Corporation to commit to participation in the Waterwise Councils Program.	✓ Signed MoU received by the Water Corporation	YES	YES
1.1 Nominate an employee/position as a point of contact for water related issues.	✓ Provide name and contact details to Water Corporation	YES	YES
1.2 Review council water consumption <ul style="list-style-type: none"> Identify and audit one of the top water using sites owned by the council. Include the water auditing of the other top water using sites in the Council's action plan. Use best endeavours to implement at least 50% of recommendations from the audit. 	✓ Copy of water audit report	YES	YES
1.3 Complete an action plan Plan must include all the mandatory corporate and community actions as listed in the program guidelines including: <ul style="list-style-type: none"> Waterwise verge policy. Waterwise purchasing policy. Promote the use of waterwise vegetation and irrigation within council properties. Interact with households and business ratepayers to promote water efficiency. Encourage community involvement in other WW Programs. 	✓ Provide a copy of the Council's endorsed action plan. Must include the mandatory actions ✓ Provide evidence that mandatory actions have been addressed in the action plan.		
1.4 Report progress Demonstrate substantial progress towards implementation of actions identified in the council's action plan.	✓ Provide a copy of the annual report which includes progress on actions to date and demonstrates ongoing commitment to water efficiency		





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Criteria 2 Ensure all appropriate staff members attend Water Corporation's Waterwise Specialist training sessions.	✓ List of Council attendees.	WC has list	YES
Criteria 3 Review irrigation of council grounds and public open space. 3.1 Demonstrate that irrigation systems using scheme water are operating effectively and efficiently. Apply only the appropriate volume of water the site requires; water budgeting.	✓ Copy of maintenance schedule for irrigation (scheme).		
3.2 Submit a water conservation plan to the Department of Water where required.	✓ Copy of advice from DoW of receipt of water conservation plan.	N/A	N/A
Criteria 4 No breaches of water licence terms or conditions set by the Department of Water in the past 12 months.	✓ Copy of advice from DoW that no breaches have occurred.	N/A	N/A
Criteria 5 No breach notice issued to council in the past 6 months from the Water Corporation (i.e. compliance with watering day rosters and daytime sprinkler bans)	✓ No breaches issued to Council in past 6 months.	WC has report	YES



Government of Western Australia
Department of Water



Draft Copy

Comment [n1]: Insert Shire
Logo

Shire of York

Comment [n2]: Insert Shire
name

Non-ICLEI Waterwise Council

Local Action Plan - Accreditation
Submission

Comment [n3]: Insert Date

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Introduction

Water is recognised as a vital, yet increasingly scarce resource in the Agricultural Region of Western Australia known as the Avon Valley being the eastern portion of the Darling Ranges and transitioning through the Wheatbelt. Water is a major feature not only of the natural environment, in terms of our rivers, oceans and floodplains but also of our culture and our economy. As such, the management of water related issues is fundamentally important to our community as a whole. The Shire of York also recognises that as large consumers of water they also have a responsibility to show leadership by utilising water within the community in a sustainable and efficient manner.

The Shire of York has embraced this challenge through participation in the Water Corporation's Waterwise Council Program. The development of this Local Action Plan is a subset of many initiatives aimed at furthering the Towns overall vision of creating a cohesive, engaged, vibrant and sustainable community. This Local Action Plan details specific management actions that the Shire of York is committed to implementing in order to achieve its objectives in relation to water conservation.

Context

What is the Waterwise Council program?

The Water Corporation and the Department of Water, with support from the International Council for Local Environmental Initiatives (ICLEI) – Local Governments for Sustainability, have developed a Waterwise Council program. The aim of this program is to build a co-operative working relationship with local governments to improve water use efficiency in local government and their communities.

What are the benefits of becoming a Waterwise Council?

Becoming a Waterwise Council will provide a number of benefits, including:

- a better understanding of councils water use
- potential water and financial savings through improved efficiency
- free specialist Waterwise training courses for appropriate council staff
- access to Waterwise materials on water efficiency and conservation
- access to the Waterwise branding to promote the council as a sustainable water manager

Background

Background

The Shire of York is located in the historic Avon Valley District of the Wheatbelt Area approx. 100kms east of Perth and is the first inland Town established in Western Australia. York is a vibrant , historic and a growing district centre in the Avon Valley and encompasses the town of York, and adjacent farming and hills localities. With a population of over approx. 4,000 people, and an area of 21,333 km2..

The region's town residents are employed in a variety of industries including Agriculture, Tourism, Government Services, Education, transport and freight services, pastoral, cattle, sheep and speciality cottage industry and tourism. The supporting infrastructure also provides employment and career opportunities. The York Council mission is included below.

Our Mission

The vision for the Shire of York is:

- A proud community, which values and preserves its history, heritage, rural character and country lifestyle.
- A cohesive and vibrant community, respecting diversity and working together with a strategic vision.
- A friendly and safe place with strong community spirit.
- An economically strong community, with growth in employment, businesses, agriculture and tourism.
- A place with easy access to a full range of social services, including medical, education, and law and order.
- A unique and beautiful place, attractive to residents, businesses and visitors – a town where people can come to learn and experience different things, away from the City.
- A place with hope for the next generation, where heritage, the natural environment, farming and new developments are in balance.
- A place of opportunity where our young people have a sense of what it means to belong to a community and be included.
- A community recognised locally, nationally and internationally for its heritage, arts and crafts, and approach to tourism.
- A Council, which provides leadership and vision, and is committed to working with all the diverse elements of the community to create a future of promise.

Mission: We are dedicated to working with the community to achieve the best possible services and infrastructure to meet their needs. The emphasis is on infrastructure asset enhancement, provision of facilities to ensure York is a vibrant, cohesive and comfortable place whilst supporting the clean and green vision for the Town.

Climate

York is in a temperate climate zone and experiences distinctly dry (and hot) summers and cool, wet winters. The mean annual daily maximum temperature is 24.7 °C and the mean annual daily minimum temperature is 10.5 °C. The hottest month is January with a mean maximum temperature of 33.6 °C, while the coolest month is July with a mean minimum temperature of 5.3 °C. York has a mean annual rainfall of 449.8 millimeters. The wettest month is June with 87.9 millimeters and the driest is January with 9.5 millimeters.

Water Supply Scheme

Opened in January 1903, the Goldfields Water Supply Scheme criticised as 'a scheme of madness' is now an internationally acclaimed engineering feat. Designer CY O'Connor believed water could be pumped so far and lifted so high through a steel pipeline that it would reach the inhospitable goldfields almost 600 km from the storage reservoir sourced at Mundaring.

The historical importance of the Goldfields pipeline to the economic development of both WA and Australia is profound. From the very day C.Y. O'Connor's creation reached the dry gold town of Kalgoorlie, the pipeline has been a lifeline for vast inland areas of WA. In fact the Goldfields, based around the world famous Golden Mile, could simply not have grown without this vital link. The pipeline is even more important now than when it was first constructed. Originally the pipeline supplied only the towns of Coolgardie, but further extensions now also cover significant areas of agricultural farmland and the Eastern Goldfields.

Today the main pipeline remains the Water Corporation's single largest asset and provides billions of dollars of economic activity annually. Approximately 37,300 services are provided within the agricultural areas and Eastern Goldfields via 9,500km of pipe mains and 21 pump stations. The York Water Supply is provided off the BG Mains Extension and fed from the West Northam Tank off the Goldfields Pipeline. The Water Corporation delivers approx. 05 billion litres to the community of York. The cost of delivering water to York is expensive at \$3.50 per kilolitre and

all measure to ensure efficient use of water are necessary to ensure future water supplies remain secure and the future of our community is assured.

Future water sources options

The Water Corporation has options to expand the existing Goldfields and Agricultural Water Supply Scheme to meet future increases in demands. The scheme is now integrated into the Perth Integrated Water Supply Scheme to ensure that source water to Mundaring Weir is able to be augmented as necessary to maintain continuity of supplies. Continued growth of York will imposes constraints on the existing BG Pipeline Extension that will require augmentation in the future.

Water efficiency

The Shire of York maintains a strong partnership with the Water Corporation and has undertaken additional actions to improve its Wastewater Re-cycling Scheme to complement the Shire Storm Water Capture for re-use water being used for the Councils Playing Fields.

The Shire has trained all of its Parks and Gardens Staff with Gardenwise Training and ensures that public gardens plantings and waterwise.

The Shire has undertaken significant improvements of its irrigation systems and automating the planning and scheduling of irrigation waterings to the various Parks and Gardens and Plating Fields throughout York.

The York Leisure Complex has undergone water efficiency retrofits and to improve the sustainability and significantly reduce energy and water costs to the complex.

The Shire had undertaken water audits of the Playing Fields, and Leisure Complex and has substantially completed most actions recommended.

Shire of York Corporate Water Consumption Inventory

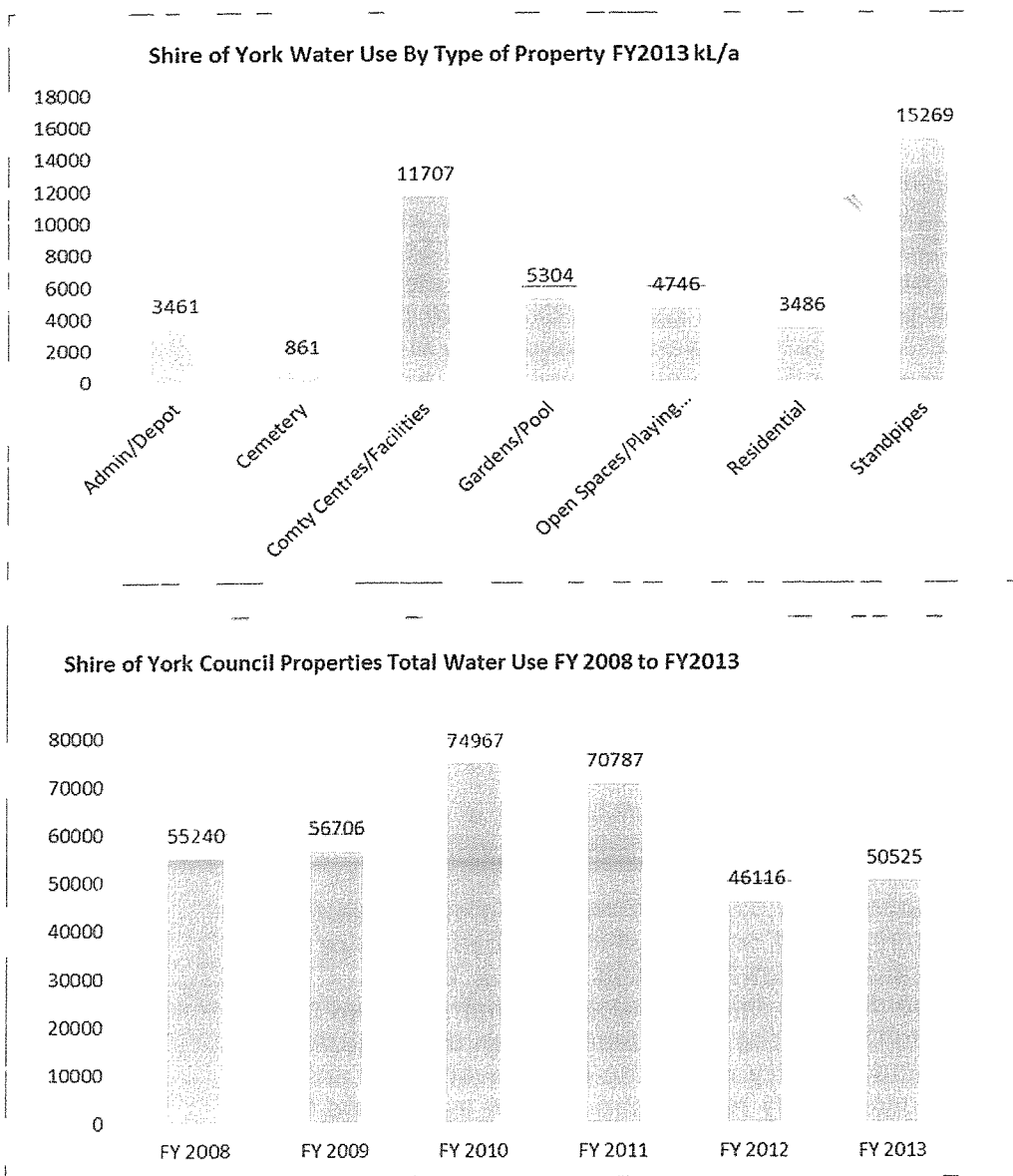
The Shire of York has reviewed its corporate consumption in order to measure the effectiveness of planned water conservation initiatives.

The following graphs and tables were sourced from the Water Corporation on the Shire of York Inventory Report on data which outlines the Shire of York consumption in the financial years from 2008 to 2013. This information underpinned the decision making processes that informed the consumption goal set for the City by the water team. Given the projected growth from development and Industry within the local government area, it is anticipated that water use is likely to continue to grow as demand for public facilities and pressure on open space increases.

Water Consumption Baseline Data Profile

The purpose of the Corporate and Community water consumption inventories is to identify priority areas for action and assist council to track property water consumption over time. The results of these past inventories are outlined below.

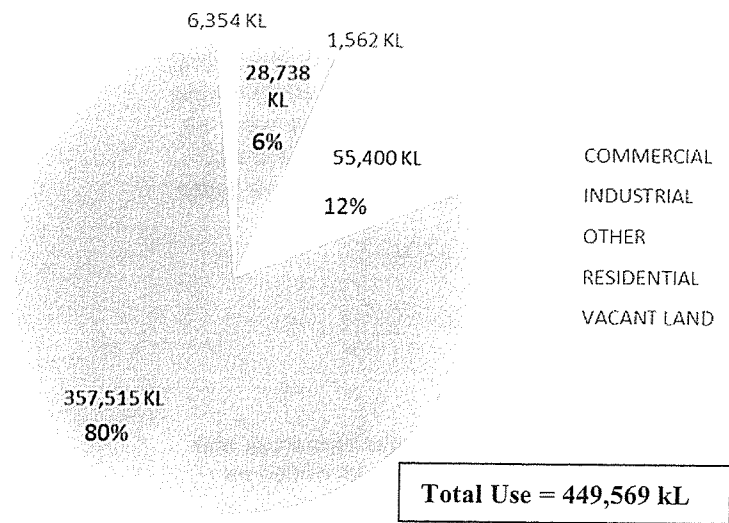
Shire of York Consumption Profile

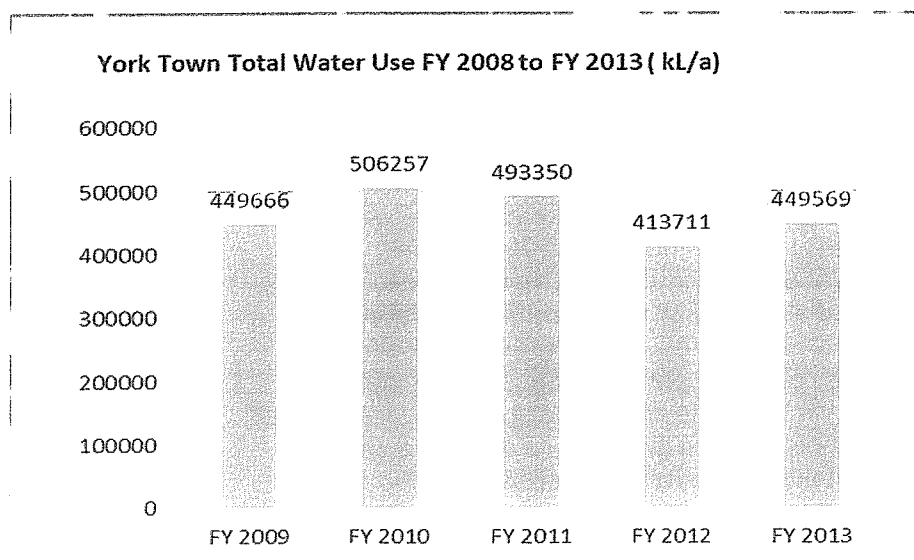


Consumption Profile

See below for an outline of the community scheme water consumption figures supplied ex the Water Corporation. The community data is outlined into Residential (flats and houses), the Mining Industry and Non-residential (industrial, commercial and community other facilities). The Corporate data provided above is a subset of this community data. The Commercial sector includes laundries, offices, light industrial sheds, depots, factory, yard, workshops, caravan parks, shop, service station, exchange, power station, restaurant, hotels and motels, and airport. Other includes a hospital, centres, schools, sports grounds, a day care centre, irrigation, standpipe, toilets, ambulance depot, basketball courts, church and police station.)

York Town Scheme Water Use by Type (kL/a)





The Residential and Commercial water consumption has shown a declining trend over the past 6 years that is attributed to the community embracing the water efficiency message and adopting waterwise practices as well as residents and business dealing with the rising price of water by reducing demand. The Mining Industry and Other uses has remained constant over this period.

Water Conservation Goals

Corporate Water Priorities

The initial waterwise strategies which address the management of water resources and water conservation within the Council's area of responsibility have been identified as—
E.g.

- **Improve water management within the Council's own operations; and**
- **Improve water efficiency in the residential and non-residential sectors**

Shire/City/Town of _____ Waterwise Goals

The Shire/City/Town has nominated some initial key goals to improve water use. These include:

E.g.

1. Enhanced water efficiency through improved irrigation practices employed in the watering of green space
2. Improve water efficiency at community centres and other public facilities controlled by the Shire/City/Town of _____

3. Investigate the cost effective reuse and efficiency of treated effluent wastewater and groundwater for irrigation
4. Achieve improved per household average annual water consumption in those dwellings owned by the Shire/City/Town of _____

Shire/City/Town of _____ Potable Water Conservation Reduction Goal

E.g The Shire/City/Town of _____ commits to achieving a 10 per cent reduction in water consumption within the town-site (per capita population of the Town) based on 2009/10 consumption data by the year 2012 and to ensure no net increase in consumption of the same period, based on current developments within the town. The timelines and targets are designed to fit with the community goal.

Community Potable Water Conservation Goal

E.g The Community Goal differs from the Corporate Goal to some extent in that it is unable to be achieved purely through the Local Governments single effort.

Criteria for Shire of York to be recognised

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Criteria 1 Sign a Memorandum of Understanding (MoU) with the Water Corporation to commit to participation in the Waterwise Councils Program.	✓ Signed MoU received by the Water Corporation dated 13 January 2013	YES	YES
1.1 Nominate an employee/position as a point of contact for water related issues.	✓ Graham Lantzke ✓ – Works Manager ✓ (08) 9641 2233	YES	YES
1.2 Review council water consumption <ul style="list-style-type: none"> Identify and audit one of the top water using sites owned by the council. Include the water auditing of the other top water using sites in the Council's action plan. Use best endeavours to implement at least 50% of recommendations from the audit. 	✓ Copy of water audit report ✓ York Recreation Centre	YES	YES
1.3 Complete an action plan Plan must include all the mandatory corporate and community actions as listed in the program guidelines including: <ul style="list-style-type: none"> Waterwise verge policy. Waterwise purchasing policy. Promote the use of waterwise vegetation and irrigation within council properties. Interact with households and business ratepayers to promote water efficiency. Encourage community involvement in other WW Programs. 	✓ Provide a copy of the Council's endorsed action plan. Must include the mandatory actions ✓ Provide evidence that mandatory actions have been addressed in the action plan.		
1.4 Report progress Demonstrate substantial progress towards implementation of actions identified in the council's action plan.	✓ Provide a copy of the annual report which includes progress on actions to date and demonstrates ongoing commitment to water efficiency		
Criteria 2 Ensure all appropriate staff members attend Water Corporation's Waterwise Specialist training sessions.	✓ List of Council attendees.	WC has list	YES
Criteria 3 Review irrigation of council grounds and public open space. 3.1 Demonstrate that irrigation systems using	✓ Copy of maintenance schedule for irrigation (scheme).		

scheme water are operating effectively and efficiently. Apply only the appropriate volume of water the site requires; water budgeting.			
3.2 Submit a water conservation plan to the Department of Water where required.	✓ Copy of advice from DoW of receipt of water conservation plan.	N/A	N/A
Criteria 4 No breaches of water licence terms or conditions set by the Department of Water in the past 12 months.	✓ Copy of advice from DoW that no breaches have occurred.	N/A	N/A
Criteria 5 No breach notice issued to council in the past 6 months from the Water Corporation (i.e. compliance with watering day rosters and daytime sprinkler bans)	✓ No breaches issued to Council in past 6 months.	WC has report	YES

Criteria for the Waterwise Councils Program

Criteria 1

Sign an MOU with the Water Corporation to commit to participation in the Waterwise Councils Program

The Shire of York has signed a Memorandum of Understanding (MoU) with the Water Corporation and the Department of Water to participate in the Waterwise Councils program dated 18 January 2013. The purpose of the MoU is to detail both organisations' commitment to build a cooperative working relationship, so that each organisation may more effectively and efficiently service mutual customers while promoting water efficiency.

Criteria 1.1

Nominate an employee/position as a point of contact for water related issues

Graham Lantzke

Criteria 1.2

Review Council water consumption

- **Identify and audit one of the top water using sites owned by the council.**
- **Include the water auditing of the top water using sites in the Council's action plan**
- **Commit to the implementation of 50% of recommendations from the audit**

Shire/City/Town Controlled Properties

E.g. As a demonstration of the Shire/City/Town's commitment to the Waterwise program Shire/City/Town staff have commenced a regular program of reading Shire/City/Town water meters in an endeavour to obtain a profile of where and why water consumption is used at various Shire/City/Town facilities and public open spaces.

This process will not only show consumption, but also aim to demonstrate where consumption has been reduced through the introduction of strategic water use reduction initiatives.

These details will be highlighted against each Shire/City/Town facility to quantify individual property and overall cumulative potable water savings.

The following sites were audited and retrofitted in 20XX. All recommended actions have been implemented.

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Criteria 1.3

Corporate water priorities

- 1) Enhanced water efficiency through improved irrigation practices in relation to the watering of green space

E.g.

- Adopted a schedule for irrigating all public open space areas to ensure compliance with the Water Corporation's irrigation schedule for the _____ region.
 - Irrigated POS audited to ensure optimal water use efficiency.
- 2) Improve water efficiency at community centres and other public facilities owned by the Shire/City/Town of _____

Shire/City/Town Industrial/Commercial properties

In this area the main area users of water include-

- Airport - investigations on use to be clarified and strategies implemented from outcomes
- Shire/City/Town Workshop/Depot- the main use comes from filling of the small truck mounted water tank to supplement watering on the median area in XX Ave, and other tree plantings where current irrigation systems fail to supply adequate water in hotter periods. Improved automated irrigation systems will reduce this use from the Depot site. (corresponding increases will occur from meters at median irrigation water meters but overall water use should reduce with watering being during cooler evening periods)
- Caravan Park -The main water use is from domestic type camper usage as there are limited landscape areas on site. A management plan for water use based on a redevelopment of this site needs implementation as part of the lease renewal contract.
- Sports grounds
 - Oval area - the areas irrigation system and turf management requires review from a turf management consultant to optimise:
 - Irrigation coverage and application times and quantities
 - Turf growth from soils improvement, turf type evaluation, aeration/fertilisation/water retention methods
 - Sports club -upgrade facilities with low water use outlets
 - Ablutions -The new facility has water wise fittings and use could be monitored by installing an internal water meter
 - Spray Park - the facility has been designed for low water use. A separate meter should be installed to monitor actual use versus climatic conditions. Additional wind screen plantings on the south and west side of the facility should be implemented to reduce water loss from wind effects

- 3) Increase the use and efficiency of treated wastewater for irrigation

Wastewater reuse

E.g.

The Water Corporation has been working with Shire/City/Town staff to explore treated wastewater reuse and water efficient opportunities.

- 4) Achieve improved per household average annual water consumption in those dwellings owned by the Shire/City/Town of _____
 - Actively encouraging Shire/City/Town of _____ community to become more waterwise.

Shire/City/Town Residential Properties

E.g. In the area of Shire/City/Town staff dwellings the aim is to reduce total consumption annually per dwelling to less than 500KL.

To achieve this goal the following programs are to be implemented:

- Upgrading residences to low water use fittings
- Reduction of irrigated grass areas to landscaped areas
- Implement low water use plantings in landscaped areas
- Install automatic irrigation systems to water in cooler periods of the day at _____.

The following strategies to improve water use should be implemented:

- within tenant contracts set reasonable water use allowances for units and educate tenants in waterwise methods
- upgrade facilities with efficient waterwise outlets
- control landscape areas
- install common area automated controlled irrigation system

Criteria 1.1 Report progress

- 1) Demonstrate substantial progress towards council having implemented actions from their Corporate and/or Community local action plan.

As demonstrated by action plan contained within this report.

- 2) Include reporting on water efficiency targets and performance in the council's annual report.

Link to Annual Report on Council website

Criteria 2

Ensure all appropriate staff members attend Water Corporation's Waterwise Specialist training sessions

Provide date/s attended/completed

Criteria 3

Review irrigation of council grounds and public open space

Criteria 3.1

Demonstrate that irrigation systems are using scheme water are operating effectively and efficiently. Apply only the appropriate volume of water the site requires; water budgeting.

E.g.

- Irrigation schedule developed
- Adopted schedule for irrigating all public open space areas to ensure compliance with the Water Corporations irrigation schedule
- Irrigated POS audited by a contractor to:
 - determine the correct watering requirement for irrigated areas
 - investigate replacing areas of turf and soil with water efficient varieties
 - Reduce irrigation areas along beachfront

Shire/City/Town Reserve Areas

These areas primarily relate to the watering of medians and small park areas.

Initial objectives should be to ----

- Consider amount of grassed areas required at current sites. Sections may be able to be reduced with implemented areas of low water use plants.
- Grassed areas should be upgraded to optimise water demand through-
 - Use of turf type
 - Upgrade of soil conditions or use of water retention products
 - Upgrade of irrigation systems to be totally automated to allow optimum watering cycles
 - Ongoing effective turf management principals
- Possibility of considering use of synthetic turf in areas based on cost benefit analysis and user needs
- Median areas to initially be implemented with low cost automatic trickle controllers and efficient dripper systems
- Planned upgrade of XX Ave streetscape to implement low water use irrigation and plantings
- Upgrade of street tree planted areas with automated irrigation systems with drippers on deep watering pipe systems to encourage deep tree root growth and moisture retention in the soil.
- Establishment of an agreed optimum tree and shrub planting landscape schedule for
 - Narrow verges/medians
 - Wide verges
 - Park areas
 - Foreshore areas
- Establish cost effective supply of alternative mulch type materials including-
 - Stone types
 - Periodical mulching of green waste from tip area

Criteria 3.2

Submit a water conservation plan to the Department of Water where required

See Appendix 1 if Water Conservation Plan is required, liaise with Aaron Compton, Water Recycling and Efficiency Branch, Department of Water (08) 6364-6773 or Aaron.Compton@water.wa.gov.au

Criteria 4

No breaches of water licence terms or conditions set by the Department of Water in the past 12 months

No breaches recorded

Criteria 5

No breach notice issued to council in the past 6 months from the Water Corporation (ie compliance with watering day rosters and daytime sprinkler bans)

No breaches recorded

The following actions must also be included in the action plan:

Corporate:

1. Develop a purchasing policy which incorporates Waterwise products and services or amend existing purchasing procedures to incorporate Waterwise products and services.

The Shire/City/Town has committed to the development and endorsement of a purchasing policy and have identified this as an action within the LAP for development and implementation in the future.

2. Promote the use of Waterwise vegetation and irrigation within council properties, verges, public open space, etc.

The Shire/City/Town has committed to the development and endorsement of a Waterwise Verge and landscaping policy and have identified this as an action within the LAP for development and implementation in the future.

3. Where possible, retrofit with Waterwise vegetation and irrigation, incorporate hydrozoning techniques and introduce amended soils as part of councils' Maintenance and Capital Program. These programs should form part of councils' Works Program.
 - Irrigation schedule developed

Community:

3. Develop a Waterwise Verge Policy/Guidelines and provide information to residents on how to design and maintain a Waterwise verge.

The Shire/City/Town has committed to the development and endorsement of a Waterwise Verge and landscaping policy and have identified this as an action within the LAP for development and implementation in the future.

4. Interact with household and business ratepayers to promote water efficiency via: newsletters, rate notices, Waterwise workshops, website and water focused community engagement activity.
 - Waterwise article published in _____
 - Waterwise messages emailed to Shire/City/Town of _____ staff regarding XXXXX
 - Community Garden Project developed and implemented by Shire/City/Town of _____
 - Waterwise projects and initiatives promoted on website
5. Encourage local community and business to participate in or utilise other Waterwise Programs for example: Waterwise Schools, Waterwise Garden Centres, Waterwise Garden Irrigators, Waterwise Landscapers and Waterwise Lawnmowing Contractors, etc.
 - All relevant staff have completed Waterwise Gardening Training and Waterwise Auditing Training
 - Community encouraged to participate in Waterwise programs where possible.

At least one of the following actions must be included in your action plan:

Community:

- 1) Support the implementation of water sensitive urban design in new land developments:
 - Encourage land developers to participate in the Water Corporation's Waterwise Land Development and Waterwise Display Village Programs.
 - Support the increased use of storm water and non-potable water supplies as irrigation alternatives to reduce irrigation by scheme water.
 - Support the development of local laws and local policies within the Shire/City/Town Planning process to address water at the lot, subdivision and regional stage of the town planning process and assess compliance when processing planning applications.
 - Incorporate a checklist into the building approval process for checking water efficiency when assessing building plan submissions.
- 2) Include water as a standing agenda item on relevant ratepayers' advisory committee or on an appropriate community group meeting.
- 3) Waive the inspection fee for the installation of greywater systems and rainwater tanks.

Actions and Policies

The Shire/City/Town of _____ has had a long held commitment to improve water resource management. To fulfil this commitment and achieve the aims of increased water efficiency and reduced impact on water quality both within the Shire/City/Town of _____ corporate organisation and the wider community, the Shire/City/Town of _____ has undertaken the following initiatives since commencing with the Waterwise Councils Program:

Planned Actions

Action Plan Example

The following actions have been planned after a detailed investigation of Shire water use. In some instances immediate action has been undertaken and in other areas actions have been included in planning processes. Actions will be further evaluated where major funding or Council approval is required.

Priority Area	Comments	Implemented by
SHIRE WATER EFFICIENCY INITIATIVES		
Meter Reading	Reading Shire/City/Town water meters in an endeavour to obtain a profile of where and why water consumption is used at various Shire facilities and public open spaces. Detailed site audits will then be conducted to determine any service leakages or meter inaccuracies.	Projects Coordinator
Shire/City/Town Residential Properties	In the area of Shire/City/Town staff dwellings the aim is to reduce total consumption annually per dwelling to less than ____kL.	
Waterwise Programs	Encourage local community and business to participate in or utilise other Waterwise Programs for example: Waterwise Schools, Waterwise Garden Centres, Waterwise Garden Irrigators, Waterwise Landscapers and Waterwise Lawnmowing Contractors, etc. <ul style="list-style-type: none"> • Ensure all relevant staff have completed Waterwise Gardening Training and Waterwise Auditing Training • Encourage community to participate in Waterwise programs where possible. 	Projects Coordinator
Shire/City/Town Industrial/Commercial properties retrofits and upgrades	Retrofits and upgrades for Council facilities: <ul style="list-style-type: none"> • Airport • Shire Workshop/Depot/Sports grounds Facilities Audits <ul style="list-style-type: none"> • Airport • Caravan Park • Sports Grounds 	Sites Audited and retrofitted A number of sites have been identified for future audits including the _____. Caravan Park is the second highest water using site controlled by the Shire/City/Town of _____. The town oval is the highest water user but, the _____ Caravan Park should be audited as a matter of priority. The Project Office will investigate data logging the Caravan

Shire/City/Town Reserve Areas	POS watering rationale, irrigation equipment upgrades and improved management practices	Park site in support of this audit to assist with identifying internal leaks and in order to gain a better understanding of the site water use. Parks and Gardens Officer
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INTERNAL AND EXTERNAL DEVELOPMENT AND PLANNING

Waterwise Verge Policy	The Shire/City/Town has committed to the development and endorsement of a Waterwise Verge and landscaping policy and have identified this as an action within the LAP for development and implementation in the future.	Shire Planning Officers
Waterwise Procurement Policy	The Shire/City/Town has committed to the development and endorsement of a Waterwise procurement Policy and have identified this as an action within the LAP for development and implementation in the future.	Shire Planning Officers
Waterwise Auditing Training	A minimum of at least 1 additional officer trained to perform water audits each year. Online Training Provided by Water Corporation	Appropriate Officers – Parks and Gardens Officers and Building Maintenance.
Waterwise Gardening Training	A minimum of at least 1 additional officer to complete online Waterwise Gardening Training Provided by Water Corporation	Appropriate Officers – Parks and Gardens Officers and Building Maintenance.
Waterwise Building Checklist	Incorporate a checklist into the building approval process for checking water efficiency when assessing building plan submissions.	Projects Coordinator

ALTERNATIVE SOURCES

Wastewater Reuse Actions	Eg. Options for reuse of treated effluent ponds will be further investigated by the Water Corporation, together with options for use of Bio Pod type treatment systems for recycling self contained property operations.	Projects Coordinator
Groundwater for irrigation	Eg. Sourcing suitable ground water for irrigation purposes for playing grounds and tree irrigation.	Projects Coordinator

COMMUNITY EDUCATION AND ENGAGEMENT ACTIONS

Communications	Interact with household and business ratepayers to promote water efficiency via: newsletters, rate notices, Waterwise workshops, website and water focused community engagement activity. E.g <ul style="list-style-type: none"> Waterwise article published in Water Services Newsletters Waterwise messages emailed to Shire of _____ staff regarding water efficiency initiatives Project such as the Community 	Communications Officer
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Garden supported by Shire of

- Waterwise projects and initiatives promoted on web-site

Commitment to Monitoring and Review

Waterwise Strategy Review

E.g.

The Shire/City/Town of _____ Waterwise Council Program shall be managed through consultation between delegated Shire/City/Town staff and Water Corporation Staff.

The roles of staff members to include---

- Project Officer
 - coordinate program , meetings to facilitate activities and provide report updates to Shire/City/Town Executive and Water Corporation staff
 - updating of water use recordings
 - update of program on a quarterly basis
 - development of a cost/benefit evaluation of all water wise initiatives implemented
- Works Foreman
 - implement ground water wise budgeted initiatives as scheduled
 - arrange collection of monthly water meter readings
- Shire/City/Town Building Maintenance Coordinator
 - Upgrade to Shire building facilities as resolved and budgeted

The Shire/City/Town of _____ Local Action Plan is intended to be a living/dynamic document that outlines an ongoing implementation plan to achieve the Shire's goals and more generally the overall aim of continuous improvement in regards to water resource management.

In order to ensure that this Local Action Plan remains relevant in the face of changes within the Shire of _____ itself, in State and National policy and in regards to research and understanding of water related issues, the Shire commits to monitoring the success of its actions and reviewing this Local Action Plan on an ongoing basis.

The Shire of _____ commits to:

- 1) Demonstrate substantial progress towards council having implemented actions from their Corporate and/or Community local action plan.
- 2) Include reporting on water efficiency targets and performance in the council's annual report.

Related websites

Information about saving water is available on the Department of Water's website: www.water.wa.gov.au

Information on saving scheme water and Waterwise programs for business, industry, schools and the community are available on the Water Corporation's website: www.watercorporation.com.au under: Being Waterwise.

Information on water sensitive urban design topics is available on the New Water Ways website: www.newwaterways.org.au

For information on the Water Efficiency Labelling and Standards (WELS) Scheme – tests; labels and products for water efficiency - visit their local government specific information on: www.waterrating.gov.au/government

Smart Approved Water Mark website: www.smartwatermark.info/home provides information on Australia's outdoor water saving labelling program for products and services that help to reduce water use around the home.

Appendix 1 Northam (York) Gardenwise Training Attendees List

Gardenwise Regional Seminars- Water Audit Training – Northam/Merredin
1 & 2 November 2011

Assessment Results

Waterwise Council Training Northam & Merredin - 1st & 2nd Nov 2011 -

John Colwill

	Name	Organisation	Email	Mark
1	Shane Fewster	Shire of York		20/24
2	Robert Scott	Shire of Kellerberrin	robertrosemarie@bigpond.com.au	22/24
3	Ian Kent	Shire of Kellerberrin	kenty@bigpond.com	21/24
4	Michael Sredojevic	Shire of Mukinbudin		23/24
5	Kylie Sippe	Shire of Mukinbudin	ksippe@westnet.com.au	20/24
6	Kerrie Dunn	Shire of Merredin	Digger1378@bigpond.com	23/24
7	Ian Jacobsen	Shire of Merredin		23/24
8	Rodney Robertson	Shire of Merredin		22/24
9	Daniel Berglund	Shire of Merredin		23/24
10	John McKenzie	Shire of Corrigin		23/24
11	Damon Johns	Shire of Corrigin	Rock22@westnet.com.au	24/24
12	Kyle Taylor	Shire of Wongan-Ballidu	Suprag69@hotmail.com	24/24
13	Bruce Mitchell	Shire of Wongan-Ballidu	Laurelle60@hotmail.com	20/24
14	Albert Fourie	Shire of Tammin	mybert@westnet.com.au	17/24
15	David Martin	Shire of Tammin		19/24
16	David Bird	Shire of Dowerin		23/24
17	Tom Findlay	Shire of Northam		21/24
18	Katrina Kingston	Shire of Westonia	nrm@westonia.wa.gov.au	22/24
19	Shauna Wells	Shire of Wyalkatchem	swellsyl@yahoo.com.au	24/24
20	Wendy Dallywater	Shire of Yilgarn	eho@yilgarn.wa.gov.au	24/24
WATERWISE AUDITING TRAINING				
Geoff Diver				
1	Glen Jones	Shire of York	works@york.wa.gov.au	100%

2	Tom Findlay	Shire of Northam	100%
3	Albert Fourie	Shire of Tammin	93%
4	David Martin	Shire of Tammin	67%
5	David Bird	Shire of Dowerin	73%
6	Daniel Berglund	Shire of Merredin	100%
7	Kerrie Dunn	Shire of Merredin	100%
8	Robert Scott	Shire of Kellerberrin	100%
9	Ian Kent	Shire of Kellerberrin	100%
10	Katrina Kingston	Shire of Westonia	100%
11	Wendy Dallywater	Shire of Yilgarn	100%
12	Michael Sredojevic	Shire of Mukinbudin	87%
13	Kylie Sippe	Shire of Mukinbudin	80%

	NORTHAM GARDENSWISE PD Training Day - 12 Nov 12		
1	Tamara Johnson Tel 96311030 Lisa.sinclair@education.wa.edu.au	Dowerin District High School	96%
2	Richie Roser Tel: 0896221489	Anne Woods Avonvale Primary School	
3	Christian Chadwick PH: 08 9641 1219 York Depot <Depot@york.wa.gov.au>	Leonie Kempin Shire of York - Works Depot	76%
4	Trevor Webb Tel 96811186 works@wyalkatchem.wa.gov.au	Shire of Wyalkatchem	
5	Aiden Begley Tel 96811186	Shire of Wyalkatchem	96%
6	Ben Enkelman Tel 96811186	Shire of Wyalkatchem	100%
7	Len Edwards Mob 0429772416	Gidiegannup Pmy School	
8	Peter Cornelius Tel. 96221712	West Northam Pmy School	80%
9	David Martin Tel 96371101	Shire of Tammin	96%
10	Albert Fourie Tel 96371101	Shire of Tammin	60%
11	Mrs Carol Johns Tel 9654 6035	Yerecoin Pmy School	88%
12	Ms Nicole McGuiness Tel 96287030	Calingiri Pmy School	
13	Mr Marilyn Chester Tel.96291101	Shire of Goomalling	96%
14	Mr Clinton Verner Tel. 96291101	Shire of Goomalling	92%

15	Ms Hillary Joyce Tel 95736239	Wundowie Pmy School	96%
16	Valerie Best	Shire of Northam	84%
17	Kraig Chappell	Shire of Northam	88%
18	Stephen Allen – Mgr Parks & Gardens	Shire of Northam	92%
19	Amanda Hagbcom	Dowerin District High School	100%
20	Dale Stone	Shire of Dowerin	92%
21	Gordon Watson	Goomalling Primary School	92%
22	Bevin Joy	Northam Primary School	72%
23	Georgia Cousins	Shire of Wongan - Ballidu	92%
24	Barbara Hopla	Bakers Hill Primary School	88%
25	Bruce Mitchell	Shire of Wongan – Ballidu	96%
26	Irena Biel	Shire of Wongan - Ballidu	84%
27	Doug Peat	Bakers Hill Primary School	80%

Local Action Plan prepared on behalf of the Shire/City/Town of _____

By _____

This copy reviewed and updated as at _____

Comment [n4]: Insert name

Comment [n5]: Insert Key
Contacts name and position

Comment [n6]: Insert Date