



CITY OF
MITCHAM

MITCHAM

City of Mitcham Resilient South Local Action Plan 2015/6-2018/9

**Supporting the Resilient South
Southern Region Local Government
Implementation Plan 2015/6-2018/9**

Adopted [insert endorsed date]

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1 FOREWARD

The City of Mitcham Resilient South Local Action Plan 2016-2019 (the Local Action Plan) demonstrates a commitment by Council to the Resilient South program and its objectives including to:

- improve hazard management and minimisation of risk associated with climate change
- improve emergency response capabilities relevant to climate change impacts, and
- increase the Council's understanding of climate change risks, vulnerability and adaptation responses.

Over the next four years (2015-16 to 2018-19) we will commit to implementing the Resilient South Southern Region Local Government Implementation Plan (the Regional Implementation Plan) through our own Local Action Plan. The Regional Implementation Plan features four foundation projects:

- Resilient South Equip - focuses on actions that integrate adaptation into Council's strategic plans, community plans, local asset plans and regional public health planning
- Resilient South Aware - focuses on increasing our awareness of climate impacts, risks, opportunities and vulnerabilities and tailors these messages so that they connect with the values of our target audiences
- Resilient South Cool Places - focuses on projects in our open space and public realm where Councils have most influence including our parks, streetscapes, natural landscapes and sporting hubs
- Resilient South Source to Sea - Aims to enable the region to respond to climate change impacts identified for the coast and our precious water resources. These include reduced overall rainfall, increasing evaporation, increased stormwater runoff, sea level rise and ocean acidification

2 BACKGROUND

Despite global efforts to reduce greenhouse gas emissions, impacts from climate change are inevitable. Adapting to climate change involves planning and action by individuals, communities and businesses to cope with the effects of a changing climate.

The importance of taking a long-term view to planning to meet the opportunities and challenges faced by the City of Mitcham and its residents is at the center of our Strategic Plan (2013-2022). The Resilient South initiative and this subsequent Local Action Plan will assist in achieving a number of our Strategic Plan's goals and objectives summarised in Table 1 below.

Table 1. Relevant City of Mitcham Strategic Plan (2013-2022) Goals and Objectives that are supported by this Local Action Plan.

Goal	Objective	Objective Description
Goal 2 Livable City	Objective 5 Green Streetscapes	Functional streetscapes that enhance amenity and are sensitive to the built form, landscape and local environmental conditions.
Goal 3 Inclusive and Capable Community	Objective 9 Engaged Community (we are active citizens)	People exchanging information, knowledge, ideas and experiences, and participating in their communities and public decision making.
	Objective 11 Emergency Preparedness and Resilience (we are ready for extremes)	People are informed and prepared for climatic variation and natural disasters (such as heatwave, bushfire and flood).
Goal 4 Healthy Environment	Objective 12 Biodiversity	Natural habitat protected and expanded by reconnecting vegetation corridors along waterways, linear reserves, open space and the streetscape.
Goal 5 Enterprising City	Objective 18 Strategic Projects and Infrastructure.	Strategic land use and infrastructure projects are planned collaboratively with neighboring Councils, State Government and through private sector partnerships.

Resilient South is a joint initiative with the Cities of Mitcham, Onkaparinga, Holdfast Bay and Marion. The program has the additional benefits of aligning with the objectives of our regional public health plan and the Zone Emergency Management Plan.

There are 12 South Australian planning regions that are developing an adaptation plan and common issues and themes are emerging. So far five Regional plans have been completed and the remaining regions have committed to completing their plans by the end of 2016. State and local governments, the community, business and industry all have a responsibility in implementing the adaptation plans.

The first stage of Resilient South is complete and saw the development of the Resilient South Regional Climate Change Adaptation Plan adopted by the four partner Councils in August 2014 (Resilient South, 2014). The Adaptation Plan identifies the key climate impacts for southern Adelaide including a longer and more intense bushfire season, reduced rainfall,

more intense rainfall events, hotter average temperatures, and more frequent and intense heatwaves.

The City of Mitcham has been working regionally with the other three partner Councils to identify which adaptation actions are a priority for local government. This has been an important step in implementing the Adaptation Plan. The 23 strategic actions identified through this process now form four foundation projects to be implemented over the next four years through the Resilient South Southern Region Local Government Implementation Plan (Resilient South, 2015). This Regional Implementation Plan will be implemented by each of the partner Councils through their own Local Action Plan. This approach allows each Council to align the Local Action Plan with its own priorities and resources.

The diagram below illustrates the relationship between the three levels of adaptation planning in the Resilient South program.



Resilient South has been nationally recognised for its outstanding work in the adaptation field with an award from the National Climate Change Adaptation Research Facility (NCCARF) in October 2014. In November 2015, it received a Commendation from the Planning Institute of Australia (SA). The Institute commended the program's engagement processes and said that "the project stands out for its understanding that the values, decisions and behaviors of individuals is critical to achieving meaningful climate change action."

2.1 Partnerships

Resilient South received federal and state government funding to develop the Adaptation Plan. It is now negotiating with the State Government on renewing its Sector Agreement to assist with implementation. The recently released state Climate Change Strategy re-committed to the use of sector agreements to partner with key stakeholders.

2.1.1 Urban Heat Island Mapping

The South Australian Government has provided Resilient South with a \$25,000 grant to undertake urban heat island mapping for its Cool Places foundation project. The first stage of the mapping has been conducted by the Flinders University of South Australia. This data has provided broad scale mapping of the region's 'hot spots' and shows that parts of Mitcham

are some of the hottest in the region. Heat is a threat to vulnerable citizens such as the elderly and frail. Further higher resolution mapping is planned and collectively these maps can be used to identify priority areas for future tree plantings and water sensitive urban design – both known tools in mitigating urban heat.

2.1.2 Science to Solutions program

Another partnership has been formed between Resilient South and the Science to Solutions program (a partnership between the Local Government Association of South Australia and the Department of Environment, Water and Natural Resources). This partnership recognises the leadership shown by each of the partner Councils in implementing the Adaptation Plan. The program will share the challenges and barriers that Resilient South has experienced so far. The agreement will also see new research completed on the potential for a regional funding mechanism for implementing climate change adaptation. In 2016, Science to Solutions will offer Elected Members a series of briefings on considering climate change impacts in the risk management of council functions and services.

2.1.3 National Climate Change Adaptation Research Facility (NCCARF)

The National Climate Change Adaptation Research Facility (NCCARF) is funded by the Australian government to harness and coordinate the capabilities of Australia's researchers, to generate and communicate the knowledge decision-makers need for successful adaptation to climate change. Since winning an NCCARF award in 2014, council representatives from Resilient South have been invited to work with NCCARF to achieve its objectives. This has included the development of communication materials relating to bushfire, flooding, heatwaves and coastal protection. In addition, a Resilient South representative has attended workshops to contribute to the development of a tool to assist local government with coastal protection.

This partnership will assist in increasing the capacity of the Resilient South Councils to adapt to climate change.

2.2 Methodology

Resilient South is now in its implementation phase and the Southern Region Local Government Implementation Plan (the Regional Implementation Plan) focuses on those areas where local government can exert the most influence in strengthening our communities against the likely impacts of climate change.

The role of local government was one of the criteria used to prioritise 23 adaptation actions from the 57 identified in the Adaptation Plan. These criteria were tested with our Program Champions during three regional workshops.

The four year Regional Implementation Plan (2015-16 to 2018-19) presents these priority actions as four foundation projects: Equip, Aware, Cool Places, and Source to Sea. The projects will enable Councils to work regionally with our partners to increase the resilience of the region.

In addition, each Council has or is in the process of developing a Local Action Plan. The four local action plans identify specific activities that will allow partner Councils to pursue foundation project outcomes in their own locally relevant way.

The City of Mitcham Local Action Plan (2016 – 2019) has been developed in close consultation with key Council staff and management.

3 PLAN DELIVERY

3.1 Councils Role

The City of Mitcham is well positioned to respond to the impacts of climate change by maximising its ability to build new partnerships and further strengthen those that already exist with relevant stakeholders. Partnerships and collaboration across the community will be central to any success that is able to be achieved within the Resilient South Local Action Plan 2015/6-2018/9. To help achieve the desired outcome of the Resilient South Local Action Plan 2015/6-2018/9, a clear appreciation and understanding of the role that the City of Mitcham will commit to undertake is crucial. Within the context of the Resilient South Local Action Plan 2015/6-2018/9, Council will commit to:

- **Partner** - Council will contribute funds and/or resources towards the delivery of a service or initiative.
- **Facilitate** - Council will lead or participate in the process of bringing stakeholders together.
- **Advocate** – Council will lobby State and Federal government in support of climate change adaptation outcomes.
- **Deliver** - Council will directly deliver the service or initiative.

3.2 Funding

The City of Mitcham Resilient South Local Action Plan 2015/6-2018/9 is funded through existing budgets and is subject to the annual budget process. Achieving the key actions detailed in this Local Action Plan requires maintaining existing services and programs and introducing new initiatives to respond to climate change threats, opportunities and issues.

The delivery of the Resilient South Local Action Plan 2015/6-2018/9, programs and initiatives are all subject to funding and human capital availability. Indicators that will measure the success of each foundation project will be in line with the Resilient South Implementation Plan 2015-2019 (Resilient South, 2016), summarised below:

- Evidence of improved management of hazards and risk associated with climate change impacts
- An improved emergency response capability relevant to climate change impacts
- An increase in the Council's understanding of climate change risks, vulnerability and adaptation responses
- Evidence of a more knowledgeable and resilient community in relation to weather extremes
- Demonstrated use of the Action Plan
- Compliance with the Councils Strategic Plan

3.1 Resilient South - Equip

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
<p>3.1.1 Review of design specifications for storm water infrastructure completed (buildings and drainage systems) to cope with higher capacity rainfall events.</p>	<p><u>Facilitate</u> Review of Council owned building facilities and storm water infrastructure design specifications so they can withstand higher capacity rainfall events.</p> <p><u>Who</u> Manager Property & Contracts / Stormwater Engineer</p>	<p>2016-2019</p>	<p>A review of design specifications for storm water infrastructure completed as part of Storm Water Strategy development (buildings and drainage systems) to cope with higher capacity rainfall events</p>	<p>See budget specified under "source to Sea' below.</p>	<p>See budget specified under "source to Sea' below</p>
<p>3.1.2 Switch to more sustainable and resilient infrastructure/ material options.</p>	<p><u>Deliver & Facilitate</u> Identification and trial sustainable and resilient options such as permeable paving and materials that are more resilient and update procurement</p>	<p>As required</p> <p>Review undertaken each time Council facility requires upgrade/alteration</p>	<p>Numbers of Council projects that have utilised resilient infrastructure/ material options</p>	<p>Time spent by existing City of Mitcham Staff.</p> <p>See below WSUD budget listed under Cool Places.</p>	<p>\$0</p>

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	<p>policies.</p> <p>Who Project Officer Natural Environments /Property Officer</p>				
<p>3.1.3 Provide capacity to include adaptation actions within Councils Strategic Plans, procedures and operations.</p>	<p>Facilitate Identify Council Plans and Strategies and ensure adaptation to climate change actions are incorporated.</p> <p>Who Project Officer Natural Environments</p>	<p>As required</p>	<p>Numbers of reviews of Council Strategic Plans, procedures and operations to consider adaptation actions to climate change risks</p>	<p>Time spent by existing City of Mitcham Staff.</p>	<p>\$0</p>
<p>3.1.4 Continue to contribute to the Southern Adelaide Zone Emergency Management Plan (ZEMP).</p>	<p>Deliver & Facilitate Attend zone management meetings and provide support with the aim of completing the ZEMP by December 2016.</p>	<p>December 2016</p>	<p>Number attendances at the zone management meetings</p>	<p>Time spent by existing City of Mitcham Staff.</p>	<p>\$0</p>

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	Who TBC				
3.1.5 Develop Mitcham's Emergency Management Plan incorporating risks such as heat waves, floods, bushfire.	Facilitate Use urban heat mapping tool outputs to assist in updating Mitcham's Emergency Management Plan Who Project Officer Natural Environments.	December 2016	A review completed on City of Mitcham's Emergency Management Plan	Time spent by existing City of Mitcham Staff.	\$0
3.1.6 Review Mitcham's 'Living Well – Regional Plan for Health and Wellbeing for the Cities of Unley and Mitcham' incorporating risks such as heat waves, floods, bushfire.	Facilitate Undertake analysis on impacts from climate change that may impact on health and wellbeing and incorporate into next review of Living Well – Regional Plan for Health and Wellbeing for the Cities of Unley and Mitcham'.	December 2016	A review completed on the 'Living Well – Regional Plan for Health and Wellbeing for the Cities of Unley and Mitcham'	Time spent by existing City of Mitcham Staff.	\$0

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	<p>Who Health Officer / Project Officer Natural Environments</p>				
<p>3.1.7 Utilise the Resilient South maps tool in risk management and planning processes. Resilient South online maps includes data from local government (including City of Mitcham), state government, and research institutions. It can be used to identify risks to council functions and services and residents.</p>	<p>Facilitate Run an internal workshop and agree how the tool can be incorporated into planning and risk management.</p> <p>Who Project Officer Natural Environments / Risk Management Officer / Planning Department Engineering and Horticulture Department</p>	2016-19 (4 Years)	Link to online tool on City of Mitcham Website and small targeted workshop completed with key stakeholders showcasing the tool and discussion of applications	\$1700	\$5000
<p>3.1.8 Increase Elected Member knowledge on climate change and how it incorporates into local government decision making.</p>	<p>Facilitate Utilise the LGA Elected Member training program.</p>	2016	Training of City of Mitcham Elected Members completed	There will be a cost to attend – TBC by LGA	\$40, 000

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	<p>Who Facilitate with the LGA</p>				
<p>3.1.9 Increase Senior Management knowledge on climate change and how it incorporates into local government decision making.</p>	<p><u>Deliver & Facilitate</u> Utilise the LGA Senior Management training program.</p> <p>Who Facilitate with the LGA</p>	2017	Training of City of Mitcham Senior Management completed	There will be a cost to attend – TBC by LGA	\$45,000
<p>3.1.10 Continued participation in the Resilient South Program.</p>	<p><u>Partner, Deliver & Facilitate</u> Maintain the co-operative approach to Resilient South Program with partner councils by establishment of an agreed implementation framework and centres of excellence in each Council.</p> <p>Who Project Officer Natural Environments</p>	Funded for 2014/15, review each year.	Attendance at Resilient South Meetings	Time spent by existing City of Mitcham Staff.	\$0

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
				\$1, 700	\$85, 000

3.2 Resilient South – Aware

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
<p>3.2.1 Improve the preparedness of residents, volunteers, schools in the Mitcham area to build resilience in the event of, and following an emergency.</p>	<p><u>Partner & Deliver</u> Partner with the Australian Red Cross on Emergency REDIPlan Community Education Program.</p> <p><u>Who</u> Manager Community Development</p>	2015-2017	Provision of final report and completion of project milestones	\$12,000	\$0
<p>3.2.2 Improve the preparedness of residents, schools in the Mitcham area to flood storms and heat stress.</p>	<p><u>Partner, Facilitate & Deliver</u> Investigate a partnership with the South Australian State Emergency Service (SES) to roll</p>	2015-2016	Recommendations to Executive Leadership Group on whether to proceed with community engagement	TBC	\$0

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	<p><u>Deliver & Facilitate</u> Quarterly update on Council's social media pages.</p> <p><u>Who</u> Project Officer Natural Environments /Manager Environment Health & Compliance/ Communication & Marketing Officer</p>		Quarterly update on Council's social media pages	Staff	Government
3.3.5 Increase resilience for the Hills community regarding the increase in threat of bushfire due to factors associated with climate change.	<p><u>Deliver & Facilitate</u> Provide education through Mitcham Community News Article.</p> <p><u>Who</u> Communication & Marketing Officer / Bushfire Prevention Officer.</p>	Annually	Numbers of articles published in Mitcham Community News that promote Resilient South	Time spent by existing City of Mitcham Staff.	\$0

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	<p><u>Deliver & Facilitate</u> Maintain the 'Bushfire Preparation Project' for vulnerable members of the community.</p> <p><u>Who</u> Bushfire Prevention Officer / Manager Community Wellbeing</p>	Annually	Bushfire Preparation Project Report and numbers of community engagement events		
<p>3.3.6 Increase awareness about bushfire refuge centres.</p>	<p><u>Facilitate & Deliver</u> Promote the refuge centres through local media, Mitcham Community News article and social media</p> <p><u>Who</u> Business Partner, Marketing & Communication</p>	2016	Numbers of times refuge centers were opened per year and uptake by residents	Time spent by existing City of Mitcham Staff.	\$0

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
<p>3.3.7 Investigate opportunities to work with State Government on managing bushfire risk.</p>	<p><u>Partner/ Facilitate & Deliver</u></p> <p>The new state Climate Change Strategy includes a number of actions relating to bushfire management including community workshops. Councils role will be to evaluate these opportunities and promote them to the City of Mitcham residents.</p> <p><u>Who</u> Bushfire Prevention Officer / Project Officer Natural Environments</p>	<p>As required (2016-2017)</p>	<p>Number of State Government Bushfire Management workshops that City of Mitcham evaluates and participates in.</p>	<p>Time spent by existing City of Mitcham Staff.</p>	<p>\$0</p>
<p>3.3.8 Increase knowledge of climate change impacts and resilience for vulnerable communities including ageing and frail residents.</p>	<p><u>Deliver & Facilitate</u></p> <p>Hold a Resilient South workshop at Blackwood Community Centre targeted to elderly members of the community.</p>	<p>Annually</p>	<p>Completion of a workshop.</p>	<p>Time spent by existing City of Mitcham Staff.</p>	<p>\$0</p>

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	<u>Who</u> Project Officer Natural Environments / Manager Community Wellbeing				
Budget Allocated as Part of existing Council Initiatives and Programs				\$12,000	\$0

3.3 Resilient South - Cool Places

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
<p>3.3.1 Increase Water Saving opportunities throughout the City by utilising Water Sensitive Urban Design (WSUD) elements and Urban Heat Island Mapping.</p>	<p><u>Partner and Deliver</u> Using an opportunistic methodology and considering urban heat island mapping hotspots install WSUD elements where the need for new road infrastructure has already been identified.</p> <p><u>Who</u> Arboricultural Officer / Principal Engineer, Storm water / Technical Officer Program Delivery (Roads)</p>	<p>2015/16 -2019</p>	<p>Number of WSUD projects in identified heat islands.</p>	<p>\$70000</p>	<p>\$70000</p>
<p>3.3.2 Inform Council of the outcomes of the Resilient South Urban heat island mapping and seek its direction on mitigating heat to reduce the impact of vulnerable communities</p>	<p><u>Partner & Deliver</u> Develop a City of Mitcham Tree Strategy, WSUD Strategy and a 'Water for Mitcham project'.</p>	<p>2016</p>	<p>Delivery of a Tree Strategy, WSUD strategy and completion of a 'Water for Mitcham project'.</p>	<p>Time spent by existing City of Mitcham Staff</p>	<p>\$25000</p>

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
(E.G.. individuals over 65 years)	<p>Who Project Officer Natural Environments / Arboricultural Officer</p>				
<p>3.3.3 Build Council sport and recreation facilities so they can withstand hotter temperatures and more frequent heat waves.</p>	<p>Facilitate Integrate policy for climate sensitive outdoor infrastructure into the sport and recreation strategy for ovals, tennis courts, sport and recreation centres.</p> <p>Increase awareness in sporting clubs about the timing of events to avoid hot times of the day.</p> <p>Who Sport & Recreation Officer / Project Officer Natural Environments</p>	2018	<p>Number of sport and recreation facilities and centres with climate sensitive features.</p> <p>Numbers of articles published in Mitcham increasing awareness in sporting clubs about the timing of events to avoid extremely hot days and hot times of the day.</p>	Time spent by existing City of Mitcham Staff	\$0

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
<p>3.3.4 Review existing irrigation IPOS Operational Management Tools and Decision Making frameworks considering hotspots and urban heat impact mapping.</p>	<p><u>Facilitate</u> Review greening of Mitcham of open spaces, through WSUD options and Water for Mitcham opportunities.</p> <p><u>Who</u> Horticultural Officer / Project Officer Natural Environments</p>	2017	An opportunities review completed	Time spent by existing City of Mitcham Staff	\$0
<p>3.3.5 Utilise the Urban Tree Fund to replant trees across the City of Mitcham to increase shade with particular focus on urban heat islands.</p>	<p><u>Partner & Deliver</u> Draft and submit a funding bid applying for 'urban tree funds' linked to the SA Development Act.</p> <p><u>Who</u> Arboricultural Officer</p>	2016-2017	Funding bid drafted and submitted	Time spent by existing City of Mitcham Staff	\$0
<p>3.3.6 Continue to provide drinking water for residents whilst they enjoy local parks and ovals.</p>	<p><u>Partner & Deliver</u> Drinking Water Fountain roll out program across the city's parks and reserves.</p>	2015/16 Hannaford Park Reserve & Kent Street Reserve	Number of drinking fountains installed	Time spent by existing City of Mitcham Staff	\$10000

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
	<u>Who</u> Engineering and Horticulture				
Budget Allocated as Part of existing Council Initiatives and Programs				\$70, 000	\$96,000

3.4 Resilient South - Source to Sea

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
3.4.1 Build resilient storm water systems that are able to cope with more intense and more frequent rainfall incidents.	<u>Partner, Facilitate and Deliver</u> Complete the storm water master plan project including modelling the system for flows and water quality. <u>Who</u> Principal Engineer, Storm Water	2016 - 2019	Completion of Water Master Plan which includes modelling	\$40000	\$350000

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
<p>3.4.2 Reduce storm water run-off in times of extreme rainfall incidents and increase groundwater recharge.</p>	<p><u>Partner and Deliver</u></p> <p>Investigate opportunities for permeable pavers to be laid where new and replacement footpath infrastructure is required.</p> <p><u>Who</u> Principal Engineer, Storm Water / Arboricultural Officer</p>	<p>2016-2019</p>	<p>Area of WSUD infrastructure installed</p>	<p>\$250000</p>	<p>\$250000</p>
<p>3.4.3 Save water and reduce pollutants to coastal outfalls by increasing storm water capture for self-watering gardens.</p>	<p><u>Partner and Deliver</u></p> <p>Develop rain gardens throughout the City for capturing storm water.</p> <p><u>Who</u> Arboricultural Officer / Principal Engineer, Storm Water / Technical Officer Program Delivery (Roads)</p>	<p>2016-2019</p>	<p>Area of WSUD infrastructure installed</p>	<p>Refer to previous WSUD actions under Cool Places above</p>	<p>Refer to previous WSUD actions under Cool Places above</p>

ACTION	COUNCIL'S ROLE	TIMEFRAME	OUTCOME MEASURE	EXISTING OPERATIONAL BUDGET	EXTERNAL FUNDING (GRANTS)
<p>3.4.2. Build community knowledge around water conservation and smart ways to reduce water usage and save money.</p>	<p>Facilitate and Deliver</p> <p>Provide tools and initiatives for the community to promote water saving practices.</p> <p>Who Project Officer Natural Environments / Communication & Marketing Officer</p>	<p>2016-2019</p>	<p>Review of City of Mitcham Website and numbers of tool kits given to residents</p>	<p>Time spent by existing City of Mitcham Staff.</p>	<p>\$0</p>
<p>Budget Allocated as Part of existing Council Initiatives and Programs</p>				<p>\$290, 000</p>	<p>\$60, 000</p>

4 FUTURE DELIVERY

The Local Action Plan and the Resilient South Southern Region Local Government Implementation Plan will be rolled out over the next four years. The ambition is to build a resilient community able to cope with predicted climatic changes that have implications for council functions and services.

The Cities of Mitcham, Holdfast Bay, Onkaparinga and Marion will continue to work closely together to maximise funding opportunities and advocate on common issues.

Funding agreements will continue to be sought between Resilient South and state and federal government agencies, as well as the private sector and educational institutions.

REFERENCES

Resilient South (2014) Regional Climate Change Adaptation Plan, prepared by URPS and Seed Consulting Services as part of the Resilient South consultancy led by URPS, for the Cities of Onkaparinga, Holdfast Bay, Marion and Mitcham in association with the Government of South Australia and the Australian Government.

Resilient South (2015) Southern Region Local Government Implementation Plan, prepared by the Cities of Onkaparinga, Holdfast Bay, Marion and Mitcham.