



Wagait Shire Action Plan for Climate Change

<p>Risks Identified - Major (high)</p> <p>Assets and Infrastructure: Loss of sealed and unsealed road access</p> <p>Emergency management and extreme climactic events: damage from cyclones; significant flooding and storm surge</p> <p>Public Health: Heat related illness/Aged population very susceptible</p> <p>Assets and Infrastructure: Loss of power and water supply; damage to the jetty; and damaged housing</p>	<p>Risks Identified - Minor (medium-low)</p> <p>Emergency management and extreme climactic events: damage from bushfires</p> <p>Public Health: Mosquito and vector borne disease</p> <p>Natural Environment and Culture: Salt-water intrusion into freshwater water ways and billabongs</p>
<p>Local Stakeholders: Wagait Shire Council; LGANT; Wagait Shire Emergency Management Committee; Wagait Beach community residents</p>	
<p>Related Authorities/Agencies: Department of Environment and Natural Resources (DENR), Department Local Government (DLGHCD), Department Infrastructure and Planning (DIPL), Crown Lands Estate Office, Power Water Corporation; NTRM; Environment centre; Topend Coasts, and Land Care/Coast Care</p>	
<p>Related Information Sources:</p> <ul style="list-style-type: none"> • <i>Climate Change Risk Assessment and Adaption Planning Report</i> (2010 LGANT Report) http://wagait.nt.gov.au/publications-2/ • Australian Government Climate Change Council https://www.climatecouncil.org.au/category/climate-impacts/ • NT Government <i>Climate Change Response Towards 2050</i> (2020 NTG Action Plan) https://denr.nt.gov.au/programs-and-strategies/climate-change-response-towards-2050 	

Goal: To ensure Wagait Shire prepares, responds and recovers and adapts to issues arising from climate change within the local area

Objective 1: Review the risks identified in the 2010 LGANT report for Wagait Beach community

Action Area	Action Items	Responsible	Timing	Outcomes
Develop small working group to assist review of 2010 LGANT report and re affirm risks and adaption practices	<ul style="list-style-type: none"> • Council endorsement • Seek funding to engage consultant to undertake scientific data collection to update 2010 LGANT report 	CEO	Commence asap	Risks and recommendations are confirmed and updated
Review Council strategic and annual plans to incorporate climate change	<ul style="list-style-type: none"> • Amend Council plans 	CEO	Following	Council plan include climate change considerations

Objective 2: Seek to establish a resident based (voluntary) group to champion the issues

Action Area	Action Items	Responsible	Timing	Outcomes
Establish climate change/coast care group of concerned residents	<ul style="list-style-type: none"> • Engage with DENR/CLO and other Ngo groups to identify assistance available • Discuss with Top end coasts what support may be available • Advertise /conduct public meeting 	CEO	Commenced asap	Community group established Relevant contacts made

Objective 3: Develop and deliver community education and awareness to build community resilience

Action Area	Action Items	Responsible	Timing	Outcomes
Develop locally appropriate community information and communications collateral	<ul style="list-style-type: none"> • WSEMC agenda item • Seek funds to develop communications collateral and update website 	CEO	ASAP	Community is educated and prepared
Build community awareness	<ul style="list-style-type: none"> • Correspond with residents directly affected by sea rise and surge risks • Publish the 2014 surge map on council web site • Publish RUA information on Council web site and in e-news • Develop a welcome brochure for new residents 	CEO	Oct 2020	Residents are aware of current issues and guidelines

Objective 4: Incorporate heat wave related illness into education provided by health service

Action Area	Action Items	Responsible	Timing	Outcomes
Health and aged services	<ul style="list-style-type: none"> • Discuss with Belyuen clinic staff • Discuss with aged care service provider • Identify older residents who may be at risk in high temperature events • Put on WSEMC agenda 	CEO	As required	Older vulnerable residents safe

Objective 5: Understand in all procurement practices the requirements for adaption due to climate change

Action Area	Action Items	Responsible	Timing	Outcomes
Include climate change adaptation in purchasing policy	<ul style="list-style-type: none"> Review and amend 	CEO/Council	As required	Safe work practice
Councils safety and risk policy be reviewed to include identified climate risks	<ul style="list-style-type: none"> Review and amend 	CEO/Council	As required	Ensure community needs are safely met

Objective 6: Include climate change considerations in the upgrade, design and development of key community infrastructure

Action Area	Action Items	Responsible	Timing	Outcomes
Road surfaces	<ul style="list-style-type: none"> Cox Drive floodway design Green waste track Review previous roads assessment undertaken (2019) 	CEO	ASAP	Community Infrastructure and facilities future proofed
Estate drainage network	<ul style="list-style-type: none"> Council audit with assistance from community Desilt drains and remove vegetation (contractors engaged as required) Engage with road specialist eg Ostojic or Kings to develop drainage remediation master-plan Seek assistance to undertake drainage study for the subdivision in particular the outlets on to the coastal foreshore Identify possible funding sources for enclosing Wagait Tower Road drain 	CEO	ASAP Nov 2020	Priority areas are re-affirmed Planning undertaken Funding sourced Drainage issues remediated

Cyclone shelters	<ul style="list-style-type: none"> • Review and update Cyclone Management information • Review community population and shelter capacity • Seek funding for additional shelters 			Emergency networks confirmed Community facilities are upgraded Community is prepared
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Objective 7: Ensure the power and water supply for residents will not be affected by the impacts of climate change

Action Area	Action Items	Responsible	Timing	Outcomes
Commence a dialogue with PWC regarding the location and vulnerability of key infrastructure	<ul style="list-style-type: none"> • Substation near jetty • Water tanks alongside creek 	CEO		

Objective 8: Sea level rise and increased storm surge impacts are understood and mitigated

Action Area	Action Items	Responsible	Timing	Outcomes
Participate in the Coastal beach clean-up 28 September 2020	<ul style="list-style-type: none"> • Engage with Larrakia Rangers • Council staff preparations • E-news and FB to residents 	CEO/Community Group		Beach cleaned
Coast Care week 7-13 December 2020	<ul style="list-style-type: none"> • Engage with DENR regarding possible activities for Wagait Beach 	Community Group		Attention on coastal issues
RUA protection	<ul style="list-style-type: none"> • Work with DIPL and CLO to develop strategies to protect the RUA • E-news and letter to residents 	CEO/Community Group	Ongoing	RUA
Coastal review (coastal and marine strategy actions)	<ul style="list-style-type: none"> • Engage with DENR to negotiate for coastal spatial mapping of the Cox Peninsula 	CEO/Community Group		

	<ul style="list-style-type: none"> Engage with Water resources to identify water flows and possible salt-water intrusion concerns (bores) 			
Ensure coastal habitat and fauna is protected and enhanced	<ul style="list-style-type: none"> Engage with DENR to obtain survey data from Conservation commission on turtle breeding sites to be protected Engage with DENR/DIPL/Crown Lands Office to seek approval to establish a weed control program and re-forestation program for the RUA Seek approval to repair or decommission coastal access points Seek to identify means of minimising vehicular access across the dunes and on the beach 	CEO/Community Group		<p>Turtle breeding sites protected</p> <p>Fire risk on RUA mitigated</p> <p>Dunes stabilised with local trees</p> <p>Damage to the dunes minimised</p>

Document Version control: Issue, Review and Amendment

Version	Date	Origin	Description	Check	Approval instrument
Draft 1	04/08/2020	C Tyzack	First draft	CEO	
Draft 2	09/09/2020	CEO	Second draft	CT	
Final	15/09/2020	WSEMC	Final draft	WSC	Resolution 2020/150
Revised					