

AGENDA
ENVIRONMENT ADVISORY COMMITTEE
ALICE SPRINGS TOWN COUNCIL
4:30PM, TUESDAY 6 APRIL 2021
COUNCIL CHAMBER - 93 TODD STREET, ALICE SPRINGS

1. WELCOME, ATTENDANCE & APOLOGIES
2. DISCLOSURE OF INTEREST
3. CORRESPONDENCE
 - 3.1. [Dr Kate Stevens - Resignation from EAC](#)
 - 3.2. [Dr Judith Lovell - Resignation from EAC](#)
4. UPDATES FROM THE CHAIR
 - 4.1. Updates from the Environment Officer
 - [EAC Expression of Interest](#)
 - [EAC Terms Of Reference](#)
5. MINUTES OF PREVIOUS MEETING
 - 5.1. [Unconfirmed Minutes of the previous meeting held 1 February 2021](#)
 - 5.2. Business Arising from the Previous Minutes
6. DEPUTATION - NIL
7. LAND
 - 7.1. [Community Garden - Alex Vaughan](#)
 - 7.2. [Feral Animals - Environment Officer](#)
 - 7.3. [Weed Management - Rod Cramer](#)
8. TRANSPORT - NIL
9. ENERGY
 - 9.1. [Solar - Environment Officer](#)
10. WATER - NIL
11. WASTE & RECYCLING
 - 11.1. [Regional Waste Management Facility - Manager RWMF](#)
 - 11.2. [Recycling Initiatives - Environment Officer](#)
12. CLIMATE CHANGE STRATEGY
 - 12.1. [Climate Action Plan - Update of Actions - Environment Officer](#)
13. OTHER BUSINESS
14. NEXT MEETING

Tuesday, 7 June 2021 at 4:30pm
Council Chamber - 93 Todd Street, Alice Springs

Seeking Expressions of Interest



Environment Advisory Committee

Alice Springs Town Council invites Expressions of Interest (EOI) for new members to join its Environment Advisory Committee (EAC):

- one (1) youth member
- three (3) general members
- four (4) community organisations

This committee assists Council by providing strategic advice relating to environmental and sustainability matters in Alice Springs, and includes representatives from Council, government, business, organisations and the local community.

EAC Committee meetings are held at 4.30pm, first Monday of every second month.

EOIs to be submitted by 5pm, Friday 2 April 2021 to astc@astc.nt.gov.au

For further information about the EAC Committee and to obtain an EOI form, please contact the Manager Technical Services on 8950 0574 or email astc@astc.nt.gov.au

Robert Jennings
Chief Executive Officer

8950 0500

alicesprings.nt.gov.au



TERMS OF REFERENCE

Environment Advisory Committee

Committee Type

Advisory Committee

Purpose

To provide strategic advice to and make formal representation to Council in matters relating to the environmental related issued, policies and strategies in the municipality of Alice Springs

Function

The responsibilities of the Committee are to:

- Provide advice regarding priorities, strategies, initiatives and issues affecting the environmental sustainability of Alice Springs within the remit of Council.
- Provide advice to Council on current and emerging environmental issues and guidance on research and investigation needs.
- Identify campaigns to engage and educate the community on environmental and sustainability issues that impact Alice Springs and on best practice mitigating conservation strategies and practices.
- Ensure Council initiatives are in line with the strategic goals of Council.
- Provide advice on waste management, water conservation, recycling, climate impacts and renewable energy.
- Provide input on local building design guidelines to promote environmentally sustainable design including materials selection, minimisation of energy and water consumption and increased recycling.

Powers of the Committee

The Committee provides advice and makes recommendations to Council.

Membership

There shall be a maximum of twelve (12) members of the Committee (each having one vote) comprising of:

- Three (3) Elected Members,
- One (1) Youth representative,
- Three (3) General Members of the Community,
- One (1) representative on behalf of NT Government (determined by a nomination from the Department of Chief Minister and Cabinet), and
- Four (4) community organisations.

Terms of Office

- (a) A member of the Committee who is an Elected Member holds office for one (1) year from the date of appointment and a member of the Committee who is not an Elected Member holds office for two (2) years from the date of appointment.
- (b) However, a member may resign at any time within that period by giving written notice to Council's Chief Executive Officer.
- (c) Where a member who is an Elected Member ceases for any reason to be an Elected Member, the Elected Member also ceases to be a member of the Committee.
- (d) Council may terminate the appointment of a member should the member be absent from at least three (3) consecutive meetings of the Committee without apology.
- (e) Where a member who is an Elected Member ceases for any reason to be a member of the Committee, Council may fill the casual vacancy so caused with another Elected Member.
- (f) Where a member who is not an Elected Member ceases for any reason to be a member of the Committee, Council may fill casual vacancy so caused from the Community/General Public.

Chair

The position of Chair is to be held by a nominated Elected Member as determined at the August Ordinary Council Representative Elections to Committees each year.

Quorum requirements

A quorum is achieved by:

- a) Attendance by an Elected Member;
- b) Attendance by the Director Technical Services or Manager Technical Services; and
- c) Attendance by over 50% of the appointed voting members (including the Elected Members).

Meeting Frequency

The committee will meet 6 times per year.

Applicable Legislation, Council Policies and/or Guidelines

Local Government Act
Northern Territory Environment Protection Authority Act
Waste Management and Pollution Control Act
Alice Springs Town Council Strategic Plan 2018-2021

Responsible Officer

Manager Technical Services

Reporting to

Ordinary Council

<i>Adopted by Council - Date</i>	Tuesday, 9 February 2021	<i>Resolution #</i>	21427
<i>Document Owner</i>	Director Technical Services	<i>Controller</i>	Governance Unit

MINUTES OF THE ENVIRONMENT ADVISORY COMMITTEE HELD MONDAY 1 FEBRUARY 2021 IN THE COUNCIL CHAMBER, 93 TODD STREET

PRESENT Mayor Damien Ryan
 Councillor Marli Banks (arrived 4:39pm)
 Councillor Eli Melky (Chairperson)
 Councillor Catherine Satour
 Mr Rod Cramer - General Member
 Mr Martin O'Neill - Power Water
 Ms Tierneigh Parnell - Youth Member
 Mr Peter Somerville - Dept. Infrastructure, Planning and Logistics
 Mr Alex Vaughan - Arid Lands Environment Centre

OFFICERS IN ATTENDANCE

Mr Takudzwa Charlie - Acting Director Technical Services
 Mr Oliver Eclipse - Manager Regional Waste Management Facility
 Ms Stephanie Dominguez - Executive Assistant (Minutes)

13 th Alice Springs Town Council Environment Advisory Committee Attendance List 2020/2021						
	5 Oct 2020	30 Nov 2020	1 Feb 2021	6 Apr 2021	7 Jun 2021	TBC
Mayor Damien Ryan	✓	✓	✓			
Councillor Marli Banks	✓	✓	✓			
Councillor Eli Melky	✓	✓	✓			
Councillor Catherine Satour	✓	✓	✓			
Rod Cramer	✓	✓	✓			
John Gaynor	✓	✓	A			
Kate Stevens	A	✓	A			
Judith Lovell	✓	A	--			
Martin O'Neill	A	✓	✓			
Tierneigh Parnell	✓	--	✓			
Peter Somerville	A	✓	✓			
Alex Vaughan	✓	✓	✓			

✓ Attended

✓ proxy Proxy attended in place of committee member

A Apology received

-- No attendance and no apology recorded

Not a member of the Committee at this time

The meeting opened at 4:30 pm with a quorum.

EAC 01.02.2021

5.1

1. APOLOGIES

Dr Kate Stevens - Land for Wildlife
Mr John Gaynor - Department of Environment, Parks and Water Security
Mr Robert Jennings - Chief Executive Officer
Mr Scott Allen - Director Technical Services
Ms Charlotte Klempin - Environment Officer

2. DISCLOSURE OF INTEREST

Nil

3. CORRESPONDENCE

Nil

4. UPDATES FROM THE CHAIR

Nil

5. MINUTES OF PREVIOUS MEETING

5.1 Unconfirmed Minutes of the Previous Meeting held 30 November 2020

RESOLVED:

That the minutes from the Environment Advisory Committee meeting held 30 November 2020 be confirmed with the following amendments as a true and correct record of the proceedings.

Moved: Councillor Satour

Seconded: Rod Cramer

CARRIED

Section 8.1 of the Minutes will be amended to read:

8.1. Department of Environment, Parks and Water Security (DEPWS) Report Mr John Gaynor, Regional Director Southern Region

The Committee received a verbal Department Environment, Parks and Water Security (DEPWS) report from John Gaynor:

John noted that following an assessment of active erosion areas in the Todd River, an issue was raised about active erosion occurring at the confluence of Gosse Street drain and the Todd River. The LM Management Strategy Management Committee made a request to the Parks Advisory Committee for Council to consider installing more bollards to control vehicle traffic at that part of the river.

John also advised, there has been some work done on identifying the priority areas for mitigating active erosion, the location at Gosse Street and Sturt Terrace was one of them, the second is on the Southern side of the Stott Street Bridge, and the third is the Tunks Road causeway particularly on the Western side of the Tunks Road causeway. John advised DPIL and ASTC would work together to ascertain the nature and extent of work required to remediate existing, and mitigate future erosion in these locations.

John reported that Aboriginal Areas Protection Authority (AAPA) had declared the entire area of the Todd River between the Gap and 300m North of Schwartz Crescent as a registered sacred site. He advised that Lhere Mparntwe Management Committee hoped to obtain an over-arching AAPA Certificate to complete the mitigation work for the areas of active erosion highlighted in the LM Management Strategy.

John advised he would provide any information on the consultation process for the Northern Territory Government Waste Reduction Strategy, when it comes to hand.

John noted according to the Alice Springs Town Basin Water Availability Report, there had been no change in regard to the level of groundwater in the Town Basin.

EAC 01.02.2021

The Chair asked for John's report to be in writing for the next meeting.

Action:

All members reports to the Environment Advisory Committee to be made in writing for future meetings to allow questions to be prepared by the Committee.

Action:

Executive Assistant to make the corrections and include the Confirmed Minutes in the next Ordinary Council Meeting agenda, to be noted.

6. **BUSINESS ARISING FROM PREVIOUS MINUTES**

6.1 **EAC Terms of Reference (ToR) - Acting Director Technical Services**

The committee received and noted the current EAC Charter, and the draft EAC ToR.

Members of the Committee raised the value of input from youth and relevant community organisations, that specifically identified positions should be made available on the Committee for these roles, and that Council should liaise with the *Australian Youth Climate Coalition* when advertising an expression of interest for a youth member on this Committee.

Discussion ensued in regard to which Departments of NT Government should be involved, and that Council could invite government departments or other organisations, as appropriate, to meet with the Committee and discuss specific topics as the need arises.

The committee resolved the following:

RESOLVED:

That it be a recommendation from Environment Advisory Committee to Council

That the Membership on the Environment Advisory Committee include the following positions, and these be listed in the Terms of Reference:

- **Three Elected Members**
- **One youth representative**
- **Three general members from the community**
- **One representative on behalf of NT Government, and**
- **Four community organisations**

Moved: Rod Cramer

Seconded: Tierneigh Parnell

CARRIED

It was noted that a request for the NT Government representative should be made through the *Department of Chief Minister and Cabinet (DCM&C)*, and that a suggestion could be made in a letter to DCM&C that the *Department of Environment Parks and Water Security* would be an appropriate department to attend this committee at this time.

Action:

Officers to amend the ToR to reflect the recommendation of this committee and forward in report to Council for decision.

6.2 **Unsolicited Advertising (Junk Mail) Report - Acting Director Technical Services**

The Acting Director Technical Services tabled the amended Unsolicited Advertising Material (Junk Mail) report, after the feedback and discussion at the previous meeting. He noted this would be forwarded to Council for decision at an upcoming meeting.

Action:

Officers to include the Unsolicited Advertising Material (Junk Mail) Report on the Agenda for an upcoming Ordinary Council Meeting.

EAC 01.02.2021

7. **DEPUTATION**

Nil

8. **LAND**

8.1 **Department of Environment, Parks and Water Security (DEPWS) Report
Mr John Gaynor, Regional Director Southern Region**

The Committee received and noted the *Department of Environment, Parks and Water Security* report.

Note: The request for amendments to the previous minutes contained in this report was tabled and resolved under 5.1 Minutes from the Previous Meeting.

8.2 **Community Garden - Alex Vaughan, Policy Officer**

Alex Vaughan gave a verbal report on behalf of the community garden.

Alex noted while it was a quiet time for the Garden over summer, the Lease for the Community Garden had lapsed and the Committee were in the process of developing a new community garden plan, and he gave thanks to Council for recognizing Bruce Simmons as *Centralian Citizen of the Year* for his work with the Alice Springs Community Garden.

Action:

Reminder for all committee members to table their reports in writing to allow circulation with the agenda prior to the meeting.

8.3 **Feral Animals - Acting Director Technical Services**

The Committee received and noted the *Feral Animals* report.

9. **TRANSPORT**

Nil

10. **ENERGY**

10.1 **Solar - Acting Director Technical Services**

The Committee received and noted the *Solar* report.

Mayor Ryan enquired about the reduction in productivity for the solar array at the Alice Springs Aquatic and Leisure Centre (ASALC). The Acting Director noted, the decrease in solar production highlighted damage to a number of panels which were in the process of being replaced.

11. **WATER**

Rod Cramer advised the *Alice Springs Plan Review Water Advisory Committee* resumed meetings late last year, now that the NTG has appointed a Chair, and they have been tasked to complete the outstanding five-year review of the *Alice Springs Water Allocation Plan 2016-2026* by the end of February 2021, with the third and second last meeting to be held on Thursday, 4 Feb 2020.

EAC 01.02.2021

5.1

12. WASTE AND RECYCLING

12.1 Regional Waste Management Facility (RWMF) - Manager RWMF

The Committee received and noted the *RWMF* report.

Rod Cramer referred to the Ilparpa Road project and enquired about whether the recycled concrete met specifications for the road base. The Acting Director Technical Services responded, advising that the crushed concrete met the specifications to be used on the road shoulders.

Rod enquired in regard to the recycling of pallets and how staff ensure that the recycled product is not contaminated by nails. The Manager RWMF responded, advising that obvious nails are removed prior to pallets being recycled through a tub-grinder. He noted this machine has a magnet to catch any loose metal in the recycled product.

12.2 Recycling Initiatives - Acting Director Technical Services

The Committee received and noted the *Recycling Initiatives* report.

Rod Cramer enquired about the 6,020kg of Paint that has been received at the RWMF. The Manager RWMF advised Council had been participating in the *Paintback* program. He noted the paint is routinely collected and recycled through this program.

<https://www.paintback.com.au/about/who-we-are>

13. CLIMATE CHANGE STRATEGY

13.1 Climate Action Plan - Acting Director Technical Services

The Committee received and noted the *Climate Action Plan* report.

14. OTHER BUSINESS

14.1 Weeds - Rod Cramer

Rod Cramer raised that a particular weed - '*imported Eragrostis*', that was brought to the attention of the *Weeds Advisory Committee* a number of years ago, is now quite prolific around town. He expressed concern about Council's care and attention to weeds within the municipality. The Chair requested that Rod prepare a brief report for the next meeting and forward correspondence in regard to this matter to the Acting Director Technical Services.

Councillor Banks noted there could be room for Council to consider to developing a Horticulture / Ecology position within Council.

Discussion ensued in regard to Council's *Soil Erosion Group*.

Action:

Rod Cramer to forward a brief report for the EAC Agenda to be circulated with the papers for the next meeting.

15. NEXT MEETING:

Tuesday 6 April 2021, 4:30pm

Council Chamber, Civic Centre 93 Todd Street

The meeting closed at 5:39 pm.

AGENDA ITEM 7.1

Community Garden

**Community Garden Report
Feb-March 2021**

The rains have been a very welcome addition to the season.

Key points:

- Full subscription of plots - 48
- Full subscription of garden users - 60 memberships
- Garden Plot holder and User survey - 50+ responses - analysis underway
- Weekly working bees attracting 8-12 people
- Community Garden - 5 year plan has been finalised
- Food for Alice supporting the garden with foot traffic and produce sales
- Workshops on seedling raising held in mid March - attended by 15 people
- Irrigation upgrades completed in late February - better pressure has seen an increase in maintenance and repairs in the short term.
- Awaiting new lease as previous has lapsed since December 2020

Best,
Alex

7.1

AGENDA ITEM 7.2

FERAL ANIMALS REPORT

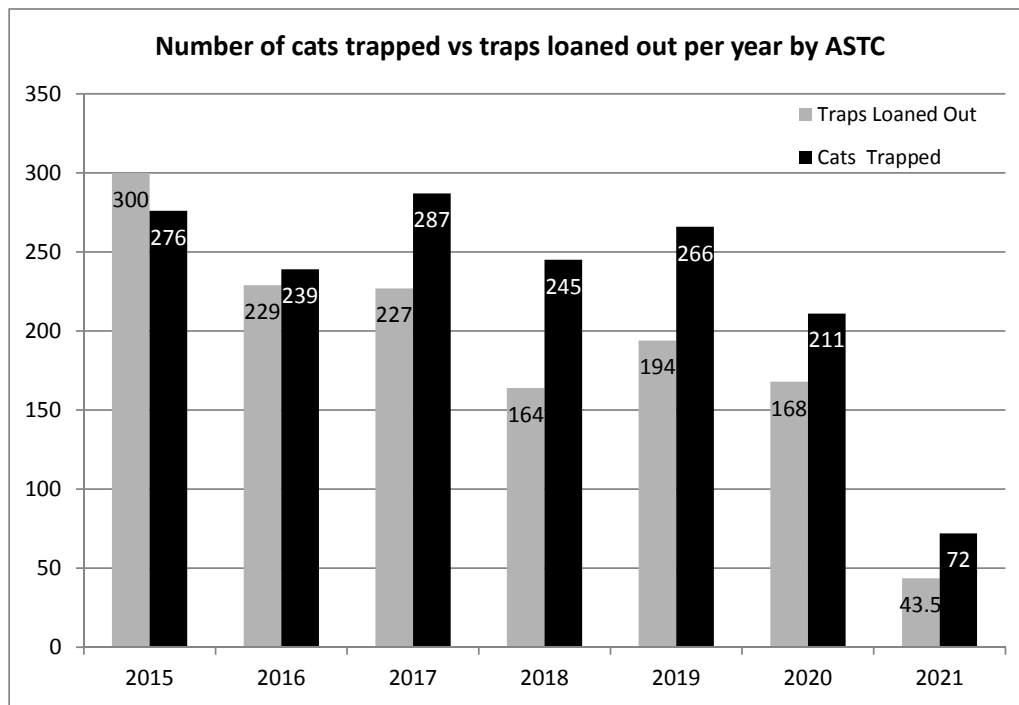


Figure 1. Number of cats trapped and traps loaned out per year by the Alice Springs Town Council.

Note: Loaning traps was suspended in late March – mid May 2020 due to COVID-19.

7.2

AGENDA ITEM 7.3

WEED MANAGEMENT - Eragrostis

G'day Stephanie,

Hope I'm not too late. Below is some info from Chris Brown, the local weeds officer. I would like to add to this - unfortunately, in my experience, action by most Gov entities ends up as too little too late. (This is in no way a reflection on Chris Brown.)

As I said at the last meeting, if nothing else, we need to learn from this, and all lift our game. What's happened with this plant shows us what not to do, particularly in such spaces as road verges. If this weed turns out the way I've been advised it will, and so becomes Declared, it will be another case of the victim pays, not just with the effects of the weed, but in the costs of dealing with it.

'As you already most likely know African Lovegrasses Eragrostis spp. are listed as Weeds of Concern in the Alice Springs Regional Weed Management.

Lovegrasses have been assessed as a medium weed risk, there are no plans or strategies to management these weeds across the landscape.

They are typically managed on a site by site basis and to prevent further spread eg (township of Alice Springs might fall under this recommendation).

The weed management matrix would recommend 'improve general weed management' for such a species with low- medium feasibility of control.

To help with minimising risk of spread by human means in urban areas of Alice Springs it might be suggested:

- *Ensuring that weed slashing contractors for roads slash from clean areas to dirty areas, and not the other way around*
- *Practice weed hygiene with mowers / slashing equipment to assist in preventing weed seed spread.*

Having said this the introduced Eragrostis spp. are now extremely widespread and well established in our region and are found along most of the major road networks (including those in Alice Springs), and another compounding issue with the Eragrostis spp. is that it is extremely difficult to differentiate between native and introduced species.

As Eragrostis spp. are not declared weeds the best outcome would be to advise the ASTC on points highlighted above.'

Rod Cramer

AGENDA ITEM 9.1
SOLAR REPORT

Council’s total electricity usage and solar production to date compared to the previous financial year.

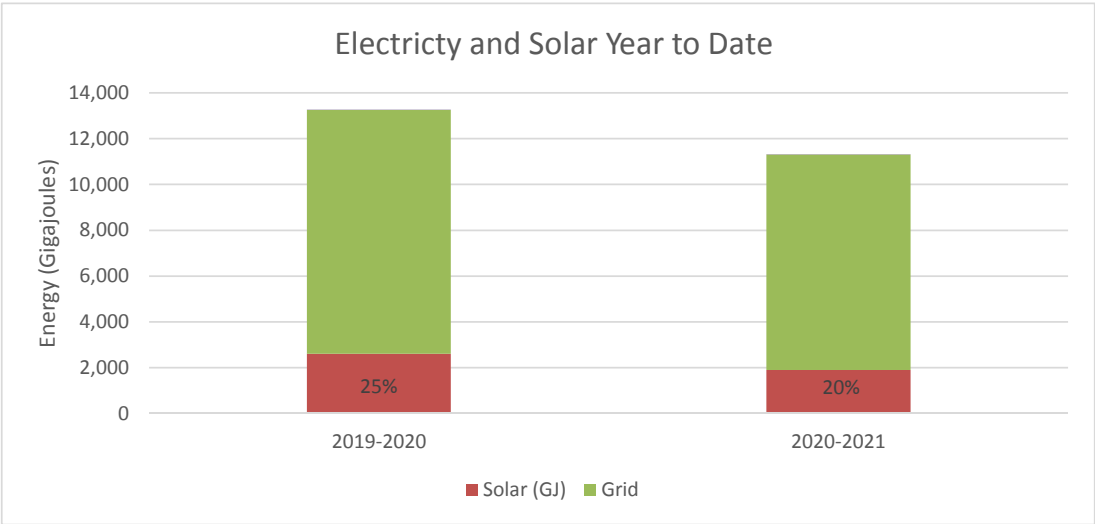


Figure 4. Council's total energy consumption and solar generation comparing FY20 to FY21.

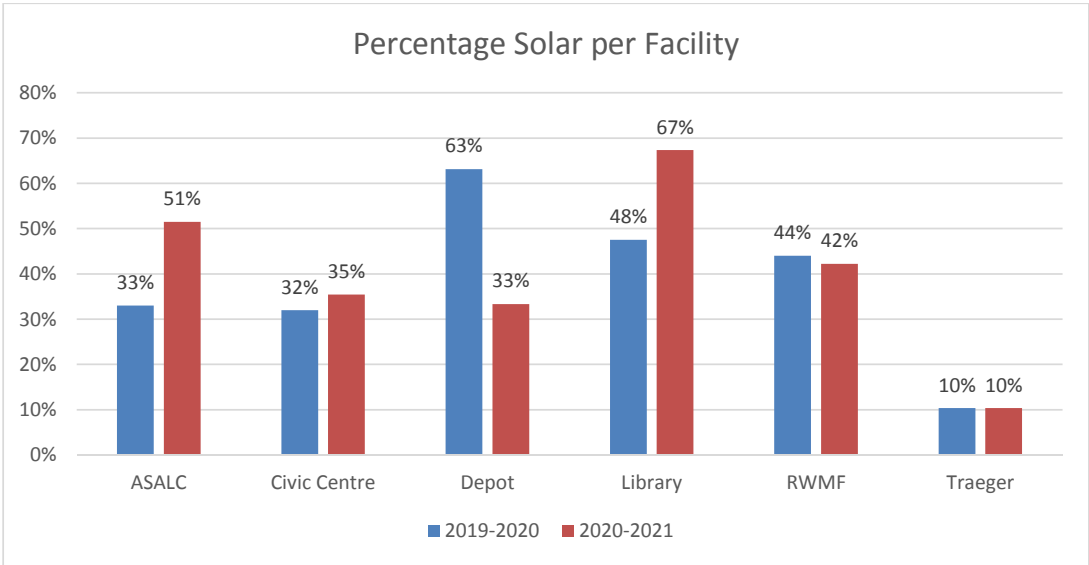


Figure 5. Solar production per quarter at six council facilities comparing FY20 to FY21.

9.1

AGENDA ITEM 11.1

REGIONAL WASTE MANAGEMENT FACILITY REPORT

Total Waste: Total Waste **MINUS** clean fill collected at the Regional Waste Management Facility (RWMF) for July 2020 to Feb 2021 was 32,084.35 tonnes. In July 2019 to Feb 2020 43,343.06 tonnes of waste was collected.

Total Recycled: Total Recycled material for July 2020 to Feb 2021 period was 6,046.67 tonnes, compared to 9,601.06 tonnes from July 2019 to Feb 2020.

Percentage Recycled: Total percentage of materials recycled between July 2020 and Feb 2021 is 22.71%. In July 2019 to Feb 2020 41.2% was recycled. The high recycling percentage in 2019 was largely due to the concrete being recycled and delivered to the Ilparpa Road project.

	July 2019- February 2020		July 2020- February 2021	
	Tonnes IN	Tonnes OUT	Tonnes IN	Tonnes OUT
Animal Carcass	6.73		8.80	
Asbestos	406.13		344.58	
Building Material		75.27		94.57
Cardboard & Paper	379.23	184.18	251.79	185.34
Chemicals			0.14	8.84
Clean Fill	20028.27	3293.16	5454.46	3760.32
Concrete	1782.40	3472.20	1687.17	587.66
Container Deposit		30.65		15.56
Council Supported				
Demolition Materials	4099.02		9750.37	
Domestic Bins	4597.98		4527.24	
Drop off Zone* (Shop)		78.55		99.25
Electronic waste	75.24	13.52	99.23	24.91
FOGO			5.63	17.00
Glass **	80.76	61.16	75.31	127.75
Green Waste	1422.04	207.18	1373.65	377.88
Household Goods		55.95		42.71
Liquid Waste	758.15		614.20	
Mattresses	133.27		123.80	189.85
Metals ***	360.07	1118.98	245.91	383.76
Mixed Waste ****	8719.06		7228.66	
Paint				2.98
Timber & Pallets	479.66	1009.65	279.72	127.31
Tyres	15.05	0.61	13.69	0.98
Total	43343.06	9601.06	32084.35	6046.67
Total minus clean fill	23314.79		26629.89	6046.67
Percentage recycled		41.2%		22.71%

Key:

- * Drop off Zone – Goods dropped off by the Public at the Rediscovery Shop
- ** Glass categories
- *** Metal categories - include other categories (e.g. whitegoods etc.)
- **** Mixed Waste - includes other categories (e.g. confidential burial; food surrender; transfer station, general waste; street clean
- ***** Timber & Pallets includes other categories (e.g. Firewood)
- ***** Building Material includes other categories (e.g. Salvaging)

Cardboard:

<i>Year to Date</i>	<i>Total Cardboard</i>
July 2020 to Feb 2021 (YTD)	185.34 Tonnes

Steel:

<i>Month</i>	<i>Total Steel</i>
July 2020 to Feb 2021 (YTD)	383.76 Tonnes

AGENDA ITEM 11.2**RECYCLING INITIATIVES**

The total annual weight of recycled fluorescent tubes, household batteries, mobile phones, paint and printer cartridges at the Regional Waste Management Facility.

Item	Weight (Kilograms)			
	2018	2019	2020	2021
Fluorescent light tubes	1.06	9.17	11.59	1.04
Household batteries	83.50	314.95	10.60	17.30
Mobile phones	2.58	11.60	10.60	1.40
Printer cartridges	38.90	51.85	751.30	6.10

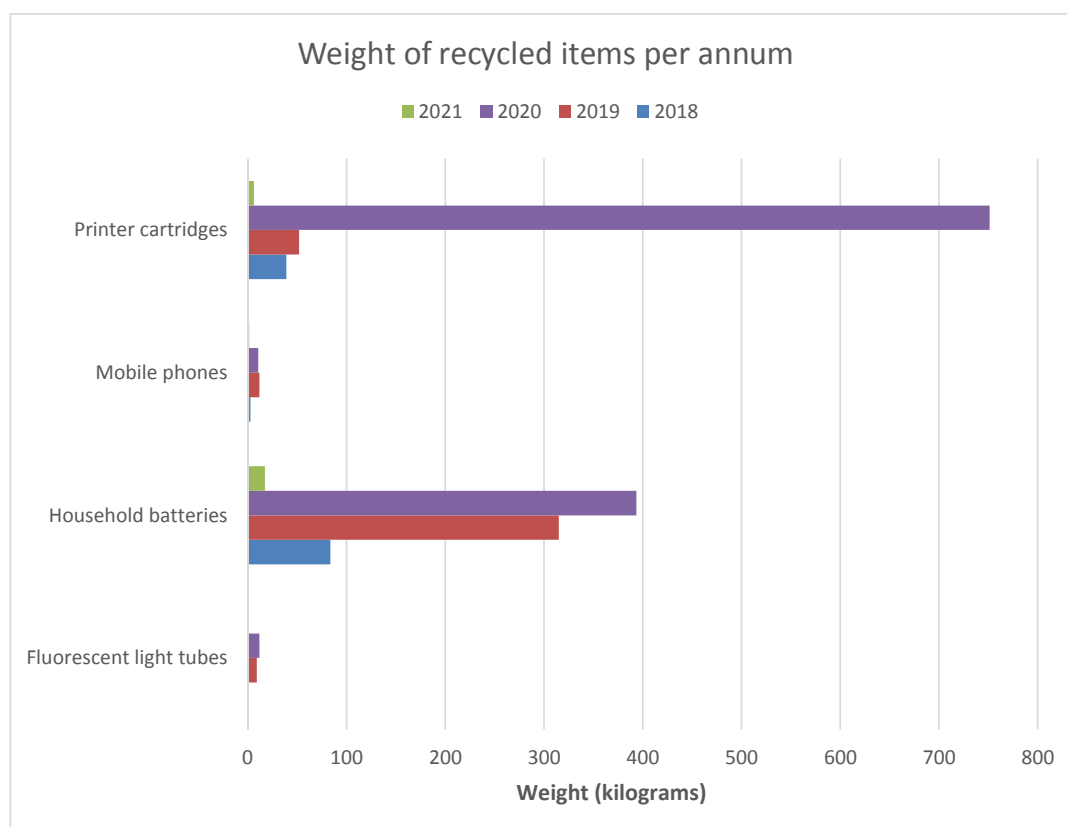
11.2

Figure 7. The total weight of fluorescent tubes, household batteries, mobile phones, paint and printer cartridges at the Regional Waste Management Facility.

AGENDA ITEM 12.1

CLIMATE ACTION PLAN - UPDATE OF ACTIONS

Progress

A total of 40% (17 actions) of the Climate Action Plan (CAP) has been completed.

- It is estimated that 74% (31 actions) of the Climate Action Plan will be completed by December 2021.
- 21% (9 actions) will not be completed by December 2021.

Action Progress

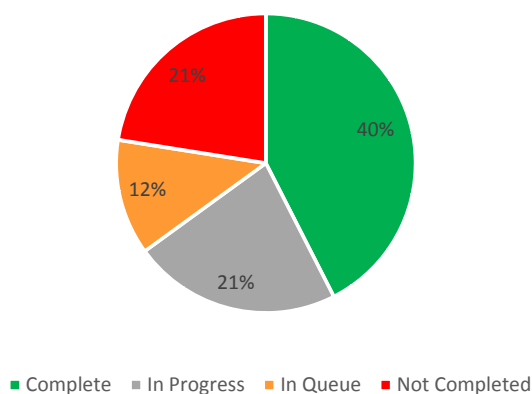


Figure 1. Progress status of the forty-two actions in the climate action plan

Forecasting

Action items that will not be completed in the lifespan of the Climate Action Plan are discussed in Table 3. Other action items where it is uncertain if they will be completed within the lifespan in this plan are discussed in Table 4.

Table 3. Actions items that will not be completed in the lifespan of this action plan

Actions	Measures
LED Street lighting change over	Streetlights are not a council asset, making it challenging to implement the action. However, council in discussions with power and water corporation is advocating that streetlights be changed to LEDs.
Four electric vehicles	Electric vehicles are not currently serviced in Alice Springs, this increases maintenance cost but also challenges the environmental benefit of owning such a vehicle. However, car dealerships in town have indicated that mechanics should receive relevant certification within the next two years to service electric vehicles locally. Budget constraints due to Covid-19, also hindered the purchase of more EVs.
Unused land for solar	An ideal location for large scale solar is the landfill. However, capping will not be completed by the end of 2021.
Solar for renters	Establishing a service to enable renters to benefit from solar will not be achievable in the lifespan of this plan as it would require a large-scale solar installation of some form which could be challenging given current electricity grid issues. However, the community solar feasibility study will inform some viable options for this action item in the future.
Kerbside recycling	The current market demand for recycled materials is low and this makes it challenging for Council to introduce kerbside recycling. Many changes are happening in this space at a state and federal level, once the recycling market improves Council will revisit this action item.
Fifty percent renewable energy by 2021	Council has been investigating the possibility of a Virtual Power Plant however a resolution will most likely not be achieve within the lifespan of this action plan.
ANZAC electric vehicle charging station	Council has currently chosen to put this action item on hold as funds could be utilised for other action items within the CAP that bring more benefit to the community.

Table 4. Action items that may not be completed in the lifespan of this action plan.

Actions	Measures
Energy Rolling Fund	Funding will be considered as part of the annual budget setting process. However, it is dependent on the funds available in the next financial year.
Sustainability Policy	The policy is currently being developed and will need to be endorsed by council. Given the intricacies of the policy this could be time consuming.

Corporate Emissions Profile

Overall emissions for this quarter are 6.5% lower than the previous financial year, and 4.9% below the baseline year 2015-2016.

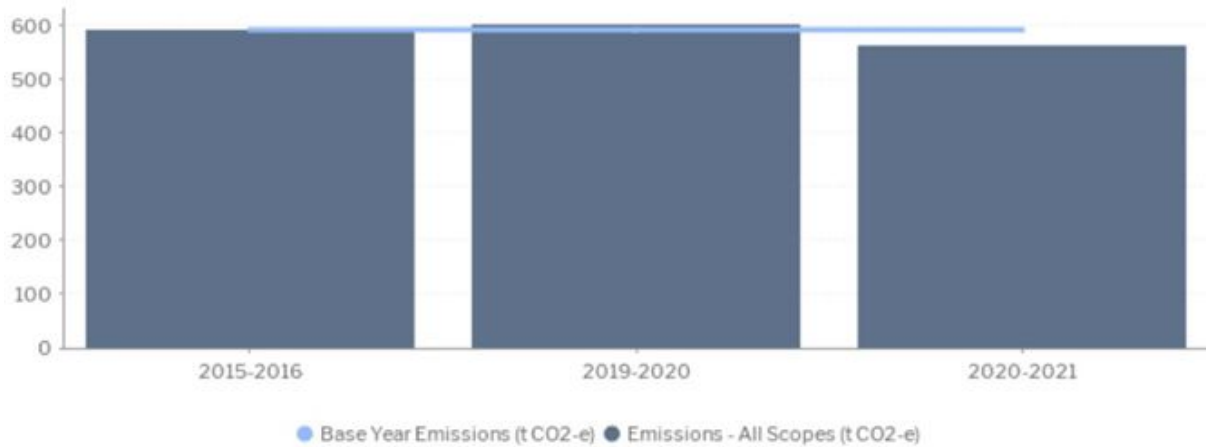


Figure 2. Quarterly greenhouse gas emissions comparing FY20 to FY 201 and the baseline year 2015-2016.

Emissions for FY21 to date are 2.1% lower than the base line year 2015-2016. This suggests Council is not on track to meet its goal of a 30% reduction.

It should be noted that data prior to FY20 is not complete. This means historical emission levels may in fact be higher than captured in the data. As data quality improves, the comparison of historical and current data may be inaccurate, and can lead to misrepresenting council's emissions as increasing. Comparing emissions from FY20 onward, would allow for a more accurate comparison.

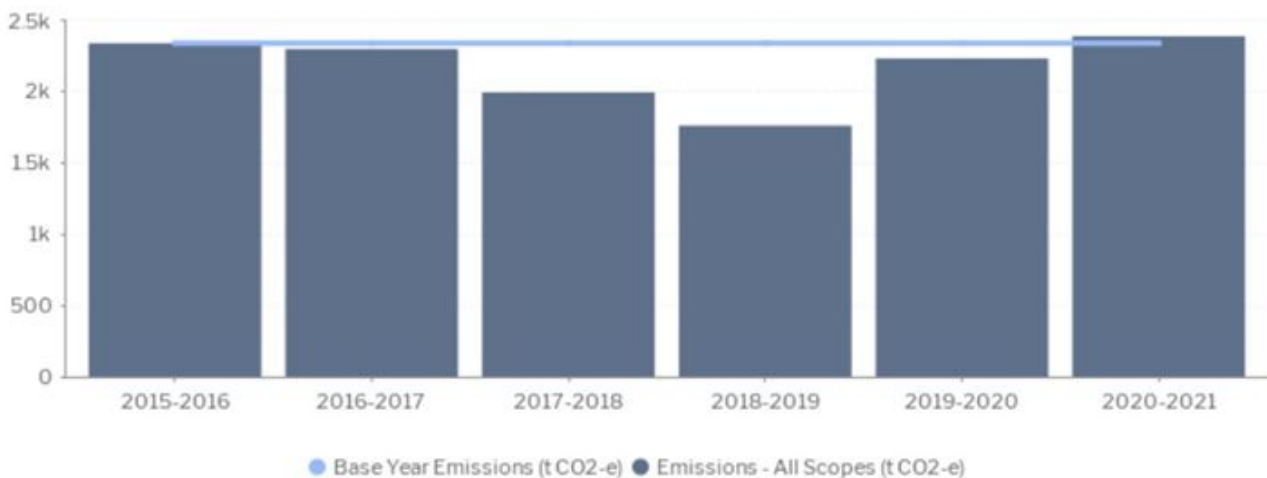


Figure 3. Greenhouse gas emissions per financial year, compared to the base line year (2015-2016).

AGENDA ITEM 12.1

CLIMATE ACTION PLAN - UPDATE OF ACTIONS

CAP Action Table

Legend:

COMPLETE**POTENTIAL DELAYS****ISSUES/DELAYS**

Number	Action	Start Date	End Date	% Complete	Status	Assignee	Progress Comments
	Climate Action Plan	01/01/18	31/12/21	71%	In Queue		
	5.1 ENERGY	01/01/18	31/12/21	34%	In Progress		
5.1.1	Source 50% of renewable energy by 2021	01/01/18	31/12/21	50%	Not Completed	Stephen Baloban	132.6 kw solar has been installed at four sports change room facilities. These were funded via the Energy Efficiency & Sustainability Grant 2018-2019. The target of 50% renewable energy will not be achievable in this plan.
5.1.2	Implement LED street lighting changeover	01/01/18	31/12/21	0%	Not Completed	Scott Allen	PWC have ownership of street lights, the cost and ownership makes it difficult to complete this action
5.1.3	Introduce user-pays systems and user-agreements for energy use in Council-owned facilities.	27/03/20	06/05/21	25%	In Progress	Tama Wakelin	Sports Officer investigating energy payment methods at sports facilities
5.1.4	Replace all inefficient lights in Council buildings with LEDs.	01/01/18	31/12/21	50%	In Progress	Ben Fitzgerald, Petina Franklin, Stephen Baloban	Standard changeover procedure.

12.1

5.1.5	Financial support for sports and other user groups to become energy efficient or install renewable energy.	01/12/20	01/01/21	50%	Not Completed	Jeanette Shepherd, Tama Wakelin	Sports Officer and Community Development unit will target groups during 2021 funding round
5.1.6	Consider sustainability issues in the decision-making process of planning including a forecast of estimated energy use for all new facilities. Ensure new buildings are appropriately insulated and shaded.	01/07/20	30/06/21	0%	In Queue	Charlotte Klempin	
5.1.7	Undertake an energy audit of key Council facilities.	04/05/20	03/05/21	80%	Complete	Stephen Baloban	Twelve facilities to be audited. Contractor engaged. Works to be completed in August 2020
5.1.8	Establish a rolling fund for financing energy efficiency projects and renewable energy.	16/03/20	15/04/20	10%	Not Completed	Mel Bennett, Sabine Taylor	Dependent on funding availability during FY22 budget discussions
5.2 GAS		01/01/18	31/12/18	100%	Complete		
5.2.9	Pool blankets for indoor heated pools at ASALC.	01/01/18	31/12/18	100%	Complete		
5.3 TRANSPORT		01/01/18	31/12/21	71%	In Progress		
5.3.10	Replace one Council vehicle with an electric vehicle per year (when vehicles are due for renewal). Provide a charge point for the electric vehicle.	01/09/19	06/09/19	25%	Not Completed	Ben Fitzgerald	Put on hold due to funding availability and lack of servicing for electric vehicles in Alice springs
5.3.11	Introduce an active transport policy for Council staff. Incentivise active transport.	01/07/20	30/06/21	20%	In Progress	Charlotte Klempin	
5.3.12	Ensure bicycles and electric bicycles are available for transport during work hours and encourage their use.	01/01/19	01/01/21	100%	Complete	Charlotte Klempin	
5.3.13	Reduce fuel use at landfill by adopting GPS monitoring for compactor at landfill.	01/01/18	31/12/21	100%	Complete	Oliver Eclipse	
5.3.14	Introduce a green fleet policy.	01/07/20	30/06/21	10%	In Progress	Charlotte Klempin, Jodie Summers	

5.3.15	Introduce minimum fuel efficiency standards for waste-contractor vehicles.	01/07/20	02/07/21	10%	In Progress	Charlotte Klempin, Jodie Summers	
5.4 WASTE & RECYLING		01/01/18	31/12/21	100%	Complete		
5.4.16	Trial commercial food waste composting systems.	01/01/19	31/12/20	100%	Complete	Charlotte Klempin	FOGO Review report being prepared
5.4.17	Reduce pallets going to landfill by 50%.	01/01/18	31/12/21	100%	Complete	Oliver Eclipse	From 2017 levels, the numbers of pallets going into landfill has reduced by 74% (April 2020)
5.4.18	Identify cost-effective measures to reduce food waste and garden waste going to landfill.	01/01/18	31/12/18	100%	Complete		
5.5 POLICY		01/01/18	31/12/21	59%	In Progress		
5.5.19	Embed sustainable practices and carbon reduction measures into all staff KPIs (Key performance indicator).	01/06/20	31/05/21	0%	In Queue	Managers Charlotte Klempin	
5.5.20	Facilitate staff training in energy efficiency, energy auditing, eco-driving, waste management etc.	01/06/20	31/05/21	0%	In Queue	Biggi Gosling, Charlotte Klempin	
5.5.21	Collaborate with other Councils to share and contribute advice through the Cities Power Partnership.	01/01/18	31/12/21	100%	Complete	Charlotte Klempin	
5.5.22	Sustainable purchasing policy.	01/07/20	02/07/21	10%	In Progress	Charlotte Klempin, Jodie Summers, Mel Bennett	
6.1 ENERGY		01/01/18	31/12/21	76%	In Progress		
6.1.23	Lead, advocate for or assist with community-owned solar.	29/01/20	29/01/21	100%	Complete	Robert Jennings	A feasibility study has been completed and Council now has information regarding how it can play a role in the Community Solar space.

6.1.24	Provide information on household and business solar.	16/03/20	15/03/21	100%	Complete	Charlotte Klempin	A PV booklet is available on the Council website.
6.1.25	Open up unused Council land for solar projects.	01/01/18	31/12/18	0%	Not Completed	Scott Allen, Stephen Baloban	Due to the potential virtual power plant all additional solar installations are on hold till outcome is finalized.
6.1.26	Engage with and lobby the Northern Territory Government, electricity generators and retailers and other relevant stakeholders to ensure a smooth transition to a renewable energy powered network is feasible. Transition to include innovative technologies to support renewable energy such as peer to peer trading.	01/01/18	31/12/21	10,000%	Complete	Robert Jennings	Discussions to create virtual power plant. Council has endorsed to join the Intyalheme Centre for Future Energy Alice Springs Future Grid project. Contributed to discussion with NTG regarding Waste strategy.
6.1.27	Attract a service that enables billing of renters for solar to make it more attractive for home-owners to install solar.	29/01/20	27/01/21	10%	Not Completed	Scott Allen	Discussions with relevant stakeholders
6.2 TRANSPORT		01/12/19	29/11/21	45%	In Progress		
6.2.28	Set a target for active transport (walking and cycling) and commit to developing a bicycle plan.	01/06/20	31/05/21	20%	In Progress	Charlotte Klempin, Stephen Baloban	Plan to develop Bicycle Action Plan. Meetings with NTG have taken place.
6.2.29	Expand provision of safe, secure infrastructure for cyclists and pedestrians.	01/06/20	31/05/21	0%	In Queue	Stephen Baloban	Plan to develop Bicycle Action Plan. Meetings with NTG have taken place.
6.2.30	Develop and identity as a bike-friendly town.	01/06/20	31/05/21	0%	In Queue	Charlotte Klempin	Plan to develop Bicycle Action Plan. Meetings with NTG have taken place.

6.2.31	Facilitate meetings with key stakeholders to progress the incursion of electric vehicles in central Australia. Lobby NT Tourism and the NTG to set up a linked network of electric vehicles in central Australia. Desert Knowledge Australia.	01/12/19	29/11/21	100%	Complete	Robert Jennings	Meetings with relevant stakeholders were had. Submissions to NTG regarding their electric vehicle paper were made on behalf of Council. Council has liaised with car dealers, and electric vehicles should be serviceable locally in the next year or two.
6.2.32	Install electric vehicle charging stations in a central location.	01/02/20	01/02/21	50%	Not Completed	Stephen Baloban	Action put on hold by Council.
6.3 WASTE & RECYCLING		01/01/18	31/12/21	88%	In Progress		
6.3.33	Implement a kerbside recycling service for residents and businesses.	01/01/18	31/12/18	0%	Not Completed	Scott Allen	Action put on hold by Council.
6.3.34	Pending outcome of business case (action item 3), implement a food and garden organics kerbside collection service.	01/01/18	31/12/21	100%	Complete	Charlotte Klempin	FOGO trial complete
6.3.35	Home composting program implemented.	01/01/18	31/12/20	100%	Complete	Charlotte Klempin	Held workshop in May 2020. Another Workshop will occur in September 2020
6.4 WASTEWATER		01/11/19	30/10/20	100%	Complete		

6.4.36	Lobby Power Water Corporation to reduce emissions from wastewater by investigating water efficiency programs and wastewater treatment.	01/11/19	30/10/20	100%	Complete	Scott Allen	ASTC engaged Power and Water Corporation. Due to logistics, health risks and infrastructure repair costs wastewater cannot be utilised. ASTC is part of the Alice Springs Town Basin Working group which detailed potential water efficiency solutions within the municipality.
	6.5 LEADERSHIP, AWARENESS & EDUCATION	01/01/18	31/12/21	66%	In Progress		
6.5.37	Lobby the NT Government to provide strong leadership on climate action.	01/11/19	02/11/21	100%	Complete	Robert Jennings	NTG Climate Change Response submission. Meeting with NTG to discuss Waste Strategy.
6.5.38	Partner with key local organisations to develop or progress action on climate change initiatives.	01/10/19	01/10/21	100%	Complete	Charlotte Klempin	Single Use Plastics Ban initiative. Educational stalls run by ALEC.
6.5.39	Engage with and support the community on climate change issues through the arts and through community events.	13/01/20	12/01/21	100%	Complete	Jeanette Shepherd	Adult Recycled Art Prize in May 2021
6.5.40	Establish an environmental grant under Council's Community Grants Program.	13/01/20	12/01/21	100%	Complete	Jeanette Shepherd	New Sustainability grant develop in 2020
6.5.41	Increase awareness of the science of, potential impacts, and mitigating actions of climate change within Council staff and within the community of Alice Springs.	01/01/18	31/12/21	50%	In Progress	Charlotte Klempin	Climate change youth workshops being held in October as part of the Heywire
6.5.42	Support innovation through local responses to climate change.	01/01/18	31/12/21	30%	In Progress	Charlotte Klempin, Jeanette Shepherd	