



ENVIRONMENTAL SUSTAINABILITY POLICY COMMITTEE

AGENDA

12 MAY 2020

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that an **ENVIRONMENTAL SUSTAINABILITY POLICY COMMITTEE MEETING of ORANGE CITY COUNCIL** will be held in the **VIA ONLINE VIDEO CONFERENCING PLATFORM ZOOM** on **Tuesday, 12 May 2020**.

David Waddell

CHIEF EXECUTIVE OFFICER

For apologies please contact Administration on 6393 8218.

AGENDA

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1 INTRODUCTION

1.1 DECLARATION OF PECUNIARY INTERESTS, SIGNIFICANT NON-PECUNIARY INTERESTS AND LESS THAN SIGNIFICANT NON-PECUNIARY INTERESTS

The provisions of Chapter 14 of the Local Government Act, 1993 (the Act) regulate the way in which Councillors and designated staff of Council conduct themselves to ensure that there is no conflict between their private interests and their public role.

The Act prescribes that where a member of Council (or a Committee of Council) has a direct or indirect financial (pecuniary) interest in a matter to be considered at a meeting of the Council (or Committee), that interest must be disclosed as soon as practicable after the start of the meeting and the reasons given for declaring such interest.

As members are aware, the provisions of the Local Government Act restrict any member who has declared a pecuniary interest in any matter from participating in the discussion or voting on that matter, and requires that member to vacate the Chamber.

Council's Code of Conduct provides that if members have a non-pecuniary conflict of interest, the nature of the conflict must be disclosed. The Code of Conduct also provides for a number of ways in which a member may manage non pecuniary conflicts of interest.

RECOMMENDATION

It is recommended that Committee Members now disclose any conflicts of interest in matters under consideration by the Environmental Sustainability Policy Committee at this meeting.

2 COMMITTEE MINUTES

2.1 MINUTES OF THE PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE MEETING HELD ON 20 NOVEMBER 2019

RECORD NUMBER: 2020/382

AUTHOR: Nigel Hobden, Manager City Presentation

EXECUTIVE SUMMARY

Parks, Trees and Waterways Community Committee met on 20 November 2019 and the recommendation from that meeting are provided to the Environmental Sustainability Community Committee for adoption.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “7.1 Preserve - Engage with the community to develop plans for growth and development that value the local environment”.

FINANCIAL IMPLICATIONS

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

- 1 That Council acknowledge the reports presented to the Parks, Trees and Waterways Community Committee at its meeting held on 20 November 2019.
- 2 That Council resolve recommendations 3.1 and 4.1 and note 3.2 from the minutes of the Parks, Trees and Waterways Community Committee meeting of 20 November 2019.
 - 3.1 *Items For Discussion*
 - 1 *Organise a walk around Cook Park and a workshop to examine Masterplan.*
 - 2 *Assess the list of parks for tree planting and conduct a site inspection of parks on a Sunday, in early 2020.*
 - 3.2 *Entrance Signs*
 - 1 *Agreed that the Mitchell Highway and Molong Road entrance signs are a priority.*
 - 2 *Agreed on the Tallangatta example for the entrance signs.*
 - 4.1 *Parks, Trees And Waterways Community Committee Action Plan*
 - 1 *That the Parks, Trees and Waterways Community Committee Action Plan be reviewed and priorities determined.*
- 3 That the remainder of the minutes of the Parks, Trees and Waterways Community Committee at its meeting held on 20 November 2019 be adopted.

2.1 Minutes of the Parks, Trees and Waterways Community Committee meeting held on 20 November 2019

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation's impact on Council's service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

ATTACHMENTS

- 1 Minutes of the Meeting of the Parks, Trees and Waterways Community Committee held on 20 November 2019
- 2 PTWCC 20 November 2019 Agenda, D20/17990 [↓](#)

ORANGE CITY COUNCIL

MINUTES OF THE

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

HELD IN HR TRAINING ROOM, CIVIC CENTRE, BYNG STREET, ORANGE

ON 20 NOVEMBER 2019

COMMENCING AT 5.30PM

1 INTRODUCTION

ATTENDANCE

Cr Reg Kidd (Mayor) (Chairperson), Cr S Nugent, Mr Dennis Croucher, Cr M Previtera, Mr Neil Jones, Ms Sarah Keir, Manager City Presentation

1.1 Apologies and Leave of Absence

RESOLVED

Cr M Previtera/Cr S Nugent

That the apologies be accepted from Mrs Neina Campbell and Mr Brendan Stuart for the Parks, Trees and Waterways Community Committee meeting on 20 November 2019.

1.2 Acknowledgement of Country

Cr Reg Kidd conducted an Acknowledgment of Country.

1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests

Nil

2 PREVIOUS MINUTES

RESOLVED

Mr D Croucher/Cr M Previtera

That the Minutes of the Meeting of the Parks, Trees and Waterways Community Committee held on 21 August 2019 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate record of the proceedings of the Parks, Trees and Waterways Community Committee meeting held on 21 August 2019.

3 PRESENTATIONS

3.1 ITEMS FOR DISCUSSION

TRIM REFERENCE: 2019/2466

RECOMMENDATION

Mr N Jones/Mr D Croucher

That the Parks, Trees and Waterways Community Committee:

- 1 Organise a walk around Cook Park and a workshop to examine Masterplan
- 2 Assess the list of parks for tree planting and conduct a site inspection of parks on a Sunday, in early 2020.

3.2 ENTRANCE SIGNS

TRIM REFERENCE: 2019/2467

RECOMMENDATION

Cr M Previtera/Mr N Jones

That the Parks, Trees and Waterways Community Committee:

- 1 Agreed that the Mitchell Highway and Molong Road entrance signs are a priority
- 2 Agreed on the Tallangatta example for the entrance signs.

4 GENERAL REPORTS

4.1 PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE ACTION PLAN

TRIM REFERENCE: 2019/2460

RECOMMENDATION

That the Parks, Trees and Waterways Community Committee Action Plan be reviewed and priorities determined.

THE MEETING CLOSED AT 7.00PM.



PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

AGENDA

20 NOVEMBER 2019

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that a **PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE MEETING** of **ORANGE CITY COUNCIL** will be held in the **HR TRAINING ROOM, CIVIC CENTRE, BYNG STREET, ORANGE** on **Wednesday, 20 November 2019** commencing at **5.30PM**.

David Waddell
CHIEF EXECUTIVE OFFICER

For apologies please contact Nigel Hobden on 6393 8241.

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE**20 NOVEMBER 2019**

AGENDA**EVACUATION PROCEDURE**

In the event of an emergency, the building may be evacuated. You will be required to vacate the building. The Committee Clerk will now identify the emergency muster point.

Under no circumstances is anyone permitted to re-enter the building until the all clear has been given and the area deemed safe by authorised personnel.

In the event of an evacuation, a member of Council staff will assist any member of the public with a disability to vacate the building.

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PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE**20 NOVEMBER 2019**

1 INTRODUCTION**MEMBERS**

Cr Reg Kidd (Mayor) (Chairperson), Cr S Nugent, Cr M Previtera, Mr David Perry, Miss Gemma McDonald, Mrs Neina Campbell, Mr Brendan Stuart, Mr Dennis Croucher, Mr Neil Jones, Mr Cyril Smith, Ms Sarah Keir, Director Community, Recreation and Cultural Services, Manager City Presentation, Water Treatment Manager, Parks Supervisor

1.1 APOLOGIES AND LEAVE OF ABSENCE**1.2 ACKNOWLEDGEMENT OF COUNTRY**

I would like to acknowledge the Wiradjuri people who are the Traditional Custodians of the Land. I would also like to pay respect to the Elders both past and present of the Wiradjuri Nation and extend that respect to other Aboriginal Australians who are present.

1.3 DECLARATION OF PECUNIARY INTERESTS, SIGNIFICANT NON-PECUNIARY INTERESTS AND LESS THAN SIGNIFICANT NON-PECUNIARY INTERESTS

The provisions of Chapter 14 of the Local Government Act, 1993 (the Act) regulate the way in which Councillors and designated staff of Council conduct themselves to ensure that there is no conflict between their private interests and their public role.

The Act prescribes that where a member of Council (or a Committee of Council) has a direct or indirect financial (pecuniary) interest in a matter to be considered at a meeting of the Council (or Committee), that interest must be disclosed as soon as practicable after the start of the meeting and the reasons given for declaring such interest.

As members are aware, the provisions of the Local Government Act restrict any member who has declared a pecuniary interest in any matter from participating in the discussion or voting on that matter, and requires that member to vacate the Chamber.

Council's Code of Conduct provides that if members have a non-pecuniary conflict of interest, the nature of the conflict must be disclosed. The Code of Conduct also provides for a number of ways in which a member may manage non pecuniary conflicts of interest.

RECOMMENDATION

It is recommended that Committee Members now disclose any conflicts of interest in matters under consideration by the Parks, Trees and Waterways Community Committee at this meeting.

2 PREVIOUS MINUTES**RECOMMENDATION**

That the Minutes of the Meeting of the Parks, Trees and Waterways Community Committee held on 21 August 2019 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate records of the proceedings of the Parks, Trees and Waterways Community Committee meeting held on 21 August 2019.

ATTACHMENTS

- 1 Minutes of the Meeting of the Parks, Trees and Waterways Community Committee held on 21 August 2019

ORANGE CITY COUNCIL

MINUTES OF THE

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

HELD IN COUNCILLOR'S WORKROOM, CIVIC CENTRE, BYNG STREET, ORANGE

ON 21 AUGUST 2019

COMMENCING AT 5.30PM

1 INTRODUCTION

ATTENDANCE

Cr Reg Kidd (Mayor) (arrived at 6.15pm), Cr S Nugent, Cr M Previtera, Mr David Perry, Miss Gemma McDonald, Mr Brendan Stuart, Mr Dennis Croucher, Mr Neil Jones, Mr Cyril Smith, Manager City Presentation

In the absence of Cr Reg Kidd (Mayor) (arrived at 6.15pm), Cr S Nugent chaired the meeting.

1.1 Apologies and Leave of Absence

RESOLVED

Mr D Croucher/Mr C Smith

That the apologies be accepted from Mrs Neina Campbell and Ms Sarah Keir for the Parks, Trees and Waterways Community Committee meeting on 21 August 2019.

1.2 Acknowledgement of Country

Cr S Nugent conducted an Acknowledgment of Country

1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests

Nil

2 PREVIOUS MINUTES

RESOLVED

Mr B Stuart/Mr D Perry

That the Minutes of the Meeting of the Parks, Trees and Waterways Community Committee held on 22 May 2019 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate record of the proceedings of the Parks, Trees and Waterways Community Committee meeting held on 22 May 2019.

MINUTES OF PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE 21 AUGUST 2019

3 PRESENTATIONS**3.1 RESIGNATION OF MATTHEW CHISHOLM**

TRIM REFERENCE: 2019/1805

RECOMMENDATION**Mr C Smith/Mr D Perry**

That the Parks, Trees and Waterways Community Committee accepted the resignation of Matthew Chisholm.

4 GENERAL REPORTS**4.1 PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE ACTION PLAN**

TRIM REFERENCE: 2019/1755

RECOMMENDATION

That the Parks, Trees and Waterways Community Committee Action Plan reviewed and priorities determined.

4.2 CITY ENTRANCE SIGN CONCEPT

TRIM REFERENCE: 2019/1798

RECOMMENDATION**Mr N Jones/Mr C Smith**

- 1 That the Committee does not support the current design.
(Whilst the Parks, Trees and Waterways Committee acknowledge the uniqueness of the design, the Community Committee does not support the current design, as there are varying opinions on the colour and busyness of the concept and purpose of the sign ie "Welcome to Orange", in a location at the intersection of the Mitchell Highway and Northern Distributor Road.)
- 2 That the Parks, Trees and Waterways Community Committee acknowledged that the style of sign produced could be used at locations such as the Visitor Information Centre.

5 GENERAL BUSINESS**5.1 LAKE CANOBOLAS TREE PLANTING DAY**

RECOMMENDATION**Mr D Croucher/Mr C Smith**

That it be acknowledged that the 2019 National Tree Day - Planet Ark at Lake Canobolas was well organised and supported by staff.

THE MEETING CLOSED AT 6.58PM.

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

20 NOVEMBER 2019

3 PRESENTATIONS**3.1 ITEMS FOR DISCUSSION**

Mr Neil Jones requested the following items be tabled for discussion:

- Examination of the Cook Park Master Plan, with an update on implementation, and identification of tree management needs.
- Development of a vegetation plan for neighbourhood parks, with particular emphasis on enhancing biodiversity with native trees and shrubs.

3.2 ENTRANCE SIGNS

Confirmation of sign locations:

- Mitchell Highway/NDR triangle
- Molong Road/Mitchell Highway
- Forbes Road
- Cargo Road

Confirmation of signage style:

- Tallangatta example with soft landscaping to support

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

20 NOVEMBER 2019

4 GENERAL REPORTS**4.1 PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE ACTION PLAN**

RECORD NUMBER: 2019/2460

AUTHOR: Nigel Hobden, Manager City Presentation

EXECUTIVE SUMMARY

Attached for the information of the Parks, Trees and Waterways Community Committee is the Action Plan from the meeting of 21 August 2019

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “7.1 Preserve - Engage with the community to develop plans for growth and development that value the local environment”.

FINANCIAL IMPLICATIONS

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That the Parks, Trees and Waterways Community Committee Action Plan be reviewed and priorities determined.

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation’s impact on Council’s service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

ATTACHMENTS

- 1 Park, Trees and Waterways Community Committee Action Plan - 2018, D18/37145

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

20 NOVEMBER 2019

Attachment 1 Park, Trees and Waterways Community Committee Action Plan - 2018

D18/37145

Parks, Trees and Waterways Community Committee

Action Plan

Action	Who	Delivery/Operational Plan reference	Cost implications	Resourcing implications	Start	End	Update/Completed
Investigate the possible use of permeable pavement around street trees and report back to the Committee.	Horticultural Services Supervisor & Manager City Presentation	7.1. Engage with the community to develop plans for growth and development that value the local environment. 9.4 Develop a vibrant civic and commercial precinct as a centre for the community	Nil – Investigation only.		August 2018		Investigations continuing into suitable permeable pavements and the effectiveness of this treatment
Undertake a review of the Street Tree Master Plan	Committee	7.1. Engage with the community to develop plans for growth and development that value the local environment. 9.4 Develop a vibrant civic and commercial precinct as a centre for the community	Nil - review only.		July 2018	December 2019	Presentation to be provided at the Parks, Trees and Waterways Committee meeting in November 2019 <ul style="list-style-type: none"> General overview of the document How Council staff apply the STMP

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

20 NOVEMBER 2019

Attachment 1 Park, Trees and Waterways Community Committee Action Plan - 2018

Action	Who	Delivery/Operational Plan reference	Cost implications	Resourcing implications	Start	End	Update/Completed
Develop concept plans for the main entrances to Orange with the initial focus being on the eastern entrance.	Manager City Presentation & Committee	7.1. Engage with the community to develop plans for growth and development that value the local environment. 11.1. Capitalise on the character and lifestyle of Orange to remain a destination of choice	TBC – funding may be required for consultant to develop concepts plans following Committee consultation. Funding for implementation of concept plans will be subject to further reporting and budget process.		July 2018	December 2019	Concept precinct plans provided for discussion at the Parks, Trees and Waterways Committee meeting on 20 October 2018 Completed
Undertake a review of Council's Tree Preservation Order	Committee	7.1. Engage with the community to develop plans for growth and development that value the local environment.	Nil – review only		July 2018	May 2019	City Presentation staff have worked with Development Services staff and develop clear process for the removal of both private and Council trees. DDS Report to be circulated to PTWCC Members - completed

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

20 NOVEMBER 2019

Attachment 1 Park, Trees and Waterways Community Committee Action Plan - 2018

Action	Who	Delivery/Operational Plan reference	Cost implications	Resourcing implications	Start	End	Update/Completed
Identify small neighbourhood parks that could benefit from tree planting to increase their environmental value	Committee	7.1. Engage with the community to develop plans for growth and development that value the local environment.	Nil – investigation only. Cost to undertake planting to be		July 2018		Committee to be provided with a list of neighbourhood parks that can be considered for additional tree planting. Desk top review by available PTW members to be undertaken 5.30pm Wednesday 19 June 2019
Committee to drive around to inspect areas for eastern entrance/gateway	Committee	7.1. Engage with the community to develop plans for growth and development that value the local environment.	Nil		Apr 2019	Apr 2020	
Street planting in precinct to be reviewed for surrounding Department of Planning, Industry and Environment future	City Presentation Manager	7.1. Engage with the community to develop plans for growth and development that value the local environment.			TBA once building is developed		

PARKS, TREES AND WATERWAYS COMMUNITY COMMITTEE

20 NOVEMBER 2019

Attachment 1 Park, Trees and Waterways Community Committee Action Plan - 2018

Action	Who	Delivery/Operational Plan reference	Cost implications	Resourcing implications	Start	End	Update/Completed
Undertake a review of Cook Park Masterplan	Committee	7.1. Engage with the community to develop plans for growth and development that value the local environment.	Nil – review only			June 2020	
New intersection – SFR through to Redmond Place	Committee	7.1. Engage with the community to develop plans for growth and development that value the local environment.	Nil – review only				Concept landscape plan to be provide to the November meeting PTW CC for information.

**2.2 MINUTES OF THE ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE
MEETING HELD ON 13 DECEMBER 2019**

RECORD NUMBER: 2020/496

AUTHOR: Lindsay Hall, Sustainability Officer

EXECUTIVE SUMMARY

The Environmental Sustainability Community Committee met on 13 December 2019 and the recommendations from that meeting are presented to the Environmental Sustainability Policy Committee for adoption.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “7.1 Preserve - Engage with the community to develop plans for growth and development that value the local environment”.

FINANCIAL IMPLICATIONS

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

- 1 That Council acknowledge the reports presented to the Environmental Sustainability Community Committee at its meeting held on 13 December 2019.**
- 2 That Council determine recommendations 4.1, 4.2, 4.3 and 4.5 from the minutes of the Environmental Sustainability Community Committee meeting of 13 December 2019.**

Item 4.1 Water Priority Project Team Update

That the Committee request Council staff investigate the idea of “Permanent Water Saving Rules” to ‘replace’ Levels 1 and 2 Water Restrictions in Orange and report back to the Committee with their findings

Item 4.2 Energy Priority Project Team Update

That a congratulations be extended to Council staff involved with the Chiller project on behalf of the Committee.

Item 4.3 Waste Update

That the Plastics (Waste) Priority Projects Team and Council’s Manager Waste Services and Technical Support investigate the feasibility of engaging with TerraCycle in Orange, including budget requirements.

Item 4.5 Plastics Priority Project Team Update

- 1. That Council investigate the cost and potential locations for 6 to 10 additional water bottle filling stations in the CBD and other areas in the city with high pedestrian traffic.***
 - 2. That Council investigate the feasibility of installing a soft plastics and “Lids for Kids” collection point in a central, publically accessible location in Orange.***
 - 3. That Council research the NZ and ACT Models for single-use plastic bag bans, as well as one at Council level and report back to the Environmental Sustainability Committee in the first half of 2020.***
 - 4. That Council establish an inter-disciplinary team to plan for an expanded involvement in the 2020 Plastic Free July Event.***
- 3 That the remainder of the minutes of the Environmental Sustainability Community Committee at its meeting held on 13 December 2019 be adopted.**

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation’s impact on Council’s service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

ATTACHMENTS

- 1 Minutes of the Meeting of the Environmental Sustainability Community Committee held on 13 December 2019**
- 2 ESCC 13 December 2019 Agenda, D20/14507 [↓](#)**

ORANGE CITY COUNCIL
MINUTES OF THE
ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

HELD IN COMMITTEE ROOM 3, CIVIC CENTRE, BYNG STREET, ORANGE

ON 13 DECEMBER 2019

COMMENCING AT 8.02AM

1 INTRODUCTION

ATTENDANCE

Cr S Nugent (Chairperson), Cr J McRae, Cr M Previtera (8.24am), Ms Shahreen Alford, Mr Robert Alford, Mrs Neina Campbell, Mr Ronald Finch, Mr Andrew Kennedy, Mr Nick King, Dr David Mallard, Ms Melanie McDonell, Mrs Anne Salter, Mr Cyril Smith, Mr Peter West, Ms Kate Willoughby, Chief Executive Officer, Acting Director Development Services, Manager Waste Services and Technical Support, Water and Sewerage Strategic Manager, Manager Depot, Airport and Emergency Services

1.1 Apologies and Leave of Absence

RECOMMENDATION

Cr J McRae/Mr P West

That the apologies be accepted from Miss Anwen Carney, Mr Daniel Fock, Mrs Kate Hook for the Environmental Sustainability Community Committee meeting on 13 December 2019.

1.2 Acknowledgement of Country

1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests

Chief Executive Officer declared a less than significant non-pecuniary interest in Item 5.1 - Energy Democracy as he owns property nearby a development proposal associated with the report.

Crs J McRae, S Nugent and M Previtera declared a less than significant non-pecuniary interest in Item 5.1 - Energy Democracy as Councillors they will be involved in the decision making process in regards to a development proposal associated with the report.

2 PREVIOUS MINUTES

RECOMMENDATION

Cr J McRae/Mr R Finch

That the Minutes of the Meeting of the Environmental Sustainability Community Committee held on 18 October 2019(copies of which were circulated to all members) be updated to reflect changes in item 4.1 and 5.2, and can hereby confirmed as a true and accurate record of the proceedings of the Environmental Sustainability Community Committee meeting held on 18 October 2019.

3 COUNCIL UPDATES

3.1 ENERGY PROCUREMENT

TRIM REFERENCE: 2019/2780

Council's Chief Executive Officer updated the Committee on Energy Procurement.

The process started with CENTROC (now the JO) getting their member Councils to "bulk up" their energy usage before going to market. Orange City Council resolved to aim for 20% renewable energy to be included if it was financially the smarter option. Due to government crack downs on Solar Farms in South Australia, it wasn't financially in Council's best interest to procure 20% renewables. Currently they are involved in a 3 year contract, which includes 14.5% renewables (the Grid level). During the term of the contract, Council can procure up to 20% renewables without breaching the contract.

Orange City Council currently has \$700,000 saved for use on future energy projects, which is in addition to the \$500,000 Council will save from the Southern Lights LED Project.

RECOMMENDATION

Ms M McDonell/Mr A Kennedy

That the verbal report presented by Council's Chief Executive Officer be acknowledged

3.2 WATER UPDATE

TRIM REFERENCE: 2019/2781

Council's Chief Executive Officer and Water and Sewerage Strategic Manager updated the Committee on Water.

Council has received \$5 Million in funding to put towards projects that will assist with the future Water Security of Orange. \$2.5 Million will be used on the construction of a pipeline to pump water from Spring Creek Reservoir directly to the water treatment plant on Icely Road, ultimately bypassing Suma Park Dam. This project will aim to be completed by June 2020. The other \$2.5 Million will be used on the second stage of the Blackmans Swamp Stormwater Harvesting system.

The Committee requested that the link to the Integrated Water Cycle Management information and information on the Blackmans Swamp upgrade be distributed to members. This information is available on Council's website.

The Committee was also advised that Orange City Council will be enforcing Level 5A water restrictions in the near future. The trigger point for moving to Level 5A is 25%, the current total storage is around this mark. Staff are meeting next week to discuss and present their findings and recommendation/s to the Councillors for a decision to be made.

Water Forums for businesses and housing will continue in the new year. A housing summit will be in Orange next week and they will be addressed regarding water.

An application by Council has been made to the State Government under the Critical Needs Act to lower the trigger point for pumping via the Macquarie Pipeline from 108 megalitres to 30 megalitres. This would be a temporary arrangement which would waver once water levels rise above the 'emergency' level, which is 50%. *(continued over page)*

An application has also been made for a permanent change to reduce the threshold from 108 megalitres to 70 megalitres. This would mean that the threshold in emergency situations (should the first application be approved) would be 30 megalitres and outside of this return to 70 megalitres instead of 108. A new application to again lower the threshold would need to be submitted in future for emergencies.

RECOMMENDATION**Dr D Mallard/Ms M McDonell**

That the verbal report presented by Council's Chief Executive Officer and Water and Sewerage Strategic Manager be acknowledged.

4 PRIORITY PROJECT TEAM UPDATES

4.1 WATER PRIORITY PROJECT TEAM UPDATE

TRIM REFERENCE: 2019/2785

Committee Member Mr C Smith distributed a report to the Committee via email on Thursday 12 December 2019, and as a hardcopy at the meeting.

A discussion was held in regards to the motions presented in the report.

Permanent Water Saving Rules

A motion was presented to the Committee to request these be developed and subsequently adopted as part of the Integrated Water Cycle Management (ICWM). These 'rules' would essentially replace Level 1 and Level 2 Water Restrictions, and be enforced permanently, regardless of the water levels, i.e. continuous/permanent Level 2 restrictions enforced. Permanent Water Saving Rules are in place across Victoria.

The State Government of NSW is looking to review the current Water Restrictions. The "levels" system is familiar across the state. There is concern that changing the first two levels to 'rules' and enforcing levels thereafter may cause confusion with residents and visitors who are already familiar with and adapted to the current restrictions system.

Stormwater Harvesting System

A motion was presented to the Committee requesting a report be prepared detailing the future development of the Stormwater Harvesting System (SWHS) for the next 5 years. Reference was made to Item 3.2 - Water Update, where a request was made for the information currently available on the ICWM (including the SWHS Plans) to be circulated to the Committee.

The motion was subsequently amended to request that the information already available i.e. the link being circulated (see above) be investigated by the Water Priority Project team to identify any gaps before reporting back to the Committee. A report can then be requested to fill these information gaps for the Committee and Community.

Other Business

Water Table Data shows that levels have dropped, this is relevant as a lot of water users have private bores. Staff met with the Drought Co-ordinator who has offered the services of the Department's Hydrogeologist to assist with research in this area.

(continued over page)

Full Time Water Ranger has been appointed and is contracted for the next 12 months.

There is a Stakeholders Reference group which includes all people identified as being affected by proposed changes to the downstream flows

RECOMMENDATION**Mr C Smith/Mrs A Salter**

That the Committee request Council staff investigate the idea of “Permanent Water Saving Rules” to ‘replace’ Levels 1 and 2 Water Restrictions in Orange and report back to the Committee with their findings

RECOMMENDATION**Cr J McRae/Mr R Finch**

That the request for a Report on the 5 year future plans for the Blackmans Swamp Stormwater Harvesting System be deferred until the Water Priority Project Team has had an opportunity to assess the current available information to identify gaps etc. and present their findings to the Committee at a future meeting.

Cr Previtera arrived with the time being 8.24am

4.2 ENERGY PRIORITY PROJECT TEAM UPDATE

TRIM REFERENCE: 2019/2782

The Council building chiller project has been undertaken and is producing good results. They project good savings on energy and costs. The system has assisted in correcting issues to do with poor power factors.

The system acts like a single room airconditioning unit by pumping out warm air. It could assist in replacing thermal radiant heating in the cooler months.

Consideration should be made in terms of integrating all of the systems into one, rather than having rooms/areas in the buildings that have a separate air conditioning system.

The LED Lights project in Summer Street has been completed and projects savings of \$30,000/year. One concern is the brightness of the lights, due to glare, however feedback has been positive so far.

The LED Bulbs for the Southern Lights Project are in Orange. It is anticipated that all the bulbs in Orange will be replaced by the end of the Financial Year. A good place to go to see the difference these bulbs make is Cargo Road.

The Sustainability Officer - interviews have been completed and staff have a suitable candidate to appoint. Currently in the process of getting the offer out for them to start early January 2020. The position will report to the Manager Building and Environment and will be involved in both Organisational and Strategic Roles. They will also be taking over as Committee Clerk for the Committee.

Projects

Animal Shelter Solar Project is underway.

The Aquatic Centre Solar Project is on the books for 2020.

Council's Manager Depot, Airport and Emergency Services spoke to the Committee regarding the Airport Solar Project. Council has received a grant which will be used to fund a secure carport at the airport. Solar Panels will be put on the roof of the structure and produce 100kw Solar for the airport to utilize. *(recommendations over page)*

RECOMMENDATION**Mr R Alford/Mr A Kennedy**

That congratulations be extended to Council staff involved with the Chiller project on behalf of the Committee.

RECOMMENDATION**Ms S Alford/Ms K Willoughby**

That the remainder of the discussion be acknowledged.

*** Water and Sewerage Strategic Manager left with the time being 8.39am***

4.3 WASTE UPDATE

TRIM REFERENCE: 2019/2783

Council's Manager Waste Services and Technical Support presented an update to the Committee on Waste.

On 19 October 2019, the annual Hazardous Waste Collection day was conducted. Numbers were down significantly from last year in both patronage and volume of waste collected. This is attributed to CRC.

In February, a regional tyre tender will be undertaken by J R Richards, due to the contract with JRW being near expiry.

The team has created an Educational Video on Council's Resource Recovery Facilities at Ophir and Euchareena Road. It is targeted to school children and addresses Waste Management Operations across both facilities.

Council is working with Envirocom to assist in waste auditing with Businesses in Orange. They're offering free advisory services for businesses to assist them in better resource recovery. Any resources required will also be given to businesses in the first instance at no cost to them.

They have also been undertaking residential waste audits. Last week, 500 organics bins were audited. Preparation is in the final stages for the audit of 500 recycling bins. Envirocom go out before the J R Richards waste collection trucks and check the bins selected for audit. A 'sticker' with a ☺ (for bins where no contamination is found) or ☹ (for contaminated bins) is then left on the bin with information regarding what can and can't go in each bin.

The Committee was informed about TerraCycle - a company that specialises in hard to recycle materials like Batteries and toothbrushes. They have been involved with some Councils, e.g. Cairns, by providing collection boxes for specific items. There is a charge involved for collection, approx. \$180/box. Colgate also does free collection of Oral Hygiene items, i.e. toothbrushes etc.

RECOMMENDATION**Ms K Willoughby/Ms M McDonell**

- 1 That the Plastics (Waste) Priority Projects Team and Council's Manager Waste Services and Technical Support investigate the feasibility of engaging with TerraCycle in Orange, including budget requirements.
- 2 That the remainder of the discussion be acknowledged.

*** Cr J McRae left with the time being 8.51am***

4.4 BIODIVERSITY PRIORITY PROJECT TEAM UPDATE

TRIM REFERENCE: 2019/2784

Committee Member Mr P West presented an update on Biodiversity to the Committee.

The Threatened Species Information has been presented to the Committee and others previously. A hardcopy report and Map was passed around at the meeting for the Committee to note. The data collected is currently restricted specifically to the Orange LGA.

Process

2014 - Inventory was taken of existing data sets in regards to threatened species. This was then collated and any gaps identified.

Now- Data sets from other organisations are being collected and combined to create a more detailed picture. This data will be used to inform the LEP and identify areas for conservation and restoration.

Wednesday 18 December - A workshop is being held at ELF from 11-2. This is an opportunity for 'localised' data to be collected from individuals and small groups/organisations. It will hopefully provide more detailed/finer data sets to be integrated into the existing data.

The hope is for the 'completed' Biodiversity Data set to be able to be passed onto State Government and associated organisations, and assist in guiding future surveys.

RECOMMENDATION	Dr D Mallard/Mr Nick King
That the verbal report presented to the Committee be acknowledged.	
<i>**Manager Depot, Airport and Emergency Services left with the time being 9.03am**</i>	
<i>**Mr Nick King left with the time being 9.04am**</i>	

4.5 PLASTICS PRIORITY PROJECT TEAM UPDATE

TRIM REFERENCE: 2019/1648

Ms Melanie McDonnell and Ms Kate Willoughby provided an update in conjunction with the Plastics Report, to the Committee.

Coles and Woolworths currently have collection points for soft plastics and 'Lids for Kids'. A request was made to see if Council could set up a community collection point for the same purposes. A suggestion was made that this could be included with the TerraCycle collection bins.

A request was made that Council Staff investigate implementing a single use plastic bag ban and start phasing out single use plastics such as cheap take-away containers etc. This type of ban is already in place in a lot of areas.

An update on the "Environmental Leadership Awards" has been requested.

RECOMMENDATION**Ms K Willoughby/Ms M McDonell**

The Environmental Sustainability Community Committee recommends that:

(continued over page)

- 1 Council investigate the cost and potential locations for 6 to 10 additional water bottle filling stations in the CBD and other areas in the city with high pedestrian traffic.
- 2 Council investigate the feasibility of installing a soft plastics and “Lids for Kids” collection point in a central, publically accessible location in Orange.
- 3 Council research the NZ and ACT Models for single-use plastic bag bans, as well as one at Council level and report back to the Environmental Sustainability Committee in the first half of 2020.
- 4 Council establish an inter-disciplinary team to plan for an expanded involvement in the 2020 Plastic Free July Event.

5 GENERAL BUSINESS

The Committee resolved to address Item 5.3 as the first item of General Business due to its previous deferral from the 9 August meeting.

5.3 IMPACT OF CHANGING WEATHER CONDITIONS IN ORANGE - BY ROBERT ALFORD

TRIM REFERENCE: 2019/2787

Mr Robert Alford addressed the Committee, in conjunction with the report previously provided.

Key Points raised:

- Leaders in our community, i.e. Councillors, Politicians etc., need to be made aware of the current situation caused by changing weather conditions
- This needs to happen in order for sufficient action to be taking to reduce the negative impacts and risks associated with these changes.
- Impacts affect a range of areas, including health, business, economy etc.
- A focus group (Priority Project Team perhaps) specifically to engage with the community and leaders in the community in order to raise awareness.

The Committee agreed to create a Priority Project Team to focus on this area, which will be overlooked in its initial stages by Mr Alford. The Sustainability Officer, once appointment, can assist with this Project Group. Interest is to be sent through to Mr Alford, or the Committee admin assistant.

Points 1-4 in the report consist of initial focus areas for the new Sustainability Officer.

RECOMMENDATION**Mr R Alford/Ms K Willoughby**

- 1 The Committee create a Priority Project Group for the Impact of Changing Weather Conditions (name to be decided), overseen by Committee member Mr R Alford, and interested members notify Mr Alford.
- 2 The remainder of the report and discussion be acknowledged.

5.1 ENERGY DEMOCRACY

TRIM REFERENCE: 2019/2547

Chief Executive Officer and Crs J McRae, S Nugent and M Previtera declared a less than significant non-pecuniary interest. They remained in the Meeting for the discussion.

A request was made that this item be referred to the Energy Project Priority Team for an initial look before they report back to ESCC at a meeting in 2020.

RECOMMENDATION**Mr R Alford/Ms S Alford**

That this item be deferred until the Energy Project Priority Team has an opportunity to read over the report and present their findings to the Committee at a meeting in 2020.

5.2 ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE 2020 AND BEYOND - EDUCATION PRIORITY PROJECT GROUP

TRIM REFERENCE: 2019/1640

A report was presented to the Committee by the Education Priority Project Group.

Key Points:

- It was noted that the Committee has worked on improving its partnership with Council, but further improvement is still needed.
- The Committee would like to create a "Legacy" for the next ESCC group, possibly giving them things to work off in order to assist in the Committee becoming more successful in the future.

The Education Priority Project Team will work to collate information together to 'handover' to the next Committee group after the 2020 elections and possibly assist other Community Committees in how they choose to conduct and continue in their operations with Council.

RECOMMENDATION**Mr A Kennedy/Cr S Nugent**

That

- 1 The current working groups aim to complete their work plans for the identified priority projects by September 2020
- 2 The Environmental Sustainability Community Committee continues to develop the consultation, collaboration and forum agenda hierarchy for setting agendas
- 3 The Education Working Group prepares a handover report that highlights the results, lessons and benefits of the Environmental Sustainability Community Committee to Council and the Community
- 4 The Committee note the report, including the issues identified and proposed responses

Mr Peter West left the meeting with the time being 9.17am

5.4 MEETING DATES - 2020

TRIM REFERENCE: 2019/2786

RECOMMENDATION**Mr R Finch/Dr D Mallard**

That the following meetings for the Environmental Sustainability Community Committee be arranged for 2020:

- 1 Friday 14 February 2020
- 2 Friday 10 April 2020
- 3 Friday 12 June 2020
- 4 Friday 14 August 2020

MATTER ARISING**Member K Willoughby/Cr S Nugent**

The following report items be prepared for the first ESCC Meeting of 2020, scheduled for Friday 14 February:

- 1 Sustainable Living Week - Follow up report
- 2 Bees Wax Wrap update - Kate Willoughby

THE MEETING CLOSED AT 9.30AM.



ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

AGENDA

13 DECEMBER 2019

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that an **ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE MEETING of ORANGE CITY COUNCIL** will be held in the **COMMITTEE ROOM 3, CIVIC CENTRE, BYNG STREET, ORANGE** on **Friday, 13 December 2019** commencing at **8.00AM**.

David Waddell
CHIEF EXECUTIVE OFFICER

For apologies please contact Jessica McLean on 6393 8262.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

AGENDA**EVACUATION PROCEDURE**

In the event of an emergency, the building may be evacuated. You will be required to vacate the building. The Committee Clerk will now identify the emergency muster point.

Under no circumstances is anyone permitted to re-enter the building until the all clear has been given and the area deemed safe by authorised personnel.

In the event of an evacuation, a member of Council staff will assist any member of the public with a disability to vacate the building.

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ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

1 INTRODUCTION**MEMBERS**

Cr S Nugent (Chairperson), Cr J McRae, Cr M Previtera, Ms Shahreen Alford, Mr Robert Alford, Mrs Melissa Brown, Mrs Neina Campbell, Miss Anwen Carney, Mr Ronald Finch, Mr Daniel Fock, Mr Gavin Hillier, Mrs Kate Hook, Mr Andrew Kennedy, Mr Nick King, Dr David Mallard, Ms Melanie McDonell, Mrs Anne Salter, Mr Cyril Smith, Mr Peter West, Ms Kate Willoughby, Mr Ken Freedman, Director Development Services, Manager Building and Environment, Water Treatment Manager, Manager City Presentation, Manager Waste Services and Technical Support, Water and Sewerage Strategic Manager, Museum and Heritage Coordinator, Parks Supervisor, Project and Research Officer, Water Management Officer

1.1 APOLOGIES AND LEAVE OF ABSENCE**1.2 ACKNOWLEDGEMENT OF COUNTRY**

I would like to acknowledge the Wiradjuri people who are the Traditional Custodians of the Land. I would also like to pay respect to the Elders both past and present of the Wiradjuri Nation and extend that respect to other Aboriginal Australians who are present.

1.3 DECLARATION OF PECUNIARY INTERESTS, SIGNIFICANT NON-PECUNIARY INTERESTS AND LESS THAN SIGNIFICANT NON-PECUNIARY INTERESTS

The provisions of Chapter 14 of the Local Government Act, 1993 (the Act) regulate the way in which Councillors and designated staff of Council conduct themselves to ensure that there is no conflict between their private interests and their public role.

The Act prescribes that where a member of Council (or a Committee of Council) has a direct or indirect financial (pecuniary) interest in a matter to be considered at a meeting of the Council (or Committee), that interest must be disclosed as soon as practicable after the start of the meeting and the reasons given for declaring such interest.

As members are aware, the provisions of the Local Government Act restrict any member who has declared a pecuniary interest in any matter from participating in the discussion or voting on that matter, and requires that member to vacate the Chamber.

Council's Code of Conduct provides that if members have a non-pecuniary conflict of interest, the nature of the conflict must be disclosed. The Code of Conduct also provides for a number of ways in which a member may manage non pecuniary conflicts of interest.

RECOMMENDATION

It is recommended that Committee Members now disclose any conflicts of interest in matters under consideration by the Environmental Sustainability Community Committee at this meeting.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

2 PREVIOUS MINUTES**RECOMMENDATION**

That the Minutes of the Meeting of the Environmental Sustainability Community Committee held on 18 October 2019 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate records of the proceedings of the Environmental Sustainability Community Committee meeting held on 18 October 2019.

ATTACHMENTS

- 1 Minutes of the Meeting of the Environmental Sustainability Community Committee held on 18 October 2019

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

ORANGE CITY COUNCIL**MINUTES OF THE****ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE**

HELD IN COUNCILLORS WORKROOM, CIVIC CENTRE, BYNG STREET, ORANGE

ON 18 OCTOBER 2019

COMMENCING AT 8.01AM

1 INTRODUCTION**ATTENDANCE**

Cr S Nugent (Chairperson), Cr J McRae, Cr M Previtera (8.14am), Ms Shahreen Alford, Mrs Neina Campbell, Miss Anwen Carney, Mr Ronald Finch, Mr Gavin Hillier, Mr Andrew Kennedy, Ms Melanie McDonell, Mrs Anne Salter, Mr Cyril Smith, , Ms Kate Willoughby, Mr John Mills (Guest Presenter - Rotary), Chief Executive Officer, Acting Director Development Services, Manager Waste Services and Technical Support, Water and Sewerage Strategic Manager, Senior Planner, Health and Building Surveyor, Trainee Aboriginal Environmental Health Officer

1.1 Apologies and Leave of Absence

RECOMMENDATION**Cr S Nugent/Mr D Waddell**

That the apologies be accepted from Mr Robert Alford, Mr Daniel Fock, Mrs Kate Hook, Mr Nick King, Dr David Mallard, Mr Peter West and Mr Ken Freedman for the Environmental Sustainability Community Committee meeting on 18 October 2019.

1.2 Acknowledgement of Country

1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests

Nil

2 PREVIOUS MINUTES**RECOMMENDATION****K Willoughby/Ms S Alford**

That the Minutes of the Meeting of the Environmental Sustainability Community Committee held on 9 August 2019 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate record of the proceedings of the Environmental Sustainability Community Committee meeting held on 9 August 2019.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3.6 Biodiversity Sub-Group Update

3 COUNCIL UPDATES**3.1 CITIES POWER PARTNERSHIP AND ENERGY MATTERS**

TRIM REFERENCE: 2019/2167

Energy noted as a critical issue for Council, with no Key contact point/group, however the report noted the creation of a "Sustainability Officer" role within Council.

Recruitment of the position has begun and it should be advertised next week.

Committee noted that main areas for focus should be:

- The chiller in the Civic Centre
- Lighting
- Energy Procurement.

RECOMMENDATION**Ms M McDonell/Mr A Kennedy**

That the report by Council's Chief Executive Officer and Committee discussion be noted.

Councillor Previtera arrived with the time being 8.14am

3.2 WASTE MANAGEMENT FACILITIES TOUR

TRIM REFERENCE: 2019/1664

The Private Committee Tour was facilitated by Kylie Tomlinson with four members of the Committee on Friday 27 September 2019. The members who attended said the Tour was very informative and allowed them to come away knowing more, and being able to be an advocate for the Resource Recovery Centres run by Council.

There was also a Public Tour, facilitated again by Kylie Tomlinson, on Thursday 10 October 2019 at 9.15am. 18 People responded to the Event and 13 showed up on the day. They were shown the entire process of the waste recovery from receiving the materials at the centre, to the end product.

Two notable processes are the Red Waste materials and Green Waste materials.

Red waste is collected, sorted and bailed. Bailed waste is stacked in a pyramid form and covered in dirt. Items that need to go to landfill but are too large for bailing are put in amongst the bail pile. Approximately 50% of the material that comes to the centres in the Red Bins is "resource loss" materials, i.e. materials that should have been put in the Yellow or Green bins instead. This is a similar statistic to what most Councils would report. Council has previously had a report regarding reducing the frequency of Red Bin collection to fortnightly, rather than weekly. Originally, 60% of the Community were accepting of this proposal, however at the time it wasn't resolved. The Manager Waste Services and Technical Support will present a report on Waste Diversion to the Council in 2022/23, at the end of the 5 year period that was proposed when the change was first recommended, which will assess whether Council is meeting State standards and reducing the collection frequency if not.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3.6 Biodiversity Sub-Group Update

Green Waste is collected, processed and tested before being sold in bulk or locally by the Recovery Centre and JR Richards. The processing involves the collected waste being shredded and pasteurised, being heated to 55°C to kill any insects or germs etc. Moisture and air is then added and the “compost” spends about 3 months in the sun, where it is churned intermittently. Once it has broken down, the compost is sent to a facility to test against the Australian Standards and can be sold if it meets these. Buyers include vineyards and orchards as well as individuals.

Bioplastics are another area of concern. They require being heated to 50°C to break down, so they are hard for people to utilise in their own backyard compost piles. In terms of Council’s process there are a few issues integrating bioplastics into the system. Many businesses had keyed onto the idea of bioplastics and are marketing regular plastic as such. The actual bioplastic products are hard to distinguish from regular plastic to be sorted effectively and avoid contaminating the compost. Bioplastics also take a lot longer to fully breakdown, therefore increasing “visible contaminates” in the compost for longer. This means that the time in the sun composting etc. would need to be longer to allow for these products to decompose.

A suggestion was made to try and integrate separate waste “streams” into the current collection system, similar to Sydney Councils, i.e. paper and cardboard stream, other plastics stream, bioplastics stream etc. At the moment, cost is a factor in assessing this proposal. The current contract for Waste Recovery was established in 2012 and will be up for renewal in 2022/23.

RECOMMENDATION**Mr A Kennedy/Ms M McDonell**

That

- 1 The efforts of the Staff involved in the Private Tour of the Facility, particularly Council’s Research and Projects Officer, Kylie Tomlinson, for running the day, be acknowledged by the Committee
- 2 The verbal report by Council’s Manager Waste Services and Technical Support be acknowledged

ACTION ITEM

That the Manager Waste Services and Technical Support extend the acknowledgements from the Committee to Kylie Tomlinson on their behalf.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3.6 Biodiversity Sub-Group Update

3.3 PARTICLE POLLUTION - BY GREG PERRY

TRIM REFERENCE: 2019/1669

The data provided to the Committee is in its early stages, to gather a sufficient baseline, study would need to be done and the data recorded over a few years. The study is predominantly to show the effects wood smoke has on particle pollution in Orange. It also tracked bushfires and hazard reduction burning.

Notably, winter as a season generally has a higher rate of combustible particles, such as but not limited to particles from wood smoke etc. The data collected for winter 2019 shows that despite it being a mild winter, the number of combustible particles was still at a high level when compared to previous years with colder winters. Fine particulates, those of PM2.5, levels rose as well over the timeframe. These are the particulates that cause respiratory issues as they are small enough to inhale into the lungs.

The policy implications involved in studying particle pollution specifically relating to wood fires could see an enforced ban, however that is not an outcome sought by the Council. A suggestion was to try and better educate the users of woodfires in regards to what they are burning, getting better quality, dry wood, keeping the fireplace clean etc.

The OEH Air Quality Monitoring station in Orange is set up at Jaegar Reserve on Hill Street. The data has been requested to be linked on Council's website for residents of Orange to access. The Automatic Weather Stations are funded by the Bureau of Meteorology and Orange's is out at the Airport. The data from this is available online. The ESCC Members were advised that, should they wish to, they can go and have a look at the station at Jaegar Reserve.

Council's Trainee Aboriginal Environmental Health Officer, Greg Perry, will continue doing his research for the next 12-18 months and an official report will be given to the Acting Director Development Services soon. He will be speaking to the Public Health regarding Orange's levels being much higher than Bathurst's over the same period.

RECOMMENDATION**Cr J McRae/Ms S Alford**

That the report presented by Council's Trainee Aboriginal Environmental Health Officer and the Committee discussion be acknowledged.

ACTION ITEMS

That Council's Chief Executive Officer follow up regarding placing a link for the Air Quality Monitoring data on Council's Website

The Council's Trainee Aboriginal Environmental Health Officer contact Public Health in regards to Orange v Bathurst particle pollution levels.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3.6 Biodiversity Sub-Group Update

3.4 WATER MATTERS

TRIM REFERENCE: 2019/1666

Council has established an operational team and comprehensive management strategy to focus on the current water situation. The team is comprised of Council staff from various areas, such as Tech Services, City Presentation and the Communications Team, and will assist with community engagement for both residential and business sectors in town in regards to reducing their water usage, particularly coming into the warmer months.

Council has done presentations on water usage internally, to inform all staff, and externally to organisations such as ECCO and at events like Sustainable Living Week. Community engagement efforts have also been made via our website. The biggest gains in terms of water saving measures etc. are to be had in the Residential Sector. The current usage is 130-140L/person per day, the aim over summer is to keep this down, i.e. reduce water use.

In terms of new Developments in town, conditions are issued on the consent to ensure build sites are adhering to the water restrictions. Swimming pools are still being approved however they cannot be filled or topped up from the town water supply.

In terms of compliance, the current process is as follows:

1. A complaint is made and an internal investigation conducted
2. A letter is sent to the complainant acknowledging the issue and an initial warning letter is sent to Infringer
3. If they continue to infringe, the Rangers are sent for a face to face meeting/verbal warning
4. If the behaviour continues after the Rangers warning, a fine of \$2200 is issued.

An Enforcement/Compliance Officer position has also been established and should be filled in the next 12 months.

All effluent water currently goes Cadia. The purple taps (dual water) is treated potable water. A fact sheet is available on Council's website regarding the Dual Water system.

Moving forward, it is advised that is people witness someone doing the wrong thing regarding water restrictions, that they report it to Council for action to be taken. A request has been made for more regular updates on the current water situation be put more prominently on the website. Also that town signs (like those in Dubbo) regarding water, are implemented in Orange.

RECOMMENDATION**Ms S Alford/Mrs A Salter**

That

- 1 The verbal report presented by Council's Water and Sewerage Strategic Manager be acknowledged.
- 2 The Committee request Water Update Signs, like those in Dubbo, are put in place in Orange to keep the community informed.

ACTION ITEMS

That the Dual Water Fact Sheet be distributed to Committee Members

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3.6 Biodiversity Sub-Group Update

5.1 SUSTAINABLE LIVING WEEK

TRIM REFERENCE: 2019/1667

The Committee moved to deal with Item 5.1 earlier in the meeting, as the Guest Speaker, Mr John Mills, had prior commitments to attend.

Sustainable Living Week is scheduled to run from 27 October 2019 to 16 November 2019. In that time frame, a variety of events will take place such as a Wetlands Walk, School Cooking Competition, Reducing Plastic Waste Workshop at the E.L.F on 31 October 2019, Waratahs Revegetation etc. The big event is the Sustainable Living Expo. A copy of the program for the Expo was presented to Committee members, and is also available on the Rotary Facebook Page, as is their Sustainable Living Week Brochure.

This event has been established in partnership with Orange City Council. The hope is for it to become an annual or bi-annual event, with Council's support. It has been requested that Committee members take the time to check the Social Media related to this event and to share and advocate.

RECOMMENDATION**K Willoughby/Mr C Smith**

That the report presented by Mr John Mills be acknowledged.

The Acting Director Development Services left with the time being 9.00am

The Health and Building Surveyor left with the time being 9.04am

The Trainee Aboriginal Environmental Health Officer left with the time being 9.09am

Mr John Mills left with the time being 9.13am

4 PRIORITY PROJECTS**4.1 COMBINED ESCC PROJECTS REPORT**

TRIM REFERENCE: 2019/1665

The Chair informed the Committee that in terms of the sub-committees (also referred to as sub-groups and priority groups) were formed in order to have more detailed discussions within themselves at intervals between the meetings and then report back to ESCC.

A request was put forward to assist in obtaining an OCC Mentor for each sub-committee as a point of call within Council. It was also requested that each sub-committee organise to meet before the next meeting and prepare a report on their current status to present at the next ESCC Meeting. A comment was made that the Energy and Education sub-committees should have their comments presented from the entire ESCC rather than just their individual sub-committee members.

RECOMMENDATION**Mr A Kennedy/K Willoughby**

That

- 1 The Committee reaffirms commitment to the priority project model and determines project areas/groups for 2019/20
- 2 The Committee clarifies role of priority projects compared to other items in formulating meeting agendas.
- 3 That the report presented by the Education Project Group be acknowledged.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3.6 Biodiversity Sub-Group Update

MOTION**Cr S Nugent/Mr C Smith**

That the Water Report, as circulated by Committee Member Mr Cyril Smith in 17 October 2019, be noted.

5 EVENTS

Ms Shahreen Alford left the meeting with the time being 9.25am

The Senior Planner left the meeting with the time being 9.30am

The Acting Director Development Services returned to the meeting at 9.33am

Miss Anwen Carney left the meeting with the time being 9.34am

5.2 CLIMATE BEHIND THE HEADLINES PUBLIC TALK SERIES

TRIM REFERENCE: 2019/1668

The Future in Orange Facebook page is the best starting point for people wanting to be involved in the series. There has been good turn outs so far.

LGNSW passed a motion to declare a Climate Emergency on Tuesday 15 October 2019

RECOMMENDATION

That the verbal report presented by Councillor Stephen Nugent be acknowledged.

THE MEETING CLOSED AT 9.44AM

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3 COUNCIL UPDATES**3.1 ENERGY PROCUREMENT**

Verbal Report

3.2 WATER UPDATE

Verbal Report

4 SUB-GROUP UPDATES**4.1 WATER SUB-GROUP UPDATE**

Verbal update report from the Water Sub-Group. Key Points:

- 1 Permanent Water Saving Solutions
- 2 Storm Water Harvesting Scheme - Next Steps

4.2 ENERGY SUB-GROUP UPDATE

Verbal Update from the Energy Sub-Group

4.3 WASTE SUB-GROUP UPDATE

Verbal Update from the Waste Sub-Group

4.4 BIODIVERSITY SUB-GROUP UPDATE

Verbal update report from the Biodiversity Sub-Group

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

4.5 PLASTICS REPORT - BY CR NUGENT

The Plastics Working Group met on Sunday 17 November. The group identified five priority project areas following recent progress on reducing the availability of single use plastic bags at supermarkets. These are:

- 1 reducing the use of single-use plastic water bottles
- 2 taking the next step in recycling soft plastics
- 3 exploring options for items that are currently unable to be recycled in Orange, e.g. plastic milk bottle lids retained and offered to Lids for Kids program
- 4 research on options for an LGA-wide ban on plastic bags, and
- 5 ongoing education and awareness.

PLASTIC BOTTLES

A great way to inspire people to give up buying single-use plastic bottles for drinking water is to install highly visible and accessible water bottle refilling stations and to accompany this with a promotional campaign throughout schools and the general community. Important considerations include:

- water refilling stations with insulation to avoid malfunction due to freezing in winter - this may be different to options used in Sydney and it would be worth considering models used in Canada and other cold climates;
- a promotional campaign including sponsored refillable bottles (preferably long-lasting steel rather than tougher plastic) could encourage local businesses to support the project - businesses might pay a sponsorship in return for having their logo on bottles that are distributed at community events
- potential locations for the water filling stations include the CBD and other parts of the city with high pedestrian traffic, e.g. the library/gallery/tourist info area, the train station, new piazza (when developed), new Dalton Brothers shopping centre, Gosling Creek, Lake Canobolas, Botanic Gardens/Adventure Playground, Elephant Park, Cook Park and Robertson Park.

SOFT PLASTICS AND LIDS FOR KIDS COLLECTION

While there are currently three RedCycle Soft Plastics drop off points in Orange - Woolworths North Orange, Woolworths Orange and Coles - the general public seems to be relatively unaware of the program and the volume of soft plastics being collected is probably a small percentage of what is going to landfill. (Note: the working group has requested information from RedCycle on the volume of soft plastics currently being collected and is waiting on that information to be provided.)

RedCycle has advised the working group that they do not have any additional soft plastic drop-off points under consideration for Orange. In particular they state that despite interest, at this stage they do not have school-based collections under consideration.

The working group recommends that Council approaches RedCycle and investigates possibility of RedCycle participation in a Community Drop Off Point. A Community Drop Off Point would probably best be located in the Orange CBD, e.g. Woolworths car park near public toilet or the Summer Centre car parks, and could incorporate receptacles for soft plastics and Lids For Kids.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

4.5 Plastics Report - by Cr Nugent

BAN ON PLASTIC BAGS

The working group strongly supports the goal of implementing an LGA-wide ban on single use plastic bags, similar to what NZ has done, and ultimately a ban on all single use plastic. The working group believes that an initial step would be to research the NZ and ACT case studies, as well as a similar one at a council level:

<https://www.mfe.govt.nz/waste/single-use-plastic-shopping-bags-banned-new-zealand>

<https://www.environment.act.gov.au/waste/plastic-bag-ban>

ONGOING EDUCATION AND AWARENESS

The working group feels that Plastic Free July 2020 is an opportunity to progress initiatives planned but not implemented in 2019, and to introduce a school challenge component starting in February. A community group or possibly the Tidy Towns Committee could run a fun competition for school students that would involve designing and making reusable shopping bags. Prizes could be awarded to the best designs (similar to the waste to art contest). The bags could be made from old jeans, t-shirts and sheets, and all those bags submitted could be given away to shoppers entering IGA or somewhere else that still supplies plastic bags. With the upcoming appointment of a Council sustainability officer, there is also an opportunity for that position to work with other Council staff across the organisation to plan for an expanded Council involvement in PFJ 2020.

RECOMMENDATION

The Environmental Sustainability Community Committee recommends that:

- 1 Council investigate the cost and potential locations for 6 to 10 additional water bottle filling stations in the CBD and other areas in the city with high pedestrian traffic.
- 2 Council investigate the feasibility of installing a soft plastics and "Lids for Kids" collection point in a central, publically accessible location in Orange.
- 3 Council research the NZ and ACT Models for single-use plastic bag bans, as well as one at Council level and report back to the Environmental Sustainability Committee in the first half of 2020.
- 4 Council establish an inter-disciplinary team to plan for an expanded involvement in the 2020 Plastic Free July Event.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

5 GENERAL BUSINESS**5.1 ENERGY DEMOCRACY**

Attached is a Draft discussion paper regarding Council Purchasing Membership in the Co-Operative or Purchasing Surplus Energy via PPA, from Alan Major of Energy Democracy

Solar statistics for Orange and the region are available at:

<https://pv-map.apvi.org.au/historical#8/-33.121/149.080>.

ATTACHMENTS

- 1 Draft Discussion Paper - Alan Major, D19/69686

November 2019

Energy Democracy and Orange City Council – PPA and Co-operative Membership

PURPOSE OF THE PAPER

To encourage Council to join the Energy Democracy Central West NSW Co-operative as a transactive member and separately sign a Power Purchase Agreement with the Co-operative.

BACKGROUND

Energy Democracy Pty Ltd has created a community co-operative model of renewable energy self-generation, enabling wider community participation in helping to reduce the impact of climate change while also improving the financial position, health and wellbeing of Co-operative members.

A co-operatively-owned renewable energy park is presently being established in the region, centred on the northern outskirts of Orange. Members of the Energy Democracy Central West NSW Co-operative will be able to purchase shares equating to parcels of 2.5kW of solar panels and 5kWh of battery energy storage. They will also receive tools to help them become more energy efficient saving power and reducing their energy footprint.

The surplus energy that is generated by the renewable energy park is sold at the best price, for the benefit of the members.

The model enables wider community participation in reducing the impacts of climate change since it does not rely on the member having a suitable roof. The cost of entry reflects the benefits to be obtained by the economies of scale in building a renewable energy park. The professional management of the park and electrons is designed to reduce the pay-back time of the investment and ensure the ongoing sustainability of the park without further investment from the members.

Other key features include local governance and one vote per member, regardless of the number of shares held.

The benefits of the Energy Democracy Central West NSW Co-operative are expected to flow through to the wider community.

SUPPORTING ORANGE CITY COUNCIL'S PRIORITIES

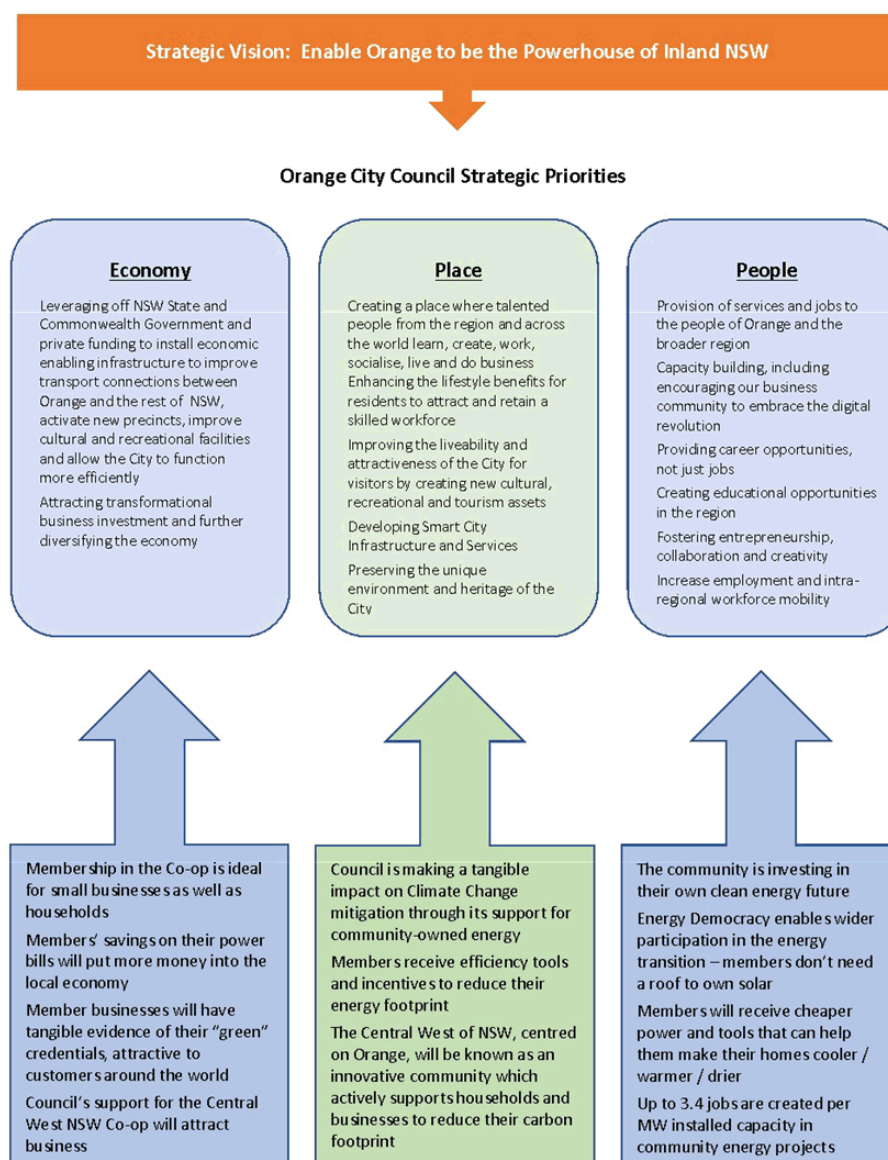
“The Orange community will pursue the balance of growth and development with the protection and enhancement of the built and natural environment, while recognising climate impacts and the diverse needs of the urban, village and rural communities.”

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

Attachment 1 Draft Discussion Paper - Alan Major

The graphic below shows how the Energy Democracy Central West New South Wales Co-operative can support Orange City Council to meet its vision to Activate Orange:



How Energy Democracy Central West NSW Co-operative supports Council's strategic priorities

THE CO-OPERATIVE

Energy Democracy is a concept of community-owned and operated co-operatives that generate and store photovoltaic generated energy for the co-operative members to use and/or sell. The development of a co-operative in Orange would allow for those that do not have home ownership or who live in a heritage zone, etc. to participate in the use of alternative power generation.

There are no minimum parcels of shares that need to be committed in order for the Orange Community Renewable Energy Park to proceed. Maximum capacity would be 2,000 parcels with projected returns yet to be formalised.

Parcels of transacting shares include 2.5kW of photovoltaic panels, and 5kWh battery storage with an estimated cost of between \$6,000 and \$7,000 per parcel. A \$3.5m grant is being finalised to support Co-operative ownership of the Orange Community Renewable Energy Park.

A transacting member of the Co-operative purchases or consumes energy generated directly or indirectly by the Co-operative and participates in programs service relating to energy usage and energy efficiency.

Prior to the Co-operative being able to offer shares, a Disclosure Statement which has been presented to the Regulator must be issued.

There are several potential benefits for the community resulting in positive public perceptions. These include;

- Wider access to renewable energy
- Potential substantial cost savings in energy bills
- Strengthened resilience to power interruptions and price changes
- Enhanced security of local electricity supply

Further details regarding the Energy Democracy Central West NSW Co-operative are in the Disclosure Statement.

A REQUEST FOR ACTIVE SUPPORT FROM ORANGE CITY COUNCIL

Energy Democracy believes Orange City Council will financially benefit from becoming a transacting member of the Central West New South Wales Co-operative and as well, entering into a power purchase agreement (PPA) to purchase some of the surplus generation from the community-owned solar park.

In addition to the potential savings, Council's support as a participant and purchaser in the Co-operative will be a demonstrable commitment to reducing the impact of climate change and supporting the achievement of Council's strategic priorities.

Energy Democracy therefore requests Orange City Council to make allowance for an investment in Energy Democracy Central West New South Wales Co-operative, on the basis that the investment will provide an acceptable financial return in addition to the social, environmental and economic benefits described above.

NEXT STEPS

Further analysis is required to establish the benefit of becoming a member and entering into a Power Purchase Agreement. Energy Democracy requests a copy of Council's energy bills to enable that analysis to take place.

Council review the Terms Sheet of a Power Purchase Agreement for the purchase of surplus electricity generated at the Orange Community Renewable Energy Park.

A Disclosure Statement will be issued during December to Orange City Council, prior to it becoming a member in the Energy Democracy Central West NSW Co-operative.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

5.2 ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE 2020 AND BEYOND -
EDUCATION SUB-GROUP

BACKGROUND

A priority project model was adopted in May 2018 to focus ESCC activity. The rationale for this was to fill gaps (rather than duplicate), promote active contribution, set achievable goals, and make the best use of existing resources within a tight timeframe. The agreed project areas for 2018/19 were: Education, Energy, Biodiversity, Plastics and Water Cycle.

Working groups formed to work on specific projects under each of the project areas. The Education Working Group had a dual focus - community education on sustainability and internal communications amongst ESCC members.

This latter role was the basis for a combined project progress report that was tabled at the October

ESCC meeting with some of the key findings being that:

- 3 of the 5 project working groups were active with work plans for 2020
- there are a wide range of objectives and actions
- the groups had achieved variable levels of collaboration with Council staff, and
- one of the priority roles of the working groups was to set the ESCC agenda.

ISSUES

Moving forward, there are a number of parameters and issues for the ESCC to consider in making the best use of members' time. These include:

- the current ESCC finishes in September 2020 – there will only be three to four more meetings of the committee in its current form
- the committee meets for 1½ hours every 2 months with many issues, interests, skills and members
- the combined project team report raised some potential confusion and frustration with the operation and purpose of ESCC - is it "consultative, collaborative, a forum" or all three?
- all ESCC members need to feel able to contribute regardless of whether they're part of a project team or not.

Some of these issues are common to many of the Council community committees that currently operate. There is the potential for ESCC to be a 'testing ground' for new or revised processes that could have benefit for other committees. Areas for potential improvement include:

- the flow of communication between Councillors, Council staff and community members
- better awareness and understanding of the skills, interests and representation that each community member brings to the committee
- getting a balance between the beneficial crosscutting membership and interests of an ESCC brains trust versus the flexibility to commit short term to one 'crisis' issue
- more affirmative recognition and celebration of ESCC volunteer input
- possible review and updating of guidelines for the conduct of its consultative committees.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE**13 DECEMBER 2019****5.2 Environmental Sustainability Community Committee 2020 and Beyond - Education Sub-Group**

RESPONSE

In response to the issues identified, there are a number of proposed actions for the ESCC's consideration:

- the ESCC continues with the priority project model to maximise the time remaining
- promote to future ESCC the benefits of the priority project model - conduct workshop, select projects, establish teams, review and reboot
- work with Council staff to update consultative committee guidelines to clarify purpose and expectations with input from the ESCC experience
- ESCC meeting agenda should be developed to allow for:
 - consultation between Council staff and community members including briefings on current and future outstanding issues, the provision of information to assist community members become better advocates, and opportunities for community member input
 - collaboration - ESCC working groups to report on progress and seek advice
 - a forum for discussion of high level, outstanding issues and decisions on follow up action
- for any future ESCC, create a members only contact and interest list and set up a members only information and off-line discussion system.

RECOMMENDATION

That

- 1 The current working groups aim to complete their work plans for the identified priority projects by September 2020
- 2 The Environmental Sustainability Community Committee continues to develop the consultation, collaboration and forum agenda hierarchy for setting agendas
- 3 The Education Working Group prepares a handover report that highlights the results, lessons and benefits of the Environmental Sustainability Community Committee to Council and the Community
- 4 The Committee note the report, including the issues identified and proposed responses

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

5.3 IMPACT OF CHANGING WEATHER CONDITIONS IN ORANGE - BY ROBERT ALFORD

Over a period, we have seen across the world and in our own community weather variations that have not been seen in our lifetime.

The weather plays a major part in the community and the operation of the service provided by Orange City Council.

Some of concerns for Orange and the region are listed below:

- 1 The well-being of the community.
 - a) Weather and people's health.
 - b) The future of people's employment and the community.
 - c) The medical services and support of the community.
 - d) The social break down of the community.
- 2 The additional cost to the community and the council.
 - a) The increase in energy to cover the weather extremes.
 - b) The impact of weather on the roads and other infrastructure.
 - c) Water Supply for the community in Orange Council area and the farming areas around Orange,
- 3 The environment in the Orange area and the region.
 - a) The fauna and flora in the Orange Local Government area and the region
 - b) The higher risk of bush fires in the region.
- 4 Education re weather and the future for hotter and dryer conditions and the extremes of weather.
 - a) Weather emergencies and support.
 - b) Better information on weather for the Orange City area.
 - c) Early warning to the community of weather conditions and sustainability.

It is recommended that the Environmental Sustainability Community Committee set up a working group to undertake the following:

- 1 Research the weather changes that have occurred in the Orange area and the region over the last 50 years.
- 2 Prepare an action plan for Orange to meet the projected weather changes that have been predicted by the CSIRO and weather services
- 3 Determine what is being planned by the NSW and Federal Government in terms of addressing the impacts of the changing climate
- 4 Investigate what grants/funding can be sourced to support the Environmental Sustainability Community Committee in undertaking the above.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

13 DECEMBER 2019

3.11 Impact of Changing Weather Conditions in Orange - by Robert Alford

5.4 MEETING DATES - 2020

The Committee needs to determine the meetings dates for the upcoming year, until September 2020.

As per the Committee Charter, adopted by ESCC at their meeting of 23 February 2018, Meeting Frequency is stipulated as:

"Bi-monthly, with specific meeting dates and times to be determined by the Committee."

It is recommended that the first meeting of the Committee occur after the first Council Meeting of 2020, which is scheduled for 4 February 2020.

2.3 MINUTES OF THE ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE - 14 FEBRUARY 2020

RECORD NUMBER: 2020/494

AUTHOR: Lindsay Hall, Sustainability Officer

EXECUTIVE SUMMARY

The Environmental Sustainability Community Committee met on 4 February 2020 and the recommendations from that meeting are presented to the Environmental Sustainability Policy Committee for adoption.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “7.1 Preserve - Engage with the community to develop plans for growth and development that value the local environment”.

FINANCIAL IMPLICATIONS

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

- 1 That Council acknowledge the reports presented to the Environmental Sustainability Community Committee at its meeting held on 14 February 2020.**
- 2 That Council determine recommendations 3.3 and 3.5 from the minutes of the Environmental Sustainability Community Committee meeting of 14 February 2020 being:**

Item 3.3 Water Update

That Council’s Staff provide a short report summarising notes, ideas and suggestions from the community water forums which were held over January and February 2020

Item 3.5 Update Orange Transitioning to a Water Sensitive City

That the Environmental Sustainability Community Committee recommends to the Environmental Sustainability Policy Committee that council appoint staff necessary to engage with the Cooperative Research Centres Water Sensitive Cities to develop a strategy to compile information for preliminary report, Orange transition to a Water Sensitive City, to be completed for presentation to Orange City Council for consideration.

- 3 That the remainder of the minutes of the Environmental Sustainability Community Committee at its meeting held on 14 February 2020 be adopted.**

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation's impact on Council's service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

ATTACHMENTS

- 1 Minutes of the Meeting of the Environmental Sustainability Community Committee held on 14 February 2020
- 2 ESCC 14 February 2020 Agenda, D20/14486 [↓](#)

ORANGE CITY COUNCIL

MINUTES OF THE

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

HELD IN COUNCILLORS WORKROOM, CIVIC CENTRE, BYNG STREET, ORANGE

ON 14 FEBRUARY 2020

COMMENCING AT 8.00AM

1 INTRODUCTION

ATTENDANCE

Cr S Nugent (Chairperson), Cr J McRae, Ms Shahreen Alford, Mr Robert Alford, Mrs Melissa Brown, Miss Anwen Carney, Mr Ronald Finch, Mr Gavin Hillier, Mrs Kate Hook, Mr Andrew Kennedy, Mr Nick King, Ms Melanie McDonell, Mrs Anne Salter, Mr Cyril Smith, Ms Kate Willoughby, Mr Ken Freedman, Mrs Maria Shaw, Ms Katherine Allan, Chief Executive Officer, Director Development Services, Water Treatment Manager, Manager City Presentation Manager Waste Services and Technical Support, Water and Sewerage Strategic Manager, Water Management Officer

1.1 Apologies and Leave of Absence

RECOMMENDATION

Mr A Kennedy/Ms M McDonell

That the apologies be accepted from Cr M Previtera, Mrs Neina Campbell, Museum and Heritage Coordinator, Peter West for the Environmental Sustainability Community Committee meeting on 14 February 2020.

1.2 Acknowledgement of Country

1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests

Nil

2 PREVIOUS MINUTES

RECOMMENDATION

Mr R Alford/Ms S Alford

That the Minutes of the Meeting of the Environmental Sustainability Community Committee held on 13 December 2019 (copies of which were circulated to all members) are hereby confirmed as a true and accurate record of the proceedings of the Environmental Sustainability Community Committee meeting held on 13 December 2019 with the exception of Item 5.2 as follows:

5.2 - That the 'Education and Priority Project Group' be replaced with 'Cr Stephen Nugent and Andrew Kennedy' and, that the second key point be changed to the following 'The committee would like to create a 'Legacy document' for the next ESCC group to consider'.

MATTERS ARISING

Mr R Alford/Ms S Alford

Item 5.1 Energy Democracy –The matter should not be considered further by ESCC due to the commercial nature of the item

3 PRESENTATIONS

3.1 SUSTAINABLE LIVING WEEK - UPDATE REPORT

TRIM REFERENCE: 2019/2819

Verbal report

RECOMMENDATION

Mr A Kennedy/Mr R Finch

That the Environmental Sustainability Community Committee invite John Mills to provide a presentation/update at the next ESCC meeting, on Sustainable Living Week.

3.2 BEES WAX WRAP UPDATE - KATE WILLOUGHBY

TRIM REFERENCE: 2020/47

Beeswax wrap stall was a huge success at sustainable living week and was received well with plenty of interest.

Beeswax wraps provide an alternative to foil and plastic wraps.

As a result Kate is working with the Wellington Landcare group to educate their community of the benefits of beeswax wraps.

There are currently 50 members of the Amateur Beekeepers Association who are currently investigating the potential to install a fenced area at Orange City Council's Environmental Learning Facility to be able to hold bee hives and provide education opportunities.

RECOMMENDATION

Mr A Kennedy/Ms M McDonell

That the verbal report presented by Kate Willoughby be acknowledged.

3.3 WATER UPDATE

TRIM REFERENCE: 2020/83

Verbal Report and presentation.

Water forums are currently being conducted by Councils Water team for businesses who are in the top 50 for commercial water use. These includes pubs, hotels, aged care providers and clubs. Of the top 50 identified commercial water users, 32 water audits have been completed by Council. Once all of these businesses are audited, contact will be made by Council staff regarding progress with audit recommendations.

The Smart meter project will assist local businesses to better manage and track their water use. The project will see the replacement of existing water meters of the top 50 water users with a Smart meter which provides real time data to the cloud and can be reviewed via an application at any time. This project is expected to be rolled out by June 2020.

RECOMMENDATION

Mr A Kennedy/Mr N King

That Council staff provide a short report summarising notes, ideas and suggestions from the community water forums which were held over January and February 2020.

RECOMMENDATION

Mr A Kennedy/Mr N King

That the verbal report presented by Council's Water and Sewerage Strategic Manager be acknowledged.

The Water and Sewerage Strategic Manager left the meeting with the time being 9am

*** The Water Management Officer left the meeting with the time being 9am***

3.4 UPDATE ON TRIALLING DUAL WASTE BINS IN THE CBD - WAYNE DAVIS

TRIM REFERENCE: 2020/214

Verbal report.

RECOMMENDATION

Ms M McDonell/Mr A Kennedy

That the verbal report presented by Council's Manager Waste Services and Technical Support be acknowledged.

3.5 UPDATE ORANGE TRANSITIONING TO A WATER SENSITIVE CITY - CYRIL SMITH

TRIM REFERENCE: 2020/251

Verbal Report

RECOMMENDATION

That the Environmental Sustainability Community Committee recommends to the Environmental Sustainability Policy Committee that Council appoint staff necessary to engage with the Cooperative Research Centres Water Sensitive Cities to develop a strategy to compile information for a preliminary report, Orange transition to a water Sensitive City, to be completed for presentation to Orange City Council for consideration.

3.6 WATER USE IN ORANGE AND THE NATURAL ENVIRONMENT - INCOMING CORRESPONDENCE

TRIM REFERENCE: 2020/255

Letter relating to water use and in Orange and the Natural Environment.

RECOMMENDATION

Mr C Smith/Mrs A Salter

That the Environmental Sustainability Community Committee note the letter for further discussion.

3.7 CLIMATE CHANGE

TRIM REFERENCE: 2020/261

Council's current approach is to develop a framework that includes identified climate change risks (Echelon risk report) and develop a supplementary management plan with community consultation.

RECOMMENDATION

Member K Willoughby/Mrs K Hook

That the verbal report presented by Council's Chief Executive Officer be acknowledged.

Cr J McRae left the meeting with the time being 9.30am

Chief Executive Officer left the meeting with the time being 9.30am

Mr Ken Freedman left the meetings with the time being 9.30am

3.8 BIODIVERSITY MAPPING UPDATE

TRIM REFERENCE: 2020/262

Council staff have engaged local community biodiversity groups to assist in collating available information from any previous studies or projects regarding threatened species in the Orange Local Government area.

Environmental Factor have provided Council with a draft map containing layers for existing water corridors, plant community types (based on canopy) and some known records of threatened species. Council staff will be 'Ground Truthing' remnant vegetation in areas outlined for potential future development by the Local Housing Strategy (in development). The map is expected to be completed in May 2020 and will inform both the Local Housing Strategy and Council's Local Environmental Plan

RECOMMENDATION

That the verbal report presented by Council's Manager City Presentation be acknowledged

THE MEETING CLOSED AT 9.44AM



ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

AGENDA

14 FEBRUARY 2020

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that an **ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE MEETING of ORANGE CITY COUNCIL** will be held in the **COUNCILLORS WORKROOM, CIVIC CENTRE, BYNG STREET, ORANGE** on **Friday, 14 February 2020** commencing at **8.00AM**.

David Waddell
CHIEF EXECUTIVE OFFICER

For apologies please contact Margaret Morgan on 6393 8049.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

14 FEBRUARY 2020

AGENDA**EVACUATION PROCEDURE**

In the event of an emergency, the building may be evacuated. You will be required to vacate the building. The Committee Clerk will now identify the emergency muster point.

Under no circumstances is anyone permitted to re-enter the building until the all clear has been given and the area deemed safe by authorised personnel.

In the event of an evacuation, a member of Council staff will assist any member of the public with a disability to vacate the building.

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ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

14 FEBRUARY 2020

1 INTRODUCTION**MEMBERS**

Cr S Nugent (Chairperson), Cr J McRae, Cr M Previtera, Ms Shahreen Alford, Mr Robert Alford, Mrs Melissa Brown, Miss Anwen Carney, Mr Ronald Finch, Mr Daniel Fock, Mr Gavin Hillier, Mrs Kate Hook, Mr Andrew Kennedy, Mr Nick King, Dr David Mallard, Ms Melanie McDonnell, Mrs Anne Salter, Mr Cyril Smith, Mr Peter West, Ms Kate Willoughby, Mr Ken Freedman, Director Development Services, Manager Building and Environment, Water Treatment Manager, Manager City Presentation, Manager Waste Services and Technical Support, Water and Sewerage Strategic Manager, , Parks Supervisor, Project and Research Officer, Water Management Officer

1.1 APOLOGIES AND LEAVE OF ABSENCE

Mrs Neina Campbell, Museum and Heritage Coordinator

1.2 ACKNOWLEDGEMENT OF COUNTRY

I would like to acknowledge the Wiradjuri people who are the Traditional Custodians of the Land. I would also like to pay respect to the Elders both past and present of the Wiradjuri Nation and extend that respect to other Aboriginal Australians who are present.

1.3 DECLARATION OF PECUNIARY INTERESTS, SIGNIFICANT NON-PECUNIARY INTERESTS AND LESS THAN SIGNIFICANT NON-PECUNIARY INTERESTS

The provisions of Chapter 14 of the Local Government Act, 1993 (the Act) regulate the way in which Councillors and designated staff of Council conduct themselves to ensure that there is no conflict between their private interests and their public role.

The Act prescribes that where a member of Council (or a Committee of Council) has a direct or indirect financial (pecuniary) interest in a matter to be considered at a meeting of the Council (or Committee), that interest must be disclosed as soon as practicable after the start of the meeting and the reasons given for declaring such interest.

As members are aware, the provisions of the Local Government Act restrict any member who has declared a pecuniary interest in any matter from participating in the discussion or voting on that matter, and requires that member to vacate the Chamber.

Council's Code of Conduct provides that if members have a non-pecuniary conflict of interest, the nature of the conflict must be disclosed. The Code of Conduct also provides for a number of ways in which a member may manage non pecuniary conflicts of interest.

RECOMMENDATION

It is recommended that Committee Members now disclose any conflicts of interest in matters under consideration by the Environmental Sustainability Community Committee at this meeting.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

14 FEBRUARY 2020

2 PREVIOUS MINUTES**RECOMMENDATION**

That the Minutes of the Meeting of the Environmental Sustainability Community Committee held on 13 December 2019 (copies of which were circulated to all members) be and are hereby confirmed as a true and accurate records of the proceedings of the Environmental Sustainability Community Committee meeting held on 13 December 2019.

ATTACHMENTS

- 1 Minutes of the Meeting of the Environmental Sustainability Community Committee held on 13 December 2019

ORANGE CITY COUNCIL**MINUTES OF THE****ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE****HELD IN COMMITTEE ROOM 3, CIVIC CENTRE, BYNG STREET, ORANGE****ON 13 DECEMBER 2019****COMMENCING AT 8.02AM**

1 INTRODUCTION**ATTENDANCE**

Cr S Nugent (Chairperson), Cr J McRae, Cr M Previtera (8.24am), Ms Shahreen Alford, Mr Robert Alford, Mrs Neina Campbell, Mr Ronald Finch, Mr Andrew Kennedy, Mr Nick King, Dr David Mallard, Ms Melanie McDonell, Mrs Anne Salter, Mr Cyril Smith, Mr Peter West, Ms Kate Willoughby, Chief Executive Officer, Acting Director Development Services, Manager Waste Services and Technical Support, Water and Sewerage Strategic Manager, Manager Depot, Airport and Emergency Services

1.1 Apologies and Leave of Absence**RECOMMENDATION****Cr J McRae/Mr P West**

That the apologies be accepted from Miss Anwen Carney Mr Daniel Fock, Mrs Kate Hook for the Environmental Sustainability Community Committee meeting on 13 December 2019.

1.2 Acknowledgement of Country**1.3 Declaration of pecuniary interests, significant non-pecuniary interests and less than significant non-pecuniary interests**

Chief Executive Officer declared a less than significant non-pecuniary interest in Item 5.1 - Energy Democracy as he owns property nearby a development proposal associated with the report.

Crs J McRae, S Nugent and M Previtera declared a less than significant non-pecuniary interest in Item 5.1 - Energy Democracy as Councillors they will be involved in the decision making process in regards to a development proposal associated with the report.

MINUTES OF ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE 13 DECEMBER 2019

2 PREVIOUS MINUTES**RECOMMENDATION****Cr J McRae/Mr R Finch**

That the Minutes of the Meeting of the Environmental Sustainability Community Committee held on 18 October 2019 (copies of which were circulated to all members) be updated to reflect changes in item 4.1 and 5.2, and can hereby confirmed as a true and accurate record of the proceedings of the Environmental Sustainability Community Committee meeting held on 18 October 2019.

3 COUNCIL UPDATES**3.1 ENERGY PROCUREMENT**

TRIM REFERENCE: 2019/2780

Council's Chief Executive Officer updated the Committee on Energy Procurement.

The process started with CENTROC (now the JO) getting their member Councils to "bulk up" their energy usage before going to market. Orange City Council resolved to aim for 20% renewable energy to be included if it was financially the smarter option. Due to government crack downs on Solar Farms in South Australia, it wasn't financially in Council's best interest to procure 20% renewables. Currently they are involved in a 3 year contract, which includes 14.5% renewables (the Grid level). During the term of the contract, Council can procure up to 20% renewables without breaching the contract.

Orange City Council currently has \$700,000 saved for use on future energy projects, which is in addition to the \$500,000 Council will save from the Southern Lights LED Project.

RECOMMENDATION**Ms M McDonell/Mr A Kennedy**

That the verbal report presented by Council's Chief Executive Officer be acknowledged

3.2 WATER UPDATE

TRIM REFERENCE: 2019/2781

Council's Chief Executive Officer and Water and Sewerage Strategic Manager updated the Committee on Water.

Council has received \$5 Million in funding to put towards projects that will assist with the future Water Security of Orange. \$2.5 Million will be used on the construction of a pipeline to pump water from Spring Creek Reservoir directly to the water treatment plant on Icely Road, ultimately bypassing Suma Park Dam. This project will aim to be completed by June 2020. The other \$2.5 Million will be used on the second stage of the Blackmans Swamp Stormwater Harvesting system.

The Committee requested that the link to the Integrated Water Cycle Management information and information on the Blackmans Swamp upgrade be distributed to members. This information is available on Council's website.

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The Committee was also advised that Orange City Council will be enforcing Level 5A water restrictions in the near future. The trigger point for moving to Level 5A is 25%, the current total storage is around this mark. Staff are meeting next week to discuss and present their findings and recommendation/s to the Councillors for a decision to be made.

Water Forums for businesses and housing will continue in the new year. A housing summit will be in Orange next week and they will be addressed regarding water.

An application by Council has been made to the State Government under the Critical Needs Act to lower the trigger point for pumping via the Macquarie Pipeline from 108 megalitres to 30 megalitres. This would be a temporary arrangement which would waver once water levels rise above the 'emergency' level, which is 50%. *(continued over page)*

An application has also been made for a permanent change to reduce the threshold from 108 megalitres to 70 megalitres. This would mean that the threshold in emergency situations (should the first application be approved) would be 30 megalitres and outside of this return to 70 megalitres instead of 108. A new application to again lower the threshold would need to be submitted in future for emergencies.

RECOMMENDATION**Dr D Mallard/Ms M McDonell**

That the verbal report presented by Council's Chief Executive Officer and Water and Sewerage Strategic Manager be acknowledged

4 PRIORITY PROJECT TEAM UPDATES**4.1 WATER PRIORITY PROJECT TEAM UPDATE**

TRIM REFERENCE: 2019/2785

Committee Member Mr C Smith distributed a report to the Committee via email on Thursday 12 December 2019, and as a hardcopy at the meeting.

A discussion was held in regards to the motions presented in the report.

Permanent Water Saving Rules

A motion was presented to the Committee to request these be developed and subsequently adopted as part of the Integrated Water Cycle Management (ICWM). These 'rules' would essentially replace Level 1 and Level 2 Water Restrictions, and be enforced permanently, regardless of the water levels, i.e. continuous/permanent Level 2 restrictions enforced. Permanent Water Saving Rules are in place across Victoria.

The State Government of NSW is looking to review the current Water Restrictions. The "levels" system is familiar across the state. There is concern that changing the first two levels to 'rules' and enforcing levels thereafter may cause confusion with residents and visitors who are already familiar with and adapted to the current restrictions system.

Stormwater Harvesting System

A motion was presented to the Committee requesting a report be prepared detailing the future development of the Stormwater Harvesting System (SWHS) for the next 5 years. Reference was made to Item 3.2 - Water Update, where a request was made for the information currently available on the ICWM (including the SWHS Plans) to be circulated to the Committee.

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The motion was subsequently amended to request that the information already available i.e. the link being circulated (see above) be investigated by the Water Priority Project team to identify any gaps before reporting back to the Committee. A report can then be requested to fill these information gaps for the Committee and Community.

Other Business

Water Table Data shows that levels have dropped, this is relevant as a lot of water users have private bores. Staff met with the Drought Co-ordinator who has offered the services of the Departments Hydrogeologist to assist with research in this area.

(continued over page)

Full Time Water Ranger has been appointed and is contracted for the next 12 months.

There is a Stakeholders Reference group which includes all people identified as being affected by proposed changes to the downstream flows

RECOMMENDATION**Mr C Smith/Mrs A Salter**

That the Committee request Council staff investigate the idea of "Permanent Water Saving Rules" to 'replace' Levels 1 and 2 Water Restrictions in Orange and report back to the Committee with their findings

RECOMMENDATION**Cr J McRae/Mr R Finch**

That the request for a Report on the 5 year future plans for the Blackmans Swamp Stormwater Harvesting System be deferred until the Water Priority Project Team has had an opportunity to assess the current available information to identify gaps etc. and present their findings to the Committee at a future meeting.

Cr Previtera arrived with the time being 8.24am

4.2 ENERGY PRIORITY PROJECT TEAM UPDATE

TRIM REFERENCE: 2019/2782

The Council building chiller project has been undertaken and is producing good results. They project good savings on energy and costs. The system has assisted in correcting issues to do with poor power factors.

The system acts like a single room airconditioning unit by pumping out warm air. It could assist in replacing thermal radiant heating in the cooler months.

Consideration should be made in terms of integrating all of the systems into one, rather than having rooms/areas in the buildings that have a separate air conditioning system.

The LED Lights project in Summer Street has been completed and projects savings of \$30,000/year. One concern is the brightness of the lights, due to glare, however feedback has been positive so far.

The LED Bulbs for the Southern Lights Project are in Orange. It is anticipated that all the bulbs in Orange will be replaced by the end of the Financial Year. A good place to go to see the difference these bulbs make is Cargo Road.

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The Sustainability Officer - interviews have been completed and staff have a suitable candidate to appoint. Currently in the process of getting the offer out for them to start early January 2020. The position will report to the Manager Building and Environment and will be involved in both Organisational and Strategic Roles. They will also be taking over as Committee Clerk for the Committee.

Projects

Animal Shelter Solar Project is underway.

The Aquatic Centre Solar Project is on the books for 2020.

Council's Manager Depot, Airport and Emergency Services spoke to the Committee regarding the Airport Solar Project. Council has received a grant which will be used to fund a secure carport at the airport. Solar Panels will be put on the roof of the structure and produce 100kw Solar for the airport to utilize. *(recommendations over page)*

RECOMMENDATION**Mr R Alford/Mr A Kennedy**

That a congratulations be extended to Council staff involved with the Chiller project on behalf of the Committee.

RECOMMENDATION**Ms S Alford/Ms K Willoughby**

That the remainder of the discussion be acknowledged.

*** Water and Sewerage Strategic Manager left with the time being 8.39am ***

4.3 WASTE UPDATE

TRIM REFERENCE: 2019/2783

Council's Manager Waste Services and Technical Support presented an update to the Committee on Waste.

On 19 October 2019, the annual Hazardous Waste Collection day was conducted. Numbers were down significantly from last year in both patronage and volume of waste collected. This is attributed to CRC.

In February, a regional tyre tender will be undertaken by J R Richards, due to the contract with JRW being near expiry.

The team has created an Educational Video on Council's Resource Recovery Facilities at Ophir and Euchareena Road. It is targeted to school children and addresses Waste Management Operations across both facilities.

Council is working with Envirocom to assist in waste auditing with Businesses in Orange. They're offering free advisory services for businesses to assist them in better resource recovery. Any resources required will also be given to businesses in the first instance at no cost to them.

They have also been undertaking residential waste audits. Last week, 500 organics bins were audited. Preparation is in the final stages for the audit of 500 recycling bins. Envirocom go out before the J R Richards waste collection trucks and check the bins selected for audit. A 'sticker' with a ☺ (for bins where no contamination is found) or ☹ (for contaminated bins) is then left on the bin with information regarding what can and can't go in each bin.

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The Committee was informed about TerraCycle - a company that specialises in hard to recycle materials like Batteries and toothbrushes. They have been involved with some Councils, e.g. Cairns, by providing collection boxes for specific items. There is a charge involved for collection, approx. \$180/box. Colgate also does free collection of Oral Hygiene items, i.e. toothbrushes etc.

RECOMMENDATION**Ms K Willoughby/Ms M McDonell**

- 1 That the Plastics (Waste) Priority Projects Team and Council's Manager Waste Services and Technical Support investigate the feasibility of engaging with TerraCycle in Orange, including budget requirements.
- 2 That the remainder of the discussion be acknowledged.

*** Cr J McRae left with the time being 8.51am ***

4.4 BIODIVERSITY PRIORITY PROJECT TEAM UPDATE

TRIM REFERENCE: 2019/2784

Committee Member Mr P West presented an update on Biodiversity to the Committee.

The Threatened Species Information has been presented to the Committee and others previously. A hardcopy report and Map was passed around at the meeting for the Committee to note. The data collected is currently restricted specifically to the Orange LGA.

Process

2014 - Inventory was taken of existing data sets in regards to threatened species. This was then collated and any gaps identified.

Now- Data sets from other organisations are being collected and combined to create a more detailed picture. This data will be used to inform the LEP and identify areas for conservation and restoration.

Wednesday 18 December - A workshop is being held at ELF from 11-2. This is an opportunity for 'localised' data to be collected from individuals and small groups/organisations. It will hopefully provide more detailed/finer data sets to be integrated into the existing data.

The hope is for the 'completed' Biodiversity Data set to be able to be passed onto State Government and associated organisations, and assist in guiding future surveys.

RECOMMENDATION**Dr D Mallard/Mr Nick King**

That the verbal report presented to the Committee be acknowledged.

Manager Depot, Airport and Emergency Services left with the time being 9.03am

Mr Nick King left with the time being 9.04am

MINUTES OF ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE 13 DECEMBER 2019**4.5 PLASTICS PRIORITY PROJECT TEAM UPDATE**

TRIM REFERENCE: 2019/1648

Ms Melanie McDonell and Ms Kate Willoughby provided an update in conjunction with the Plastics Report, to the Committee.

Coles and Woolworths currently have collection points for soft plastics and 'Lids for Kids'. A request was made to see if Council could set up a community collection point for the same purposes. A suggestion was made that this could be included with the TerraCycle collection bins.

A request was made that Council Staff investigate implementing a single use plastic bag ban and start phasing out single use plastics such as cheap take-away containers etc. This type of ban is already in place in a lot of areas.

An update on the "Environmental Leadership Awards" has been requested.

RECOMMENDATION**Ms K Willoughby/Ms M McDonell**

The Environmental Sustainability Community Committee recommends that:
(continued over page)

- 1 Council investigate the cost and potential locations for 6 to 10 additional water bottle filling stations in the CBD and other areas in the city with high pedestrian traffic.
- 2 Council investigate the feasibility of installing a soft plastics and "Lids for Kids" collection point in a central, publically accessible location in Orange.
- 3 Council research the NZ and ACT Models for single-use plastic bag bans, as well as one at Council level and report back to the Environmental Sustainability Committee in the first half of 2020.
- 4 Council establish an inter-disciplinary team to plan for an expanded involvement in the 2020 Plastic Free July Event.

5 GENERAL BUSINESS

The Committee resolved to address Item 5.3 as the first item of General Business due to its previous deferral from the 9 August meeting.

5.3 IMPACT OF CHANGING WEATHER CONDITIONS IN ORANGE - BY ROBERT ALFORD

TRIM REFERENCE: 2019/2787

Mr Robert Alford addressed the Committee, in conjunction with the report previously provided.

Key Points raised:

- Leaders in our community, i.e. Councillors, Politicians etc., need to be made aware of the current situation caused by changing weather conditions
- This needs to happen in order for sufficient action to be taking to reduce the negative impacts and risks associated with these changes.
- Impacts affect a range of areas, including health, business, economy etc.
- A focus group (Priority Project Team perhaps) specifically to engage with the

MINUTES OF ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE 13 DECEMBER 2019

community and leaders in the community in order to raise awareness.

The Committee agreed to create a Priority Project Team to focus on this area, which will be overlooked in its initial stages by Mr Alford. The Sustainability Officer, once appointment, can assist with this Project Group. Interest is to be sent through to Mr Alford, or the Committee admin assistant.

Points 1-4 in the report consist of initial focus areas for the new Sustainability Officer.

RECOMMENDATION**Mr R Alford/Ms K Willoughby**

- 1 The Committee create a Priority Project Group for the Impact of Changing Weather Conditions (name to be decided), overseen by Committee member Mr R Alford, and interested members notify Mr Alford.
- 2 The remainder of the report and discussion be acknowledged.

5.1 ENERGY DEMOCRACY

TRIM REFERENCE: 2019/2547

Chief Executive Officer and Crs J McRae, S Nugent and M Previtera declared a less than significant non-pecuniary interest. They remained in the Meeting for the discussion.

A request was made that this item be referred to the Energy Project Priority Team for an initial look before they report back to ESCC at a meeting in 2020.

RECOMMENDATION**Mr R Alford/Ms S Alford**

That this item be deferred until the Energy Project Priority Team has an opportunity to read over the report and present their findings to the Committee at a meeting in 2020.

5.2 ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE 2020 AND BEYOND - EDUCATION PRIORITY PROJECT GROUP

TRIM REFERENCE: 2019/1640

A report was presented to the Committee by the Education Priority Project Group.

Key Points:

- It was noted that the Committee has worked on improving its partnership with Council, but further improvement is still needed.
- The Committee would like to create a "Legacy" for the next ESCC group, possibly giving them things to work off in order to assist in the Committee becoming more successful in the future.

The Education Priority Project Team will work to collate information together to 'handover' to the next Committee group after the 2020 elections and possibly assist other Community Committees in how they choose to conduct and continue in their operations with Council.

MINUTES OF ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE 13 DECEMBER 2019**RECOMMENDATION****Mr A Kennedy/Cr S Nugent**

That:

- 1 The current working groups aim to complete their work plans for the identified priority projects by September 2020
- 2 The Environmental Sustainability Community Committee continues to develop the consultation, collaboration and forum agenda hierarchy for setting agendas
- 3 The Education Working Group prepares a handover report that highlights the results, lessons and benefits of the Environmental Sustainability Community Committee to Council and the Community
- 4 The Committee note the report, including the issues identified and proposed responses

Mr Peter West left the meeting with the time being 9.17am**5.4 MEETING DATES - 2020**

TRIM REFERENCE: 2019/2786

RECOMMENDATION**Mr R Finch/Dr D Mallard**

That the following meetings for the Environmental Sustainability Community Committee be arranged for 2020:

- 1 Friday 14 February 2020
- 2 Friday 10 April 2020
- 3 Friday 12 June 2020
- 4 Friday 14 August 2020

MATTER ARISING**Member K Willoughby/Cr S Nugent**

The following report items be prepared for the first ESCC Meeting of 2020, scheduled for Friday 14 February:

- 1 Sustainable Living Week - Follow up report
- 2 Bees Wax Wrap update - Kate Willoughby

THE MEETING CLOSED AT 9.30AM.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

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3 PRESENTATIONS

3.1 SUSTAINABLE LIVING WEEK - UPDATE REPORT

Verbal Report

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3.2 BEES WAX WRAP UPDATE - KATE WILLOUGHBY

Verbal Report

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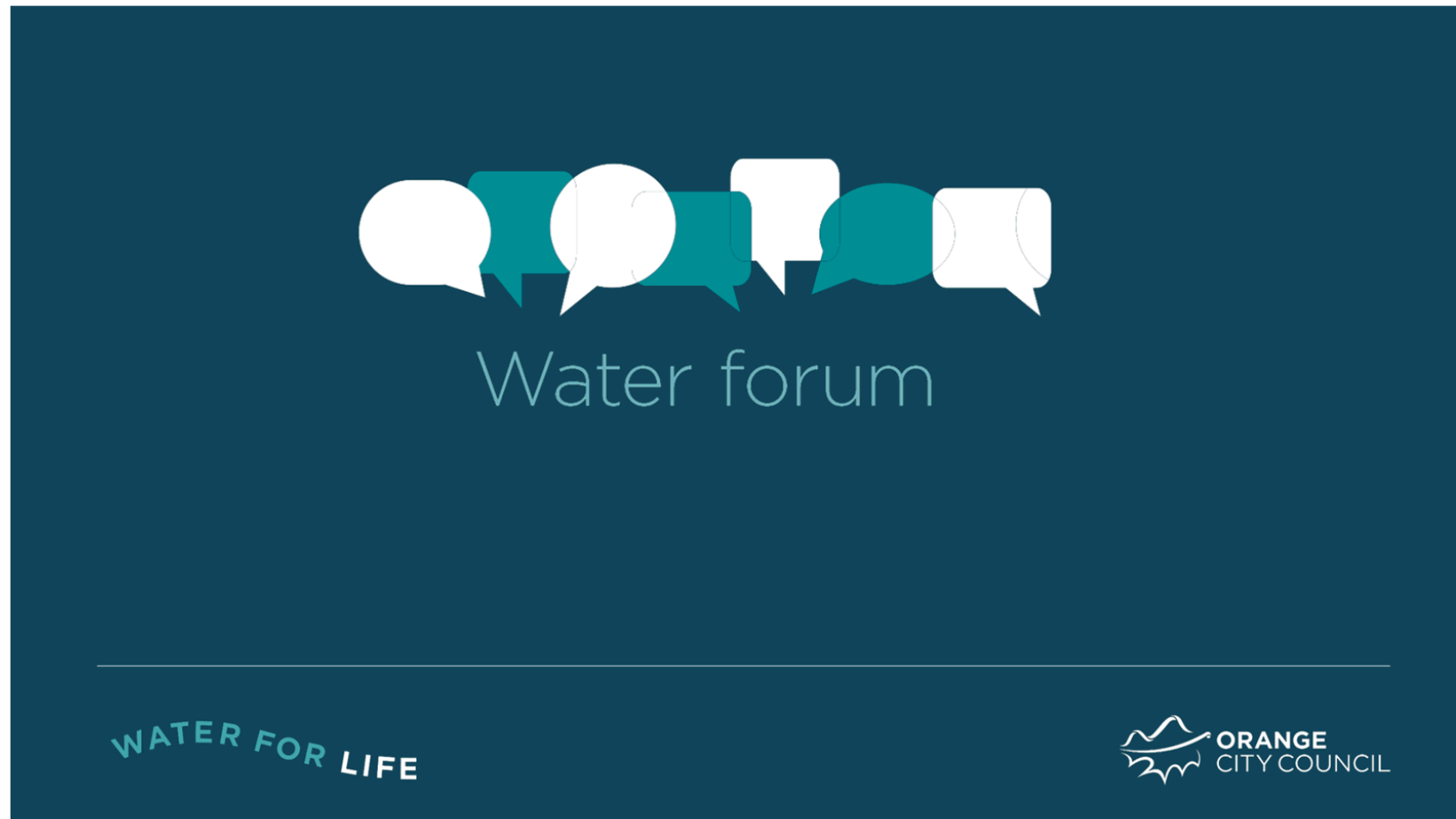
14 FEBRUARY 2020

3.3 WATER UPDATE – WAYNE BEATTY

Verbal update

ATTACHMENTS

- 1 Presentation - Water Forums - January 2020, D20/3040



Forum Structure

- Future forecast
- Managing water demand
- Managing water supply infrastructure
 - Actions underway
 - Regional options

WATER FOR LIFE

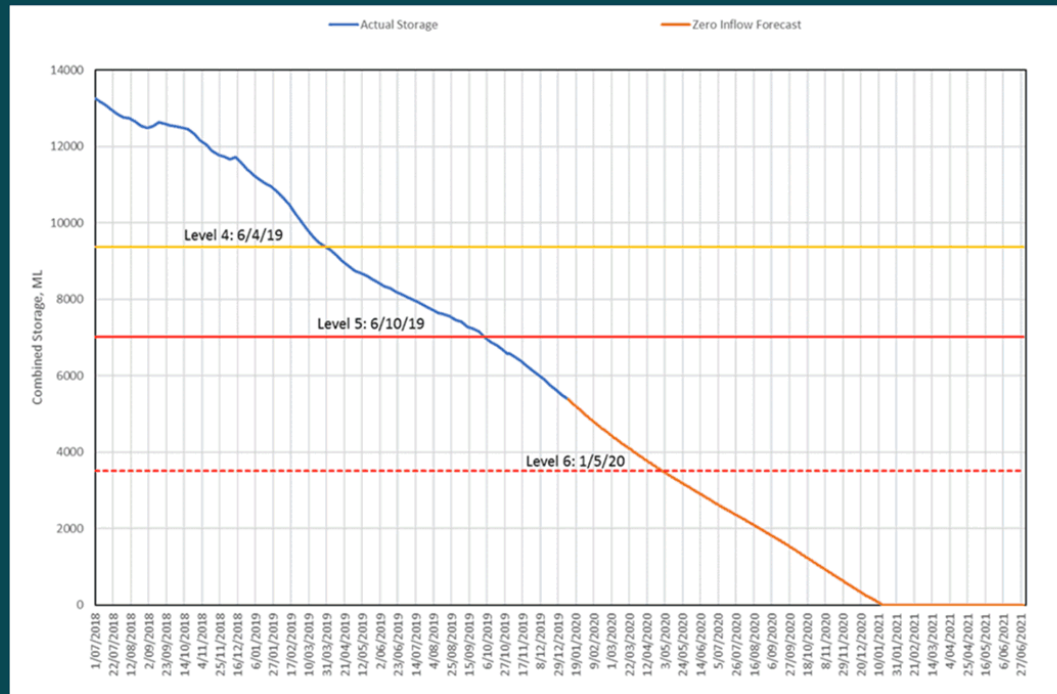


Future forecast

- No catchment run off into Suma Park Dam or Spring Creek dam
- No input from Stormwater Harvesting
- No input from Macquarie to Orange Pipeline
- No direct rainfall on the storage surface
- Evaporation loss from the storage surface
- Input from Clifton Grove Bores (only 182 ML)
- Forecast demand based on restrictions
- No environmental flow releases as less than 25% combined storage

WATER FOR LIFE





WATER FOR LIFE



Our Aim

To delay the introduction of Level 6 Water Restrictions
by:

- reducing water demand in both the residential and non-residential sectors; and
- introducing new sources of water supply by building infrastructure

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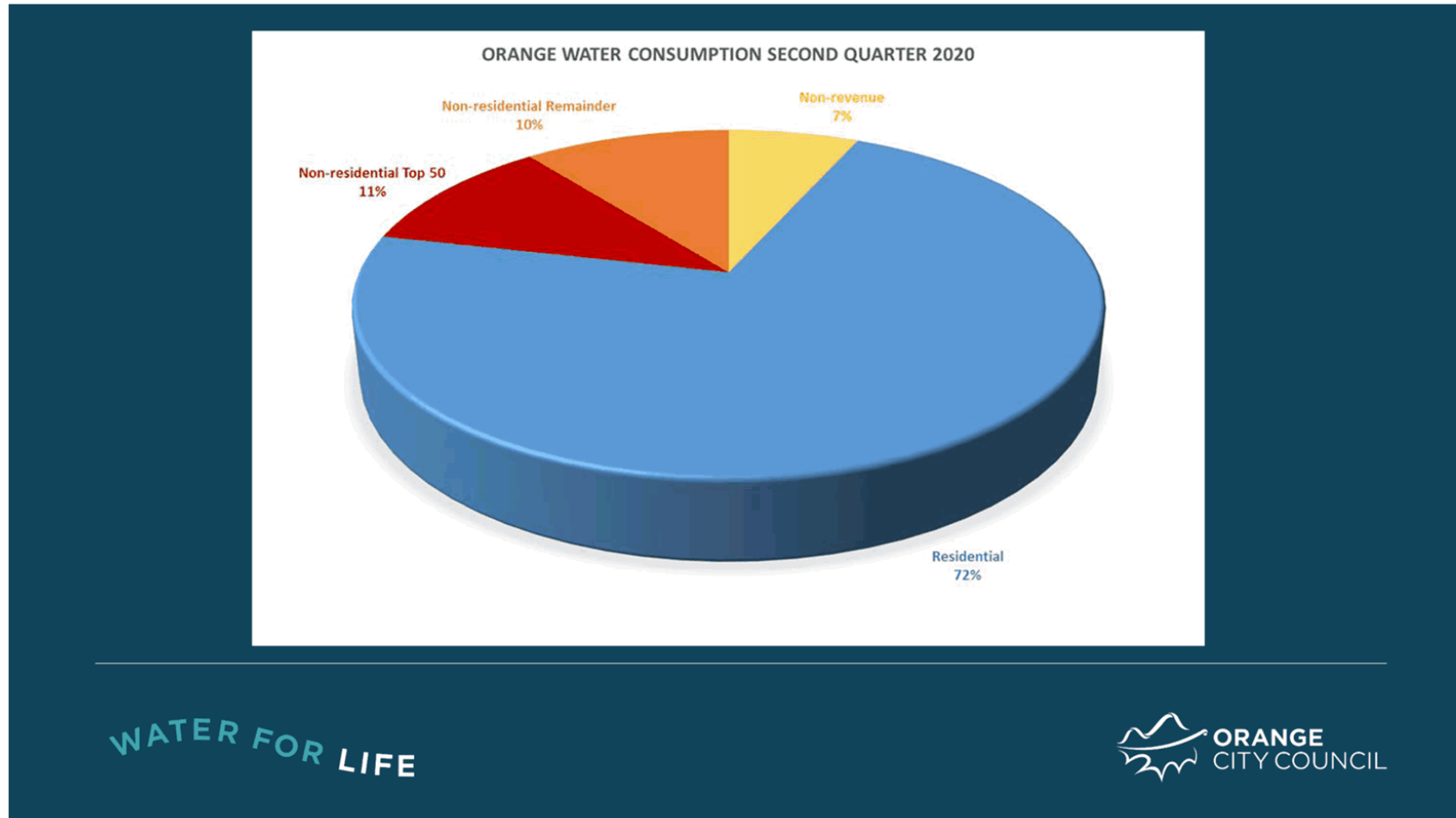
Managing Water Demand

Community engagement

- Residential sector
- Business sector

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Current Status

- Combined storage levels (Suma Park and Spring Creek Dams) currently 23%
- Level 5 Water Restrictions introduced beginning of October

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Residential Level 5 Water Restrictions

- Target 160 litres per person per day (currently 150 litres per person per day)
- One hour garden watering period (Sundays only) between 6am to 8am or 6pm to 8pm
- The one hour watering period includes:
 - Using a hand-held trigger hose for a maximum of 30 minutes
 - Using buckets or watering cans
 - Using drip irrigation systems (soaker hoses, sprinklers and micro-sprays not permitted)

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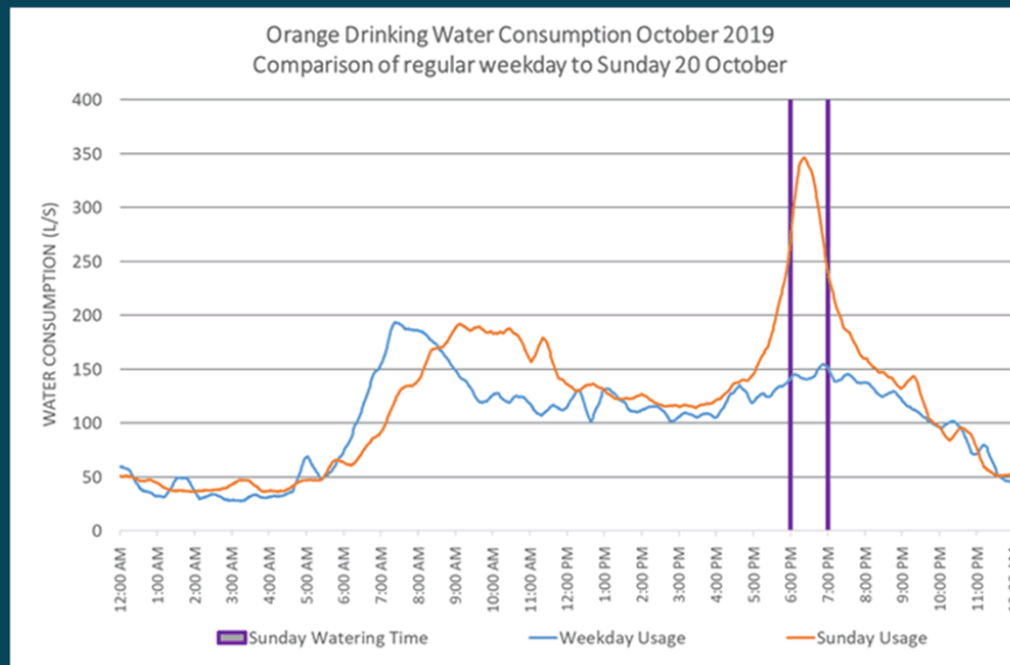


Residential Level 5 Water Restrictions cont.

- No lawn watering (including new turf)
- No washing hard surfaces
- Swimming pools not to be topped up or filled
- Garden water features not to be topped up or filled
- Car washing not permitted

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Residential Level 6 Water Restrictions

- Level 6 Water Restrictions to be introduced when combined storage drops to 15%
- Target 120 litres per person per day
- No outside water use
- Swimming pools not to be topped up or filled
- Garden water features not to be topped up or filled
- Car washing not permitted

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Engaging with the Residential Sector

- Household Water Audits
- Rainwater tank rebates
- Showerhead exchange program
- Education (media campaigns, social media, direct engagement, schools)
- Shopping Centre Displays
- Smart water metering (monitoring customer water use in real time including leakage)
- Compliance

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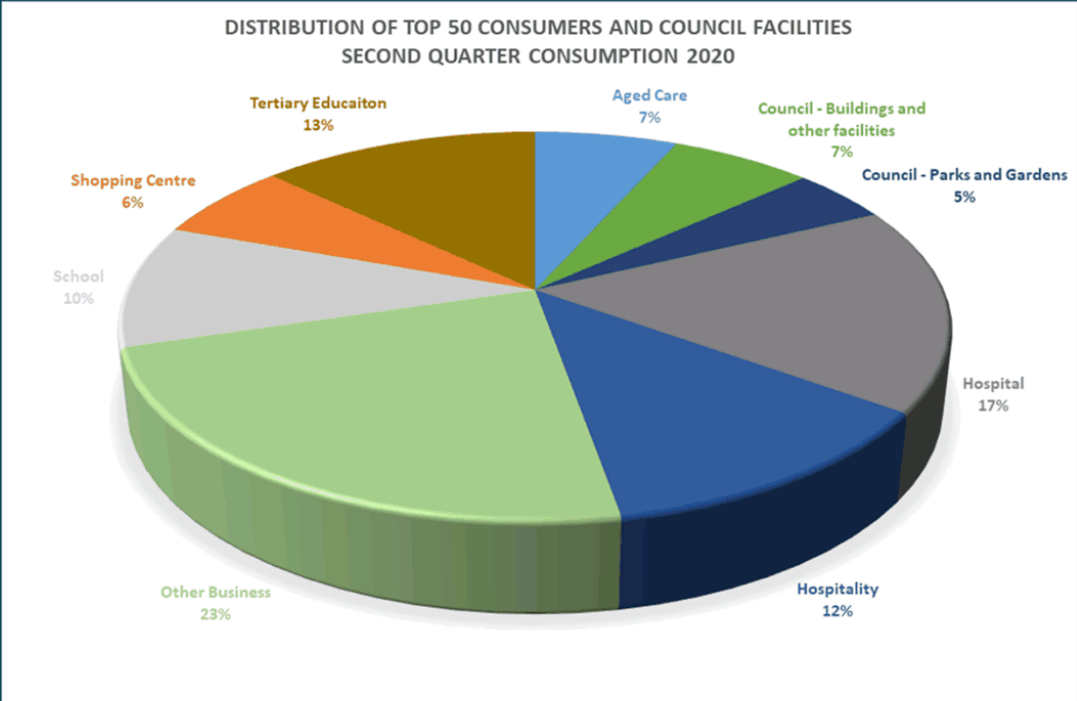


Engaging with the Non-Residential Sector

- Hospitality – hotels & motels
- Other business (Commercial & Retail)
- Schools
- Hospitals
- Aged Care
- Council – Parks and Gardens, Buildings (Civic Centre, Library/Art Gallery, Aquatic Centre)

WATER FOR LIFE





WATER FOR LIFE



Council

- Council Facilities & Buildings
 - Sewerage Treatment Plant, Aquatic Centre, Civic Centre water use reduced by 60% in the last quarter (with further reductions expected)
 - Parks and Gardens water use reduced by approximately 81% in the last quarter

WATER FOR LIFE



- Water Audits
 - Council assistance
 - Council priority is top 50 largest water users
- Water Savings Action Plans – reduce potable water use, identify alternate water sources e.g. bores

WATER FOR LIFE



Managing Water Supply Infrastructure

- Surface water
 - Gosling Creek Dam
 - Spring Creek Dam
 - Suma Park Dam
- Stormwater Harvesting Schemes – Ploughmans Creek and Blackmans Swamp Creek
- Macquarie River to Orange Pipeline
- Orange to Carcoar Pipeline (potable water)
- Groundwater

WATER FOR LIFE



Actions Underway

- Macquarie River to Orange Pipeline – lowering pumping trigger from 108 ML/day to 38 ML/day
- Spring Hill and Lucknow back on to bores
- Spring Creek Dam to Icely Road WTP Pipeline (\$2.5m State Government Funding)
- Water transfer from Gosling Creek Dam to Spring Creek Dam
- Water transfer from Lake Canobolas to Orange (into Ploughmans Creek Stormwater Harvesting Scheme)

WATER FOR LIFE



- New bores – fractured rock aquifer with variable and limited yields
- Blackmans Swamp Creek Stormwater Harvesting Stages 2 & 3 (\$2.5m State Government Funding)
- Cowra to Central Tablelands Water (CTW) emergency potable pipeline (then transfer up to 3.5 ML per day to Orange) (\$5.5m State Government Funding)

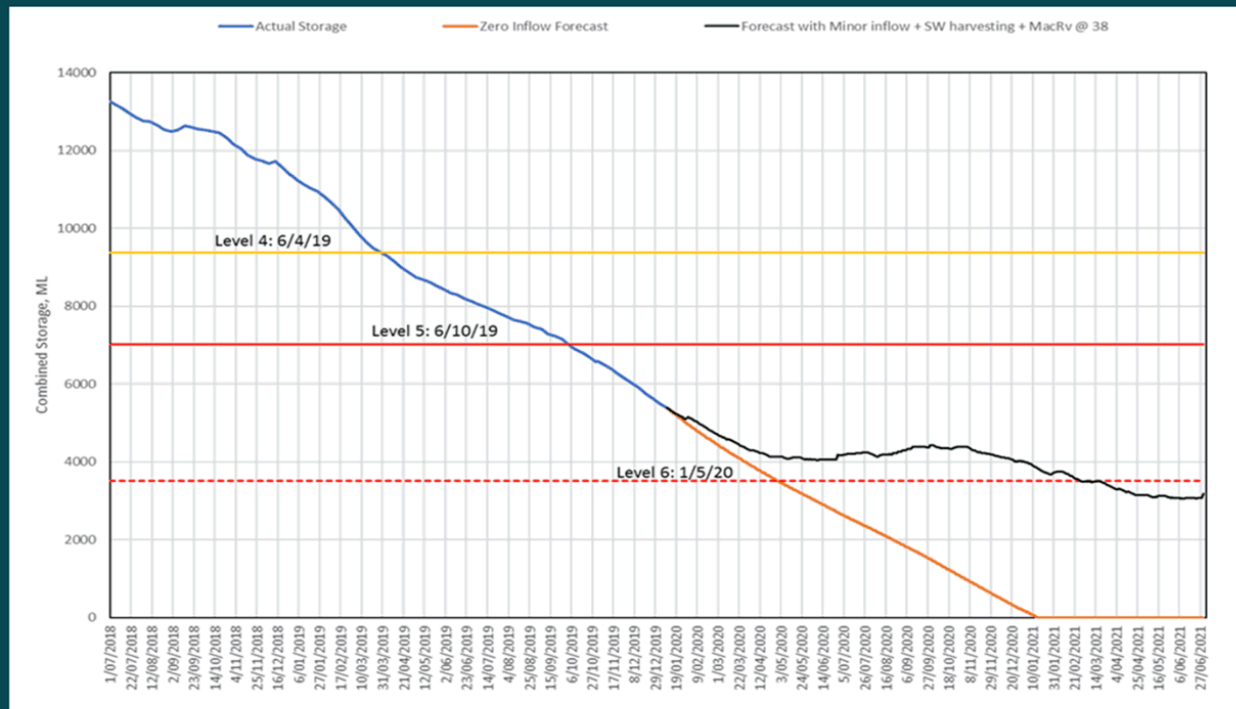
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Attachment 1 Presentation - Water Forums - January 2020



WATER FOR LIFE



Regional Options

- Lake Rowlands Dam Upgrade
- Lake Rowlands to Carcoar Dam Pipeline
- Wyangala Dam Upgrade – 10 metre raise
- Wyangala Dam to Cowra Pipeline

WATER FOR LIFE

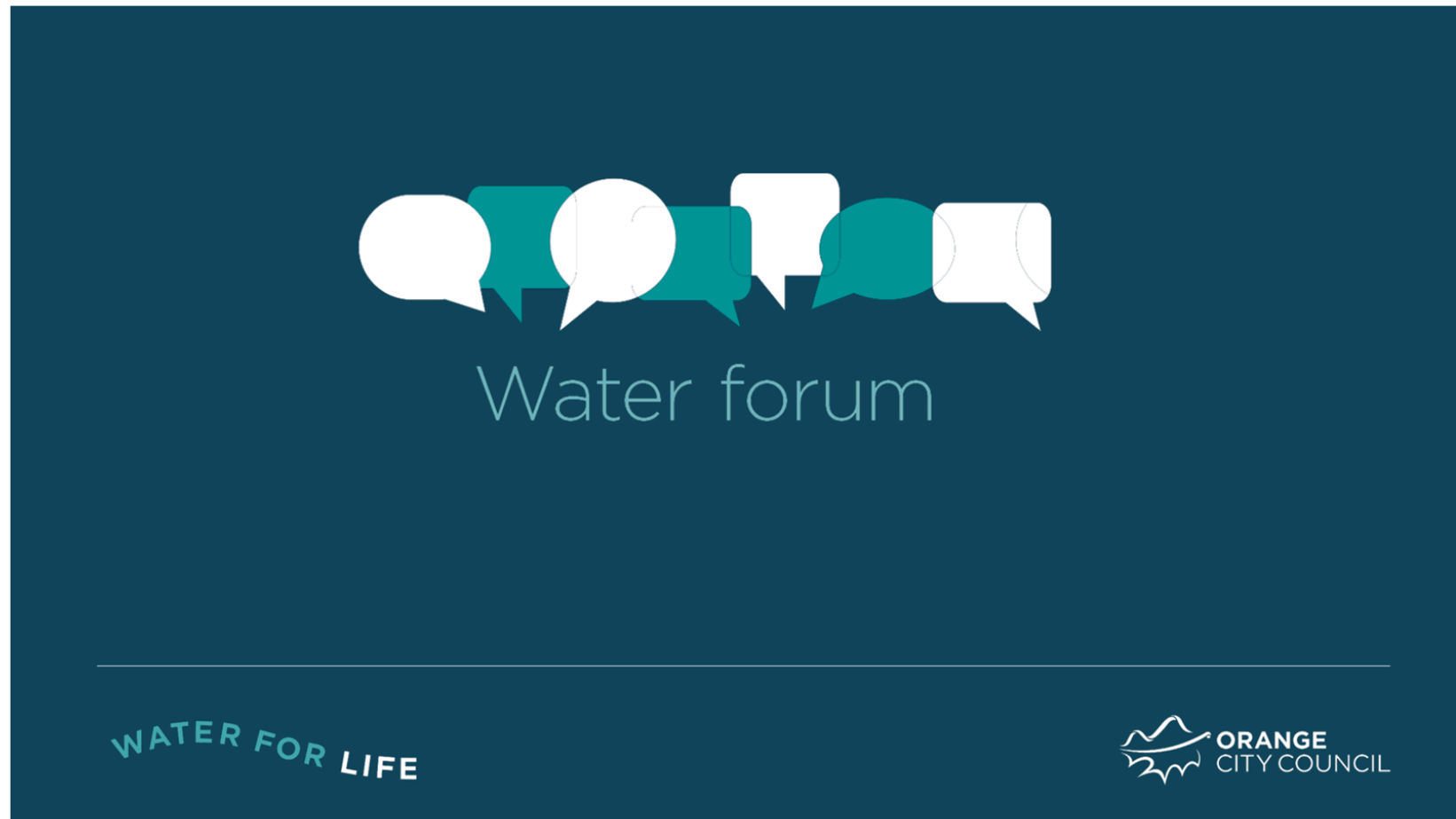


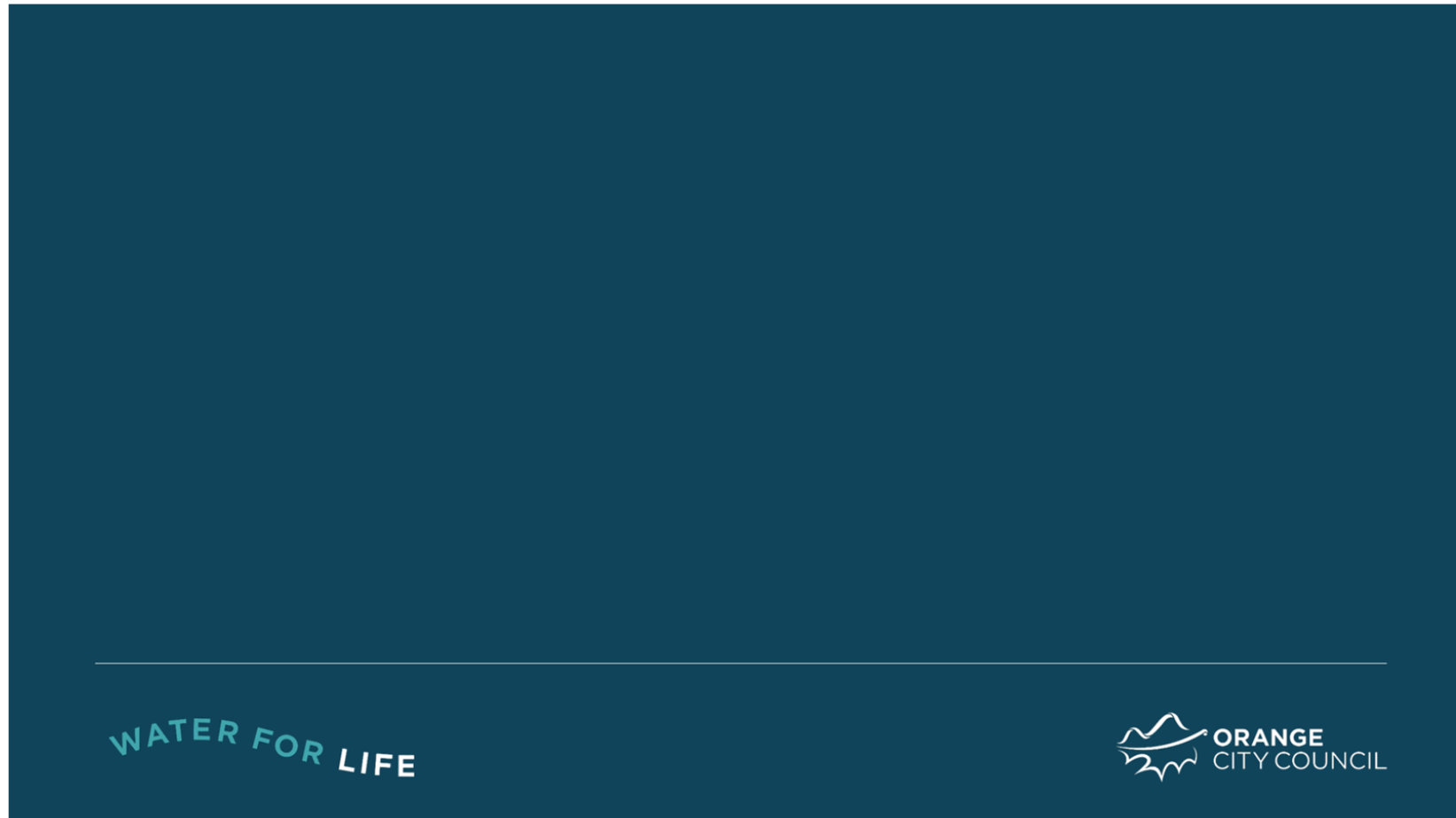
Questions

- Do restrictions apply to the purple pipe system?
- Are environmental release flows still happening from Suma Park?
- Are we building more houses than we can provide water for?
- Can we break the agreement to stop sending water to Cadia?
- Are we sending water to Molong?
- Are businesses doing their bit?

WATER FOR LIFE







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3.4 UPDATE ON TRIALLING DUAL WASTE BINS IN THE CBD - WAYNE DAVIS

Verbal report

3.5 UPDATE ORANGE TRANSITIONING TO A WATER SENSITIVE CITY - CYRIL SMITH

Verbal Report

3.6 WATER USE IN ORANGE AND THE NATURAL ENVIRONMENT - INCOMING CORRESPONDENCE

Verbal discussion on correspondence received.

ATTACHMENTS

- 1 Incoming Correspondence - ESCC - Agenda item request - Water Use in Orange and the Natural Environment - Peter Toedter, IC20/2620

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Attachment 1 Incoming Correspondence - ESCC - Agenda item request - Water Use in
Orange and the Natural Environment - Peter Toedter

Water Use in Orange and the Natural Environment.

I wish to express my concerns regarding the long term availability of water for the residents and the commercial enterprises of Orange while maintaining an acceptable sustainable ecosystem which all rely on the same source of water.

In a media release from the Orange City Council on October 9, 2019 Cr. Reg Kidd states that "The design of our water supply is based on long-term modelling for the next thirty years which predicts Orange has a secure supply." The current situation belies this statement. Previously the Mayors have said that we have enough water to support 50 years to 60 years of growth. Level 5 water restrictions, soon to be level 6, are not a sign of a city "coping well" with the current drought. We had level 5 restrictions about 10 years ago. Having gardens, shrubs and trees dying every 10 years is not a definition of coping. Either the modelling did not factor in periods of drought or the modelling is flawed. Models can be twiggged to give the desired outcome depending on the input or the actual model design. We do not have the water infrastructure to support the growth that some of the councillors would like to see. The ever tighter water restrictions show that planning is not capable of meeting resident's expectations. The emphasis on economic growth and its demand on water availability is destroying the reason why many people came to Orange. Water for a garden and a lawn are not unreasonable expectations. Taking more water from an already stressed Summer Hill Creek via storm water harvesting or from the Macquarie River at ever lower levels of flow is not an acceptable solution.

To state the obvious, ultimately the only source of water available for Orange comes from rain. Whether it is stored in Suma Park and Spring Creek Dams, "harvested" from created suburban wetlands or pumped from bores. Droughts should not be used as an excuse for water shortages as they are a normal part of the climate and should be catered for in any town water planning. In the past, before the colonial era, Australia experienced *megadroughts* which lasted for 20 years or more, which are not even on the planners' radar. The overuse of water for an ever growing city has led the council to apply for the lowering of the pumping limits from the Macquarie River below the well-established and previously agreed on flows which allowed for the river ecosystem. If the other councils, upstream of the river from where Orange sources its water, applied the same parameters for their water requirements there would be no flows for Orange to pump except during storms.

One of the big drains on Orange's water is the treated sewerage recycled water being sent to the Cadia mining operation. The initial decision to send the water to Cadia was a good one as it got the operation going and it has benefitted Orange greatly. Cadia is a highly profitable enterprise which has doubled its capacity since starting. The recently approved expansion is designed to maximise the company's profit without, it seems, consideration of the region's future. The mine makes use of the water that is no longer surplus to requirements and the expansion decreases the mine's life. The new extra water found to enable the increased ore throughput should instead have been used to retire some of the

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Attachment 1 Incoming Correspondence - ESCC - Agenda item request - Water Use in Orange and the Natural Environment - Peter Toedter

treated sewerage water which is now needed by Orange. The expansion should not have been sanctioned until a reasonable amount of water was returned permanently to Orange. Orange treated sewerage water was supposed to supply the Purple Pipe system of household water mandated for the North Orange subdivisions and some return to Summer Hill Creek. The treated sewerage water ultimately comes from what was the normal flow of Summer Hill Creek. A healthy aquatic ecosystem of the creek appears to be a very low priority for some of the people responsible for the council's decisions.

The pumping allowance of 12 ML a day of Macquarie River water, when the river is flowing at the sanctioned flow rate, only makes up for the water being sent to Cadia. *In effect Macquarie River water is being transferred to Cadia via Orange, the pumping and the pipe maintenance cost being borne by the ratepayers of Orange.*

The "harvesting" of water from established and new subdivisions seems a good idea on the surface but all it does is deprive the creek systems. For example the council's information that a recently announced new 450 lot rezoning in North Orange has the potential to be neutral from a water security perspective through storm water harvesting is being loose with the reality. The water which is proposed to be "harvested" is water currently flowing into an already stressed and overused Blackmans Swamp Creek/Summer Hill Creek and recharging the groundwater system. Urban runoff is not a "wasted resource" nor "urban excess" as described in *Orange – Stormwater to Potable by the CRC for Water Sensitive Cities, May 2018*. Statements like these indicate a mindset that ignores downstream ecology or landholders rights. Justifying harvesting by only taking the peak flows ignores the need for peak flows in creek and river systems.

The created wetlands which are an integral part of water harvesting are a real benefit for the birdlife and for animals ejected from the land now used for housing, and make enjoyable green spaces, but they should not be looked at as a "new" source of town water. Instead they should be considered as urban runoff cleansing places before the water is returned to the creek system. The wetlands slow the onrush of water from the suburban hard surfaces when (and if) it rains and remove the nutrients contributed by dogs, discarded rubbish and lawns.

Bore water should be held in reserve for severe drought conditions or possible future megadroughts. In the Orange area the groundwater is only replenished by rainfall, there is no large river system. Private town bores should have a limit set on extraction if a survey shows that the groundwater table is falling at an unsustainable rate.

Household water tanks are very commendable, but they also are not a "new" source of water. Their increased use will help to slow the rush of stormwater and contribute to recharging the water table and thus the creeks.

Until the recent restrictions, water used for gardens, lawns and household related activities were regarded within a ratepayers expectations. Some potable water was wasted and making level two water restrictions normal would not be a great impost.

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Attachment 1 Incoming Correspondence - ESCC - Agenda item request - Water Use in
Orange and the Natural Environment - Peter Toedter

In order to avoid permanent higher water restrictions it is inevitable that the council will have to place an upper limit on the population growth of Orange in line with long term water availability. Some councillors and staff are trying to have the environment included in considerations but the councillors who dictate council's outcomes rule the day.

Orange is a desirable location, but the council and not the developers should determine the population growth and make sure that it does not exceed what the water resources can support for the long term. The current drought is not an aberration and it should be a wakeup call.

I am aware that many of the jobs in Orange depend on the construction industry and a reduction in development would have to be phased in.

I suggest that the council revisits the heightening of the Suma Park Dam wall, reduces the number of subdivisions for new housing and request Cadia Valley Operations to return a substantial portion, if not all, of Orange's sewerage water before considering further mine expansions.

Peter Toedter.

12 January 2019.

ENVIRONMENTAL SUSTAINABILITY COMMUNITY COMMITTEE

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3.7 CLIMATE CHANGE

Council resolved to move the following motion on 4 February 2020

That Council develop a strategic policy on Council's future response to climate change including mitigation, adaption and risk management issues.

For discussion.

3.8 BIODIVERSITY MAPPING UPDATE

Verbal report