ENVIRONMENT & CLIMATE CHANGE COMMITTEE

05 August 2015

AGENDA
LEICHHARDT MUNICIPAL COUNCIL
ENVIRONMENT & CLIMATE CHANGE COMMITTEE

NOTICE IS HEREBY GIVEN THAT ENVIRONMENT & CLIMATE CHANGE COMMITTEE MEETING OF THE LEICHHARDT MUNICIPAL COUNCIL WILL BE HELD IN THE SUPPER ROOM, LEICHHARDT TOWN HALL, 107 NORTON STREET, LEICHHARDT, ON 05 August 2015 at 6:30 PM.

Contact Officer:  Jon Stiebel
Contact Number:  9367 9045

Peter Head
GENERAL MANAGER

30 July 2015

BUSINESS:

** ACKNOWLEDGEMENT OF COUNTRY

I acknowledge the Gadigal and Wangal people of the Eora nation on whose country we are meeting today, and their elders past and present.

** APOLOGIES

** THIS MEETING IS CONDUCTED IN ACCORDANCE WITH COUNCIL’S CODE OF CONDUCT.

** DECLARATION OF PECUNIARY INTERESTS AND NON-PECUNIARY INTERESTS

** VERBAL UPDATE -ENVIRONMENTAL SUSTAINABILITY PLAN 2015 – 2025

AGENDA ITEMS

ITEM 1  PRESENTATION - FOOTPRINTS ECOFESTIVAL 2015 ..................... 3
ITEM 2  PRESENTATION - SSROC STREET LIGHTING IMPROVEMENT PROGRAM.......................................................... 5
ITEM 3  PRESENTATION - CLIMATE CHANGE BALMAIN ROZELLE ............ 7
ITEM 4  ENVIRONMENT & CLIMATE CHANGE COMMITTEE MINUTES 13 MAY 2015 .......................................................... 9
ITEM 5  EXTRAORDINARY MEETING OF THE ENVIRONMENT & CLIMATE CHANGE COMMITTEE MINUTES 23 APRIL 2015 .................. 14
ITEM 6  SUMMARY OF RESOLUTIONS ................................................................. 17
ITEM 7  SCHOOLS AND ROZELLE BAY COMMUNITY NATIVE NURSERY PILOT PROGRAM OUTCOMES ................................................................. 22
ITEM 8  CLIMATE CHANGE PLAN IMPLEMENTATION UPDATE .................... 28
ITEM 9  OTHER BUSINESS ............................................................................. 41
ITEM 1 PRESENTATION - FOOTPRINTS ECOFESTIVAL 2015

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Team Leader Environmental Strategy</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td></td>
<td>Item 1 on 8 July 2015 Environment &amp; Climate Change Committee Agenda meeting was cancelled</td>
</tr>
<tr>
<td>Strategic Plan Key Service Area</td>
<td>Community well-being</td>
</tr>
<tr>
<td></td>
<td>Place where we live and work</td>
</tr>
<tr>
<td></td>
<td>A sustainable environment</td>
</tr>
<tr>
<td></td>
<td>Sustainable services and assets</td>
</tr>
</tbody>
</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

<table>
<thead>
<tr>
<th>Purpose of Report</th>
<th>To advise Environment and Climate Change Committee of a presentation on Footprints EcoFestival 2015 by Costa Atzemis, Council's Community Events Coordinator.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>NIL</td>
</tr>
<tr>
<td>Current Status</td>
<td>NIL</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>Consistent with objectives of the Environmental Sustainability Plan</td>
</tr>
<tr>
<td>Financial and Resources Implications</td>
<td>Within current resources</td>
</tr>
<tr>
<td>Recommendation</td>
<td>That the Committee receive and note the presentation on Footprints EcoFestival 2015 by Costa Atzemis, Council's Community Events Coordinator.</td>
</tr>
<tr>
<td>Notifications</td>
<td>NIL</td>
</tr>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To advise Environment and Climate Change Committee of a presentation on Footprints EcoFestival 2015 by Costa Atzemis, Council’s Community Events Coordinator.

Recommendation

That the Committee receive and note the presentation on Footprints EcoFestival 2015 by Costa Atzemis, Council’s Community Events Coordinator.

Report

Costa Atzemis, Council’s Community Events Coordinator will provide a presentation on Footprints EcoFestival 2015.
ITEM 2 PRESENTATION - SSROC STREET LIGHTING IMPROVEMENT PROGRAM

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Team Leader Environmental Strategy</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td></td>
<td>Item 2 on 8 July 2015 Environment &amp; Climate Change Committee Agenda meeting was cancelled</td>
</tr>
<tr>
<td>Strategic Plan Key Service Area</td>
<td>Community well-being</td>
</tr>
<tr>
<td></td>
<td>Place where we live and work</td>
</tr>
<tr>
<td></td>
<td>A sustainable environment</td>
</tr>
<tr>
<td></td>
<td>Sustainable services and assets</td>
</tr>
</tbody>
</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

<table>
<thead>
<tr>
<th>Purpose of Report</th>
<th>To advise Environment and Climate Change Committee of a presentation on SSROC Street Lighting Improvement Program by Program Manager Graham Mawer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>CCTF 25/14 That a report be provided to an upcoming committee meeting on progress with the SSROC street lighting improvement program.</td>
</tr>
<tr>
<td>Current Status</td>
<td>Council is a member of the SSROC Street Lighting Improvement Program</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>Consistent with Council objectives to mitigate climate change</td>
</tr>
<tr>
<td>Financial and Resources Implications</td>
<td>NIL</td>
</tr>
<tr>
<td>Recommendation</td>
<td>That the Committee receive and note the presentation on SSROC Street Lighting Improvement Program by Graham Mawer Program Manager</td>
</tr>
<tr>
<td>Notifications</td>
<td>NIL</td>
</tr>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To advise Environment and Climate Change Committee of a presentation on SSROC Street Lighting Improvement Program by Program Manager Graham Mawer

Recommendation

That the Committee receive and note the presentation on SSROC Street Lighting Improvement Program by Graham Mawer Program Manager

Report

Graham Mawer Program Manager SSROC Street Lighting Improvement Program will give a presentation to update the committee on progress with the program.
## ITEM 3 PRESENTATION - CLIMATE CHANGE BALMAIN ROZELLE

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Team Leader Environmental Strategy</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td>Item 3 on 8 July 2015 Environment &amp; Climate Change Committee Agenda meeting was cancelled</td>
<td></td>
</tr>
<tr>
<td>Strategic Plan Key Service Area</td>
<td>Community well-being</td>
</tr>
<tr>
<td></td>
<td>Place where we live and work</td>
</tr>
<tr>
<td></td>
<td>A sustainable environment</td>
</tr>
<tr>
<td></td>
<td>Sustainable services and assets</td>
</tr>
<tr>
<td></td>
<td>Business in the community</td>
</tr>
</tbody>
</table>

### SUMMARY AND ORGANISATIONAL IMPLICATIONS

<table>
<thead>
<tr>
<th>Purpose of Report</th>
<th>To advise Environment and Climate Change Committee of a presentation from Climate Change Balmain Rozelle for their project <em>Climate-friendly food waste options for businesses.</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>Climate Change Balmain Rozelle (CCBR) received a 2013-2014 Round 2 Leichhardt Council Environmental Grant for their project <em>Climate-friendly food waste options for businesses.</em></td>
</tr>
<tr>
<td>Current Status</td>
<td>The grant funded Climate-friendly food waste options for businesses project has been completed.</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>Consistent with Environmental Sustainability Plan</td>
</tr>
<tr>
<td>Financial and Resources Implications</td>
<td>Within current resources</td>
</tr>
<tr>
<td>Recommendation</td>
<td>That the Committee receive and note the presentation from Climate Change Balmain Rozelle for their project <em>Climate-friendly food waste options for businesses.</em></td>
</tr>
<tr>
<td>Notifications</td>
<td>NIL</td>
</tr>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To advise the Environment and Climate Change Committee of a presentation from Climate Change Balmain Rozelle for their project *Climate-friendly food waste options for businesses.*

Recommendation

That the Committee receive and note the presentation from Climate Change Balmain Rozelle for their project *Climate-friendly food waste options for businesses.*

Background

Climate Change Balmain Rozelle (CCBR) received a 2013-2014 Round 2 Leichhardt Council Environmental Grant for their project *Climate-friendly food waste options for businesses.*

Report

Climate Change Balmain Rozelle (CCBR) will provide a presentation on their project *Climate-friendly food waste options for businesses.*
ITEM 4 ENVIROMENT & CLIMATE CHANGE COMMITTEE
MINUTES 13 MAY 2015

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Manager Environment &amp; Urban Planning</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td></td>
<td>Item 4 on 8 July 2015 Environment &amp; Climate Change Committee Agenda meeting was cancelled</td>
</tr>
<tr>
<td>Strategic Plan Key Service Area</td>
<td>A sustainable environment</td>
</tr>
</tbody>
</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

<table>
<thead>
<tr>
<th>Purpose of Report</th>
<th>To advise the Committee of the minutes of the Environment &amp; Climate Change Committee meeting held on 13 May 2015 and the cancellation of the meeting in July.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>NIL</td>
</tr>
<tr>
<td>Current Status</td>
<td>NIL</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>NIL</td>
</tr>
<tr>
<td>Financial and Resources Implications</td>
<td>NIL additional</td>
</tr>
<tr>
<td>Recommendation</td>
<td>1. That the minutes of the Environment &amp; Climate Change Committee meeting held on 13 May 2015 be received and noted. 2. To note that the 8 July 2015 Environment &amp; Climate Change Committee meeting was cancelled.</td>
</tr>
<tr>
<td>Notifications</td>
<td>NIL</td>
</tr>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To advise the Committee of the minutes of the Environment & Climate Change Committee meeting held on 13 May 2015 and the cancellation of the meeting in July.

Recommendation

1. That the minutes of the Environment & Climate Change Committee meeting held on 13 May 2015 be received and noted.

2. To note that the 8 July 2015 Environment & Climate Change Committee meeting was cancelled.

Report

The minutes of the Environment & Climate Change Committee meeting held on 13 May 2015 are provided on the following page.
MINUTES of ENVIRONMENT & CLIMATE CHANGE COMMITTEE MEETING of Leichhardt Municipal Council held in the Supper Room, Leichhardt Town Hall, 107 Norton Street, Leichhardt, on 13 May 2015 at 6:30pm.

Present at the meeting: Cr Craig Channells (Acting Chair), Richard Dudley-Smith, Dominic Case, David Lawrence, Bronwen Campbell, Koko Clark, Ana Maria Parada,

Staff Present: Team Leader Environmental Strategy, Sustainability Engagement Officer, Transport Planner

Meeting commenced: 6.30 pm

** ACKNOWLEDGEMENT OF COUNTRY

I acknowledge the Gadigal and Wangal people of the Eora nation on whose Country we are meeting today, and their elders past and present.

** APOLOGIES

ECCC16/15 RESOLVED LAWRENCE/CASE

That apologies be accepted for the absence of Cr Breen, Cr Hannaford, Cr Stamolis, Cr Kogoy, Lea Richards and Angela Michaelis.

** THIS MEETING IS CONDUCTED IN ACCORDANCE WITH COUNCIL’S CODE OF CONDUCT.

** DECLARATION OF PECUNIARY AND NON-PECUNIARY INTERESTS

Nil

ITEM 1 ENVIRONMENT & CLIMATE CHANGE COMMITTEE MINUTES – 11 MARCH 2015

ECCC17/15 RESOLVED LAWRENCE/DUDLEY-SMITH

That the minutes of the Environment & Climate Change Committee meeting held on 11 March 2015 be received and noted.
ITEM 2  SUMMARY OF RESOLUTIONS

ECCC18/15 RESOLVED CAMPBELL/LAWRENCE

1. That the information in the summary of resolutions be received and noted.

2. That Council consider a budget of $2000 for the Schools and Rozelle Bay Community Native Nursery Program within the 2015/16 budget to enable this successful nursery education pilot program to be continued.

ITEM 3  VERBAL REPORT & PRESENTATION - GREENWAY UPDATE

ECCC19/15 RESOLVED LAWRENCE/CHANELLS

1. That the Committee receive and note the verbal report and presentation regarding the current status of the Greenway.

ITEM 4  REPORT & PRESENTATION DRAFT LEICHHARDT BIKE PLAN 2015 EXHIBITION

ECCC20/15 RESOLVED CHANELLS/LAWRENCE

1. That the Committee receive and note the verbal report and presentation regarding the Draft Leichhardt Bike Plan.

2. The Committee thanks Ken Welsh for the report and presentation.

ITEM 5  CLIMATE CHANGE FORUM - OUR SOLAR FUTURE

ECCC21/15 RESOLVED CHANELLS/CASE

1. That the Committee note the annual climate change forum was held on Saturday 18 April 2015 at the Leichhardt Town Hall, showcasing solar energy initiatives and options for residents.
ITEM 6  SUSTAINABLE NEIGHBOURHOODS PROGRAM

ECCC22/15  RESOLVED  LAWRENCE/CASE

That the Environment and Climate Change Committee notes:

1. A new page has been created on the Leichhardt Municipal Council website for the Sustainable Neighbourhoods Program.

2. The Sustainable Neighbourhoods Program includes three challenges for residents focussed on the reduction of water and energy consumption, and waste and resource recovery. These challenges will be run between 13 April 2015 and 7 June 2015.

ITEM 7  RESPONSE FROM MINISTER FOR THE ENVIRONMENT ON CONTAINER DEPOSIT LEGISLATION AND PLASTIC BAGS

ECCC23/15  RESOLVED  CHANNELLS/CAMPBELL

1. That the committee note correspondence from the NSW Minister for the Environment on Container Deposit Legislation and Plastic Bags.

The next meeting will be held on Wednesday, 8 July 2015 at 6.30pm

The meeting closed at 8.27pm
ITEM 5     EXTRAORDINARY MEETING OF THE ENVIRONMENT & CLIMATE CHANGE COMMITTEE MINUTES 23 APRIL 2015

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Manager Environment &amp; Urban Planning</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td></td>
<td>Item 5 on 8 July 2015 Environment &amp; Climate Change Committee Agenda meeting was cancelled</td>
</tr>
</tbody>
</table>

Strategic Plan Key Service Area | A sustainable environment

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

<table>
<thead>
<tr>
<th>Purpose of Report</th>
<th>To advise the Committee of the minutes of the Extraordinary Meeting of the Environment &amp; Climate Change Committee held on 23 April 2015.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>NIL</td>
</tr>
<tr>
<td>Current Status</td>
<td>NIL</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>NIL</td>
</tr>
<tr>
<td>Financial and Resources Implications</td>
<td>NIL</td>
</tr>
<tr>
<td>Recommendation</td>
<td>That the minutes of the Extraordinary Meeting of the Environment &amp; Climate Change Committee held on 23 April 2015 be received and noted.</td>
</tr>
<tr>
<td>Notifications</td>
<td>NIL</td>
</tr>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To advise the Committee of the minutes of the Extraordinary Meeting of the Environment & Climate Change Committee held on 23 April 2015.

Recommendation

That the minutes of the Extraordinary Meeting of the Environment & Climate Change Committee held on 23 April 2015 be received and noted.

Report

The minutes of the Extraordinary Meeting of the Environment & Climate Change Committee held on 23 April 2015 are provided below.
MINUTES of EXTRAORDINARY MEETING ENVIRONMENT & CLIMATE CHANGE COMMITTEE of Leichhardt Municipal Council held in the Supper Room, Leichhardt Town Hall, 107 Norton Street, Leichhardt, on 23 April 2015 at 6:30pm.

Present at the meeting: Cr Frank Breen (Chair), Cr Vera–Ann Hannaford, David Lawrence, Koko Clark, Gavin Gilchrist, Gillian Leahy

Staff Present: Team Leader Environmental Strategy, Sustainability Engagement Officer

Meeting commenced: 6.31pm

** ACKNOWLEDGEMENT OF COUNTRY

I acknowledge the Gadigal and Wangal people of the Eora nation on whose Country we are meeting today, and their elders past and present.

** APOLOGIES

ECCC14/15 RESOLVED HANNAFORD/LAWRENCE

That apologies be accepted for the absence of Marghanita da Cruz, Richard Dudley Smith, Angela Michaelis and Lea Richards.

** THIS MEETING IS CONDUCTED IN ACCORDANCE WITH COUNCIL’S CODE OF CONDUCT.

** DECLARATION OF PECUNIARY AND NON-PECUNIARY INTERESTS - Nil

ITEM 1 DRAFT ENVIRONMENTAL SUSTAINABILITY PLAN

ECCC15/15 RESOLVED BREEN/HANNAFORD

That Council notes that an Extraordinary Meeting of the Environment and Climate Change Committee was held on 23 April 2015 to facilitate discussion of the Draft Environmental Sustainability Plan 2015-2025.

The meeting closed at 8.22pm
ITEM 6 SUMMARY OF RESOLUTIONS

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Manager Environment &amp; Urban Planning</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td>Strategic Plan Key Service Area</td>
<td>A sustainable environment</td>
</tr>
</tbody>
</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

<table>
<thead>
<tr>
<th>Purpose of Report</th>
<th>To advise Council of the status of the Environment &amp; Climate Change Committee resolutions of May 2015.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>NIL</td>
</tr>
<tr>
<td>Current Status</td>
<td>NIL</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>NIL</td>
</tr>
<tr>
<td>Financial and Resources Implications</td>
<td>NIL</td>
</tr>
<tr>
<td>Recommendation</td>
<td>That the information in the summary of resolutions be received and noted.</td>
</tr>
<tr>
<td>Notifications</td>
<td>NIL</td>
</tr>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report
To advise Council of the status of the Environment & Climate Change Committee resolutions of May 2015.

Recommendation
That the information in the summary of resolutions be received and noted.

Report
The summary of resolutions are provided below.
### Environment & Climate Change Committee Item – May 2015

<table>
<thead>
<tr>
<th>ITEM 2 SUMMARY OF RESOLUTIONS</th>
<th>SUMMARY OF RESOLUTION</th>
<th>ACTION/TAKEN PLANNED</th>
<th>RESPONSIBLE OFFICER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECCC18/15</td>
<td>1. That the information in the summary of resolutions be received and noted.</td>
<td>ERC 38/14 requires an evaluation report on the trial Schools and Rozelle Bay Community Native Nursery Program within the 2015/16 budget to enable this successful nursery education pilot program to be continued.</td>
<td>Team Leader Environmental Strategy</td>
</tr>
<tr>
<td></td>
<td>2. That Council consider a budget of $2000 for the Schools and Rozelle Bay Community Native Nursery Program within the 2015/16 budget to enable this successful nursery education pilot program to be continued.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Environment & Climate Change Committee Item – March 2015

<table>
<thead>
<tr>
<th>ITEM 3 SUMMARY OF RESOLUTIONS</th>
<th>SUMMARY OF RESOLUTION</th>
<th>ACTION/TAKEN PLANNED</th>
<th>RESPONSIBLE OFFICER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECCC04/15</td>
<td>1. That the information in the summary of resolutions be received and noted.</td>
<td>Noted</td>
<td>Team Leader Environmental Strategy</td>
</tr>
<tr>
<td></td>
<td>2. That Council invite a member of the Boomerang Alliance to attend the next Environment and Climate Change Committee meeting to discuss the details of the proposed Container Deposit Scheme.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### OTHER BUSINESS

<table>
<thead>
<tr>
<th>OTHER BUSINESS</th>
<th>SUMMARY OF RESOLUTION</th>
<th>ACTION/TAKEN PLANNED</th>
<th>RESPONSIBLE OFFICER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>That Leichhardt Council review options to consolidate and reduce statutory signage across the LGA in light of the Resolution (ECCC11/15) considered by Senior Management Team (as per Council</td>
<td></td>
<td>Director Infrastructure and</td>
</tr>
<tr>
<td>ENVIRONMENT &amp; CLIMATE CHANGE COMMITTEE ITEM – MARCH 2015</td>
<td>SUMMARY OF RESOLUTION</td>
<td>ACTION/TAKEN PLANNED</td>
<td>RESPONSIBLE OFFICER</td>
</tr>
<tr>
<td>---------------------------------------------------------</td>
<td>----------------------</td>
<td>---------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>STATUTORY SIGNAGE</td>
<td>work by Mosman Council and the City of Sydney to reduce signage and improve the local amenity of heritage neighbourhoods.</td>
<td>resolution C378/14) Outcome: Referred to Manager Traffic for investigation.</td>
<td>Service Delivery</td>
</tr>
<tr>
<td>ECCC11/15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OTHER BUSINESS INSTALLING WASTE BINS - NORTH EASTERN PART OF ELKINGTON PARK ECCC13/15</td>
<td>That Council investigate installing waste bins in the north eastern part of Elkington Park, Balmain (near the boat launching area) and that this be used as a trial for clearly marked alternate bins for general waste and drink containers such as those being used by Mosman and Waverley Councils.</td>
<td>Resolution (ECCC13/15) considered by Senior Management Team (as per Council resolution C378/14) Outcome: Referred to Manager Works and Waste Services for investigation</td>
<td>Director Infrastructure and Service Delivery</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENVIRONMENT &amp; RECREATION COMMITTEE ITEM – DECEMBER 2014</th>
<th>SUMMARY OF RESOLUTION</th>
<th>ACTION/TAKEN PLANNED</th>
<th>RESPONSIBLE OFFICER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAFT ENVIRONMENTAL SUSTAINABILITY PLAN: STAGE 1 BACKGROUND AND OUTCOMES REPORT ERC 53/14</td>
<td>4. That Council investigate updating the Council bushcare program leaflet and opportunities to increase its reach in the community.</td>
<td>4. Noted for Action</td>
<td>Manager Assets and Parks</td>
</tr>
<tr>
<td>CLIMATE CHANGE TASKFORCE ITEM – DECEMBER 2014</td>
<td>SUMMARY OF RESOLUTION</td>
<td>ACTION/TAKEN PLANNED</td>
<td>RESPONSIBLE OFFICER</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-----------------------</td>
<td>---------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>SUMMARY OF RESOLUTIONS</td>
<td>4. That the consultant’s report referred to in the December 2014 Summary of Resolutions (C302/12), include analysis of Leichhardt LGA becoming a zero net energy town.</td>
<td>4. Referred to Senior Management Team.</td>
<td>Team Leader Environmental Strategy</td>
</tr>
<tr>
<td>CCTF 25/14</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ITEM 7  
**SCHOOLS AND ROZELLE BAY COMMUNITY NATIVE NURSERY PILOT PROGRAM OUTCOMES**

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Sustainability Engagement Officer</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td></td>
<td>Item 7 on 8 July 2015 Environment &amp; Climate Change Committee Agenda meeting was cancelled</td>
</tr>
<tr>
<td>Strategic Plan Key Service Area</td>
<td>A Sustainable Environment Sustainable Services And Assets</td>
</tr>
</tbody>
</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

**Purpose of Report**  
To update Council on the schools pilot program at Whites Creek involving the Rozelle Bay Community Native Nursery (RBCNN).

**Background**  
(C465/13) "That Council investigate opportunities to increase children’s participation in local bush care activities through holiday programs at the Rozelle Bay Community Native Nursery."

(ERC 38/14) "That the Environment and Recreation Committee note that

1. staff and volunteers are currently developing a schools program for a trial period at the Rozelle Bay Community Native Nursery, and
2. if the level of uptake is adequate to undertake a trial, then a further report on the evaluation of the trial, and the proposal for funding and operating an ongoing program will be brought to Council."

**Current Status**  
A trial program has been conducted at the nursery

**Relationship to existing policy**  
Draft Environmental Sustainability Plan 2015-2025

**Financial and Resources Implications**  
Trial program was run in house by staff and with volunteer assistance from Rozelle Bay Community Native Nursery.

**Recommendation**  
That Council note that:

1. Staff and volunteers developed a schools program for a trial period at the Rozelle Bay Community Native Nursery in 2014 in response to Council resolution C465/13.
2. Two schools with a total of approximately 210 students were involved in the trial program.

3. The Schools and Rozelle Bay Community Native Nursery Pilot Program was resourced in-house by Council staff and with volunteer assistance from Rozelle Bay Community Native Nursery at nil additional cost to Council.

4. It is proposed that an ongoing program involving bushcare and education at the Rozelle Bay Community Native Nursery and the Whites Creek Wetland be run in-house by Council officers.

<table>
<thead>
<tr>
<th>Notifications</th>
<th>NIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To update Council on the schools pilot program at Whites Creek involving the Rozelle Bay Community Native Nursery (RBCNN).

Recommendation

That Council note that:

1. Staff and volunteers developed a schools program for a trial period at the Rozelle Bay Community Native Nursery in 2014 in response to Council resolution C465/13.

2. Two schools with a total of approximately 210 students were involved in the trial program.

3. The Schools and Rozelle Bay Community Native Nursery Pilot Program was resourced in house by Council staff with volunteer assistance from Rozelle Bay Community Native Nursery at nil additional cost to Council.

4. It is proposed that an ongoing program involving bushcare and education at the Rozelle Bay Community Native Nursery and the Whites Creek Wetland be run in-house by Council officers.

Background

At the Ordinary Meeting in September 2013, Council resolved:

“That Council investigate opportunities to increase children’s participation in local bush care activities through holiday programs at the Rozelle Bay Community Native Nursery.” (C465/13)

The Rozelle Bay Community Native Nursery (RBCNN) has been located in new premises at Wisdom Street, Annandale since September 2012. The nursery is in a prime location to host environmental activities.

Action 4.2.1 in the Draft Environmental Sustainability Plan 2015-2025 states:

“Implement an education program for schools and community groups at Whites Creek Valley Park taking in the wetlands, community garden, food forest and Rozelle Bay Community Native Nursery.”

The RBCNN has a long history of engagement with local schools both at community planting events and onsite school restoration projects. It was envisaged that the program link in with other environmental programs offered to schools by Council.

The aims of the program were to increase students’ awareness of biodiversity and the importance of conserving and restoring native habitats; and to increase student
awareness of the importance of ecosystems and their role in maintaining clean air and water.

**Report**

*Trial program outcomes*

Two schools were involved in the pilot program in late 2014, bringing a total of approximately 210 students to Whites Creek:

- Annandale Public School on 9 October 2014, three stage 3 classes
- Leichhardt Public School on 18 November 2014, four stage 2 classes

Two classes (30 students each) were accommodated at a time - one took a tour of the Whites Creek Wetland with the Sustainability Engagement Officer while the other learned about native plant propagation from volunteer Bronwen Campbell at the RBCNN and planted seedlings in an area of the Whites Creek Valley Park with the help of the Biodiversity Officer and nursery volunteers. The classes would then swap activities.

Each activity took approximately 45 minutes (1.5 hours for two classes to do each activity). Any other classes would then arrive at an arranged time to take the wetland tour and work in the RBCNN. Activities in the RBCNN included making grass seed heads and propagating seeds before planting seedlings in the park.
RBCNN volunteer Bronwen Campbell giving an introduction to students at the RBCNN (18 November).

Students planting an area of the Whites Creek Valley Park (18 November).

Teachers and students remarked that they enjoyed the activities and were pleased that the day was so hands-on. Other teachers from the same schools have since contacted Council to arrange wetland tours as a result of the good feedback from the classes who participated in the trial.

Volunteers with teaching backgrounds were willing to work on the trial program free of cost.

**Ongoing program proposal**

It is proposed that an ongoing program for schools be delivered in-house by the Sustainability Engagement Officer and the Biodiversity Officer, using the Whites Creek Wetlands, the RBCNN and surrounding parkland to deliver environmental education activities. This program would be in response to Action 4.2.1 in the Draft Environmental Sustainability Plan:

“Implement an education program for schools and community groups at Whites Creek Valley Park taking in the wetlands, community garden, food forest and Rozelle Bay Community Native Nursery.”
By tailoring the activities in the nursery to match existing council resources the program could be run by staff without requiring additional funds. It would be open to all schools in the LGA free of charge and would be run as requested by teachers. Two classes could be accommodated at a time: one would be taken on a wetland tour while the other would participate in bushcare activities in the Whites Creek Valley Park area, after which the classes would switch places and do the other activity. Schools would still be able to bring extra classes but the timing would be staggered. RBCNN volunteers are welcome to attend should they wish to participate in the activities.

Summary/Conclusions

The pilot program for schools in Whites Creek Valley Park was developed and implemented by Emily Williams, Council’s Sustainability Engagement Officer and Bronwen Campbell, a volunteer at the RBCNN, with assistance from Doug Anderson, Council’s Biodiversity Officer. Volunteers Leanne Eastway, Daniela Fornasaro and Kathy Mispel assisted with the activities. The trial was a success, with two schools and over 200 students participating. It is proposed that ongoing wetland tours and bushcare activities be run in-house by the Sustainability Engagement Officer and Biodiversity Officer.
ITEM 8  CLIMATE CHANGE PLAN IMPLEMENTATION UPDATE

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Environmental Technical Officer</td>
</tr>
<tr>
<td>Meeting date</td>
<td>5 August 2015</td>
</tr>
<tr>
<td></td>
<td>Item 8 on 8 July 2015 Environment &amp; Climate Change Committee Agenda meeting was cancelled</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Strategic Plan</th>
<th>Key Service Area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A Sustainable environment</td>
</tr>
<tr>
<td></td>
<td>Sustainable services and assets</td>
</tr>
</tbody>
</table>

SUMMARY AND ORGANISATIONAL IMPLICATIONS

Purpose of Report
To update the Environment & Climate Change Committee on the implementation of the Leichhardt Climate Change Plan.

Background
Leichhardt Council adopted its Climate Change Plan at the May 2013 Ordinary Council Meeting. This report provides a progress update on implementing the Leichhardt Climate Change Plan.

Current Status
Nil

Relationship to existing policy
Leichhardt Climate Change Plan
Draft Environmental Sustainability Plan

Financial and Resources
Implications
The projects are within current budget allocations.

Recommendation
That Council receive and note the following:

1. Leichhardt Council has been re-certified by the Federal Government as a carbon neutral organisation for the period 1 July 2013 to 30 June 2014 under the National Carbon Offsets Standard Carbon Neutral program.

2. A 9.88kW solar PV system has been installed at Leichhardt Oval #1.

3. Energy audits are currently being undertaken across 15 Council sites. The project completion date is 31st July 2015.

4. Occupancy sensors are currently being installed on Levels 2 and 3 of the Leichhardt Administration Building. The work is due to be completed by mid-July 2015.
5. PV interpretive digital display boards have been installed at Annandale Neighbourhood Centre, Leichhardt Children's Centre and Jimmy Little Community Centre.

6. The Our Solar Future website was launched in March 2015. The website provides households and small business with access to information about solar panels, solar hot water systems and heat pumps. Consistent with the objectives of the project, Council staff are reviewing the current DA process for the installation of solar PV systems with a view to making the process as clear and streamlined as possible.

Notifications
NIL

Attachments
1. Purpose of Report

To update the Environment & Climate Change Committee on the implementation of the *Leichhardt Climate Change Plan*.

2. Recommendation

That Council receive and note the following:

1. Leichhardt Council has been re-certified by the Federal Government as a carbon neutral organisation for the period 1 July 2013 to 30 June 2014 under the National Carbon Offsets Standard Carbon Neutral program.

2. A **9.88kW** solar PV system has been installed at Leichhardt Oval #1.

3. Energy audits are currently being undertaken across 15 Council sites. The project completion date is 31st July 2015.

4. Occupancy sensors are currently being installed on Levels 2 and 3 of the Leichhardt Administration Building. The work is due to be completed by mid-July 2015.

5. PV interpretive digital display boards have been installed at Annandale Neighbourhood Centre, Leichhardt Children’s Centre and Jimmy Little Community Centre.

6. The Our Solar Future website was launched in March 2015. The website provides households and small business with access to information about solar panels, solar hot water systems and heat pumps. Consistent with the objectives of the project, Council staff are reviewing the current DA process for the installation of solar PV systems with a view to making the process as clear and streamlined as possible.

3. Background

Leichhardt Council adopted its Climate Change Plan at the May 2013 Ordinary Council Meeting. This report provides a progress update on implementing the Leichhardt Climate Change Plan. The objectives and actions contained within the Climate Change Plan have been incorporated into the Draft Environmental Sustainability Plan 2015-19.
4. Report

4.1 Update on Climate Change Plan Objective 1: Address the cause of climate change by mitigating corporate carbon emissions

4.1.1 Carbon Neutral Certification

Leichhardt Council is a member of the National Carbon Offsets Standard (NCOS) Carbon Neutral program and has been certified as a carbon neutral organisation since 2012. Council continues to satisfy all the requirements for carbon neutral certification under the Carbon Neutral Program for its Council operations and has received notice of continuing NCOS Carbon Neutral Certification from the Department of the Environment (refer Attachment 1).

4.1.2 Solar PV Projects

Leichhardt Oval #1
A 9.88kW PV system was installed in May 2015 on Leichhardt Oval #1 (Figure 1). The system will generate 13,540 kWh annually and reduce greenhouse gas emissions by 13.5 tCO\textsubscript{2}e each year. The system has been sized to meet the site’s daytime energy needs.

Figure 1: Leichhardt Oval #1 - PV System
Balmain Town Hall and Library

A 13kW PV system is proposed for the Balmain Town Hall and Library building (Figure 2). In terms of energy consumption and greenhouse gas emissions, the Balmain Town Hall and Library is Council's fifth highest energy consuming facility. The site consumes close to 90 megawatt hours a year with an annual energy bill of around $28,000 and emits nearly 77.5 tonnes of CO$_2$ per year.

The Balmain Town Hall PV project will improve the environmental performance of the building by reducing energy consumption and greenhouse gas emissions. The system will be capable of generating 17,200 kWh/year which translate into annual savings of approximately $2,630.00 and will reduce the building's greenhouse gas emissions by 18.4 tonnes CO$_2$ or approximately 25%. The system will generate the equivalent of nearly 20% of the Balmain Town Hall's current annual electricity usage. The electricity generated will be used within the building itself; it will not go back into the grid.

A report on the proposed project was presented to the Balmain Town Hall Committee on 16 April by Council’s Community Facilities Operations Leader. The Balmain Town Hall Management Committee meets to discuss matters relating to the management of the Balmain Town Hall, Balmain Town Hall Meeting Room and Balmain Glasshouse.

The Committee supports the installation of solar panels to the Balmain Town Hall and notes the details of the project. The Committee are very positive about the project and are looking forward to seeing the project through to completion. The following recommendation was made at the meeting:

“That the Balmain Town Hall Committee supports the installation of solar panels to the Balmain Town Hall and note details of the Balmain Town Hall and Library Solar Panel project as outlined in the report.”

A report was tabled at the June Policy Committee meeting which advised Council of the details of the project and that DA documentation had been prepared and would be submitted to Council shortly.
Leichhardt Park Aquatic Centre
The DA for the proposed 35.25kW PV system at the Leichhardt Park Aquatic Centre (LPAC) was approved by Council in late 2014 (refer Figure 3). Solgen have been engaged to supply and install the solar panels. The project has been delayed as Ausgrid have advised that an additional electrical protection system is required specifically for the cogeneration system to meet new policy requirements before the proposed PV system can be installed. This policy was not in place when the cogeneration system was installed in 2013. Council is currently seeking quotations for a protection system for the cogeneration system at LPAC. It is anticipated that the protection system will be installed by December 2015 after which the solar panels will be installed.
4.1.3 Energy Audits

Energy audits are currently being undertaken across 15 Council sites:

1. Leichhardt Park Aquatic Centre
2. Leichhardt Administration Centre
3. Leichhardt Library
4. Balmain Town Hall and Library
5. Balmain Depot
6. Leichhardt Depot
7. John McMahon Child Care
8. Annandale Child Care Centre
9. Leichhardt Children’s Centre
10. Balmain/ Rozelle Child Care Centre
11. Family Day Care Centre
12. Hannaford Centre
13. Annandale Neighbourhood Centre
14. Jimmy Little Community Centre
15. Leichhardt Oval #1
These sites are Council's most energy intensive buildings. The energy audits will assess current energy consumption patterns and deliver recommendations to produce estimated energy, greenhouse gas emissions and cost savings.

Site visits have been completed for all properties; consultants are now in the report writing stage. The project completion date is 31st July 2015.

The actions from these audits will be incorporated into Council's annual Emissions Management Plan, a requirement of the National Carbon Offsets Standard Carbon Neutral Program.

### 4.1.4 Occupancy Sensors

Occupancy sensors are currently being installed on Levels 2 and 3 of the Leichhardt Administration Building. Occupancy sensors have previously been installed on the Ground and First levels of the building.

Occupancy sensors detect whether an area is occupied and adjusts the lighting to be switched on or off in response. The use of occupancy sensors represents a considerable energy and cost saving over conventional lighting configurations.

The project is expected to be complete by mid-July 2015.

### 4.2 Update on Objective 4: Build community capacity and connections to tackle climate change

#### 4.2.1 PV Interpretive Digital Display Boards

_PV interpretive digital display boards have been installed at Annandale Neighbourhood Centre, Leichhardt Children’s Centre and Jimmy Little Community Centre. The displays show real-time energy production from the solar panels at each site._ The displays are designed to engage residents and visitors at the centres by providing information on the PV systems.

There are another six buildings being considered for a digital display including Leichhardt Administration Building, Leichhardt Town Hall, Foster Street Family Day Care, Hannaford Centre, John McMahon Child Care Centre and Leichhardt Oval #1.
Figure 4: Annandale Neighbourhood Centre - PV Interpretive Digital Display Board

Figure 5: Jimmy Little Community Centre - PV Interpretive Digital Display Board
4.2.2 Our Solar Future - PV Planning Controls Review

The Our Solar Future project is an initiative of SSROC in partnership with eight of its member councils: Ashfield, Bankstown, Canada Bay, Canterbury, Kogarah, Leichhardt, Marrickville and Rockdale. Our Solar Future aims to facilitate the uptake of PV systems for residents and small businesses. Over the past several months, participating councils have worked with renewable energy experts to select a number of preferred suppliers. The Our Solar Future website was launched in March 2015. The website provides households and small business with access to information about solar panels, solar hot water systems and heat pumps.

One of the barriers to uptake of PV systems is that many residents are still unsure of the requirements and process for purchase and installation of household PV systems. This includes the Development Assessment (DA) process, which may be perceived as a barrier by the community. This is in part due to the urban character with nearly half of the LGA area classified as a heritage listed area.

Council has undertaken a review of the current DA process and planning controls for the installation of solar PV systems in the context of heritage items, conservation areas and other areas. The review confirms that Council’s controls in relation to PV installation are consistent with the appropriate legislation and regulations. Some areas for improvement have been identified which can better serve residents and help streamline the DA process for PV installation. The draft review has been submitted to Council staff and discussions with Council’s Assessments and Planning teams are currently underway to review and address the recommendations.

Attachments

Mr John Steibel
Team Leader Environmental Strategy
Leichhardt Municipal Council
7-15 Wetherill Street
Leichhardt NSW 2040

Dear Mr Steibel

Notice of Continuing NCOS Carbon Neutral Certification: Leichhardt Municipal Council

Thank you for your continued participation in the National Carbon Offset Standard (NCOS) Carbon Neutral Program. The Department of the Environment (the Department) has completed its review of Leichhardt Municipal Council annual report covering the certification period of 1 July 2013 to 30 June 2014.

I would like to commend Leichhardt Municipal Council for the ongoing emissions reductions achieved since joining the Carbon Neutral Program.

The Department confirms that Leichhardt Municipal Council continues to satisfy all the requirements for carbon neutral certification under the Carbon Neutral Program for its council operations. These requirements include:

- Determining the boundary for the certification;
- Identifying the greenhouse emission sources;
- Quantifying the emissions;
- Monitoring and reduction of emissions; and
- Cancelling carbon offset units to offset the remaining emissions associated with the activity.

This certification is valid under the Licence for the use of the Certification Trade Mark under the National Carbon Offset Standard Carbon Neutral Program between the Department and Leichhardt Municipal Council (the Agreement) executed on 27 March 2013.

The Department confirms that Leichhardt Municipal Council has a non-exclusive licence from the date of this notice to use the NCOS Certification Trade Mark in Australia in respect of the certified council operations subject to the terms and conditions set out in the Agreement.

The enclosed document, Details of Leichhardt Municipal Council’s Certification, provides advice on reporting obligations and details items for action in Leichhardt Municipal Council’s next annual report. Also enclosed are the Rules for Use of the NCOS Certification Trade Mark and the Visual Style Guide.

The Department will shortly issue a formal certificate to Leichhardt Municipal Council in recognition of your achievement under the Carbon Neutral Program.
Please note that a notice under the Licence Agreement should henceforth be addressed to the Department via the following contact details:

Assistant Secretary  
Land Sector Abatement Branch  
Department of the Environment  
GPO Box 787  
Canberra ACT 2601

These contact details replace those listed in clause 12.9.1(a) of the Licence Agreement.

Yours sincerely

[Signature]
Felicity Ryan  
Acting Assistant Secretary  
Land Sector Abatement Branch  
Emission Reduction Fund  
May 2015

Encl.
1. Details of Leichhardt Municipal Council's certification  
2. Rules for use of the National Carbon Offset Standard Certification Trade Mark, 20 December 2013, Version 4  
Details of Leichhardt Municipal Council's certification

The following key reporting requirements, critical timelines and other important aspects apply to your certification:

1. Due date of your next report:

Your annual report covering the certification period 1 July 2014 to 30 June 2015 is due by 31 October 2015.

2. Third party auditing

In accordance with the NCOS requirements, your next annual report (for the certification period 1 July 2014 to 30 June 2015) will not need to be audited.

3. Publication of the Public Disclosure Summary

In accordance with the NCOS requirements, Leichhardt Municipal Council is required to publish its Public Disclosure Summary on Leichhardt Municipal Council's website. Please advise the Department when this has been completed.

4. Logo use

Please note that Leichhardt Municipal Council is required to seek the consent of the Department for any use of the NCOS logo. This enables the Department to ensure consistency of application and maintain visibility of its various applications. Please send requests for use of the logo to ncos@environment.gov.au. Please include any relevant artwork in your request.

5. Items for Action in the next Certification Period

Leichhardt Municipal Council to:

a) Provide an update of assumptions behind methods in the Inventory document.

b) Where onsite renewable energy is used, this should be reported in the emissions activity tables, along with the KWh used.

6. Opportunities for continuous improvement

a) Including a diagram of emission sources, rather than council functions may assist the public to understand the sources considered.

Should you have any questions about the programme itself or your specific entitlements and obligations under the terms of your certification, please do not hesitate to contact the Carbon Neutral Program team at ncos@environment.gov.au.
ITEM 9 OTHER BUSINESS

Division | Environment and Community Management  
Author | Team Leader Environmental Strategy  
Meeting date | 5 August 2015  
| Item 9 on 8 July 2015 Environment & Climate Change Committee Agenda meeting was cancelled  
Strategic Plan Key Service Area | Community well-being  
| Accessibility  
| Place where we live and work  
| A sustainable environment  
| Business in the community  

SUMMARY AND ORGANISATIONAL IMPLICATIONS

| Purpose of Report | To advise the Committee of other business items.  
| Background | NIL  
| Current Status | NIL  
| Relationship to existing policy | NIL  
| Financial and Resources Implications | NIL  
| Recommendation | That the Committee note other business items.  
| Notifications | NIL  
| Attachments | NIL  

Environment & Climate Change Committee Agenda  05 August 2015  
ITEM 9
Purpose of Report

To advise the Committee of other business items.

Recommendation

That the Committee note other business items.

Report

Other business items:

1. Community Perception Survey

2. Policy Council Meeting 9 June 2015 (C259/15P) re Implementation of Framework for Council and Committee Meetings

ITEM 3.2 IMPLEMENTATION OF FRAMEWORK FOR COUNCIL AND COMMITTEE MEETINGS

C259/15P RESOLVED PORTEOUS/JOBLING

1. That Council note the report on the implementation of the Framework for Council and Committee meetings.

2. That Council Officers consult with Committee members and monitor the governance and administration processes appropriate for Tier 1 Partnership and Coordination Committees and Facility Management Committees, and report to Council at the end of 2015.