

Prep-Yr12 - Waste & Recycling Extended Excursion

Terms & Conditions

Thank you for booking a Cairns Regional Council Prep-Yr12 extended excursion.

INFORMATION ABOUT YOUR BOOKING

Terms & Conditions:

PLEASE NOTE: Presentations may need to be cancelled or rescheduled with short notice in the event of extreme weather conditions, staff illness or due to Council operational requirements.

Who can take part?	Schools within the Cairns Regional Council local government area.
Available days	Tuesday – Thursdays, excluding public holidays
Cost	Excursions are free of charge for Schools within the Cairns Regional Council local government area. Transportation costs not included.
Age restriction	Prep-Year 12 Students
Minimum/Maximum Participants	Minimum 15, maximum 50 participants per tour/excursion session
Site clothing and safety	All visitors require: <ul style="list-style-type: none">• Closed-toe shoes. No sandals or high heels. Those without proper footwear must stay in their vehicles.• Weather-appropriate clothing like sunscreen, hats, rain gear, and insect repellent.
Student/community Group supervision	<ul style="list-style-type: none">• Council Officers will conduct activities with teachers/facilitators present.• Groups must supervise children according to their own policies. Teachers/Facilitators should ensure hygiene and safety.• Student behaviour is the responsibility of teachers/facilitators.• Stay with your tour guide, avoid running or climbing, and follow directions.• Don't handle items unless specified.• Avoid touching machinery or equipment.
Accessibility	All tour sites are wheelchair accessible. Disability-friendly toilets are at the Rediscovery Education Centre & Buy Back Shop. Let the Waste Education Officer know if you need these facilities.
Emergencies	In an emergency, visitors should adhere to the instructions given by operational staff or tour host, Rediscovery Centre Elevator must not be used in the event of a fire
Public Liability	Cairns Regional Council has appropriate public liability cover
Child Related Employment	Cairns Regional Council's Waste Education Officer has current Bluecard accreditation

Further information or assistance:

Waste Education Officer	Scott Paterson, Resource Recovery, Cairns Regional Council
Contact Details	Mobile: 0488 096 895 Ph: 4044 8352 Council Customer Service: 1300 692247
Email Address	wasteeducation@cairns.qld.gov.au
Website	http://www.cairns.qld.gov.au/

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Prep-Yr12 – Waste & Recycling Extended Excursion Overview:

The 2.5 hour extended excursion covers the following learning areas:	
<ul style="list-style-type: none"> • Understanding diverse types of waste • Examining the environmental impacts of waste • Investigating the waste management process specific to the Cairns region • Exploring environmental conservation measures such as reducing, reusing and recycling waste 	
Sites visited during the extended tour	
<ul style="list-style-type: none"> • Advanced Resource Recovery Facility - The facility manages kerbside waste from the Cairns region, extracting organics for composting, and facilitating the transport of remaining (residual) waste to landfill on the Tablelands. • Portsmouth Transfer Station & Buy Back Shop – Council’s largest facility for the processing of self-hauled waste and recyclables for recovery, recycling, or landfill. Reusable materials are separated for potential community reuse via the Buy Back Shop. • Materials Recovery Facility – Facility for sorting and processing of kerbside & commercial recyclable materials from the Cairns region and surrounds. • Glass Processing Facility – Specialised plant dedicated to the recycling of screened glass (derived from the MRF) into a sand substitute. • Portsmouth Capped Landfill – A viewing of the closed and environmentally monitored landfill site. 	
Activities:	
<p>Students can participate in fun activities tailored to their year level and available tour time, designed to demonstrate their understanding of the learning topics.</p> <ul style="list-style-type: none"> • Waste and Recycling Sorting Game: Teams of students work together to use a special machine to separate household waste into recyclable and non-recyclable items within a set time. • ‘Which bin does it go’ in puzzle: After learning about accepted and non-accepted materials, students sort magnetic items onto boards, identifying recyclable, compostable, and non-recyclable items. • The Waste Hierarchy Puzzle: Students work together to solve a 3D puzzle, prioritizing waste management strategies from most to least environmentally friendly. • Q&A Prize: Students review what they've learned, earning prizes for remembering key information. 	
Participants in these activities will be rewarded with prizes made from recycled materials upon completion.	
Risk Assessment Information	Please see information below
Additional education opportunities	Council recommends scheduling a pre-tour presentation (incursion) at your school prior to the excursion. This session offers an overview of the topics and learning objectives that participants will engage with during their visit.

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Tour Logistics

Council Host	Scott Paterson, Waste Education Officer, Resource Recovery. Mobile: 0488 096 895 Office: 4044 8352 Email: wasteeducation@cairns.qld.gov.au
Transport	<ul style="list-style-type: none">• Schools/Groups to arrange bus transportation. Private vehicles not permitted.• Parking available for large coaches at all sites visited.• Drivers should be cautious of operational traffic, adhere to signage, and drive carefully.• To ensure a smooth start to your tour, please inform the driver of the correct starting location. Different tours are available for visiting groups, and miscommunication may lead to significant delays.
Tour Locations	<p>The extended tour commences from the 37-51 Lyons Street, Portsmith. View Lyons street starting location on google maps</p>  <p>After visiting the site above, your host will lead the bus to Site 2, located at 17 Recovery Way, Portsmith (5 mins drive from this location) where the tour will conclude.</p>
Directions	<ul style="list-style-type: none">• 37-51 Lyons Street is accessed via the intersection of Ray Jones Drive (Bruce Highway). The tour commences from the gates of Portsmith Transfer Station.• On your tour day, if the Waste Education Officer isn't at the designated location, please call 0488 096895 or have the driver go to the gatehouse at Portsmith Transfer Station.• Please Have your completed 'Acknowledgement form' (see page 5 & 6) ready upon arrival.

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Tour Itinerary

Council provides one **extended** tour option per day. For multiple class bookings of this type of excursion, each day must be booked individually. It's not possible to have two extended tours in one day.

Extended tour itinerary

- 9:30 – Arrive at Portsmouth Transfer Station (35-51 Lyons Street), where the tour facilitator will meet your group at the gates and board your bus.
- 9:35 – Stay on the bus while the facilitator welcomes the group and directs the driver to the Advanced Resource Recovery Facility (ARRF) for a drive-through tour.
- 10:05 – Leave the ARRF and travel to the Council Buy Back Shop.
- 10:10 – Exit the transport for a walkthrough of the Council Buy Back Shop.
- 10:25 – Group re-enters transport, driver follows the tour facilitator (traveling in their own vehicle) to the CRC Materials Recovery Facility (MRF) at 17 Recovery Way, Portsmouth.
- 10:35 – Arrive at the gates of the MRF, where the tour facilitator again boards the bus and directs the driver to the MRF & Rediscovery Centre.
- 10:40 – Group disembarks transport at the Rediscovery Centre for a short break.
- 11:05 – Overview of the MRF facility commences.
- 11:15 - Walkway viewing of the MRF facility.
- 11:30 – Group activity/challenge.
- 11:45 – Group reboards the bus and proceeds to the Portsmouth capped landfill site.
- 11:50 – Arrive at the capped Landfill Site, where the facilitator concludes the tour.
- 12:00 - Depart Council facilities.

Contact Information:

Waste Education Officer	Scott Paterson
Contact Details	Mobile: 0488 096 895 Ph: 4044 8352 Council Customer Service: 1300 692247
Email Address	wasteeducation@cairns.qld.gov.au
Website	http://www.cairns.qld.gov.au/

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Teacher in Charge/Tour Group Leader Acknowledgement Form

Upon arrival, the Council tour facilitator will collect the signed form with the complete list of participants before the tour begins. If the form isn't completed, the tour may be postponed.

Tour Participants

Date:	
School:	
Year Level:	
Teacher in Charge/Group Leader:	

Name:
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Teacher/Group Leader Signature:

I: _____ (Print Name) will be supervising the group
from _____ (School/Organisation)
during the visit to Cairns Regional Council Resource Recovery Facilities.

I confirm that I've read, understood, and agreed to the terms in the provided document. I've listed all participants and ensured they have suitable footwear. I take responsibility for everyone's actions and safety.

Signature: _____ Date: ____/____/____

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RESOURCE RECOVERY - WASTE EDUCATION PROGRAM Risk Assessment Documentation

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RISK ASSESSMENT NOTE PAD

Location of the OHS risk, concern or issue:
Schools and Community Group locations/facilities.

Describe the OHS risk, concern or issue: **Cairns Regional Council Resource Recovery Tours, Presentation & Public Engagement** Risk score before control **E-73**

Your name: *Scott Paterson* Persons Likely to be Affected (employees, public or others): **Staff and members of the public including; early learning age children, school students, teachers/group leaders. All participants of Waste Education engagement program.**

Access the likelihood & consequences from the Hazards or Risk					
Consequences					
Likelihood	Insignificant No Injury <\$1,000 cost	Minor First Aid only no time lost \$1,000 - \$5,000 cost	Moderate < 4 days off –cuts sprains & sprains \$5,000 – \$50,000 cost	Major >4 days off broken/fractured bones etc \$50k- \$250k cost	Catastrophic Death or loss of limb or bodily function >\$250K
Almost certain <i>Is expected to occur most times</i>	M-52	H-64	E-76	E-88	E-100
Likely <i>Will probably occur most times</i>	M-44	H-56	H-68	E-80	E-92
Possible <i>Might occur at some time</i>	L-36	M-48	H-60	E-73	E-84
Unlikely <i>could occur at some time</i>	L-28	L-40	M-53	H-65	E-78
Rare <i>May occur in exceptional circumstances</i>	L-20	L-32	M-45	H-57	H-69

Hierarchy of control	Yes	No
<i>If yes, provide details of the selected control options in Control Options/Safety Precautions.</i>		
Eliminate – Can the process or substance be eliminated completely?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Substitute – Can the process or substance be replaced with a safer one?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Isolate – Can the process or person be separated from the hazard/risk?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Engineer – Can the process be re-designed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Administrative – Can we limit the exposure to the risk by job rotation or training?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PPE – Can we use personal protective equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Describe the recommended control method: Visual monitoring, verbal communications and on-site management by use of visitor sign-in system and safety briefing.

Risk score
after
control

L-40

RECTIFICATION ACTION PLAN

OHS risk, concern or issue	Risk level before control	Control / Corrective Action	Risk level after control	Responsible Officer	Date to be completed by	Action Verified
1. Visitors or Council Staff being exposed to COVID-19 during excursions/presentations	H-56	<ul style="list-style-type: none"> In compliance with Council's Covid Safety measures approved by CRC WH&S the following requirements will be followed for each school/community group visit/presentation or public engagement activity: Council staff will follow directions specified by QLD Health, CRC Workplace Health & Safety The Rediscovery Centre will be cleaned routinely, including frequently touched surfaces (chairs, handrails, doorknobs, activities). Participant visitor logs will be completed and provided. Presenting staff will sign in at School/Community facilities as required 	L-40	Waste Education Officer/Resource Recovery Coordinator, Resource Recovery	05/09/2023	
2. Exposure to odours, low level gases at Council Resource Recovery facilities	H-56	<ul style="list-style-type: none"> Approved ventilation systems have been installed in the Rediscovery room. Waste Education officer or Tour facilitator are to run air conditioner at least 30 mins prior to any activities all other facilities visited sites are outdoors (or viewed from within chartered buses/vehicles). 	L-40	Waste Education Officer/Resource Recovery Coordinator, Resource Recovery	05/09/2023	

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<p>3. Exposure to recycling & waste materials processes within the Portsmouth Resource Recovery facilities that includes, but not limited to: Noise, dust, odour, mobile plant, possible flying debris, high pressure hydraulic fluids, high voltage electricity, stacked bails of product & fire.</p>	<p>E-73</p>	<ul style="list-style-type: none"> All Participants must be under constant supervision by Waste Education Officer/facilitator and facility staff for duration of tour. Transport Bus (coach) must park in designated zones to allow tour group to disembark directly from bus and into the Rediscovery Centre, Buy Back Shop, Portsmouth Shade Shed (and as directed by Council staff). Participants must exit transport vehicles and move directly to Rediscovery Centre and not be allowed to enter working areas of the Materials Recovery Facility, Portsmouth Transfer Station or Buy Back Shop Signed acknowledgement form (Emergency list/roll of all participants including teachers/facilitators) must be presented upon arrival for all groups. Any damage or incidents during visit must be reported discussed. In an emergency, under direction of Council staff group will be directed exit the Rediscovery Centre via single exit door & down western/or eastern facing stairs. Participants to depart MRF and gather at designated muster points 	<p>L-40</p>	<p>Waste Education Officer/Facilitator/ Team Leader Resource Recovery Precinct</p>	<p>05/09/2023</p>	
<p>4. Accessing Rediscovery Centre from stairway.</p>	<p>E-73</p>	<ul style="list-style-type: none"> Ensure Council staff member is positioned at top of stairway & Teacher/tour leader at bottom of stairway to assist visitors if required. Ensure visitors ascending & descending stairs face forward to steps at all times and maintain three points (3) points of contact. 	<p>ST</p>	<p>Waste Education Officer/Facilitator/ Team Leader Resource Recovery Precinct</p>	<p>05/09/2023</p>	

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<p>5. Accessing the Rediscovery Centre via elevator</p>	<p>E-73</p>	<ul style="list-style-type: none"> • Ensure elevator and controls are only operated by Council staff member. • Council staff member accompanies student/teacher/visitor on the elevator. • All passengers must observe the following safety requirements: <ul style="list-style-type: none"> • Maximum of 4 Adults (340kgs) at any time (Covid-19 requirement, max 2) • Elevator entry and exit doors must be locked after use, before any activities in the Rediscovery Room Commence. • Enter and exit elevator safely. • Hold belongings firmly. • Stand clear of the internal opening. • Keep hands, feet, head away from moving surfaces. • If there is a fire in the building use the stairs. 	<p>ST</p>	<p>Waste Education Officer/Facilitator/ Team Leader Resource Recovery Precinct</p>	<p>05/09/2023</p>	
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<p>6. Viewing Materials Recovery Facility from elevated walkway.</p>	<p>E-73</p>	<ul style="list-style-type: none"> • Ensure Council staff member always accompanies group and is positioned at beginning of group to assist visitors if required. • Ensure visitors walking along viewing areas face forward at all times, no running, jumping, climbing at any time. • Except in emergencies, group is to depart the walkway via the Rediscovery Centre stairs (if no fire, elevator can also be used) • In an emergency, under direction of Council staff group will be directed to exit walkway via western facing stairs/Rediscovery Room Stairs as required. Participants to depart Materials Recovery Facility and gather at designated muster points (or via direction by MRF staff). 	<p>ST</p>	<p>Waste Education Officer/Facilitator/ Team Leader Resource Recovery Precinct</p>	<p>05/09/2023</p>	
<p>7. Public perception of facility (poor housekeeping)</p>	<p>H-60</p>	<ul style="list-style-type: none"> • Prior to tours carry out a facility cleanout including floor areas, horizontal surfaces of walls & machinery, viewing windows, RDC bins, toilets, walkways and around external perimeter of facility. 	<p>ST</p>	<p>Waste Education Officer/Facilitator/ Team Leader Resource Recovery Precinct</p>	<p>05/09/2023</p>	
<p>8. Transport Vehicles (commercial or private) colliding with plant/ site infrastructure. Participants being struck by Public\Mobile Plant Vehicles in MRF, Portsmouth Transfer Station, Advanced Resource Recovery Facility, Buy Back Shop, roadways and carparks areas /adjacent to green waste drop off areas.</p>	<p>H-69</p>	<ul style="list-style-type: none"> • Council Staff to ensure tour groups remain away from traffic areas, tour participants with children must keep children in full view, not allowing them to leave the group area. • Drivers of commercial or private transportation must follow Council staff instructions/requirements and be mindful of all high vehicle movement volumes at the site. Extra care must be taken when driving around the Resource Recovery facilities. 	<p>ST</p>	<p>Bus Drivers, Tour Group Leader(s), all drivers of private/commercial vehicles, Buy Back Shop & Portsmouth TS staff</p>	<p>05/09/2023</p>	

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<p>9. Viewing the Resource Recovery Precinct from the Landfill shade shelter.</p>	<p>M-45</p>	<ul style="list-style-type: none"> Council Staff to Ensure tour groups remain away from any moving traffic, tour participants with children must keep children in full view, not allowing them to leave the group area, viewing of the landfill site to be conducted within the boundary of the shade structure only. 	<p>ST</p>	<p>Waste Education Officer/Facilitator/ Team Leader Resource Recovery Precinct</p>	<p>05/09/2023</p>	
<p>10. Coming into contact with sharp, hot, heavy materials, trip hazards, falling items from shelving at the Buy Back Shop/Transfer Station</p>	<p>E-73</p>	<ul style="list-style-type: none"> Council Staff to ensure tour groups (especially children) are informed to 'look with eyes only' at the Buy Back Shop. Handling items only recommended by teachers/group leaders 	<p>ST</p>	<p>Waste Education Officer/Facilitator/PTS/BBS Leading Hand</p>	<p>05/09/2023</p>	
<p>11. Applicable for community open days only - accessing internal CRC MRF plant working platforms (Waste Sorting Areas) via fixed walkways.</p>		<ul style="list-style-type: none"> Ensure all electrical, mechanical & hydraulic systems are shut down, isolated & tagged as per Cairns Regional Councils Procedure #1021088 Ensure all participants are given safety briefing. Ensure all participants have enclosed shoes. Ensure Council staff member leads the group at all times. Ensure visitors ascending & descending stairs/walkways. Face forward to steps at all times and maintain three points (3) points of contact. Ensure visitors do not touch any machinery, loose pieces of waste, or wander from tour group at any time. Ensure participants comply with all instructions given by Council staff at all times. Ensure participants maintain social distancing requirements (1.5m apart) where possible. 	<p>ST</p>	<p>Waste Education Officer/Facilitator/ MRF Supervisor</p>	<p>05/09/2023</p>	

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<p>12. Council Staff/Members of public being exposed to COVID-19 during school/community presentations or public engagement activities</p>	<p>H-56</p>	<p>In compliance with Council's Covid Safety measures approved by CRC WH&S the following requirements will be followed for each school/community group visit/presentation or public engagement activity:</p> <ul style="list-style-type: none"> • Council staff will follow directions specified by QLD Health, CRC Workplace Health & Safety • Council staff will follow requirements set by Schools/Community Groups, signing in where required, checking into site or presenting vaccination status • Alcohol based hand sanitiser will be in use • Council staff will cancel and postpone activities if unwell 	<p>L-40</p>	<p>Waste Education Officer/Facilitator/ Team Leader Resource Recovery Precinct</p>	<p>05/09/2023</p>	
<p>13. Exposure to recycling & waste materials & injury caused by faulty or unchecked equipment/props (wheelie bins, recycled/waste materials, sharp cans/tins & plastic)</p>	<p>M-45</p>	<ul style="list-style-type: none"> • All equipment in use is pre-checked before each session to ensure functionality. • Recycle and Waste material regular rechecking and removal of any sharp or potentially hazardous materials. Routine cleaning of materials able to be cleaned and disposal of unsuitable materials on a rotational basis. • Supervision during presentations, activities and discussion by Council staff & Teachers/Facilitators to ensure safe handling of materials 	<p>L20</p>	<p>Waste Education Officer/Facilitator</p>	<p>05/09/2023</p>	

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<p>14. Trips and falls during Recycling Relay team activity.</p>	<p>M-45</p>	<ul style="list-style-type: none"> • Clear instructions provided to participants on taking part in activity, while remaining safe and being spatially aware of bin & material container positioning • Group briefed on acceptable and appropriate behaviour when taking part in the relay activity • Unsafe handling of bins, or inappropriate behaviour during activity will require the activity to cease, or removal of those participants involved • Suitable number of supervising staff based on numbers participating. Waste Education officer and staff to have current first aid certification 	<p>L20</p>	<p>Waste Education Officer/Facilitator</p>	<p>05/09/2023</p>	
<p>15. Injury to Council staff member from moving equipment from Council vehicles to engagement activities (School, Community Group, Shopping Centre). Lifting, carrying, pushing, pulling, holding, moving materials.</p>	<p>E-73</p>	<p>Council staff will follow directions specified by CRC Workplace Health & Safety procedures</p>	<p>L-20</p>	<p>Waste Education Officer/Facilitator</p>	<p>05/09/2023</p>	

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<p><u>Person Authorising the Rectification.</u></p> <ul style="list-style-type: none">• Name:• Signature:• Payroll Number:	<p><u>Authorisation Levels.</u></p> <ul style="list-style-type: none">• Major Expenditure & Training: - Team leader and Coordinator / Manager.• Medium Expenditure: - Team leader & consultation with Coordinator / Manager.• Minor Expenditure: - Site Supervisor & consultation with Team leader.
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Person who compiled this Risk Assessment Note Pad

Name: Scott Paterson
Waste Education Officer

Signature

A handwritten signature in black ink, appearing to be "Scott Paterson".

Date: 05/09/2023

Authorised by Manager Resource Recovery

Name: Steve Cosatto
Executive Manager Resource Recovery

Signature

A handwritten signature in black ink, appearing to be "Steve Cosatto".

Date: 05/09/2023