

## BINGO EASTERN CREEK RECYCLING ECOLOGY PARK COMMUNITY WEBINAR FAQs

Question	Response
Can you give us more detail on your air quality management plan?	The site has an approved air quality, odour and greenhouse gas management plan. The Plan includes a range of controls for management of air quality impacts potentially associated with site operations such as dust, vehicle emissions and landfill gas. This and other management plans are available for download on BINGO's website ( <a href="https://www.BINGOindustries.com.au/Policies/eastern-creek-policies-and-reporting">https://www.BINGOindustries.com.au/Policies/eastern-creek-policies-and-reporting</a> ).
How will dust be managed when it is windy, hot and dry?	The sites approved air quality, odour and greenhouse gas management plan includes a range of controls for management of dust. Activities are adjusted as conditions change. Weather conditions are monitored, activities and dust controls are adjusted to accommodate the prevailing weather conditions. Activities performed onsite will need to be modified during periods of high winds. The site's air quality, odour and greenhouse gas management plan is reviewed annually.
Why does our home need to become Sydney's dumping ground?	<p>The Recycling Ecology Park (REP) provides essential waste infrastructure to support a growing Greater Sydney population while committing to enhancing environmental, social and economic outcomes, not just in NSW but to the nation as a whole. The REP's current three proposals will support the NSW and Australian Government in increasing recycling rates, landfill diversion, improving environmental performance of existing site operations, reducing greenhouse gas emissions and driving a circular economy.</p> <p>The Australian and NSW Governments are investing \$4.4 billion over 10 years in the Western Sydney Infrastructure Plan (WSIP) providing provide better road linkages within the Western Sydney region which will benefit the region's growing population and create opportunities for economic growth and employment. To support this critical pipeline of infrastructure there needs to be adequate recycling infrastructure to ensure that the materials from the area are recovered and reused through a circular economy model. BINGO is developing this critical recycling infrastructure at its Eastern Creek facility to support Western Sydney's development. As a result, Western Sydney will lead the way in terms of recycling best practice and achieve their regional targets set under the Western Sydney Regional waste avoidance and resource recovery strategy and NSW Government 20 year waste strategy.</p>
How is this activity compatible with residential use within 500 metres of the facility?	<p>The site has had a long-standing commercial / industrial history dating back to the 1800s and has historically been used for both agricultural and breccia quarrying purposes. Following the cessation of quarrying activities at the site in September 2006 it was transformed in November 2009 to the Genesis Xero Waste Management Facility (now named the Eastern Creek REP), comprising a resource recovery facility and non-putrescible landfill. The REP in its current form has been in operation for more than a decade.</p> <p>The REP is located within and is consistent with the objectives of the Western Sydney Employment Area (Eastern Creek Precinct). The Western Sydney Employment Area provides businesses in the region with land for industry and employment while also providing access to major transportation corridors and utility services and is close to the under construction Western Sydney Airport. As stated in the Greater Sydney Region Plan (GSC, 2018), in order to reduce waste transport requirements, retaining industrial land locally for waste management and recycling is critical.</p> <p>The proposals provide the Western Sydney Employment Area and surrounding Western Sydney Growth Area with waste infrastructure for both Construction &amp; Demolition (C&amp;D) waste generated during construction (including from activities such as Western Sydney Airport, M12 Motorway and various urban release areas and utility upgrades), as well as Commercial &amp; Industrial (C&amp;I) waste generated by new businesses. The proximity of the</p>

	<p>Eastern Creek REP provides a positive outcome for both developers and the community through reduced transport requirements and the associated reduction in community and monetary costs.</p> <p>Existing operations of the REP have been assessed and approved by the NSW Government Department of Planning, Industry and Environment. Any future activity at the REP will be assessed by independent consultants and reviewed by relevant NSW Government agencies prior to approval being issued to ensure that impacts on the environment and the amenity of surrounding neighbours are appropriately managed.</p>										
<p>What difference will our feedback make to your plans?</p>	<p>BINGO is committed to undertaking meaningful stakeholder consultation that considers the feedback provided in the ongoing development of the proposals.</p> <p>A total of 4,000 newsletters were distributed by BINGO Supplier Flyers Direct over the period from 24 October to 28 October. "No Junk Mail" letter boxes did NOT receive the newsletter.</p> <p>The suburbs covered included:</p> <table border="1"> <tr> <td>Minchinbury</td> <td>1480</td> </tr> <tr> <td>Eastern Creek</td> <td>290</td> </tr> <tr> <td>Erskine Park</td> <td>1900</td> </tr> <tr> <td>St Clair</td> <td>330</td> </tr> <tr> <td>Total</td> <td>4000</td> </tr> </table> <p>Following the first community webinar held on the 4th November BINGO received feedback that a number of streets in Minchinbury did not receive the BINGO newsletter. Another 1,000 newsletters were delivered by BINGO employees to the streets identified by community members, following our webinar on 4 November. In addition, BINGO agreed to hold a third webinar on Thursday 11 November. This was included in the additional newsletters and was advertised on BINGO's website and Facebook page. BINGO have also paid for Facebook advertising geolocated to Minchinbury, Erskine Park and Eastern Creek for the newsletter and additional webinar date.</p> <p>Issues raised by stakeholders during consultation are recorded and responded to as required. All feedback will be considered during the ongoing development of the Proposals. In addition to this, a community engagement outcomes report will be prepared for each of the Proposals showing details of how the issues raised during consultation have been addressed and where they have resulted in changes to the proposal.</p>	Minchinbury	1480	Eastern Creek	290	Erskine Park	1900	St Clair	330	Total	4000
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<p>You say you will be lodging in Q1 2022 but there isn't a lot of detail in what you have shown</p>	<p>BINGO's technical consultant team are undertaking detailed assessments in the relevant environmental assessment areas to inform the Environmental Impact Statement (EIS) for the Recycling Infrastructure Optimisation Project. The purpose of this preliminary consultation is to inform the preparation of the EIS and is the first step of BINGO's ongoing engagement to consult with stakeholders throughout the State Significant Development (SSD) process. Post lodgement, it is anticipated that the Department will place the EIS on exhibition in Q1 2022 where stakeholders will have another opportunity to provide feedback based on your review of the EIS and supporting technical studies.</p>										

<p>us? What are you sitting on and not sharing at this point?</p>	
<p>What control do you have over how vehicles access ECREP?</p>	<p>The Eastern Creek REP is strategically located adjacent to the arterial road network including key roads such as the M4 Western Motorway and the Westlink M7 Motorway. All vehicles would access the site via Honeycomb Drive and Wonderland Drive as the only primary access roads within the broader industrial precinct. BINGO has direct control over a significant proportion of vehicles that access the site and has the ability to schedule vehicle access outside of peak traffic periods.</p>
<p>Is this proposal in any way related to the NEXT Generation EfW proposal?</p>	<p>The Proposal has no linkage to the Next Generation EFW facility. It is noted that this project will no longer proceed based on the recent NSW Government announcement of the NSW EFW Infrastructure Plan.</p>
<p>What if this does cause impacts – how will the community and environment be protected?</p>	<p>Potential impacts from the Proposals will be assessed by BINGO’s appointed consultant team and specialist advisors and reviewed by relevant NSW Government Agencies. Any potential impacts identified will be managed through the implementation of mitigation measures to minimise impacts to the community and environment. Ongoing monitoring will be undertaken during operations in accordance with the site’s Environmental Management Strategy and supporting environmental management plans and relevant conditions of consent for each of the approvals to ensure the Eastern Creek REP continues to operate in a way that manages potential impacts to the community and the environment.</p>
<p>If you can’t manage odour properly at the current throughput level, how can we trust BINGO to manage this with 50% more waste coming into the ECREP?</p>	<p>The activities of the resource recovery operations at the facility do not generate odour and are associated with inert non putrescible waste materials that do not generate odour. To rectify the odour issue arising in March 2021 from a significant rainfall event and generation of landfill gas BINGO has implemented a range of measures such as installation of temporary flare network, capping and odour monitoring and is in the process of installing a permanent gas flare at the site. The temporary flare system continues to operate effectively and has resulted in a substantial reduction in odour emissions from the facility. Once installed the permanent flare system will provide ongoing odour management (at an even greater level of efficacy than the temporary system) and prevent a recurrence of this event in the future.</p> <p>Note that odour issues are related to management of waste within the landfill. For the Recycling Infrastructure Optimisation Project, additional throughput would be processed through MPC2 with the majority of this waste (85 - 90%) diverted from landfill.</p> <p>BINGO are looking to further increase resource recovery rates in the future and are currently developing a 10 year innovation roadmap to support our vision being zero waste to landfill.</p>

<p>What does the permanent more sustainable solution for gas collection and management involve?</p>	<p>The permanent solution involves the installation of two high temperature, fully enclosed ground flares to support the operations of the Eastern Creek REP. The flare units will meet current NSW, Australian and European emissions standards and will have a demonstrable 98 to 99 % destruction efficiency. The flares will be connected to the landfill's existing approved gas collection network.</p>
<p>If you only take inert non putrescible waste what created the smell?</p>	<p>The NSW Environment Protection Agency (EPA) advised BINGO that two potential sources of odour were identified in the landfill in early 2021- the leachate riser and vent pipe. The high levels of leachate impacting the leachate riser was the result of a one in a hundred-year rain event in March where significant volumes of water entered the landfill, increasing the potential for the production of odour. Measures have been implemented to divert surface water from entering the landfill as much as possible. Our landfill accepts inert, non-putrescible waste typically derived from construction and demolition and commercial and industrial sources and does not accept putrescible waste (such as waste in domestic red bins and food waste). However, inert landfills will include some organic material which can be broken down by micro-organisms in the absence of oxygen to produce methane. Some components of the waste accepted at the landfill contain a component called sulphate which are readily digestible by certain bacteria. Sulphates are a good source of food for these bacteria under certain conditions. These bacteria can produce an odorous gas, hydrogen sulphide, as a waste product, and this is what was smelt in the area earlier this year.</p>
<p>How do we know for sure you don't take any putrescible waste?</p>	<p>BINGO is not approved or licensed to receive or process putrescible waste. Non-putrescible general solid waste does contain some organic material, which can be broken down by micro-organisms in the absence of oxygen to produce methane.</p>
<p>With the leachate is there any risk to the water table or Ropes Creek?</p>	<p>Our monitoring requirements in accordance with our landfill EPL have not identified any risks to offsite environmental receivers such as Ropes Creek. The site has an operating leachate treatment plant which is regulated under trade waste discharge consent with Sydney Water and discharges treated leachate to sewer.</p>
<p>Why did it take you so long to act?</p>	<p>As soon as we were made aware of odour within the local community in early April 2021, we took the following immediate actions:</p> <ul style="list-style-type: none"> <li>• commissioning an odour audit and review to assist in identifying potential sources of odour;</li> <li>• commissioning daily inspections of the landfill</li> <li>• if areas of odour were identified in the landfill, additional cover, in excess of licence requirements, was applied.</li> <li>• appointed independent landfill experts</li> <li>• expedited the installation of landfill gas collection and treatment infrastructure to mitigate any impacts to the community from odour.</li> </ul>
<p>What is in the gas you collect and burn off?</p>	<p>The gas to be captured and flared consists largely of methane (over 50 %) and carbon dioxide (40 % to 50 %) with other trace gases such as hydrogen sulphide present.</p>

<p>Are there any health impacts from flaring off the gas we need to know about? Are you monitoring for these?</p>	<p>Flaring of gas reduces the risk of any potential health impacts of landfill gas. Both our current temporary landfill gas treatment system and proposed permanent system will control landfill gas produced at the site aims to eliminate all landfill gases and particles will be emitted from the flare.</p> <p>The emissions of these particles and gases will be calculated and modelled to assess the potential impact across a 4 km x 4 km area, centred on the site.</p> <p>Air quality standards for these emissions and short- and long-term impacts, will be considered in the assessment.</p> <p>The permanent flare will be designed in accordance with NSW, Australian and European emissions standards.</p>
<p>Could these gases be put to any other better use?</p>	<p>Flaring represents a potential first step in the effective management of landfill gas, and aims to eliminate any generated odour, and reduce the greenhouse gas impact of the site.</p> <p>In future, the gas could be utilised to produce energy which is a common practice for many operating landfills in Australia, and this is being investigated by BINGO.</p>