



Litter Prevention Toolkit – Data Collection Guide

Use this guide to evaluate how well the Toolkit increases public awareness of litter and reduces littering behaviour.



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What is the Litter Prevention Toolkit?

The [Litter Prevention Toolkit](#) is a suite of practical resources for councils, community groups and organisations to implement in their local area to encourage anti-littering behaviour.

The Toolkit was developed by BehaviourWorks Australia, Shannon Behaviour Change and Melbourne Water and has been informed by behaviour change research and insights from a community forum.

The Toolkit includes a suite of ready-to-use resources to help promote litter prevention behaviours, using clear, universal messaging. The Toolkit includes:

- Semi-customisable posters (partner logos can be added)
- Social media post templates
- Bin and floor decals
- Litter prevention discussion guides for communities, schools and construction sites

These assets can be downloaded from the [Litter Prevention Toolkit website](#).

What's included in this guide?

This guide includes suggested data collection methods for evaluating how well the Toolkit increases public awareness of litter and reduces littering behaviour.

Key Evaluation Questions and data collection methods

Key Evaluation Questions (KEQs) are high-level questions that an evaluation is designed to answer. Understanding what KEQ you are intendeding to answer makes it easier to decide what data to collect, how to analyse it, and how to report it. The below table outlines key evaluation questions for implementing the Toolkit and suggested data collection methods. You may choose one, two or all three evaluation questions in your project.

Table 1: Key evaluation questions for evaluating toolkit effectiveness and suggested data collection methods.

Evaluation question	Data collection method
What evidence is there of changes to people's awareness about litter?	Interviewing members of the public at toolkit sites

Evaluation question	Data collection method
What evidence is there of people changing their behaviour and littering less?	Observational surveys of littering behaviour
What evidence is there of on-ground changes to litter prevalence?	Litter audit

Recording data

Before heading into the field it is important to think about how you will collect and store data. You may wish to use a mix of paper and electronic forms (e.g. paper forms for collecting data in the field and online spreadsheet for collating survey results) or electronic forms only (e.g. Microsoft Forms). **All data should be stored in a secure, accessible location.**

Litter audit data should be entered directly into the [LitterWatch website](#) (see Measuring litter abundance, pg. 8).

At the beginning of each survey make sure you record the following information:

- Site name
- Site street address
- Site GPS coordinates
- Observer name
- Time and date
- Field notes – anything observed that may impact your survey

Sharing results

You may wish to summarise the results of your survey/s in a case study or report to share with other agencies.

To help Melbourne Water evaluate and improve the Litter Prevention Toolkit, please share any results or findings with waterwatch@melbournewater.com.au.

Data Collection Methods

1. Interviewing members of the public at toolkit sites

The steps below outline a general method for surveying members of the public at a site where the Toolkit has been implemented.

1. Identify what sort of change you are expecting of people at your site. Are you, for example, expecting people to see Toolkit posters as they walk through a site? Are you expecting people who use a bin to see the Toolkit decal? Are you expecting people to see the floor decals and be guided to bins? Getting clear on what you are expecting will help you target the right people for interviews – e.g. people who have just used a bin vs. people who have just walked by a poster.
2. Decide whether you need to collect feedback from people before and after your intervention (e.g. you are trying to measure an increase in awareness because of the Toolkit signage), or just after it (e.g. you simply want to test if people noticed the Toolkit signs or remembered the messages).
3. **Make sure you identify and consider any safety issues.** See Section 8 Hazard Risk Matrix in the [Australian Litter Measure \(AusLM\) field guide](#) for a range of safety considerations. You may wish to wear a uniform, name tag or high-vis clothing during interviews.
4. Approach people for interview being mindful of the following points:
 - a. Within your target audience (e.g. people who have walked by a Toolkit poster), try to approach people haphazardly (i.e. don't try picking out particular people – try to be as random as possible)
 - b. Keep it friendly - Start by introducing yourself, your organisation and why you are interested in talking to them.
 - c. Keep it brief.
 - d. Be mindful not to use judgemental language.
5. Ask questions relevant to your project. Some indicative prompt questions are:
 - a. If interested in understanding messaging.
 - i. Did you notice the poster about littering you just walked by?
 - ii. Do you remember what the message was?
 - iii. Was there anything about the poster/decal that was new information for you?
 - iv. Are you likely to do anything differently because of it?

- v. Are you able to point out the nearest bin?
- b. If interested in general awareness before and after intervention.
 - i. If people drop litter, where do you think it ends up?
 - ii. If there are no bins around but people have rubbish they need to get rid of, what do you think people should do?
 - iii. Are you able to point out the nearest bin?

2. Observational surveys of littering behaviour

1. **Pick your observation site.** In picking your site, you should:
 - a. Make sure it is in or near the area of your proposed intervention (e.g. site with Toolkit bin decals, posters, etc.). You want to be assessing the behaviour of people who have seen (or potentially seen) your decals or posters - so the closer the better.
 - b. Make sure it is where you think people are littering (as this is the behaviour you want to observe). The site can have bins, as long as the bins are not being used 100% of the time (in which case you won't see an impact of your intervention at that site).
 - c. Define for yourself the boundaries of the area. You will need a consistent way of deciding whether they are 'in' or 'out'. Clear landmarks (e.g. road crossings, park entrances, shopfronts) will help.
 - d. Pick a site that is reasonably busy. The more people observed the more sensitive your data will be to detecting any changes in rates of littering.
 - e. Pick a site that you can see clearly. You need to be able to see anyone litter as well as anyone who uses a bin. An area around the size of a tennis court is reasonable. Sites with good visibility and that are spread out might be larger, while busy sites with lots of plants or infrastructure might need to be smaller.
2. **Pick the day(s) and times(s) of your observation sessions.** Pick a day of the week and time to do your observation session(s). Ideally you should:
 - a. Plan at least three observation sessions before your intervention and three after (Figure 1).
 - b. In the 'before' period, observation sessions can be on the same day separated by weeks (e.g. each Tuesday for 3 weeks). They can

also be on different days in the same week (e.g. Monday, Tuesday and Friday). The more your days reflect an 'average' day the better.

- c. Plan a time for doing your observations. Try to pick a busy time of the day – e.g. midday. As above, the more people you are able to observe the more sensitive your data will be at detecting any changes. Ideally, do the same time for every observation session.
 - d. Make sure whatever days of the week and time you pick you can repeat the observation sessions on the same days of the week and times after your intervention.
 - e. Try to pick a 'typical day' – that is, avoid events, festivals or any other unusual activity.
3. **Make sure you identify and consider any safety issues.** See Section 8 Hazard Risk Matrix in the [Australian Litter Measure \(AusLM\) field guide](#) for a range of safety considerations. Observers should aim to be 'invisible' and use a 'fly on the wall approach' – avoid wearing a uniform, high-vis clothing or name tag during this survey.
4. **Observe behaviour at your site for 30 minutes** as planned above
- a. Count the number of people you see putting rubbish in bins
 - b. Count the number of people you see littering
 - c. If possible, count the number of people you see passing through the site (though this is less important).
 - d. Feel free to make notes about the type of litter being left and any other observations that might help understand the behaviour
 - e. Repeat as planned above (e.g. every Tuesday at 12 pm for three weeks).
5. **Implement your intervention.** This should be done relatively soon after your last observation session (e.g. a week or two at most) to minimise the effect of any broader changes in the external environment.
6. **Repeat the observations at the same intervals.** E.g. every Tuesday at 12 pm for three weeks after the intervention. This will allow for a good comparison between how people are behaving before and after the intervention.

To improve the robustness of your trial, you can also consider doing before and after observations at a site that has not had an intervention (i.e. a control site). This provides a point of comparison to help account for any broader factors that have also changed over that period (e.g. a separate anti-littering campaign by State Government). This approach is most useful if the sites

closely match each other in terms of the sort of people and behaviours that are likely to be present.¹

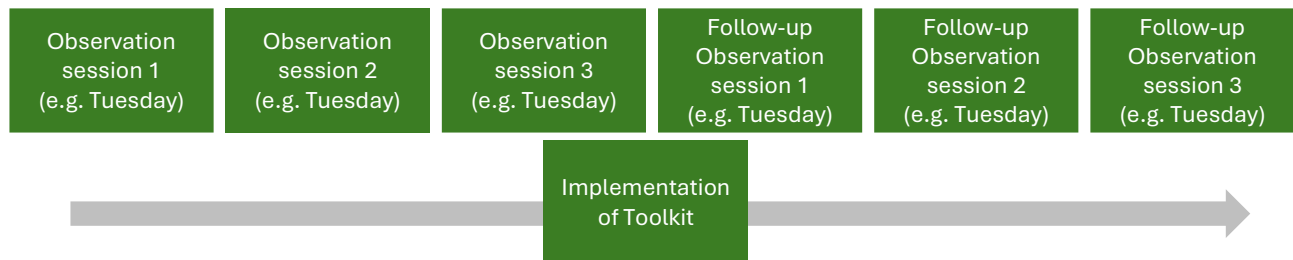


Figure 1. Indicative timing of observation sessions.

3. Measuring litter abundance (litter audit)

1. **Pick your auditing site.** In picking your site, you should:
 - a. Make sure it is in the area where you think your proposed intervention (e.g. installation of Toolkit assets) will have an impact. This could be immediately around where people are littering or where litter is accumulating. The more litter in an area, the more likely you are to be able to measure a change.
 - b. Define for yourself the boundaries of the site. You will need a consistent way of deciding what is 'in' or 'out'. Clear landmarks (e.g. road crossings, park entrances, shopfronts) will help.
 - c. In terms of size, you should choose a site that is at around 50 m² to 150 m² (around half a full tennis court). Smaller sites are possible with high litter levels while larger sites can also be surveyed if you have the resources. You can measure the area by physically pacing it out or by drawing a polygon around it using Google Earth.²
2. **Make sure you identify and consider any safety issues.** See the start of Section 5 and Section 8 in the [Australian Litter Measure \(AusLM\) field guide](#) for a range of safety considerations. You may wish to wear high-vis clothing, a uniform or name tag during a litter audit.

¹ Note that a control site for behavioural observations is likely to be less useful than for litter audits because there are fewer factors that might impact changes to people's behaviour compared to the factors that might influence changes in litter abundance.

² Google Earth online version: <https://earth.google.com/web/>
Instructions for starting Google Earth and drawing a polygon:
<https://developers.google.com/maps/documentation/earth/quickstart>

3. **Clear the site of litter.** It's important to follow a reasonably systematic search pattern to make sure you collect everything – e.g. sweeping back and forth as outlined in Figure 2. At this stage it is not critical to count the litter – this is just to make sure there is no litter at the site. Removing all the litter will allow you to then accurately measure how much litter builds up there over time (the accumulation rate). This is what is of most interest.
4. **Wait until litter has re-accumulated at the site.** This will depend on a range of factors such as how often people are littering, how much litter is being blown in from elsewhere and how much litter is being blown out of the area or cleaned up. It does not have to be the same amount of litter as there originally, but in general, the more litter, the more sensitive your trial will be. Around 3-4 weeks is reasonable as rough guide.
5. **Do your litter audit.** Key steps here are:
 - a. Search the site and remove all the litter. As noted above, it's important to search the site thoroughly using some sort of systematic back and forth sweep (e.g. Figure 2).
 - b. Record the litter that you remove. You can record at the time of removal or take away the litter to sort elsewhere. Litter should be categorised using LitterWatch's litter categories (Appendix A), noting that categorisation to a mix of Level 2 and Level 3 is likely to yield a good balance of detail and effort.
 - c. Record key details about the audit, including the amount of time it takes and how many people were involved.
 - d. Weigh the removed litter.
 - e. Enter the data into the LitterWatch database:
<https://www.litterwatchvictoria.org.au/>. There are detailed instructions on the website about how to register and enter data.
 - f. At this stage, you should be able to calculate the rate of littering at your site – i.e. X pieces of litter per week.
6. **Implement your intervention (e.g. installation of bin decals, posters, etc.).** This should be done as soon as possible after the litter audit – ideally on the same day.
7. **Do a follow-up litter audit.** Repeat the steps above. This will give you a new littering rate for your site (X pieces of litter per week) that you will be able to compare to your measurement before the intervention. See Figure 3 for sequence of litter audit timing.

It is important to note that litter audits can be a challenging way to measure the effectiveness of interventions. There are a range of external factors that might influence how quickly litter accumulates at your site. This includes how

often it is cleaned, whether it is particularly windy or wet, changes in the level of people's activity, etc. This can mask any underlying changes in actual littering behaviour and the litter that you are counting.

To reduce these issues and improve how sensitive your measurements are, you can:

- Try to pick sites and times that minimise the amount of external changes that might impact your site. This might include auditing sites that are not cleaned by council, making sure that the before and after periods are at similar times of the year (i.e. both outside or both inside school holidays), etc.
- Do several audits before your intervention and several audits after. You can then average across your data and this will increase the reliability of your results.
- Do audits and interventions at several sites. Again, by averaging across the sites (before and after), you can increase the reliability of your results.
- Do before and after audits at sites that have not had interventions (i.e. control sites). This provides a point of comparison to help account for any broader factors that have also changed over that period (e.g. an increase in foot traffic because of school holidays). This approach is most useful if it is also done across multiple sites.

As an alternative to the above audit method, you may wish to consider the [AusLM survey method](#). The method is more prescriptive and robust but also more time consuming.



Figure 2. Example of a litter audit site (yellow square) and suggested search pattern (blue line).

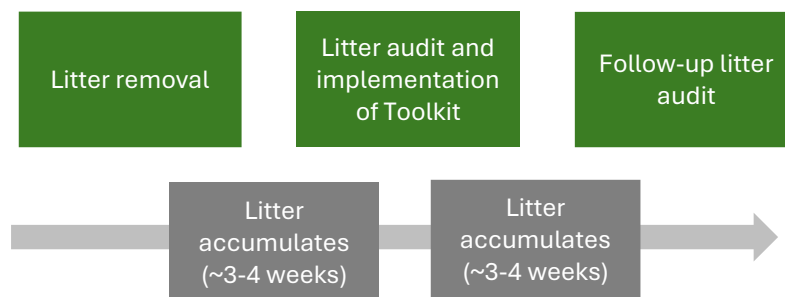


Figure 3. Indicative timing of litter audits (noting that the time between audits is highly dependent on the level of littering happening).

Appendix A – LitterWatch categories

Sourced from

https://www.marineandcoasts.vic.gov.au/__data/assets/pdf_file/0027/686151/LI_2023.pdf

LitterWatch categories (2023)

Level 1 Name	Level 2 Name	Level 3 Name
PLASTIC		
PLASTIC	Microplastics < 5mm	
PLASTIC	Microplastics < 5mm	Nurdles/ resin pellets
PLASTIC	Microplastics < 5mm	Soft plastic pieces < 5mm
PLASTIC	Microplastics < 5mm	Hard plastic pieces < 5mm
PLASTIC	Cigarette butts	
PLASTIC	Other cigarette related litter	
PLASTIC	Other cigarette related litter	Lighter
PLASTIC	Other cigarette related litter	Cardboard type packets and cartons
PLASTIC	Other cigarette related litter	Tobacco pouches, e-cigarette packages, outer wrapper, foil inners etc.
PLASTIC	Food wrappers (soft includes metallic type) chips, confectionary etc.	
PLASTIC	Cutlery, stirrers and plates	
PLASTIC	Cutlery, stirrers and plates	Forks, knives and spoons
PLASTIC	Cutlery, stirrers and plates	Stirrers
PLASTIC	Cutlery, stirrers and plates	Picnic type plates and bowls
PLASTIC	Straws	
PLASTIC	Coffee cups and lids	
PLASTIC	Coffee cups and lids	Coffee cup and lid
PLASTIC	Coffee cups and lids	Coffee cup only
PLASTIC	Coffee cups and lids	Coffee lid only
PLASTIC	Other cups and lids	
PLASTIC	Other cups and lids	Slushie type cups only
PLASTIC	Other cups and lids	Slushie lid only (domed plastic)
PLASTIC	Other cups and lids	Cardboard mix drink dispenser cup
PLASTIC	Other cups and lids	Flat plastic cup lids (not coffee)
PLASTIC	Other cups and lids	Plastic picnic type cups
PLASTIC	Beverage bottles (includes caps and labels)	
PLASTIC	Beverage bottles (includes caps and labels)	Bottles 1L or less only
PLASTIC	Beverage bottles (includes caps and labels)	Bottles >1L only
PLASTIC	Beverage bottles (includes caps and labels)	Lid and lid rings only

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PLASTIC	Beverage bottles (includes caps and labels)	Labels only
PLASTIC	Food and beverage other packaging (hard and soft)	
PLASTIC	Food and beverage other packaging (hard and soft)	Lollipop sticks
PLASTIC	Food and beverage other packaging (hard and soft)	Soy sauce fish and caps
PLASTIC	Food and beverage other packaging (hard and soft)	Other sauce sachets
PLASTIC	Food and beverage other packaging (hard and soft)	Mesh bags (vegetable, oyster, mussel etc.)
PLASTIC	Food and beverage other packaging (hard and soft)	Ring carriers (six-pack can holders etc.)
PLASTIC	Food and beverage other packaging (hard and soft)	Hard takeaway food tubs and lids
PLASTIC	Food and beverage other packaging (hard and soft)	Cling wrap/ film
PLASTIC	Food and beverage other packaging (hard and soft)	Wine and beverage bladders (with box if present)
PLASTIC	Food and beverage other packaging (hard and soft)	Other food containers (ice cream, food jars etc.)
PLASTIC	Food and beverage other packaging (hard and soft)	Bread bag tags
PLASTIC	Food and beverage other packaging (hard and soft)	Longlife milk carton 1L+
PLASTIC	Food and beverage other packaging (hard and soft)	Longlife milk carton >1L
PLASTIC	Food and beverage other packaging (hard and soft)	Longlife (not milk) 1L+
PLASTIC	Food and beverage other packaging (hard and soft)	Longlife (not milk) >1L
PLASTIC	Food and beverage other packaging (hard and soft)	Drink pouches/ squeeze tubes
PLASTIC	Food and beverage other packaging (hard and soft)	Food pouches/ squeeze tubes (yoghurt etc.)
PLASTIC	Food and beverage other packaging (hard and soft)	Bread bag, pasta bag and similar
PLASTIC	Bags	
PLASTIC	Bags	Light weight bag
PLASTIC	Bags	Heavy weight/ retail bag
PLASTIC	Bags	Ice bag
PLASTIC	Bags	Zip lock type bags
PLASTIC	Bags	Small produce/ barrier bags (from grocery store etc.)

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PLASTIC	Bags	Dog poo and nappy bags (empty)
PLASTIC	Bags	Dog poo and nappy bags (full)
PLASTIC	Bags	Garbage, rubbish bags, bin liners (empty)
PLASTIC	Bags	Garbage, rubbish bags, bin liners (full)
PLASTIC	Bags	Reusable material carry bags (synthetic not cloth)
PLASTIC	Balloons and balloon accessories (strings and sticks)	
PLASTIC	Balloons and balloon accessories (strings and sticks)	Foil balloons only
PLASTIC	Balloons and balloon accessories (strings and sticks)	Rubber type balloons only
PLASTIC	Balloons and balloon accessories (strings and sticks)	Balloon ribbons/ strings
PLASTIC	Balloons and balloon accessories (strings and sticks)	Balloon sticks and clips
PLASTIC	Industrial litter	
PLASTIC	Industrial litter	Cable ties and fasteners
PLASTIC	Industrial litter	Tile spacers
PLASTIC	Industrial litter	Commercial type tags
PLASTIC	Industrial litter	Strapping band (whole)
PLASTIC	Industrial litter	Strapping band scraps
PLASTIC	Industrial litter	Packaging accessories (seals, reels, spools, handles etc.)
PLASTIC	Industrial litter	Duct tape, masking tape etc.
PLASTIC	Industrial litter	Pipe, PVC, irrigation and articulation
PLASTIC	Industrial litter	Farming implements, devices and fittings
PLASTIC	Industrial litter	Blasting items
PLASTIC	Industrial litter	Tubes and hoses
PLASTIC	Industrial litter	Caulking tubes and guns (silicone etc.)
PLASTIC	Industrial litter	Sheeting (tarpaulin, woven bags, pallet wrap)
PLASTIC	Industrial litter	Foam ear buds
PLASTIC	Industrial litter	Other OH&S items (gloves etc.)
PLASTIC	Industrial litter	Tie downs and octopus straps
PLASTIC	Industrial litter	Trimmer line
PLASTIC	Industrial litter	Plastic coated wires
PLASTIC	Unidentifiable fragments (hard and soft)	
PLASTIC	Unidentifiable fragments (hard and soft)	Hard plastic pieces 5mm and greater

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PLASTIC	Unidentifiable fragments (hard and soft)	Soft plastic pieces 5mm and greater
PLASTIC	Unidentifiable fragments (hard and soft)	Fibre glass fragments
PLASTIC	Fishing items	
PLASTIC	Fishing items	Bait bag
PLASTIC	Fishing items	Tackle bags and fishing item packaging
PLASTIC	Fishing items	Bait containers, lids and bait savers
PLASTIC	Fishing items	Plastic buoys and floats
PLASTIC	Fishing items	Commercial fishing traps, pots, aquaculture items etc.
PLASTIC	Fishing items	Recreational fishing items (lures, floats, rods, reels etc.)
PLASTIC	Fishing items	Fishing line pieces (<1m)
PLASTIC	Fishing items	Fishing line (1m and greater)
PLASTIC	Fishing items	Fishing net scraps (<1m)
PLASTIC	Fishing items	Fishing net (1m and greater)
PLASTIC	Fishing items	Fishing glow sticks
PLASTIC	Syringes	
PLASTIC	Medical waste and sanitary items	
PLASTIC	Medical waste and sanitary items	First aid materials and equipment (band aids, thin gloves etc.)
PLASTIC	Medical waste and sanitary items	Sanitary pads and tampons
PLASTIC	Medical waste and sanitary items	Other drug paraphernalia including syringe caps
PLASTIC	Medical waste and sanitary items	Other sharps
PLASTIC	Medical waste and sanitary items	Cotton buds (plastic stick)
PLASTIC	Medical waste and sanitary items	Condoms and foil/ plastic wrappers
PLASTIC	Medical waste and sanitary items	Single use nappies
PLASTIC	Medical waste and sanitary items	Dental floss and toothbrushes
PLASTIC	Medical waste and sanitary items	Wet wipes/ baby wipes
PLASTIC	Medical waste and sanitary items	Face masks (single use)
PLASTIC	Other plastics (not EPS)	
PLASTIC	Other plastics (not EPS)	Synthetic rope (>1cm diameter)
PLASTIC	Other plastics (not EPS)	Plastic string and cord (<1cm diameter)
PLASTIC	Other plastics (not EPS)	Pens, markers and other stationary
PLASTIC	Other plastics (not EPS)	Clothing tags and fasteners
PLASTIC	Other plastics (not EPS)	Personal care and pharmaceutical packaging

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PLASTIC	Other plastics (not EPS)	Hair ties
PLASTIC	Other plastics (not EPS)	Hair accessories (not ties), shower caps, comb, hairbrush, toothbrush
PLASTIC	Other plastics (not EPS)	Synthetic cleaning sponges, wipes, brushes etc.
PLASTIC	Other plastics (not EPS)	Toys, party poppers etc.
PLASTIC	Other plastics (not EPS)	Glow sticks, bangles (not for fishing) etc.
PLASTIC	Other plastics (not EPS)	Ceremonial and festive (wreaths, flowers etc.)
PLASTIC	Other plastics (not EPS)	Childcare items
PLASTIC	Other plastics (not EPS)	Recreation and sporting equipment
PLASTIC	Other plastics (not EPS)	Gardening items
PLASTIC	Other plastics (not EPS)	Housewares, tableware, house fittings
PLASTIC	Other plastics (not EPS)	Outdoor furniture and camping items (chairs, tables, eskies etc.)
PLASTIC	Other plastics (not EPS)	Lids, pump spray, bottle tops etc. (Not from beverages)
PLASTIC	Other plastics (not EPS)	Bleach and cleaner bottles
PLASTIC	Other plastics (not EPS)	Non-food containers including tubes (oil, sealant, chemical, glue) <4L
PLASTIC	Other plastics (not EPS)	Non-food containers (oil, sealant, chemical, glue) 4L+
PLASTIC	Other plastics (not EPS)	Signs (corflute etc.)
PLASTIC	Other plastics (not EPS)	Non-food wrap (bubble wrap etc.)
PLASTIC	Other plastics (not EPS)	Lino, plastic type decking, boat decking
PLASTIC	Other plastics (not EPS)	Maritime safety and survival equipment
PLASTIC	Other plastics (not EPS)	Municipal activities (tree guards, barrier fence etc.)
PLASTIC	Other plastics (not EPS)	Bullet cartridge and wadding, pellets
PLASTIC	Other plastics (not EPS)	Vehicle parts
PLASTIC	Other plastics (not EPS)	Oceanic research items
PLASTIC	Other plastics (not EPS)	Plastic-type material shopping dockets, receipts, tickets
PLASTIC	Other plastics (not EPS)	Synthetic turf/grass
EPS (Expanded Polystyrene)		
EPS (Expanded Polystyrene)	Microplastics	
EPS (Expanded Polystyrene)	Microplastics	Packaging beads (<5mm)
EPS (Expanded Polystyrene)	Microplastics	Unidentifiable polystyrene pieces <5mm
EPS (Expanded Polystyrene)	Fishing Items (buoys and floats)	
EPS (Expanded Polystyrene)	Food and beverage packaging	
EPS (Expanded Polystyrene)	Food and beverage packaging	Cups

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EPS (Expanded Polystyrene)	Food and beverage packaging	Plates
EPS (Expanded Polystyrene)	Food and beverage packaging	Takeaway containers (lidded)
EPS (Expanded Polystyrene)	Food and beverage packaging	Meat trays and similar
EPS (Expanded Polystyrene)	Other polystyrene	
EPS (Expanded Polystyrene)	Other polystyrene	Packaging peanuts and beads (5mm and greater)
EPS (Expanded Polystyrene)	Other polystyrene	Other packaging
EPS (Expanded Polystyrene)	Other polystyrene	Eskies, fish boxes and similar
EPS (Expanded Polystyrene)	Other polystyrene	Unidentifiable pieces 5mm and greater
EPS (Expanded Polystyrene)	Other polystyrene	Weather balloon parts
EPS (Expanded Polystyrene)	Other polystyrene	Foam sponge sheeting
EPS (Expanded Polystyrene)	Other polystyrene	Recreational items (balls, body boards, sports items)
EPS (Expanded Polystyrene)	Other polystyrene	Polystyrene bead filled item (any outer material)
GLASS		
GLASS	Beverage bottles	
GLASS	Beverage bottles	Wine and spirit bottles
GLASS	Beverage bottles	Other alcoholic beverages (Beer, cider, ready mixed etc.)
GLASS	Beverage bottles	Soft drink, juice, milk and water bottles
GLASS	Other glass and unidentifiable pieces	
GLASS	Other glass and unidentifiable pieces	Buoys
GLASS	Other glass and unidentifiable pieces	Unidentifiable broken pieces
GLASS	Other glass and unidentifiable pieces	Tableware (plates and cups etc.)
GLASS	Other glass and unidentifiable pieces	Fluorescent light tubes
GLASS	Other glass and unidentifiable pieces	Light globes/ bulbs
GLASS	Other glass and unidentifiable pieces	Jars and sauce bottles
GLASS	Other glass and unidentifiable pieces	Knick knacks/ ornaments
METAL		
METAL	Aluminium beverage cans	
METAL	Aluminium beverage cans	Soft drink, water, juices
METAL	Aluminium beverage cans	Alcoholic (beer, spirits, ready mixed etc.)
METAL	Industrial waste/litter	
METAL	Industrial waste/litter	Tools, building and trades materials (not E Waste)
METAL	Fishing Items	

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METAL	Fishing Items	Buoys and floats
METAL	Fishing Items	Traps and pots
METAL	Fishing Items	Fish hooks and lures, traces etc.
METAL	Fishing Items	Lead sinkers
METAL	Fishing Items	Fishing knives, scissors, pliers etc.
METAL	Large items	
METAL	Large items	Large items (bicycle frames, trolleys, outdoor equipment etc.)
METAL	Other food and beverage	
METAL	Other food and beverage	Aluminium foil sheet
METAL	Other food and beverage	Foil tubs/ trays
METAL	Other food and beverage	Bottle lids and pull rings
METAL	Other food and beverage	Food cans (includes pet food)
METAL	Other food and beverage	Kegs
METAL	Other metal	
METAL	Other metal	Aerosol / spray cans
METAL	Other metal	Small gas and volatile liquid cans
METAL	Other metal	Large gas and volatile liquid cans
METAL	Other metal	Tins <4L (non-food)
METAL	Other metal	Tins 4L+ (non-food)
METAL	Other metal	Vehicle parts and engines
METAL	Other metal	Signs and sheeting
METAL	Other metal	Wire, stakes and pipes
METAL	Other metal	Fragments and remnants
METAL	Other metal	Metal cutlery, plates, cups, straws
METAL	Other metal	Bullets, cartridges etc.
METAL	Other metal	Nangs (N2O canisters)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)		
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Large items	
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Large items	Wooden furniture
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Large items	Boat parts, wreckage and remnants (not metal)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Large items	Mattresses
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Large items	Other large items

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OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Large appliances (fridge, air conditioner etc.)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Small appliances (toaster, watch, camera etc.)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Mobile phones and pieces
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	IT, other telephone and TV equipment
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Electrical cords and charging equipment
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Lighting equipment (not torches)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Electrical and electronic tools (drills, lawn mowers, sewing machines)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Toys and hobby equipment (electric train, hand-held video game, console, radio etc.)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Headphones
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Head torches and other torches
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	Batteries (not in device) – all sizes
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	E-cigarettes – rechargeable
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	E Waste	E-cigarettes – single use
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Industrial litter/waste	
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Industrial litter/waste	Wooden material (processed timber, pallets, crates and similar pieces)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Industrial litter/waste	Other materials (bricks, cement, ceramic/ concrete pipes, tiles and similar)

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OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Fishing litter	
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Fishing litter	Wooden fishing items
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Medical waste and sanitary items (no plastic components)	
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Medical waste and sanitary items (no plastic components)	Paper tissues
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Medical waste and sanitary items (no plastic components)	Cotton buds (paper/cardboard/wood stick)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Medical waste and sanitary items (no plastic components)	Cotton balls
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Paper napkins
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Fast food packaging (incl. paper bags)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Paper/cardboard ice cream wrappers, sugar sachet etc.
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Paper/cardboard, natural material plates, cups and bowls
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Wooden ice cream sticks, cutlery, toothpicks, stirrers
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Egg cartons, pizza boxes, cake boxes and similar
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Cardboard cup sleeves
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Wine and other beverage casks (box only)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	Food and beverage packaging	Straws
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Ceramic pieces (unidentifiable)

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OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Ceramic tableware (plates and cups etc.)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Ceramic knick knacks and decorations
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Binding, thread, string and cord (not plastic/ synthetic)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Rope natural pieces (<1m)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Rope natural (1m+)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Clothing, shoes, hats and towels
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Backpacks and bags
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Canvas, sailcloth and sacking (hessian) – not plastic
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Carpet and furnishings
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Other textiles (pieces of cloth, rags etc.)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Personal effects (wallets, money, keys, jewellery)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Pet handling and care items – mixed materials
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Paper bags (not fast food)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Newspapers and magazines
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Junk mail and free circulars
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Cardboard packages, boxes, sheets and tubes
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Paper shopping dockets, receipts, tickets

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OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Fireworks incl. tubes and pieces
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Paper sheets, strips etc.
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Rubber type balls and toys
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Rubber bands
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Rubber type sheeting and mats
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Rubber pieces (not tyres)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Tyres
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Tyre fragments
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Inner tubes, seals and similar
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Wooden brooms, brushes, paint brushes and similar
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Matches and pencils etc.
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Corks
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Oil globules and tar
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Organic materials and food scraps, including dog poo (not bagged)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Medical tablets/capsules
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Wax (surf wax, candles, paraffin and similar)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Soap, dry lubricant, glue (not in plastic tubes)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Asbestos

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OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Dangerous items such as military, weapons (incl. knives)
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Natural material cleaning sponges, cloths, wipes and brushes
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Clean fill piles
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	'Fatballs' / sewage grease
OTHER (mixed materials, ceramics, cloth, paper and cardboard, rubber, wood, organics)	All other	Reusable face masks