

MELBOURNE WATER LITTER

STANDARD OPERATING PROCEDURE Bank Surveys Rapid Method

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Attached Documents

- 1.
- 2.
- Litter Characterisation Categories (6 pages)
 Waterway Characterisation Sheet (2 pages)
 Litter Characterisation Site Sheet (Rapid) (1 page) 3.
- River Litter Characterisation Form (Rapid) (5 pages)



1. Introduction

This is a guide for setting up and conducting rapid bank surveys for assessing litter quantities and types around urban waterways. It includes relevant safety issues, methods and emergency responses.

2. Scope

This SOP applies to all staff, students and volunteers conducting bank surveys.

3. Safety

Hazards associated with this task:

- Working near water (flash floods, risk of drowning or injury).
- Working outside (sunburn, falling trees, dangerous animals).
- Slippery or unstable banks.
- Trip hazards (rocks and logs) which may be concealed.
- Sharp or hazardous litter items (glass, sharps, asbestos).

Measures to reduce hazards:

- Sites should be easily accessible by road with only a short walk required.
- An easily accessible site without steep or unstable banks should be selected.
- Be aware of recent rainfall and the potential for water to rise rapidly.
- Surveys must be conducted with a minimum of two people who must be within visual range of each other at all times.
- Appropriate PPE (gloves, hats, long sleeves) should be worn.

4. Training and Competency

The SOP should be read and understood prior to commencing the surveys.

5. Equipment

- 3 buckets or bags for off-site sorting OR 1 for on-site sorting
- 1x tape measure
- 4x stakes or high vis markers or spray paint
- 2x 2m long sticks or stakes or pieces of string
- Sharps container
- Scales
- Bin bag
- Gloves
- Data labels
- Markers
- Data sheet
- Pencil
- Tonas
- Sorting trays (optional)



Figure 1. Examples of equipment. Not all required equipment pictured.



6. Site Access

Banks with easy road or path access should be surveyed. Litter collected may be heavy, so long and arduous walks are best avoided. It is recommended that the stretches be inspected prior to set-up so that any hazards can be identified and noted.



Figure 2. Examples of sites. Path access visible in each image.



7. Methodology

- 1. Start downstream and work in an upstream direction.
- 2. Measure a 60m stretch following the bank longitudinally and mark the following distances: 2m, 30m, 58m. Transects 1-3 will be measured from these points and will run inland at a 90° angle to the river (refer to figure 3 for full schematic of method).
- 3. Follow the bank as closely as possible. If the bank is very unevenly eroded, choose a line of best fit (figure 4)
- 4. Identify the dominant debris line (ddl). The ddl is where most debris (litter and organic matter) has been deposited on the bank by high flows (figure 5). Multiple debris lines may be present. The dominant debris line will contain the most amount of debris and be the most continuous line along the bank.
 - Some debris may be trapped in vegetation immediately along the bank (figure 5b). This may be the dominant line. If this is the case for each transect in the 60m sampling stretch, measure the transects as though there is no ddl.
 - If there is no obvious ddl, measure two meters beyond what is perceived to be the high flood mark using the gradient of the bank as an indication.
 - If there is no obvious demarkation, measure 10m beyond the water's edge.
- 5. Measure and mark Transect 1 (2m into the survey area) starting at the water's edge and finishing 2m beyond where the dominant debris line (ddl) finishes (figure 6).
- Record the length of the transect using the data sheet under Transect 1. Leave the tape measure in situ.
- 7. The sampling area follows the transect and includes 2m on either side of the tape measure (4m in total). Either measure 2m parallel to the river with a tape measure and mark it with stakes, or use a 2m stake, stick or string to indicate how far it extends from the tape measure (figure 7).
- 8. Starting at the riverbank, walk on one side of the tape measure and collect all visible litter from an upright position between the tape and to 2m parallel to the tape. Place the litter in a bag or bucket as you collect it. At the end of the transect, turn and walk back along the other side of the tape measure collecting all visible litter (figure 7).
- 9. Repeat this process scanning the sampling area and collecting any overlooked litter until all the litter present in the sampling zone has been collected.
- 10. Measure and mark the remaining two transects. Use steps 6 and 7 to collect litter. If the river is bendy, then the transects will not be parallel (figure 3).
- 11. Prior to sorting, photograph litter collected from each transect. You can place the litter in a sorting tray or on the ground for photographing. Make sure you place the label with the litter so that the site, date, transect and zone can be identified. Sort and record litter types, quantities and weights in the data sheets provided.
- 12. Once litter has been processed it can be collected in a bag and disposed of in a bin.



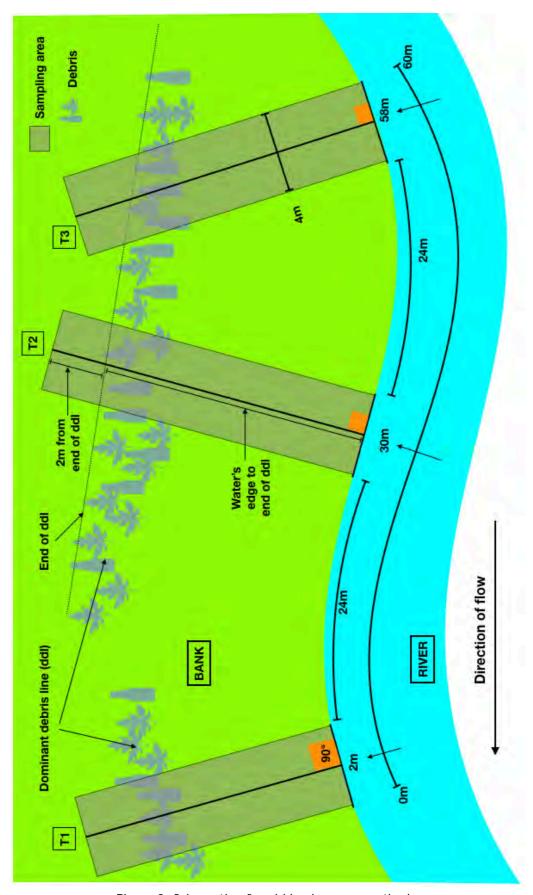


Figure 3. Schematic of rapid bank survey method.





Figure 4. Unevenly eroded bank. Line of best fit used. Note: only sample sections you can access safely.



Figure 5. Examples of dominant debris lines (ddl) circled in orange. Some ddls may be very obvious (5a). Others may be formed by litter trapped in vegetation immediately along the bank (5b).



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Figure 6. Worked example of a transect. The tape measure marks the transect and the cones indicate where it starts and ends (6a, 6b). The transect ends 2m beyond the ddl (6b). The ddl itself may extend some distance away from the bank (6c).

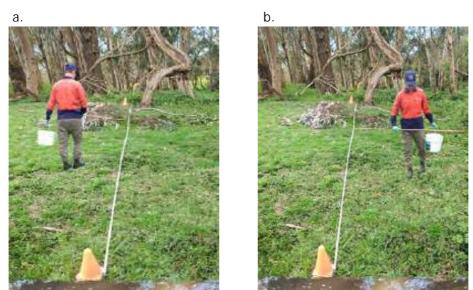


Figure 7. Examples of collection method. A 2m stake is used to indicate the collection zone from the tape measure. The area is searched twice, once in each direction. Walk upright when searching for litter, bending only to collect pieces.



7. Notes on Method

- Only collect the litter from areas which you can access safely. If up to and including 50% of a sampling area is considered unsafe or inaccessible, photograph the unsafe area and note the zone(s) and transect it covers. Collect litter from the remaining area. If more than 50% of the area is unsafe, then move the transect a minimal distance either up- or down-stream so that at least 50% of the new area can be sampled (figure 8). Note the new distance along the river and photographs the old and new sampling areas.
- When collecting litter, ensure you walk upright, only bending to collect litter that is visible (figure 8). Do not place your hands where you can't see them. If you feel something underfoot, use your foot to move any vegetation obscuring your view. If you do not feel safe picking an item up with your hands, either use tongs or leave it. Tongs should be used when collecting sharp (glass) or hazardous items. These items should be placed it in a bucket of their own with a label and warning and all on-site individuals should be informed immediately. A sharps container should be available and onsite for any sharps which may be collected. If asbestos is identified in a transect, it should ideally be covered with a spare bucket, tray or bag and its location marked with a stake. The asbestos SOP should be followed. If unsure, contact the relevant supervisor for additional information.
- If collecting in pairs, collect rubbish with one person on each side of the transect walking in one direction within the zone, then swap sides to walk in the opposite direction. This ensures that each side is covered twice by two different people walking in two directions.
- The litter can be sorted once all litter at a transect has been completed, or can be left in a labelled bucket until all transects have been completed and sorted off-site. If working in a team, different individuals can complete each task. It is important to photograph the litter collected from each zone and in each transect.

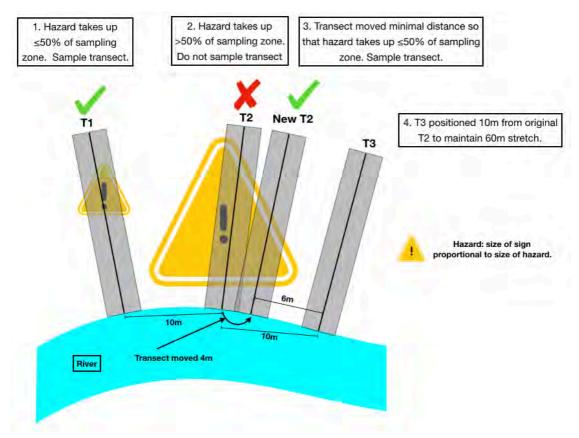


Figure 8. Safe sampling. If a hazard takes up ≤50% of the sampling zone, avoid sampling the unsafe area. Move the transect if more than 50% of the sampling zone is unsafe.



8. Completion of Data Sheets

This document contains the following sheets: Waterway Characterisation Sheet, Litter Characterisation Form and the Litter Characterisation Categories.

- The Waterway Characterisation Sheet must be completed once per site.
- The Litter Characterisation Site Sheets and the Litter Characterisation Forms but be completed each litter collection for each site.
- The Litter Characterisation Categories simply outline the information in the River Litter Characterisation Form and may be used for note-taking in the field.

9. Recommended PPE

- Required sun protection (hat, long sleeves, long pants, sun screen).
- Disposable gloves.
- Closed-toed shoes.
- Eye protection if working in vegetation.
- High visibility clothing if required.

10 Waste Disposal

- Following recording, weighing and photographing, all litter should be placed in a plastic bag and placed in a bin.
- All sharps, sharp or hazardous items need to be disposed of appropriately.

11. Emergency Responses

- Notify the relevant emergency response department e.g. Fire, Ambulance, Police on 000.
- Notify relevant contact as per required EHS paperwork.



LITTER CHARACTERISATION CATEGORIES

		PLASTICS					
CLASS	LITTER FORM 1	LITTER FORM 2	Litter Code				
1		Nurdles/resin pellets	PL01				
2	Microplastics	Soft Plastics <5mm	PL02				
3		Hard plastic pieces < 5mm	PL03				
4	Cigarette butts		PL04				
5		Lighter	PL05				
6	otilior organistic rollatou ilittor	Cardboard type packets & cartons	PL06				
7		Outer wrapper, foil inners, tobacco pouches	PL07				
8	Food wrappers (soft includes metallic type) chips, confectionary etc.		PL08				
9		Forks, knives & spoons	PL09				
10	Cutlery, stirrers & plates	Stirrers	PL10				
11		Picnic type plates & bowls	PL11				
12	Straws		PL12				
13		Coffee cup & lid	PL13				
14		Coffee cup only	PL14				
15		Coffee lid only	PL15				
16	Coffee cups & lids	Smoothie type cups only (transparent plastic)	PL16				
17	l correct cups & hus	Smoothie lid only (transparent domed plastic)	PL17				
18		Cardboard mix drink dispenser cup	PL18				
19		Flat plastic cup lids (not coffee)	PL19				
20		Plastic picnic type cups	PL20				
21		Bottles 1L or less only	PL21				
22	Beverage bottles (includes	Bottles >1L only	PL22				
23	caps & labels)	Lid and lid rings only	PL23				
24		Labels only	PL24				
25		Lollipop sticks	PL25				
26 27		Soy sauce fish & caps Other sauce sachets	PL26				
28		Mesh bags (vegetable, oyster, mussel etc.)	PL27 PL28				
29		Ring carriers (six-pack can holders etc.)	PL29				
30		Hard takeaway food tubs & lids	PL30				
31		Cling wrap/ film	PL31				
32		Wine & beverage bladders (with box if present)	PL32				
33	Food & beverage other	Other food containers (ice cream, food jars etc.)	PL33				
34	packaging (hard & soft)	Bread bag tags	PL34				
35		Paperboard milk cartons (animal or plant) 1L or less	PL35				
36		Paperboard milk cartons (animal or plant) >1L	PL36				
37		Other paperboard beverage cartons 1L or less	PL37				
38		Other paperboard beverage cartons >1L	PL38				
39		Beverage pouches / squeeze tubes	PL39				
40		Food pouches/ squeeze tubes (yoghurt etc.)	PL40				
41		Bread bag, pasta bag & similar					

42		Light weight bag	DI 42			
42		Heavy weight / retail bag	PL42 PL43			
43		Ice bag				
45		Snap lock type bags	PL44 PL45			
46	Bags	Small produce/ barrier bags (from grocery store etc.)	PL45 PL46			
47	l bays	Dog poo & nappy bags (empty)				
48		Dog poo & nappy bags (empty) Dog poo & nappy bags (full)	PL47			
49		91 113 9 1 1	PL48			
50		Garbage, rubbish bags, bin liners (empty)	PL49			
51		Garbage, rubbish bags, bin liners (full) Foil balloons only	PL50			
52		Rubber type balloons only	PL51			
53	Balloons & balloon accessories (strings & sticks)	Balloon ribbons/ strings	PL52			
54	accessories (strings & sticks)	Balloon sticks & clips	PL53			
		'	PL54			
55 56		Cable ties & fasteners	PL55			
		Tile spacers Commercial type tags	PL56			
57		Commercial type tags	PL57			
58		Strapping band (whole)	PL58			
59		Strapping band scraps	PL59			
60		Packaging accessories (seals, reels, spools, handles etc.)	PL60			
61	Industrial litter/waste &	Duct tape, masking tape etc.	PL61			
62	nurdles	Pipe, PVC, irrigation & articulation	PL62			
63		Farming implements, devices & fittings	PL63			
64		Blasting items	PL64			
65		Tubes & hoses	PL65			
66		Caulking tubes & guns (silicone etc.)	PL66			
67		Sheeting (tarpaulin, woven bags, pallet wrap)	PL67			
68		Foam ear buds	PL68			
69		Other OH&S items (gloves etc.)	PL69			
70	Unidentifiable fragments	Hard plastic pieces 5mm & greater	PL70			
71	(hard & soft)	Soft plastic pieces 5mm & greater	PL71			
72	,	Fibre glass fragments	PL72			
73		Bait bag	PL73			
74		Tackle bags & fishing item packaging	PL74			
75		Bait containers & lids / bait savers	PL75			
76		Plastic buoys & floats	PL76			
77		Commercial fishing traps, pots, aquaculture items etc.	PL77			
78	Fishing items	Recreational fishing items (lures, floats, rods, reels etc.)	PL78			
79		Fishing line pieces (<1m)	PL79			
80		Fishing line (1m & greater)	PL80			
81		Fishing net scraps (<1m)	PL81			
82		Fishing net (1m & greater)	PL82			
83		Fishing glow sticks	PL83			
84	Syringes		PL84			
85		First aid materials & equipment (band aids, thin gloves etc.)	PL85			
86		Sanitary pads & tampons	PL86			
87		Other drug paraphernalia	PL87			
88	Modical wasto & sanitary	Other sharps	PL88			
89	Medical waste & sanitary	Cotton buds (plastic stick)	PL89			

90	Itoms	Condoms & foil/ plastic wrappers	PL90			
91		Single use nappies	PL91			
92		Dental floss	PL92			
93		Wet wipes/ baby wipes	PL93			
94		Synthetic rope (>1cm diameter)	PL94			
95		Plastic string & cord (<1cm diameter)	PL95			
96		Pens, markers & other stationary				
97		Clothing tags and fasteners				
98		Personal care & pharmaceutical packaging				
99		Personal care & pharmaceutical packaging Hair ties				
99		Hair bands, clips, shower caps, comb/ hairbrush,	PL99			
100		toothbrushes	PL100			
101		Synthetic cleaning sponges, wipes, brushes etc.	PL101			
102		Toys, party poppers etc.	PL102			
103		Glow sticks, bangles (not for fishing) etc.	PL103			
104		Ceremonial & festive (wreaths, flowers etc.)	PL104			
105		Childcare items	PL105			
106		Recreation & sporting equipment	PL106			
107		Gardening items	PL107			
108	Other plastics (not EPS)	Housewares, tableware, house fittings	PL108			
109	other plastics (flot Er3)	Outdoor furniture & camping items (chairs, tables, eskies etc.)	PL109			
110		Lids, pump spray, bottle tops etc. (Not from beverages)				
111		Bleach & cleaner bottles				
112		Non-food containers including tubes (oil, sealant, chemical,				
112		glue) >4L	PL112			
113		Non-food containers (oil, sealant, chemical, glue) 4L+	PL113			
114		Signs (corflute etc.)	PL114			
115		Wrap non-food & bubble wrap	PL115			
116		Lino, plastic type decking, boat decking	PL116			
117		Maritime safety & survival equipment	PL117			
118		Municipal activities (tree guards, barrier fence etc.)	PL118			
119		Shotgun cartridges & wadding	PL119			
120		Vehicle parts	PL120			
121		Oceanic research items	PL121			
122		Plastic-type material shopping dockets, receipts, tickets	PL122			
	EF	PS (Expanded Polystyrene)				
CLASS	LITTER FORM 1	LITTER FORM 2	Litter Code			
123		Packaging beads (<5mm)	EPS01			
124	Microplastics	Unidentifiable polystyrene pieces <5mm	EPS02			
125	Fishing Items (buoys & floats)					
126		Cune	EPS03			
120		Cups Plates	EPS04			
	Food & beverage packaging		EPS05			
128		Takeaway containers (lidded)	EPS06			
129		Meat trays & similar	EPS07			
130		Packaging peanuts & beads (5mm & greater)	EPS08			

404									
131		Other packaging	EPS09						
132	Other polystyrene	Eskies, fish boxes & similar	EPS10						
133		Unidentifiable pieces 5mm & greater	EPS11						
134		Weather balloon parts	EPS12						
135		Foam sponge sheeting	EPS13						
GLASS									
CLASS	LITTER FORM 1	LITTER FORM 2	Litter Code						
136		Wine & spirit bottles	GL01						
137	Beverage Bottles	Other alcoholic beverages (Beer, cider, ready mixed etc.)	GL02						
138	_	Soft drink, juice, milk & water bottles	GL03						
139		Buoys	GL04						
140		Unidentifiable broken pieces	GL05						
141		Tableware (plates & cups etc.)	GL06						
142	Other glass & unidentifiable	Fluorescent light tubes	GL07						
143	pieces	Light globes/ bulbs	GL08						
144		Jars & sauce bottles	GL09						
145		Knick knacks/ ornaments	GL10						
110		METAL	J OLIO						
CLASS	LITTER FORM 1	LITTER FORM 2	Litter						
			Code						
146		Soft drink, water, juices							
146 147	Aluminium beverage cans	Soft drink, water, juices Alcoholic (beer, spirits, ready mixed etc.)	ME01 ME02						
	Aluminium beverage cans Industrial waste/litter	Soft drink, water, juices Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste)	ME01 ME02						
147	, and the second	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste)	ME01 ME02 ME03						
147 148	Industrial waste/litter	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats	ME01 ME02 ME03 ME04						
147 148 149 150	, and the second	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots	ME01 ME02 ME03 ME04 ME05						
147 148 149 150 151	Industrial waste/litter	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc.	ME01 ME02 ME03 ME04 ME05 ME06						
147 148 149 150	Industrial waste/litter	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots	ME01 ME02 ME03 ME04 ME05 ME06 ME07						
147 148 149 150 151 152 153	Industrial waste/litter Fishing Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.)	ME01 ME02 ME03 ME04 ME05 ME06 ME07						
147 148 149 150 151 152 153	Industrial waste/litter Fishing Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09						
147 148 149 150 151 152 153 154 155	Industrial waste/litter Fishing Items Large Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10						
147 148 149 150 151 152 153 154 155 156	Industrial waste/litter Fishing Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11						
147 148 149 150 151 152 153 154 155 156 157	Industrial waste/litter Fishing Items Large Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food)	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12						
147 148 149 150 151 152 153 154 155 156 157	Industrial waste/litter Fishing Items Large Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13						
147 148 149 150 151 152 153 154 155 156 157 158 159	Industrial waste/litter Fishing Items Large Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14						
147 148 149 150 151 152 153 154 155 156 157 158 159 160	Industrial waste/litter Fishing Items Large Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15						
147 148 149 150 151 152 153 154 155 156 157 158 159 160	Industrial waste/litter Fishing Items Large Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans Large gas & volatile liquid cans	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15 ME16						
147 148 149 150 151 152 153 154 155 156 157 158 159 160 161	Industrial waste/litter Fishing Items Large Items Other food & beverage	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans Large gas & volatile liquid cans Tins > 4L (non-food)	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15 ME16 ME17						
147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163	Industrial waste/litter Fishing Items Large Items	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans Large gas & volatile liquid cans Tins > 4L (non-food) Tins 4 L + (non-food)	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15 ME16 ME17 ME18						
147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164	Industrial waste/litter Fishing Items Large Items Other food & beverage	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans Large gas & volatile liquid cans Tins > 4L (non-food) Tins 4 L + (non-food) Small car/vehicle/boat machinery, engines & parts	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15 ME16 ME17 ME18 ME19						
147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165	Industrial waste/litter Fishing Items Large Items Other food & beverage	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans Large gas & volatile liquid cans Tins > 4L (non-food) Tins 4 L + (non-food) Small car/vehicle/boat machinery, engines & parts Signs & sheeting	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15 ME16 ME17 ME18 ME19 ME20						
147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166	Industrial waste/litter Fishing Items Large Items Other food & beverage	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans Large gas & volatile liquid cans Tins > 4L (non-food) Tins 4 L + (non-food) Small car/vehicle/boat machinery, engines & parts Signs & sheeting Wire, stakes & pipes	ME01 ME02 ME03 ME04 ME05 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15 ME16 ME17 ME18 ME19 ME20 ME20						
147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	Industrial waste/litter Fishing Items Large Items Other food & beverage Other metal	Alcoholic (beer, spirits, ready mixed etc.) Tools, building & trades materials (not E Waste) Buoys & floats Traps & pots Fish hooks & lures, traces etc. Lead sinkers Large items (bicycle frames, white goods, trolleys, outdoor equipment etc.) Aluminum foil pieces Foil tubs/ trays Bottle tops & pull rings Food cans (includes pet food) Kegs Aerosol / spray cans Small gas & volatile liquid cans Large gas & volatile liquid cans Tins > 4L (non-food) Tins 4 L + (non-food) Small car/vehicle/boat machinery, engines & parts Signs & sheeting	ME01 ME02 ME03 ME04 ME05 ME06 ME06 ME07 ME08 ME09 ME10 ME11 ME12 ME13 ME14 ME15 ME16 ME17 ME18 ME19 ME20 ME21 ME22						

CLASS	LITTER FORM 1	LITTER FORM 2	Litter Code			
168		Wooden furniture	OT01			
169		Boat parts, wreckage & remnants (not metal)	OT02			
170	Large Items	Mattresses	OT03			
171		Other large items				
172		Large appliances (fridges, washing machines, air conditioners etc.)	OT05			
173		Small appliances (irons, toasters, hair dryer, watches etc.)	OT06			
174		Mobile phones and pieces	OT07			
175		IT, telecommunications & TV equipment (computers, laptops, remote controls)	OT08			
176		Electrical cords and charging equipment	OT09			
177	E Waste	Lighting equipment (lamps, LEDs)	OT10			
178		Electrical & electronic tools (drills, saws, lawn mowers, sewing machines, cordless batteries)	OT11			
179		Toys, leisure & sports equipment (electric trains & cars, hand-held video games, consoles, amplifiers, radios etc.)	OT12			
180		Headphones	OT13			
181		Head torches & other torches	OT14			
182		Batteries (not in device) - all sizes	OT15			
183	Industrial litter/waste	Wooden material (processed timber, pallets, crates & similar pieces)				
184	madstrial itter/ waste	Other materials (bricks, cement, ceramic/ concrete pipes, tiles & similar)				
	Fishing litter	Wooden fishing items	OT18			
186	Medical waste & sanitary	Paper tissues	OT19			
	items (no plastic	Cotton buds (paper/cardboard/wood stick)	OT20			
100	components)	Cotton balls	OT21			
189		Paper napkins	OT22			
190		Fast food packaging (incl. paper bags)	OT23			
191		Paper/cardboard ice cream wrappers, sugar sachet etc.	OT24			
192	Food & beverage packaging	Paper/cardboard, natural material plates, cups and bowls	OT25			
193 194		Wooden confection/ ice cream sticks, cutlery, toothpicks Egg cartons, pizza boxes, cake boxes & similar	OT26			
194		Cardboard cup sleeves	OT27			
196		Wine & other beverage casks (box only)	OT28 OT29			
190		Ceramic pieces (unidentifiable)	OT30			
198		Ceramic tableware (plates & cups etc.)	OT30			
199		Ceramic knick knacks & decorations	OT32			
200		Binding, thread, string & cord (not plastic/ synthetic)	OT33			
201		Rope natural pieces (<1m)	OT34			
202		Rope natural (>1m)	OT35			
203		Clothing, shoes, hats & towels	OT36			
204		Backpacks & bags	OT37			
205		Canvas, sailcloth & sacking (hessian) - not plastic	OT38			
206		Carpet & furnishings	OT39			
207		Other textiles (pieces of cloth, rags etc.)	OT40			

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208		Personal effects (wallets, money, keys, jewellery)	OT41
209		Pet handling & care items - mixed materials	OT42
210		Paper bags (not fast food)	OT43
211		Newspapers & magazines	OT44
212		Junk mail / free circulars	OT45
213		Cardboard packages, boxes, sheets & tubes	OT46
214		Paper shopping dockets, receipts, tickets	OT47
215		Fireworks incl. tubes & pieces	OT48
216		Paper sheets, strips etc.	OT49
217	All other	Rubber type balls & toys	OT50
218		Rubber bands	OT51
219		Rubber type sheeting & mats	OT52
220		Rubber pieces (not tyres)	OT53
221		Tyres	OT54
222		Tyre fragments	OT55
223		Inner tubes, seals & similar	OT56
224		Wooden brooms, brushes, paint brushes & similar	OT57
225		Matches & pencils etc.	OT58
226		Corks	OT59
227		Oil globules & tar	OT60
228		Organic materials & food scraps, including dog poo (not	OT61
229		Medical tablets/capsules	OT62
230		Wax (surf wax, candles, paraffin & similar)	OT63
231		Soap, dry lubricant, glue (not in plastic tubes)	OT64
232		Asbestos	OT65
233		Dangerous items i.e. military, weapons (incl. knives)	OT66
234		Natural material cleaning sponges, cloths, wipes & brushes	OT67
235		Clean fill piles	OT68
236		'Fatballs' / sewage grease	OT69

	- 1	Organicati	ion			Organicatio	on roce	oonsible for survey
WATERWAY		Organisati				- u		
CHARACTERISATI	() X -	Surveyor I				Name of da		· · · · · · · · · · · · · · · · · · ·
SHEET		Contact Number:			Contact numbe			
Completed ONCE for		Contact Email:		Contact email for data recorded Date this data was collected				
Completed ONCE for	Date :				Date this d	iata wa	as corrected	
SITE DETAILS								
Town/Suburb:						ation of site		
Catchment:						nt in which sit		
Waterbody Name:						the river, cree		
Site Name:						ame of site, e		
Site Code:						ode specific fo		
Access point location:		e: de:				and longtitudes and acces the		icess point where
Photo info:					The name from the		and p	hoto numbers
SITE CHARACTERISTICS:								
Dominant land use		ndustrial mmercial Agricultu	Natural/P		Circle the dominant site	e best option is land use influ	to desc uencin	cribe the g/surrounding the
Distance to dominant debris line (m):				Distance fro	om water e NA.	edge to major	debri	s line. If not
Distance to top of bank (m):				Distance fro	rom water edge to top of the bank			
Distance of waterbody influence/erosion line (m):				Height that	t water comes up the bank/erosion line			
				Difference i	n elevatio	n across the su	urvey a	area.
Bank Gradient:	A D	B (A = < 1 m (les	s than hip he 1-2 body len	eight, B = gth) D =	1-2 m (hip to = 4-8 m (2-4 b	head ody le	height) C = 2-4 m ngths)
				E = > 8	m (more t	han 4 body lei	ngths)	
Bank Type:	Mud Bould∈	Sand ers Roc Veget		Cobble Dirt Bank	Major sub	ostrate type		
Wetted Width of waterbody (m):					Width o	f the wetted	area o	f the waterbody
Bank Vegetation:		Grass/reed Tub (<3m) Fore	Tre	eaf/herb e (>3m)		e best option in across the s		cribe the type of area
Vegetation Height:	(5-50cm 50-1 200cm >200cm	00cm า	Height of area	the vegetation	on acro	oss the survey
Bank Exposure or shape:					How muc	h of the surve	y area	is bare ground
Bank Exposure or shape:	Str	aight b	ends beac	:h/bank		river where so 50m each side		
Aspect:	N	NE E	SE S SW	W NW		when you are water for wet		g downstream or lakes
Bank channelized? (e.g.: human intervention changes course of river)	Yes	No	Access to w	vaterbody:	Paved	Unpaved	Trail	Other (Specify):
Stormwater drains present?		Yes	No No. pres	sent:	Rubbish E	lins present?	Yes	No

Evidence of dumping (circle one or more)	None	Constructio	n Household	d Green waste	Other(specify):	
Cleanliness at first glance:	No debr	ris visible	Scattered deb	ris visible of dumped d	Lots of debris visible ebris	Large amounts
Comments:						
SITE SKETCH:						

		Organisation:				Organisation responsible for survey		
LITTER CHARAC	TERISATION SITE	Surveyor Name/s:				Name of data recorder (s)		
INFO SHE		Contact Number:				Contact number for data recorder		
		Contact Email:				Contact email for data recorder		
Completed ONCE	for each survey	Date :				Date this data was collected		
SITE DETAILS								
Waterbody Name:				Name of the river, cr	eek, lake, wetland			
Site Name:				Unique name of site, e.g.: Ashfield st				
Site Code:				Unique code specific				
One Gode.				omque code specime	TOT THE SITE			
SURVEY DETAILS								
No. of surveyors:						Number of people collecting litter		
Start time (00:00):	Finish Time (00:00):					Record the time the survey was started and finished		
Litter characterised	Yes No If no, d	etail No. of bags for s	<u> </u>					
on site (thus included in survey time)?	105 110 11 110, 0	etan ito. Or bags for s	r.			Circle yes or no		
60m sampling area start (lat, long):			Photo# details:			Record the location of the start and end of the transect	·s/	
60m sampling area			Photo# details:			sampling area and details of photos taken	3/	
end (lat, long):						Decord the length of the transcet		
Transect 1 ddl			Photo# details:	5		Record the length of the transect	· (441)	
Transect 1 ddl dimensions:	Start:		End:	Photo# details:		Record the location and size of the dominant debris line along the transect	e (ddi)	
Transect 2 length:			Photo# details:			Record the length of the transect		
	Start:		End:	Photo# details:		Record the location and size of the dominant debris line	e (ddl)	
dimensions: Transect 3 length:			Photo# details:			along the transect		
Transect 3 ddl dimensions:	Start:		End:	Photo# details:		Record the length of the transect Record the location and size of the dominant debris line (ddl) along the transect		
Litter photo details				<u> </u>				
(photo #s/photo tag names):				Provide details of # photos taken of litter				
SITE CONDITIONS:								
Number of	Time of day (00:00): No. of people:		sible distance (m):		Number of people cou Visible distance is len	unted in the visible area measured by instantaneous cou gth of shore with a clear and unobstructed view.	nt.	
Number of humans: Current Weather	No. of people:	Vis	sible distance (m): Overcast Drizzle		Visible distance is len	unted in the visible area measured by instantaneous cou gth of shore with a clear and unobstructed view. Circle best option to describe the weather	nt.	
Number of humans: Current Weather Wind Direction	No. of people:		Overcast Drizzle		Visible distance is len	gth of shore with a clear and unobstructed view.	nt.	
Number of humans: Current Weather	No. of people:	Clear Rain/Storm N NE E SE S	Overcast Drizzle SW W NW N/A 0: calm		Visible distance is len	circle best option to describe the weather ing from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn)	nt.	
Number of humans: Current Weather Wind Direction (compass)	No. of people:	Clear Rain/Storm	Overcast Drizzle SW W NW N/A 0: calm 1: light breeze (<10k	m/h, <6 knots)	Visible distance is len	circle best option to describe the weather ing from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn)	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5	Overcast Drizzle SW W NW N/A 0: calm 1: light breeze (<10k 2: mod. breeze (10-2)	m/h, <6 knots) 5km/h, 6-20kn)	Visible distance is len	circle best option to describe the weather ing from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn)	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours	No. of people:	Clear Rain/Storm N NE E SE S	Overcast Drizzle SW W NW N/A 0: calm 1: light breeze (<10k 2: mod. breeze (10-2)	m/h, <6 knots) 5km/h, 6-20kn)	Visible distance is len	circle best option to describe the weather ing from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn)	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours Evidence of current flooding or high	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5	Overcast Drizzle SW W NW N/A O: calm 1: light breeze (<10k 2: mod. breeze (10-2 5mm) High (5mm	m/h, <6 knots) /5km/h, 6-20kn) - 10mm) Extreme (:	Direction wind is com	circle best option to describe the weather ing from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn)	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours Evidence of current flooding or high flows Evidence of dumping (circle one	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5 Moderate (2mm -	Overcast Drizzle SW W NW N/A O: calm 1: light breeze (<10k 2: mod. breeze (10-2 5mm) High (5mm	m/h, <6 knots) 25km/h, 6-20kn) - 10mm) Extreme (:	Direction wind is com	circle best option to describe the weather ling from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn) 5: gale (65-85km/h, 35-45kn)	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours Evidence of current flooding or high flows Evidence of dumping (circle one or more) Evidence of recent activities within survey area (circle	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5 Moderate (2mm -	Overcast Drizzle SW W NW N/A O: calm 1: light breeze (<10k 2: mod. breeze (10-2 5mm) High (5mm If yes, attach photo of	m/h, <6 knots) 25km/h, 6-20kn) - 10mm) Extreme (: of floods and estimate	Direction wind is come 100mm) now much higher the v	circle best option to describe the weather ling from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn) 5: gale (65-85km/h, 35-45kn)	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours Evidence of current flooding or high flows Evidence of dumping (circle one or more) Evidence of recent activities within survey area (circle	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5 Moderate (2mm -	Overcast Drizzle SW W NW N/A O: calm 1: light breeze (<10k 2: mod. breeze (10-2 5mm) High (5mm If yes, attach photo of the content spilled litter or	m/h, <6 knots) 25km/h, 6-20kn) - 10mm) Extreme (solution) of floods and estimate cify): rubbish Storm or f	Direction wind is come 100mm) now much higher the v	circle best option to describe the weather ling from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn) 5: gale (65-85km/h, 35-45kn)	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours Evidence of current flooding or high flows Evidence of dumping (circle one or more) Evidence of recent activities within survey area (circle one or more) Cleanliness at first	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5 Moderate (2mm -	Overcast Drizzle SW W NW N/A O: calm 1: light breeze (<10k 2: mod. breeze (10-2 5mm) High (5mm If yes, attach photo of the content spilled litter or	m/h, <6 knots) 25km/h, 6-20kn) - 10mm) Extreme (solution) of floods and estimate cify): rubbish Storm or f	Direction wind is company of the violation winds	gth of shore with a clear and unobstructed view. Circle best option to describe the weather ling from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn) 5: gale (65-85km/h, 35-45kn) vater level is than usual. Public event Mowing Other (Specify):	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours Evidence of current flooding or high flows Evidence of dumping (circle one or more) Evidence of recent activities within survey area (circle one or more) Cleanliness at first glance: Date of last clean-	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5 Moderate (2mm -	Overcast Drizzle SW W NW N/A O: calm 1: light breeze (<10k 2: mod. breeze (10-2 5mm) High (5mm If yes, attach photo of the content spilled litter or	m/h, <6 knots) 25km/h, 6-20kn) - 10mm) Extreme (solution) of floods and estimate cify): rubbish Storm or f	Direction wind is company of the violation winds	gth of shore with a clear and unobstructed view. Circle best option to describe the weather ling from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn) 5: gale (65-85km/h, 35-45kn) water level is than usual. Public event Mowing Other (Specify): Large amounts of dumped debris	nt.	
Number of humans: Current Weather Wind Direction (compass) Wind Speed Rainfall over previous 24 hours Evidence of current flooding or high flows Evidence of dumping (circle one or more) Evidence of recent activities within survey area (circle one or more) Cleanliness at first glance: Date of last clean-	No. of people:	Clear Rain/Storm N NE E SE S 3 4 5 Moderate (2mm -	Overcast Drizzle SW W NW N/A O: calm 1: light breeze (<10k 2: mod. breeze (10-2 5mm) High (5mm If yes, attach photo of en waste Other(spector) oarent spilled litter or sible Scattered deb	m/h, <6 knots) 25km/h, 6-20kn) - 10mm) Extreme (solution) of floods and estimate cify): rubbish Storm or f	Direction wind is company of the violation winds	gth of shore with a clear and unobstructed view. Circle best option to describe the weather ling from by compass. N/A if no wind. 3: strong breeze (25-49km/h, 21-26kn) 4: high wind (50-65km/h, 27-35kn) 5: gale (65-85km/h, 35-45kn) water level is than usual. Public event Mowing Other (Specify): Large amounts of dumped debris	nt.	
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RIVER LITTER form Rapid Method Organisation:
Surveyor name:
Phone no.:
River Name:
Location (street name):

				-							
			T	Transect 1 Transect Length (m)	:	Transect 2 Transect Length (m	n):		Transect 3 Transect Length (n	n):	
CLASS	MATERIAL COMPOSITION	LITTER FORM 1	LITTER FORM 2	Tally	Total number Weight	Tally	Total number	Weight	Tally	Total number	Weight
1			Nurdles/resin pellets		l l l l l l l l l l l l l l l l l l l			g			
2			Soft Plastics <5mm								
3		• • • • • • • • • • • • • • • • • • •	Hard plastic pieces < 5mm								
4		Cigarette butts									
5			Lighter								
6			Cardboard type packets & cartons								
7			Outer wrapper, foil inners, tobacco pouches								
8		Food wrappers (soft includes	poddies								
0		metallic type) chips, confectionary etc.									
9			Forks, knives & spoons								
10		Cutlery, stirrers & plates	Stirrers								
11			Picnic type plates & bowls								
12		Straws									
13			Coffee cup & lid								
14			Coffee cup only								
15			Coffee lid only								
17			Smoothie type cups only (transparent plastic)								
17		Other cups & lids	Smoothie lid only (transparent domed plastic)								
18			Cardboard mix drink dispenser cup								
20			Flat plastic cup lids (not coffee) Plastic picnic type cups				<u> </u>				
21			Bottles 1L or less only								
22			Bottles >1L only								
23			Lid and lid rings only								
24			Labels only								
25			Lollipop sticks								
26			Soy sauce fish & caps								
27			Other sauce sachets								
28			Mesh bags (vegetable, oyster, mussel etc.)								
29			Ring carriers (six-pack can holders etc.)								
30			Hard takeaway food tubs & lids Cling wrap/ film								
32			Wine & beverage bladders (with box if present)								
33			Other food containers (ice cream, food jars etc.)								
34		0	Bread bag tags								
35			Paperboard milk cartons (animal or plant) 1L or less								
36			Paperboard milk cartons (animal or plant) >1L								
37			Other paperboard beverage cartons 1L or less								
38			Other paperboard beverage cartons >1L								
39 40	-		Beverage pouches / squeeze tubes Food pouches/ squeeze tubes								
41	-		(yoghurt etc.) Bread bag, pasta bag & similar								
41			Light weight bag								
42			Heavy weight / retail bag								
44			Ice bag								
45			Snap lock type bags								
			_ · · · · ·								

				TRANSECT 1		TRANSECT 2			TRANSECT 3		
					Total number Weight		Total number	Weight	Tally	Total number	Weight
46		Bags	Small produce/ barrier bags (from					J	,		J
47			grocery store etc.)								
47			Dog poo & nappy bags (empty)								
49			Dog poo & nappy bags (full) Garbage, rubbish bags, bin liners								
			(empty)								
50			Garbage, rubbish bags, bin liners (full)								
51	•		Foil balloons only								
52		Balloons & balloon	Rubber type balloons only								
53		accessories (strings & sticks)	Balloon ribbons/ strings								
54			Balloon sticks & clips								
55			Cable ties & fasteners								
56 57			Tile spacers Commercial type tags								
58			Strapping band (whole)								
59			Strapping band scraps								
60			Packaging accessories (seals, reels,								
61			spools, handles etc.) Duct tape, masking tape etc.								
62		Industrial litter/waste &	Pipe, PVC, irrigation & articulation								
63	DI	nurdles	Farming implements, devices &								
64	Plastic		fittings Blasting items								
65			Tubes & hoses								
66			Caulking tubes & guns (silicone etc.)								
67			Sheeting (tarpaulin, woven bags,								
68			pallet wrap) Foam ear buds				+				
69			Other OH&S items (gloves etc.)				+ +				
70			Hard plastic pieces 5mm & greater								
71		Unidentifiable fragments (hard & soft)	Soft plastic pieces 5mm & greater								
72			Fibre glass fragments								
73			Bait bag Tackle bags & fishing item								
74			packaging								
75			Bait containers & lids / bait savers								
76			Plastic buoys & floats								
77			Commercial fishing traps, pots, aquaculture items etc.								
78		Liching itoms	Recreational fishing items (lures,								
70			floats, rods, reels etc.)				<u> </u>				
79 80			Fishing line pieces (<1m) Fishing line (1m & greater)								
81			Fishing net scraps (<1m)								
82			Fishing net (1m & greater)								
83			Fishing glow sticks								
84		Syringes									
85			First aid materials & equipment (band aids, thin gloves etc.)								
86			Sanitary pads & tampons								
87			Other drug paraphernalia								
88		Medical waste & sanitary	Other sharps								
89 90		items	Cotton buds (plastic stick) Condoms & foil/ plastic wrappers								
91			Single use nappies								
92			Dental floss								
93			Wet wipes/ baby wipes								
94			Synthetic rope (>1cm diameter)								
95			Plastic string & cord (<1cm diameter)								
96			Pens, markers & other stationary								
97			Clothing tags and fasteners								
98			Personal care & pharmaceutical packaging								
99			Hair ties								
100			Hair bands, clips, shower caps, comb/ hairbrush, toothbrushes								
104											
101			Synthetic cleaning sponges, wipes, brushes etc.								
102			Toys, party poppers etc.								Toys, party
											Toys, party poppers etc.
											010.

					TRANSFORM					
				TRANSECT 1 Tally	Total number Weight	Tally TRANSECT 2	Total number Weigh	t Tally	Total number	Weight
103			Glow sticks, bangles (not for	· 3		- J				J
104			fishing) etc.							
104			Ceremonial & festive (wreaths, flowers etc.)							
105			Childcare items							
106 107			Recreation & sporting equipment							
107			Gardening items Housewares, tableware, house							
			fittings							
109			Outdoor furniture & camping items (chairs, tables, eskies etc.)							
110			Lids, pump spray, bottle tops etc. (Not from beverages)							
111			etc. (Not from beverages) Bleach & cleaner bottles							
112			Non-food containers including							
			tubes (oil, sealant, chemical, glue) >4L							
113			Non-food containers (oil,							
444			sealant, chemical, glue) 4L+							
114 115			Signs (corflute etc.) Wrap non-food & bubble wrap							
116			Lino, plastic type decking, boat							
117			decking							
117			Maritime safety & survival equipment							
118			Municipal activities (tree guards, barrier fence etc.)							
119			Shotgun cartridges & wadding							
120			Vehicle parts							
121 122			Oceanic research items							
122			Plastic-type material shopping dockets, receipts, tickets							
			, ,							
100			Dealers than be add (Town)	TOTAL						
123 124		Microplastics	Packaging beads (<5mm) Unidentifiable polystyrene							
			Unidentifiable polystyrene pieces <5mm							
125		Fishing Items (buoys & floats)	i							
126 127			Cups Plates							
128	EPS	Food & beverage packaging	Takeaway containers (lidded)							
129	(Expanded		Meat trays & similar							
130	(Expanded Polystyrene)		Packaging peanuts & beads (5mm & greater)							
	rorystyrene)		Other packaging							
132 133		Other polystyrene	Eskies, fish boxes & similar							
133			Unidentifiable pieces 5mm & greater							
134			Weather balloon parts							
135			Foam sponge sheeting							
				TOTAL						
136			Wine & spirit bottles							
137		Beverage Bottles	Other alcoholic beverages (Beer, cider, ready mixed etc.)							
138	Glass		Soft drink, juice, milk & water							
			bottles							
139 140		Other glass & unidentifiable pieces	Buoys Unidentifiable broken pieces							
140			Tableware (plates & cups etc.)							
142			Fluorescent light tubes							
143 144			Light globes/ bulbs							
144			Jars & sauce bottles Knick knacks/ ornaments							
				TOTAL						
146 147			Soft drink, water, juices							
147		Aluminium beverage cans	Alcoholic (beer, spirits, ready mixed etc.)							
148		Industrial waste/litter	Tools, building & trades materials (not E Waste)							
149			Buoys & floats							
143		r lonling items	Daojo a riodis							

			1								
				Tally Tally	Total number Weight	Tally TRANSECT 2	Total number	Weight	Tally TRANSECT 3	Total number	Weight
150			Traps & pots	rany	Total Humber Weight	lally	Total Humber	Weight	rany	Total Humber	weight
151	51 52	Fishing Items	Fish hooks & lures, traces etc.								
152		1 isrining items	Lead sinkers								
153		Large Items	Large items (bicycle frames, white								
			goods, trolleys, outdoor equipment								
154	Motal		etc.) Aluminum foil pieces								
154 155	Metal		Foil tubs/ trays								
156		Other food & beverage	Bottle tops & pull rings								
157		other rood a beverage	Food cans (includes pet food)								
158			Kegs								
159			Aerosol / spray cans								
160			Small gas & volatile liquid cans								
161			Large gas & volatile liquid cans								
162			Tins > 4L (non-food)								
163 164		Other metal	Tins 4 L + (non-food)								
104			Small car/vehicle/boat machinery, engines & parts								
165			Signs & sheeting								
166			Wire, stakes & pipes								
167			Fragments & remnants								
			lu c	TOTAL							
168			Wooden furniture								
169		Large Items	Boat parts, wreckage & remnants (not metal)								
170		Large Items	Mattresses								
171			Other large items								
172			Large appliances (fridges,								
			Large appliances (fridges, washing machines, air conditioners etc.)								
173			Small appliances (irons, toasters,								
170			hair dryer, watches etc.)								
174			Mobile phones and pieces								
175			IT, telecommunications & TV								
			equipment (computers, laptops, remote controls)								
176			Electrical cords and charging								
			equipment								
177			Lighting equipment (lamps, LEDs)								
178		E Waste	Electrical & electronic tools								
170			(drills, saws, lawn mowers,								
			sewing machines, cordless batteries)								
179											
			Toys, leisure & sports equipment (electric trains & cars, hand-held								
			video games, consoles, amplifiers, radios etc.)								
180			Headphones								
181			Head torches & other torches								
182			Batteries (not in device) - all								
			sizes								
183			Wooden material (processed timber, pallets, crates & similar								
			pieces)								
184		Industrial litter/waste	Other materials (bricks, cement,								
			ceramic/ concrete pipes, tiles & similar)								
185			Wooden fishing items								
186			Paper tissues								
187		Medical waste & sanitary	Cotton buds (paper/cardboard/								
			Cotton buds (paper/cardboard/ wood stick)								
188		components)	Cotton balls								
189			Paper napkins								
190			Fast food packaging (incl. paper bags)								
191			Paper/cardboard ice cream								
			wrappers, sugar sachet etc.								
192	192		Paper/cardboard, natural material plates, cups and bowls								
193	Othor		Wooden confection/ ice cream								
100	Other	Food & beverage packaging	sticks, cutlery, toothpicks								
							•				

(mixed			TRANSECT 1	TRANSECT 2			TRANSECT 3			
matarials				Total number Weight	Tally	Total number	Weight		Total number	Weight
		Egg cartons, pizza boxes, cake boxes & similar								
ceramics,		Cardboard cup sleeves								
ceramics, 195 cloth, paper		Wine & other beverage casks (box only)								
		Ceramic pieces (unidentifiable)								
cardboard,		Ceramic tableware (plates & cups etc.)								
1991		Ceramic knick knacks &								
rubber,		decorations Binding thread string & cord								
wood,		Binding, thread, string & cord (not plastic/ synthetic)								
201 organics)		Rope natural pieces (<1m) Rope natural (>1m)								
202 organics) 203 204		Clothing, shoes, hats & towels								
204		Backpacks & bags								
205		Canvas, sailcloth & sacking (hessian) - not plastic								
206		Carpet & furnishings								
207		Other textiles (pieces of cloth, rags etc.)								
208		Personal effects (wallets, money, keys, jewellery)								
209		Pet handling & care items - mixed materials								
210										
211		Paper bags (not fast food) Newspapers & magazines								
212		Junk mail / free circulars								
213		Cardboard packages, boxes, sheets & tubes								
214		Paper shopping dockets, receipts, tickets								
215	All adlant	Fireworks incl. tubes & pieces								
216	All other	Paper sheets, strips etc.								
217 218		Rubber type balls & toys Rubber bands								
219		Rubber type sheeting & mats								
220		Rubber pieces (not tyres)								
221 222		Tyres Tyre fragments								
223		Inner tubes, seals & similar								
224		Wooden brooms, brushes, paint brushes & similar								
225		Matches & pencils etc.								
226		Corks								
227 228		Oil globules & tar Organic materials & food scraps,								
		including dog poo (not bagged)								
229 230		Medical tablets/capsules Wax (surf wax, candles, paraffin								
		& similar)								
231		Soap, dry lubricant, glue (not in plastic tubes)								
232		Asbestos								
233		Dangerous items i.e. military, weapons (incl. knives)								
234		Natural material cleaning sponges, cloths, wipes & brushes								
235		Clean fill piles								
236		'Fatballs' / sewage grease								
			ΤΟΤΛΙ							
			TOTAL							
Other items										
			TOTAL							