

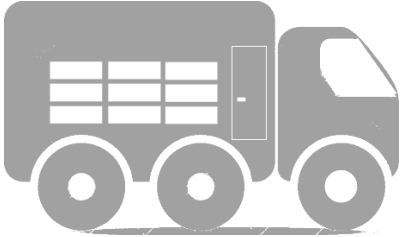

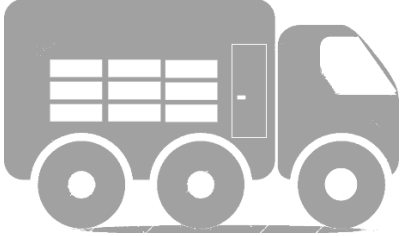


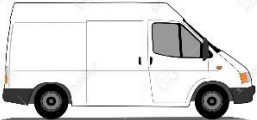

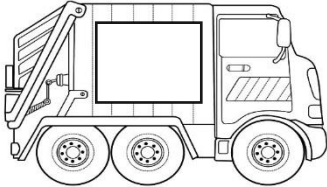





## Appendix III: Container and Service Design

**TABLE 1: STANDARD SERVICE PROVISION**


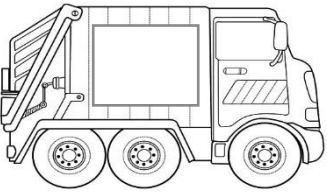
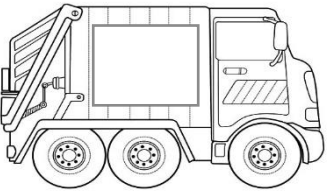
Household Waste Type	Container Provision	Frequency	Collection method (New Service)	Weekly Capacity	Regulation
Food Waste	5l Silver kitchen caddy, 23l orange kerbside caddy and supply of compostable liners  	Weekly	Kerbside Source Segregated – single pass (DCC)	23L	Mandatory requirement that will be strictly enforced All food waste presented is only accepted in the orange collection bin Participation will be monitored.
Dry recyclables: Top box: Paper (with or without grey card) 40l Middle Box cans/tins, plastic bottles and containers, cartons 70l Bottom box: Glass bottles and jars 55l	Trolliboc stackable boxes Black with coloured flaps to match Recycle Now Iconography.  	Weekly		165L	All recyclable items presented are not allowed in the black residual bin. Incorrect items will be left in the Trolliboc so households can dispose of correctly. Brown card to be presented in a re-useable sack, attached to the Trolliboc.




Cardboard (Mixed or brown tbd)	1 x 120l re-useable blue sack 	Weekly		120l	
Small electrical devices (WEEE e.g. toasters, kettles, shavers)	Householders present in own disposable carrier bag or cardboard box to keep dry	Weekly		Max 25l	Electrical items must be small enough to fit in a carrier bag, due to limited space on collection vehicle. Larger items will be rejected and residents advised to take to nearest Household Recycling Centre.
Household Batteries	Small reusable clip that clips onto the food waste caddy handle handle 	Weekly		0.2l	Residents may take batteries to a range of outlets or present kerbside. Batteries are not allowed in any other container due to fire risk.


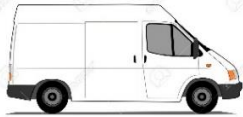

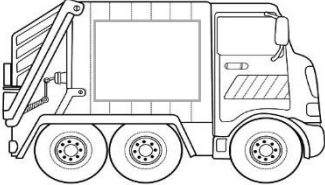

Textiles/shoes	<p>Red charity DCC/ logo disposable sack(s) (replacement left at time of collection or can be requested from charity.</p> 	Every two weeks	<p>Co-Options (DCC based charity)- same day of the week as DCC Recycling service</p> 	35l	<p>Optional service as residents may send textiles to range of charities Textiles are not allowed in the black bin. Textiles must be kept dry. May present more than one bag.</p>
Residual Waste (Non-recyclable waste)	<p>Black wheeled bin (Up to 240l)</p> 	Every 4 weeks	Refuse Collection Vehicle 	60L	<p>All residual waste must be fully contained within the allocated receptacles. Side waste is not permitted and will not be taken. Households failing to separate recyclables from the residual stream will be subject to a 4 stage advisory/enforcement procedure. Bins to be microchipped in order to monitor compliance and carry out targeted intervention work to optimise pro-recycling behaviours</p>
Garden Waste	<p>Green Wheeled bin (140l)</p> 	Every 2 weeks		Unlimited capacity may be purchased	Opt-In chargeable service Garden waste is not allowed in the black residual bin.
Nappy/Incontinence waste (AHP –	Sack collection (from curtilage of property where possible)	Every two weeks	Specialised 7.5t vehicle	Capacity agreed on Application	Opt-in free service with annual renewal requirement

Absorbent (Human) Hygiene products)	40l kerbside caddy (purple/optional) plus disposable translucent sacks (purple) 			AHP waste is also allowed in the black bin. Service optional.
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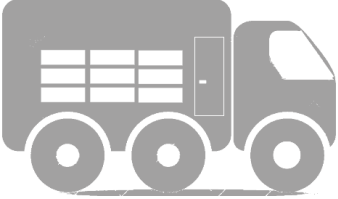
**TABLE 2: COMMUNAL BIN STORE AREAS**



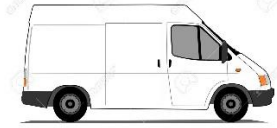
Household Waste Type	Container Provision	Frequency of collection (New Service)	Collection method (New Service)	Regulation
Food Waste	Individual silver kitchen caddy and liners/ 120l brown kerbside collection bin(s) – lined weekly 	Weekly	Vehicle 1: Food Waste Pod/ single bodied RCV with food waste pod. (Same vehicles also service large TRADE customers) 	Mandatory requirement that will be strictly enforced All food waste presented is only accepted in the Orange Collection bin Participation will be monitored.
Dry recyclables: Glass bottles and jars	1100 or 660 4 x wheeled bin Black with Dark Aqua lid and Recycle Now Iconography	Bespoke frequency depending on rate of fill and no. containers		Containers will have specially modified lids (restricted apertures) and see through side panels to discourage contamination. Contaminated bins will not be emptied on collection day.

				All households sharing the bin store will be issued with guidance and legal notice setting out the Council's requirements. Council will liaise with property management companies over compliance issues, including charging structures for contaminated recycling removal.
Dry Recyclables: Plastic / meal containers and cartons	1100l or 660l Black 4 wheeled bin with red lid and material stream specific Recycle Now Iconography 			
Dry Recyclables: Mixed Paper and Card	1100l or 660l Black 4 wheeled bin with Blue lid and Blue Recycle Now Iconography 			
Household Batteries / Small WEEE	Not accepted	N/A	N/A	Residents may take batteries to a range of outlets countywide. Small WEEE can be taken to HWRC's



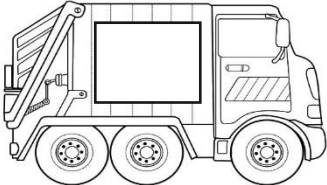

<p>Textiles/shoes</p>	 <p>Red charity DCC/ logo disposable sack(s) (replacement left at time of collection is property address displayed on bag or can be requested from charity.)</p>	<p>Every two weeks placed out in bin store area</p>	<p>Co-Options Local Charity partner</p> 	<p>Optional service as residents may send textiles to range of charities. Textiles are not allowed in the black bin. Textiles must be kept dry.</p>
<p>Residual Waste (Non-recyclable waste), including AHP waste</p>	<p>1100l or 660l or 4 wheeled bins</p> 	<p>Bespoke frequency per location dependant on bin store size (Minimum frequency fortnightly, maximum frequency 4 weekly)</p>	<p>Refuse Collection Vehicle</p> 	<p>All residual waste must be fully contained within the allocated receptacles. Side waste is not permitted and will not be taken. Containers will have specially modified lids (restricted apertures) to prevent deposit of bulky items. Council will liaise with property management companies over compliance issues, including charging structures for excess waste removal due to non-compliance.</p>
<p>Garden Waste</p>	<p>Green Wheeled bin (140l)</p> 	<p>Every 2 weeks</p>	<p>Opt-In chargeable service Service can be arranged by property managing agent. Garden Waste is not allowed in the black residual bin.</p>	

**TABLE 3: HOUSEHOLDS ON SACK COLLECTIONS DUE TO STORAGE/ACCESS ISSUES**

Household Waste Type	Container Provision	Frequency of collection	Collection method	Weekly Capacity	Regulation
Food Waste	7l Silver kitchen caddy OR 5l silver kitchen caddy + 23l orange kerbside caddy and supply of compostable liners  	Weekly	Kerbside Sort (DCC)	23L	Mandatory requirement that will be strictly enforced All food waste presented is only accepted in the Orange Collection bin Participation will be monitored.
Dry recyclables:  Box/bag 1: Paper (with or without grey card tbd)  Box/bag 2: cans/tins, plastic bottles and containers, cartons  Box/ bag 3: Glass bottles and jars  Bag 4: 120l large blue bag for Brown Card or mixed card	Bag system (4 bags) or Box System (plus cardboard sack)    Plus microchipped gull proof sack to contain smaller bags kerbside (large enough to fit large flattened card OR 120l Blue card sack   plus 	Weekly		Bespoke	Separate bags and boxes for each material stream All recyclable items collected kerbside are not allowed in the black residual bin. Non-recyclable items presented will be return to resident. Boxes presented with lids, bags presented sealed. Microchipped Gull proof sacks to be provided to present bags in (subject to outcome of West Rhyll trials in 2021)
Household Batteries	Small reusable clip that clips onto the food waste caddy handle	Weekly		0.2L	Residents may take batteries to a range of outlets or present

					kerbside. Batteries are not allowed in the black residual sacks.
Small electrical devices (WEEE e.g. toasters, kettles, shavers)	Householders present in own disposable carrier bag or cardboard box to keep dry	Weekly		Max 25l	Electrical items must be small enough to fit in a carrier bag, due to limited space on collection vehicle. Larger items will be rejected and residents advised to take to nearest Household Recycling Centre.
Textiles/shoes	Red disposable sack (replacement left at time of collection if property address displayed on bag) 	Every two weeks	Co-Options (same day as Kerbside Sort) 	35L	Optional service as residents may send textiles to range of charities Textiles are not allowed in the black bin. Textiles must be kept dry Replacement sacks can be requested on demand, as well as replenished at the point of collection.







<p>Residual Waste (Non-recyclable waste) including AHP</p>	<p>Pink see through disposable sack.</p>  <p>120l Microchipped Gull proof re-usable sack in which to present pink sacks – design tbc</p> 	<p>Weekly in high density areas (West Rhyl, high streets, secondary retail areas)</p>	<p>Refuse Collection Vehicle</p> 	<p>Up to 3 x 35l sacks</p>	<p>All residual waste must be fully contained within the sealed disposable sack Side waste is not permitted and will not be taken. Households failing to separate recyclables from the residual stream will be subject to a 4 stage advisory/enforcement procedure.</p>
<p>Garden Waste</p>	<p>Green dumpy sack x 3</p> 	<p>Every 2 weeks</p>		<p>Unlimited capacity may be purchased</p>	<p>Opt-In chargeable service Garden waste is not allowed in the black residual bin.</p>




**Households in rural areas currently on the disposable sacks service** (because we are unable to access their collection point with an RCV) will be provided with the full recycling solution as per the standard service (trolley box etc...) and a fortnightly residual waste collection of pink disposable sacks. Gull proof sacks will be provided on request.




**Please note that households receiving a weekly or fortnightly or communal bin collection service will not be eligible to join the AHP service at the point of service change.** DCC is working with Welsh Government to provide recycling facilities for AHP waste. Once a recycling

facility is available the AHP service will be expanded to all households (Likely to be 2024 onwards) in order to optimise recycling performance and comply with Welsh Government grant funding conditions.

**Table 4: DCC Trade Customers**

Household Waste Type	Container Provision	Frequency of collection	Collection method
<p><b>Large customers:</b></p> <p>Dry recyclables: Glass bottles and jars</p>	<p><b>Large customers</b></p> <p>1100 or 660 4 x wheeled bin DCC Blue with Dark Aqua lid and Recycle Now Iconography</p> 	<p>Bespoke frequency depending on rate of fill and no. containers</p>	<p>Bespoke RCV - weekly pass with pod for food</p> 
<p>Large Customers</p> <p>Dry Recyclables: Plastic / meal containers and cartons</p>			
<p>Dry Recyclables: Mixed Paper and Card</p>			

<p>Large Customers Food Waste</p>	<p>140l 2 x wheeled bin</p> 	<p>Weekly</p>	
<p>Large Customers Residual Waste</p>	<p>1100l or 660l or 4 wheeled bins</p> 	<p>Bespoke frequencies available</p>	<p>Outsourced RCV Collections to at least 2025 (Currently Veolia)</p>
<p>Dry recyclables: Top box: Paper (with or without grey card) 40l Middle Box cans/tins, plastic bottles and containers, cartons 70l Bottom box: Glass bottles and jars 55l</p>	<p>Trolliboc stackable boxes DCC colours with coloured flaps to match Recycle Now Iconography.</p> 	<p>Weekly</p>	<p>Co-collected on RRV household service Larger SME card producers to be schedule on RCV service.</p>

	Plus labels can be purchased for brown card.		
Food Waste	23l Caddy or max 140l bin depending on needs of business  	Weekly	Co-collected on household Recycling service (caddy) or bespoke trade service (bin)
Garden Waste (Any business)	140l 2 x Wheeled Bin service  	Fortnightly	Co-collected on household service
Small customers (SME's) residual waste	140l/240l/360l 2 x Wheeled Bin service or disposable sacks  		Outsourced RCV Collections to at least 2025 (Currently Veolia)

**Figure 1:** Source Segregated See Bins (1100l) to be trialled at Bron Y Crest. Denbigh communal collection points 2021 onwards (colours / branding as above in Table 2). Clear panels to enable quality inspections prior to emptying. Restricted lids designed to discourage bagged waste being deposited and other non-target items.



**Figure 2:** Examples of a typical source segregated recycling collection vehicles, to service smaller trade recycling customers (microsites) on the domestic rounds and SMEs (Small and medium enterprises)

