

Appendix C

3-Weekly Residual Collections Research

| ENGLAND | | | | | | | | |
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| | Bury | Oldham | Rochdale | Salford | Wigan | East Devon | Daventry | North Devon - trial only |
| Introduced 3-weekly | October 2014 | October 2016 | October 2015 | Rolled out by August 2017 | September 2017 | June 2017 (trial Sept. 2015) | June 2018 | Trial June 2017 |
| Collection system (residual in 240l unless stated) | Fortnightly garden & food, 3-weekly recycling (2 bins) | Weekly garden & food, 3-weekly recycling in 2 bins. | Weekly food waste, 3-weekly recycling in 2 bins | Weekly food, fortnightly recycling in 2 bins | Fortnightly garden & food, 3-weekly recycling (2 bins) | Weekly food, weekly recycling with box and bag. | Weekly food, fortnightly garden (charged), fortnightly recycling. | |
| Nappies / Adult Hygiene Products | Apply for additional residual bin following audit, prove recycling. | Following a waste audit, may have an additional bin for healthcare waste or 2+ children in nappies. | Advice and waste audit by officer to householders requesting additional bins for household with a 'large number of children'. Application (but no waste assessment) | Advise to double bag nappies. Larger bin if have specific medical condition, following waste awareness officer visit. | Advise to double bag nappies, may apply for more capacity after an audit. Flexible with those with healthcare waste. | Advise to double wrap, help to minimise waste, bigger bins if required, fortnightly collection for nappies or incontinence | Proposed weekly nappy collection in consultation and small proportion of respondents advised they would use | Advise to double wrap, additional bin if necessary, or if that doesn't work then fortnightly |

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| | | | required for households producing medical waste. Reviewed periodically. | (£51.50 charge for bin) | | waste if necessary, BUT no-one has needed bigger bins or separate collections during trial. | it. Extra large bin for 2+ in nappies. | sack collection. |
| Provision for larger households | Apply for additional residual bin following audit, prove recycling. Red lid identifies additional bin. | Following a waste audit, may have an additional bin for 5+ people. | Additional 140l bin (or replace 240l with 360l bin) for household 6-9, 2 x 240l for 10+ in household following waste audit. | 360l bin for households of 6+ following waste awareness officer visit (£51.50 charge for bin) | Households of 6+ or those producing large quantities of nappies may apply for more capacity. | | Extra large bin for 6+ in household. | |
| Fly tipping / littering | Collected <i>less</i> street cleansing tonnage. Dec 2015 O&SC - no evidence | | | | | | | |
| Replacement bins | | Charge £18.45 (refurbished) / £30.75 (new) for replacement (unless damaged, then free) | No charge. | Charge £25.75 for replacement refuse bins. | | Replacement bins or sacks free. Buy additional recycling boxes (£7.50), reusable recycling sacks (£5). Food caddies FOC. | | |

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| Bin lids closed | Yes | Yes. | Yes | Yes | Yes | | | |
| Residual Side waste | Not accepted. | Not accepted. | Not accepted | Not accepted | Not accepted | Not accepted | Not accepted | |
| Recycling boxes (where applicable) | | | | | | | | |
| Assisted | | | | | | | | |
| Clinical collection | | | | | | | | |
| Other | Ahead of service: FAQs and policies developed and published , additional contact centre staff. Can request additional recycling bins after an audit (no min. household size). Policy of returning to any bin reported as missed regardless of reason within first 4 months. After 11 months, 90-95% presented with closed lids and v. little side waste. Street cleansing tonnages decreased. | | Additional recycling bin FOC. | | | | Additional recycling bin on request. Not collecting in existing recycling boxes (2 per household), collect garden bin if not required. | |
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| SCOTLAND | | | | | | | |
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| | Argyll & Bute | East Ayrshire | East Renfrewshire | Falkirk (now 4 weekly) | Fife (Fortnightly) | Fife 3-weekly and 4-weekly trial (12 months) | North Lanarkshire |
| Introduced 3-weekly | Oct - Nov 206 | October 2016 | October 2016 | March 2014, 4-weekly from October 2016 | Trial September 2015 | Trial September 2015 | October 2017 |
| Collection system (residual in 240l unless stated) | Fortnightly recycling bins/bags and collection points (different arrangements due to rural/island environment, some rural areas do not have food waste collections). No garden waste collections, 25% household receive food waste collections. | Weekly food, weekly recycling trolley boxes | Weekly garden & food, 3-weekly recycling in 2 bins | Weekly food, fortnightly recycling in wheeled bin, box and bag | 4 bin - residual (140l - fortnightly), plastic & cans (240l - 4-weekly), paper & cardboard (240l - 4-weekly) food & garden (fortnightly, 4-weekly in winter). Additional 240l bin recycling/organic provision for 5+ households or medical needs with extra packaging. | Trialed 2,000 households on each 3-weekly and 4-weekly residual, with fortnightly or 3-weekly recycling. | Fortnightly garden & food, 3-weekly recycling (2 bins) |

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| Nappies / Adult Hygiene Products | Additional 140l bin for healthcare waste or nappies, following a waste review visit. | Weekly collection service for nappies and AHP. | Additional bin for 2+ in nappies, or incontinence/healthcare waste. May complete waste diary. Provided for 2 years, then must reapply. | Households demonstrate maximum recycling, complete a waste diary, and have an audit before larger bin is approved. | Larger residual bin for households with nappies or AHP (240l instead of 140l) | Additional 140l bin emptied fortnightly for nappies (child under 3)/AHP for 3-weekly trial. Fortnightly collection of existing bin for 4-weekly trial. | Indoor nappy bin to compact nappy waste provided for household with 2+ children in nappies. Weekly collection. Advise nappies and cat litter/dog waste to be tightly wrapped. | |
| Provision for larger households | Additional 140l bin for 5+. Phone call/home visit if needed. Red lid identifies second bin. May provide 240l bin rather than standard 140l. No charge. Eligibility reviewed annually. | | Additional bin for 6+ in household | Application and complete waste audit diary. Individual basis. | Larger residual bin for 5+ households (240l instead of 140l) | Additional 140l bin emptied fortnightly for 5+ permanent residents | 360l bin application for 5+ people after 7-day waste diary is completed. | |
| Fly tipping / littering | | | | | | | | |
| Replacement bins | Charge for replacement/repairs residual bins. | | | Charge for replacement if due to | | | Recycling bins replaced | |

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| | Recycling bin repaired/replaced FOC. | | | householder negligence. | | | FOC. Residual replacement bins charged £49,37 new or £37.03 2nd hand. May buy additional refuse sacks (£1.05 for 10) | |
| Bin lids closed | | | | For H&S, litter and spillages | Yes. | Yes. | | |
| Residual Side waste | Not accepted | Not accepted | | Not accepted | Not accepted | Not accepted | | |
| Recycling boxes (where applicable) | | | | | | | | |
| Assisted | | | | | | | | |
| Clinical collection | | | | Refer to NHS | | | | |
| Other | Advice from SEPA indicated no increased to public health if waste is wrapped and bin lid kept closed. Policies agreed in Feb 2016, | | | 2004 = 240l/week, 2012 = 430l/week (3 x 240 bins, plus box + food caddy). Before | | 50% of residual bin could have been recycled. Business case of 6% recycling increase, 3- | Larger recycling bin FOC. | |

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| | 3-weekly collection agreed June 2016. | | | change, 60% of residual bin was recyclable (incl. batteries, WEEE, textiles and shoes, as well as kerbside services). Changed to 50% one year after service change. Used this angle to promote a more sustainable waste collection system, challenging residents' attitude to waste as a resource | | weekly trial saw 0.3% increase, and 4-weekly trial saw 1.6% increase. No increase in contamination during trial but already high - paper & cardboard (3%) and organics waste streams (7%). 10% increase in cans & plastics during trials. Increase in capture rates but not prediction of 80% total capture rate - increases of 4% food and 10% cans and plastics on 4-weekly, 8% increase in paper & cardboard in | | |
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| | | | | | | both trials. Reverted to original collections afterwards. | | |
| | WALES | | | | | | | |
| | Anglesey | Blaenau Gwent | Conwy (4 weekly from Sept. 2018 after 18 mth trial of 20k properties) | Gwynedd | Powys | | | |
| Introduced 3-weekly | October 2016 | October 2015 | | October 2014 | November 2015 | | | |
| Collection system (residual in 240l unless stated) | Weekly food waste, weekly recycling with trolley boxes | Weekly food waste, weekly recycling with trolley boxes | Weekly food waste, weekly recycling with trolley boxes | Weekly food waste, weekly dry recycling collection with trolley boxes | Weekly food, weekly recycling in 3 boxes, 180l residual bin. | | | |
| Nappies / Adult Hygiene Products | Separate collection available for children < 4 yrs old (max. 2 bags/household) at frequency specified by council. Collect offensive waste separately. | Weekly nappy and adult hygiene collection service (opt-in). | Separate collection for nappies and offensive waste, in council-provided sacks from storage caddy, collected weekly. | Separate nappy collection (1 yellow bag/week) | Larger bins considered for 2+ in nappies or incontinence waste. | | | |
| Provision for larger households | 6+ in household, following home visit, maximising recycling services. Annual | Assessed on case-by-case basis. | Apply for second bin if 6+ in household (or less at discretion). | Self-assessment form for large families (7+), may have 360l bin. | Advice by officer to householders requesting additional capacity. Additional sacks available for purchase | | | |

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| | review. Charge for exchange | | Reviewed every 2 years. | | (£52 for 26). Larger bins considered for 6+ in household |
| Fly tipping / littering | | | | | |
| Replacement bins | Charge £31 for new, damaged, lost or stolen bins (admin charge, bin remains property of council). Collections only from branded Anglesey bins. If resident refuses payment, may not present waste in sacks. | | | | May buy additional residual sacks. |
| Bin lids closed | Bins designed to empty with lids closed, for H&S. Lids must be shut. | | Yes | | Yes |
| Residual Side waste | Not accepted. Sticker on bin by operative and additional bags placed in empty bin after collection. | | Not accepted | Not accepted | Not accepted |
| Recycling boxes (where applicable) | Householders to use box hats/nets where provided to keep contents dry. Cardboard cut to 50x50cm | | Troliboc | Troliboc | Lid for paper box, net for plastic and cans box. |
| Assisted | Council may request doctor's note to confirm incapacity. | | | | |

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| | Home visit by officer possible. Reviewed annually | | | | |
| Clinical collection | Chargeable | | | Arranged by community nurse. | |
| Other | Putting waste other than prescribed by council in any bin will result in the council taking it away. Failure to separate waste may result in container not being emptied. Waste too compacted to empty on regular mechanical process will need loosening by householder before next collection. | Additional recycling boxes available. | Additional recycling boxes available. | Up to 2 food caddies, up to 4 recycling boxes, lids or nets for available for boxes. | Additional recycling boxes available. |