

## Caru Cymru Local Trial Template

<b>Local authority:</b>	Pembrokeshire County Council	
<b>Project title:</b>	Dog fouling initiative – dog poo bag dispensers	
<b>Issue addressed:</b>	Dog fouling	
<b>Brief outline:</b>	Work with Gelliswick School to tackle dog fouling issues in the local area by installing and monitoring the effectiveness of a dog poo bag dispenser. The school will also produce a promotional video with pupils to highlight the issue and educate the public to pick up after their dogs.	
<b>Timescales:</b>	<b>Start Date: September 2022</b>	<b>End Date: November 2022</b>

### Project Outline

<b>What is LEQ problem?</b>	Dog fouling	
<b>Who is the target audience?</b>	Public: locals and visitors	
<b>Where will you run it?</b>	Gelliswick Church in Wales VS School, wider Gelliswick community	
<b>What is the gross cost of intervention to KWT (including vat, delivery)?</b>	Approximate cost of one dog poo bag dispenser: £250 Approximate cost of 500 dog poo bags: £28  Please note, both items were part of larger orders placed by Keep Wales Tidy: 4x dog poo bag dispensers: £997 10,000 dog poo bags: £576	
<b>Who is procuring the intervention?</b>	Keep Wales Tidy	
<b>What is the intervention?</b>	Dog poo bag dispenser, spray paint and stencils, dog poo campaign bin stickers	
<b>What are you trying to measure?</b>	Reduction of dog poo in the area – so will need surveying before and after	
<b>Who will be involved?</b>	KWT Project Officer – David Rowe, Simon Preddy, Gelliswick Church in Wales VC School	

### Monitoring and Evaluation

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<p><b>What monitoring is in place for the project?</b></p>	<p>The amount of dog waste present needs to be monitored to determine the effectiveness of the trial.</p> <p>Surveying of target area before the trial (two days a week for two weeks), and then during the intervention i.e. installation of the dog poo bag dispenser (two days a week for four weeks). Surveyed by David Rowe / Gelliswick Church in Wales VC School</p> <p>Note: coordinate with local authority dog wardens to ensure the area is not cleansed before surveys.</p>																																																												
<p><b>Trial report</b></p>																																																													
<p><b>Headline results</b></p>	<p>Overall, a general decrease in dog fouling instances was observed, with the average baseline number being 18 and then dropping to eight during the period of monitoring with the intervention in place.</p> <p>It should be noted, the dispenser was empty during each survey. It was confirmed with the school who had the responsibility to refill it (for the purpose of ensuring, if successful, the long-term sustainability of the intervention once KWT ceased monitoring), that they were topping it up, so it appears the bags were taken frequently. It is also possible that the reduction in dog fouling instances could be influenced by the frequent presence of a KWT project officer surveying and removing dog fouling (to prevent double counting in future surveys).</p>																																																												
<p><b>Data and outcomes</b></p>	<table border="1" data-bbox="472 1084 1353 1541"> <thead> <tr> <th>Date</th> <th>Time</th> <th>Bagged</th> <th>Unbagged</th> <th>No. of bins &gt;75% full</th> </tr> </thead> <tbody> <tr><td>12/09/2022</td><td>08:25</td><td>0</td><td>25</td><td>0</td></tr> <tr><td>14/09/2022</td><td>09:09</td><td>0</td><td>9</td><td>0</td></tr> <tr><td>20/09/2022</td><td>10:05</td><td>0</td><td>22</td><td>0</td></tr> <tr><td>27/09/2022</td><td>09:15</td><td>0</td><td>16</td><td>1</td></tr> <tr><td>10/10/2022</td><td>09:11</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>12/10/2022</td><td>09:00</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>18/10/2022</td><td>10:40</td><td>0</td><td>12</td><td>1</td></tr> <tr><td>24/10/2022</td><td>10:27</td><td>1</td><td>5</td><td>0</td></tr> <tr><td>26/10/2022</td><td>09:36</td><td>0</td><td>11</td><td>1</td></tr> <tr><td>31/10/2022</td><td>10:30</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>02/11/2022</td><td>11:15</td><td>0</td><td>10</td><td>0</td></tr> </tbody> </table> <p>Orange = Baseline data Blue = Data with intervention</p>	Date	Time	Bagged	Unbagged	No. of bins >75% full	12/09/2022	08:25	0	25	0	14/09/2022	09:09	0	9	0	20/09/2022	10:05	0	22	0	27/09/2022	09:15	0	16	1	10/10/2022	09:11	0	6	0	12/10/2022	09:00	0	6	0	18/10/2022	10:40	0	12	1	24/10/2022	10:27	1	5	0	26/10/2022	09:36	0	11	1	31/10/2022	10:30	0	6	0	02/11/2022	11:15	0	10	0
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<p><b>Lessons</b></p>	<p>Surveying earlier in the summer with the use of spray paints to highlight dog fouling instances seemed to lead to a reduction in dog poo. This is possibly due to the very visual effect the pink chalk-based spray paint has in highlighting the issue to the public.</p> <p>It is difficult to determine if the bag dispenser was an effective method in reducing dog fouling in the area as it was empty for most of the trial. The dispenser needs to be consistently topped up to ensure it is effective.</p> <p>There are examples of local authorities who have contracts to do this.</p>																																																												
<p><b>Opportunities</b></p>	<p>It was initially planned for the school to spray paint some anti-dog fouling messaging on the paths surrounding the school grounds. This was not carried out</p>																																																												

	<p>during the trial so there is an opportunity to carry this out in the future with pupils from the school. The bag dispenser should also be kept topped up with bags consistently to ensure its effectiveness as a method to reduce dog fouling instances in the area.</p>
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