



Department
for Environment
Food & Rural Affairs



CCTV & Signage on Rural Unlit Road

Spelthorne Borough Council – Fly-tipping Intervention Grant

Spelthorne Borough Council targeted a rural unlit road that was a hotspot for fly-tipping due to the road being remote, easily accessible and under the cover of darkness. The council installed a **dome CCTV camera** at the end of the road, to compliment the dome camera already in place at the other end of the road, that in turn will cover 90% of the road to capture any fly-tipping offenders. The council also installed **clear signage warning that the area is being watched** to act as an initial deterrent. The project ran for 6 months and results were monitored 3 months pre and post intervention. The council has seen a **70% decrease in fly-tipping incidents** since installing the CCTV and signage.



(Signage installed at hotspot)

The Fly-tipping Issue

The council targeted a rural unlit road that suffers with multiple fly-tips.

The type of fly-tipping was predominately construction material, garden waste and household waste on a large scale, mainly from tipper trucks due to the location being rural, dark and easily accessible. The council suspects that the waste was predominately being dumped by unlicensed waste carriers in tipper lorries and general members of the public in their vehicles.

The Intervention

The council have previously tried various covert cameras including litter bins and bird boxes again with varying degrees of success. The council currently have one CCTV camera installed at this hotspot location that did act as a deterrent, however the fly-tipping is now occurring at the other end of the road which is not covered by the CCTV already in place.

The council purchased and installed another dome CCTV camera at the other end of the road to not only capture fly tipping but with a bid to capture tipper trucks leaving the area to make further enquiries in relation to waste crime. The CCTV covers 90% of the road, specifically the two known fly-tipped locations. The council's original camera can detect number plates in the dark.

A contractor installed the CCTV camera onto a lamppost and a cherry picker had to be used. Our internal IT team installed the software onto the council's laptops so that they could view the cameras live and download any relevant footage of offences that were captured.



Signage: Separate to the grant funding, the council implemented signage at either end of the road and one halfway along the road. The signage warns that CCTV is in operation and provides the councils contact details to report fly-tipping.



The Result

Since the camera has been installed, the levels of fly tips have reduced substantially. The three fly tips were single items which unfortunately the CCTV could not capture due to the offence being committed under the cover of darkness.

Location	Intervention	Pre-Intervention Monitoring	Post-Intervention Monitoring	Results
Hotspot Rural Location	CCTV	10 1 st July 2023-1 st October 2023	3 2 nd October 2023-31 st December 2023	70% Decrease

Data Source: Fly-capture

Other Relevant Data

Enforcement: There have been no enforcement actions taken at this location due to the substantial decrease in fly-tips recorded and no evidence available to take forward the fly-tips that occurred.

Feedback

What went well?

The combination of the overt CCTV and signage has contributed to a large decrease in fly-tips occurring on the road. Having CCTV at either end of the road has definitely acted as a deterrent to any potential fly-tippers.

What would you do differently?

On reflection the council would look at installing night vision CCTV. The current CCTV cannot produce sufficient footage of fly-tips committed at night (in the dark).

Equipment Inventory

Item	Supplier	Unit Cost	Quantity	Total Value
WCCTV Panoramic Dome Camera	WCCTV	6,000	1	£6,000.00

Contact Details

Name & Position – Martin Cole, Neighbourhoods Manager

Email – m.cole@spelthorne.gov.uk

Defra's Fly-Tipping Intervention Grant: The Fly-tipping Intervention Grant supported projects trialling approaches and interventions to tackle fly-tipping. Administered by Rural Payments Agency (RPA) on behalf of Defra, this grant provided capital funding for projects at known fly-tipping hot-spots that showed the potential for improving infrastructure, raising awareness, and supporting enforcement activity.