

Mid Ulster District Council

Case Study

Straddling two counties with a population of more than 140,000, Mid Ulster District Council (MUDC) provides local services to a diverse population spread across both rural and urban communities.

One of the many services MUDC provides is the collection of trade waste from 250 sites across the Dungannon area. Although the collection of waste is completed regularly, the actual amount of waste collected varied greatly from truck to truck and route to route. Information from the individual routes, including the amount of waste collected was collated by the council on Excel spreadsheets.



The Problem

MUDC required the digitisation of this data to allow them to present it on a map for analysis. This would enable their GIS officer to optimise collection routes dependent on location, weight and type of waste. The data itself had no latitude or longitude coordinates but was a collection of addresses that were not formatted correctly to be imported into a GIS.

MUDC have always utilised their proprietary GIS desktop solution for completing this type of work but this was notoriously a very slow process, not only that, but due to the complex nature of the software it had to be completed by an expert. They required a solution which significantly simplified this process allowing staff with limited GIS knowledge to complete this task and reduce the pressure on the GIS department.

Why Azimap?

- ✓ GIS knowledge and expertise
- ✓ Support available for duration of the project
- ✓ Simplified workflow
- ✓ Ability to import legacy data
- ✓ Data can be exported for use in council's proprietary GIS



What MUDC Did

By using Azimap, the GIS staff at MUDC never had to leave the digitisation workflow to complete this task. This enabled them to increase productivity by 80% compared to using similar processes on the councils proprietary GIS. The task of undertaking this project within Azimap, involved:

- Importing a non-spatial CSV into Azimap as a new layer
- Choosing which attributes are 'editable' & 'required' dependent on the data
- Saving this layer and showing it on a Map
- Plotting trade waste sites on the map via a simple address search within Azimap
- Editing the database table entries within Azimap as required
- Never having to leave the Azimap digitisation workflow process
- Saving and exporting the data out of Azimap in their required spatial format

The Benefits

- ✓ Quick and straightforward process which anyone could complete
- ✓ Significantly reduced the hours required to complete this time-consuming work
- ✓ Allowed staff more time to complete advanced GIS analysis
- ✓ Data was easily exported to MUDC's preferred spatial format
- ✓ No incomplete records due to completion of 'required field' attributes



Azimap as a digitisation tool was fantastic in comparison to the usual methods used to capture data. The digitisation workflow made this process extremely quick and accurate which is a priority for me. Added to this was the ability to complete each record fully without having to leave the application. It was perfect for this task.

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