



**WM HAMILTON & SONS LTD**

APSE 27<sup>TH</sup> AUGUST 2025

ROAD SWEEPING & MAINTENANCE SERVICES







# Our Services

Protecting Infrastructure with Road Sweeping and Gully Maintenance



W.M. HAMILTON & SONS LTD



# AGENDA

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1. What is Road Sweeping?
2. Consequences of Poor Road Maintenance
3. Importance of Road Maintenance
4. Key Benefits of Outsourcing Road Cleaning
5. Local Authorities We Support
6. Sweeper Comparison (18-Ton vs Compact)
7. Road Sweeper Technical Specifications
8. Case Study
9. Waste Disposal & Recycling
10. Key Takeaways & Benefits







# Consequences of Poor Road Maintenance



## 1 Road Presentation



## 2 Blocked Gullies



## 3 Inefficient Drainage



## 4 Flooding Risk



## Importance of Road Maintenance

- **Keeps roads and spaces clean and tidy** – removes litter, dust, and debris
- **Improves presentation and public perception** – enhances the appearance of streets, parks, and communities
- **Keeps gullies free from debris and blockages** – ensures drainage systems function effectively
- **Prevents blockages** – keeps drains and surface water channels clear
- **Reduces flooding risk** – ensures effective drainage during heavy rainfall
- **Minimises safety risks** – reduces hazards for vehicles, cyclists, pedestrians, and park users
- **Proactive, cost-saving approach** – minimises repairs and extends road infrastructure and asset lifespan





## Key Benefits of Outsourcing

- **Consistent Coverage** – reliable service across multiple council areas.
- **Specialist Equipment** – advanced sweepers and vacuum systems designed for heavy-duty cleaning.
- **Reduced Risk** – safer roads with faster removal of hazards and spillages.
- **Lower Operating Costs** – avoid investment vehicles, maintenance, and staffing.
- **Environmental Compliance** – waste processed through SEPA-licensed facilities.
- **Scotland Excel Approved** – streamlined procurement with no tender process required.



### High Productivity

More Distance  
Covered Per Shift



### Cost Savings

Up to 30%

## ROAD SWEEPING DIVISION PROVEN PERFORMANCE



### Material Removed

12-20  
Tonnes/Shift



### Procurement

Pre-approved via  
Scotland Excel  
No Tender Required



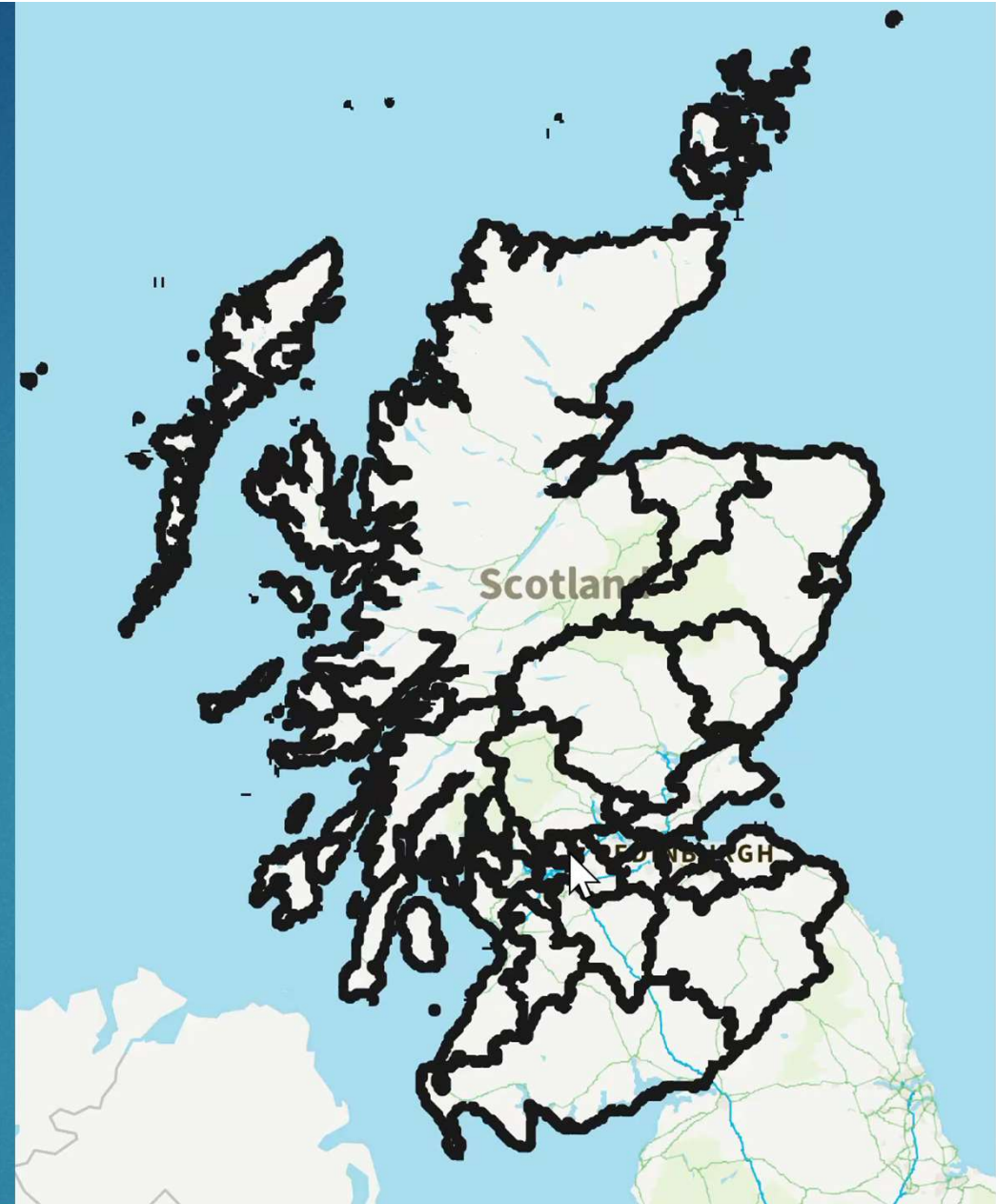
### Performance

30% Higher  
Productivity

# Supporting Local Authorities with Road Sweeping

Trusted provider of road sweeping services to 12 councils across Scotland

- Glasgow City Council
- East Dunbartonshire Council
- West Dunbartonshire Council
- East Renfrewshire Council
- Fife Council
- Dundee City Council
- Argyll and Bute Council
- Inverclyde Council
- North Lanarkshire Council
- Renfrewshire Council
- South Ayrshire Council
- West Lothian Council





# Road Sweeper Comparison



## 18 – Ton Sweeper



Highways, industrial areas,  
public facilities, parks and  
community spaces



8m3 Hopper capacity



1,500 to 2,255L water tank



High Performance for Heavy-  
Duty, Long-Route Operations

VS

## Compact Sweeper



Narrow Streets, footpaths,  
urbans zones



1.5m3 Hopper capacity



150 – 500 litres



Ideal for short range  
operations Designed, light  
loads



## High-Specification 18T GVW Mechanical Road Sweepers



- **18T Sweeper equipped with Lightboards** – can operate on roads cleansing up to **40 mph**



- **Benefit:** No traffic management required, saving costs and time delays
- **Upgraded LED and Hazard Warning Lights** – safety compliance on-site



**6" Hydraulic Suction Booms** – precise and powerful debris collection

**2255 L Water Tank** – efficient dust suppression during sweeping

**8m3 Hopper capacity**

**Upgraded Suction Boxes and Brushes** – improved cleaning performance



## Local Authority: Case Study

- Routine cleaning programs
- Streets logged with distances
- Fixed sweeping schedules
- Efficient route planning
- Simple driver task sheets
- Clear completion records
- Full reporting for councils
- Weighbridge tickets and Operator work logs





## Waste Disposal & Wash Plant: Recycling Solutions

- £5m Wash Plant complete with Effluent Treatment will enable us to recycle inert material using Industry-leading technology.

**Tonnage:** 80-100tph

**Material:** Waste, Road Sweeping & Gully Waste

**Output:** Recycled Sands, Aggregates

- Fully closed loop water recycling system.
- This new facility further demonstrates Wm Hamilton's contribution to the circular economy by increasing recycling rates and reducing the amount of waste going to landfill.
- Transforming waste into valuable, high-quality Recycled products.
- Gully waste is classified and processed under EWC Code 20-03-03





## Key Takeaways & Benefits

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- **Poor maintenance is costly** → leads to blockages, flooding, safety hazards and expensive long-term repairs.
- **Effective road maintenance** → safeguards infrastructure, enhances safety and meets compliance standards.
- **Outsourcing delivers results** → proven cost savings, efficiency and reliability.
- **Trusted by local authorities** → strong track record across multiple councils.
- **Right equipment for the job** → 18-Ton sweepers for heavy-duty routes; compact sweepers for urban spaces.
- **Technical strength** → advanced suction, hopper capacity and dust suppression ensure performance.
- **Higher productivity and wider coverage** → delivering greater outputs, improved efficiency and significant cost savings.

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Lancashire County Council presented on the importance of maintenance and the cost savings it delivers – Mar 25'







# QUESTIONS?



**WM HAMILTON & SONS LTD**



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