

# Procuring in Partnership Recycling of Street Sweepings and Gully Emptying

APSE

Environmental Services Seminar  
2015

# Benefits

- Nearly 300,000 tonnes of material will be diverted from landfill by end of contract
- £10 million+ savings for 5 Midland waste disposal authorities
- Recycling rates for participating authorities boosted by around 3% per annum

# Tender in a Nutshell

- Contract commenced Jan 2012
- 7 year term + up to 3 years extension
- Straight-to-gate for authorities other than WCC & CCC (transferred via SITA Coventry)
- 70% MINIMUM RECYCLING RATE (90%+ was anticipated)
- Disposal of residue at contractor's expense (incentive to achieve high recycling rate)
- Accepts both wet and dry materials from mechanical sweepers, gully tankers and mini sweepers.

# Procurement

- £35/tonne benchmark price
- Open Tender (one stage)
- OJEU Advert May 2011
- Deadline for Tenders June 2011
- Contract award August 2011
- 9 showed interest
- 4 tender returns

# Protocols & Game Plan

- Back-to-back / Joint Working Agreement with WCC required prior to separate bolt-on contracts direct with SITA from each named authority
- Max Tonnage = 30,500

# Economy of Scale

- Warwickshire CC (lead) & Coventry CC PLUS
  - Staffordshire CC
  - Worcestershire CC
  - Leicestershire CC



# Sweepings Tonnages

WCC	8,000
CCC	2,000
SCC	9,500
Worcs CC	8,000
LCC	1,500
<i>Sub Total</i>	<i>29,000</i>
<b>Gully Emptyings etc</b>	<b>1,500</b>

# Coleshill Plant Processing

- 35K with Road Sweepings per year.
- The plant runs at 20m/t hour 5 day week, on a 10 hour day shift, 9 hours being operational.





# Coleshill Plant



# Wolverhampton Plant



# Street Sweeping Recycling

Total Inputs	% Recycling v dried inputs
Aggregates recycled from roadsweepings	13.4%
Sand recycled from roadsweepings	39.8%
General Non haz Waste (Residual) for Recycling	2.0%
General Non haz Waste (Residual) to Landfill	0.1%
Mixed Metal Waste for Recycling	0.1%
Sludge Recovered via soil improver for Landfill Restoration (using an approved EA Deployment)	23.4%
Organics Recovered via soil improver for Landfill Restoration (using an approved EA Deployment/Permit)	20.8%
Sludge (Taken to treatment works), includes 840m3 water adjustment i.e. for water added to the process	0.4%
<b>Summary % Recycling</b>	<b>55.32%</b>
	<b>44.6%</b>
	<b>0.1%</b>

# Usage of material

- Sand 11,200tpa (washed in effluent water so used in Landfill engineering layer)
- Sand 2,800tpa (used in block making on site – to supply SITA projects)
- Aggregates 3,850tpa (used in block making on site – to supply SITA projects)
- Organics 8,300tpa (restoration projects) via composting at Packington

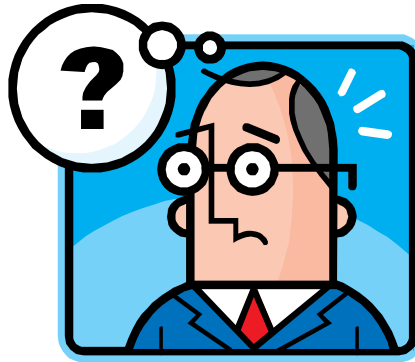
# Block Making



# Conclusion

- Nearly 300,000 tonnes of material will have been diverted from landfill
- Excess of £10 million+ savings for 5 Midland waste disposal authorities
- Recycling rates for participating authorities boosted by around 3% per annum for Municipal

# Questions



# Contact

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