

Local Government

1.1 GENERAL GOVERNMENT – EFFICIENCY					
	2004	2003	2002	2001*	
	9.5%	8.5%	7.7%	7.2%	
Efficiency Measure Operating costs for governance and corporate management as a percentage of total municipal operating costs.					
Objective Efficient municipal government.					
Notes					
* Report results for 2001 only if the measure for local government based on governance and corporate management was selected in 2001. SLC 91 0203 13 Financial Information Return.					

Fire Services

2.1 FIRE SERVICES – EFFICIENCY					
	2004	2003	2002	2001	2000
	\$0.65	\$0.75	\$0.83	\$0.82	\$0.87
Efficiency Measure Operating costs for fire services per \$1,000 of assessment.					
Objective Efficient fire services.					
Notes					
SLC 91 1101 13 Financial Information Return.					

Roads

4.1 PAVED ROADS – EFFICIENCY					
	2004	2003	2002		
	\$688.75	\$612.20	\$649.08		
Efficiency Measure Operating costs for paved (hard top) roads per lane kilometre.					
Objective Efficient maintenance of paved roads.					
Notes					
New formula was introduced in 2002. SLC 91 2105 13 Financial Information Return.					
4.2 UNPAVED ROADS – EFFICIENCY					
	2004	2003	2002		
	\$5,542.21	\$6,833.28	\$4,972.00		
Efficiency Measure Operating costs for unpaved (loose top) roads per lane kilometre.					
Objective Efficient maintenance of unpaved roads.					
Notes					
New formula was introduced in 2002. SLC 91 2106 13 Financial Information Return.					
4.3 WINTER MAINTENANCE OF ROADS – EFFICIENCY					
	2004	2003	2002		
	\$3,691.43	\$2,776.69	\$1,798.56		
Efficiency Measure Operating costs for winter maintenance of roadways per lane kilometre maintained in winter.					
Objective Efficient winter maintenance of roads.					
Notes					
New formula was introduced in 2002. SLC 91 2203 13 Financial Information Return.					

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

4.4 ADEQUACY OF PAVED ROADS					
	2004	2003	2002	2001	
	85.5%	87.3%	88.57%	89.61%	
Effectiveness Measure Percentage of paved lane kilometres where the condition is rated as good to very good.					
Objective Pavement condition meets municipal objectives.					
Notes					
SLC 92 2152 07 Financial Information Return.					
4.5 WINTER EVENT RESPONSES					
	2004	2003	2002	2001	2000
	100.0%	100.0%	98.3%	100.0%	98.5%
Effectiveness Measure Percentage of winter events where the response met or exceeded locally determined municipal service levels for road maintenance.					
Objective Appropriate response to winter storm events.					
Notes					
SLC 92 2251 07 Financial Information Return. Description of measure has changed, but not its calculation.					

Wastewater (Sewage)

6.1 WASTEWATER COLLECTION – EFFICIENCY				
	2004	2003		
	\$2,040.27	\$1,947.44		
Efficiency Measure Operating costs for the collection of wastewater per kilometre of wastewater main.				
Objective Efficient municipal wastewater collection services.				
Notes				
In 2003 the denominator was changed so that connections were included with total kilometres of wastewater mains. Comparison with earlier years is not possible unless results are recast. SLC 91 3106 13 Financial Information Return.				
6.2 WASTEWATER TREATMENT AND DISPOSAL – EFFICIENCY				
	2004	2003	2002	2001
	\$418.00	\$398.10	\$386.50	\$376.69
Efficiency Measure Operating costs for the treatment and disposal of wastewater per megalitre.				
Objective Efficient municipal wastewater treatment and disposal services.				
Notes				
One megalitre equals 1,000,000 litres or 1,000 cubic metres. SLC 91 3104 13 Financial Information Return.				
6.3 WASTEWATER INTEGRATED SYSTEM – EFFICIENCY				
	2004	2003	2002	2001
	\$501.25	\$473.15	\$479.41	\$N/A

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

Efficiency Measure

Operating costs for the collection, treatment and disposal of wastewater per megalitre (Integrated System).

Objective

Efficient wastewater system (Integrated System).

Notes

One megalitre equals 1,000,000 litres or 1,000 cubic metres.

SLC 91 3105 13 Financial Information Return.

6.4 WASTEWATER MAIN BACKUPS

	2004	2003	2002	2001	
	0.7353	1.1869	1.6845	0.3125	

Effectiveness Measure

Number of wastewater main backups per 100 kilometres of wastewater main in a year.

Objective

Municipal sewage management practices prevent environmental and human health hazards.

Notes

SLC 92 3154 07 Financial Information Return.

6.5 WASTEWATER BYPASSES TREATMENT

	2004	2003	2002	2001	
	0.0%	0.0%	N/A	N/A	

Effectiveness Measure

Percentage of wastewater estimated to have by-passed treatment.

Objective

Municipal sewage management practices prevent environmental and human health hazards.

Notes

SLC 92 3155 07 Financial Information Return.

Drinking Water

8.1 DRINKING WATER TREATMENT – EFFICIENCY					
	2004	2003	2002	2001	
	\$456.00	\$434.30	\$421.70	\$413.41	
Efficiency Measure Operating costs for the treatment of drinking water per megalitre.					
Objective Efficient municipal water treatment services.					
Notes					
1 megalitre equals 1,000,000 litres or 1,000 cubic metres. SLC 91 3303 13 Financial Information Return.					
8.2 DRINKING WATER DISTRIBUTION – EFFICIENCY					
	2004	2003			
	\$4,578.36	\$4,030.99			
Efficiency Measure Operating costs for the distribution of drinking water per kilometre of water distribution pipe.					
Objective Efficient municipal water distribution services.					
Notes					
In 2003, the denominator was changed so that connections and hydrants were included with total kilometres of water distribution pipe. Comparison is not possible with earlier years unless those results are recast. SLC 91 3306 13 Financial Information Return.					
8.3 DRINKING WATER INTEGRATED SYSTEM – EFFICIENCY					
	2004	2003	2002	2001	
	\$670.63	\$613.70	\$583.68	\$580.10	

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

Efficiency Measure Operating costs for the treatment and distribution of drinking water per megalitre. (Integrated System)
Objective Efficient municipal water system (Integrated System).
Notes
1 megalitre equals 1,000,000 litres or 1,000 cubic metres. SLC 91 3305 13 Financial Information Return.

8.4 BOIL WATER ADVISORIES					
	2004	2003	2002	2001	
	0.0	0.0	0.0	0.0	
Effectiveness Measure Weighted number of days when a boil water advisory issued by the Medical Officer of Health, applicable to a municipal water supply, was in effect.					
Objective Water is safe and meets local needs.					
Notes					
SLC 92 3355 07 Financial Information Return.					
8.5 BREAKS IN WATER MAINS					
	2004	2003	2002	2001	
	4.4643	4.6154	5.6878	4.6729	
Effectiveness Measure Number of water main breaks per 100 kilometres of water distribution pipe in a year.					
Objective Improve system reliability.					
Notes					
SLC 92 3356 07 Financial Information Return.					

Solid Waste Management (Garbage)

9.1 GARBAGE COLLECTION – EFFICIENCY					
	2004	2003	2002	2001	
	\$57.35	\$57.03	\$62.32	N/A	
Efficiency Measure Operating costs for garbage collection per tonne.					
Objective Efficient municipal garbage collection services.					
Notes					
SLC 91 3402 13 Financial Information Return.					
9.2 GARBAGE DISPOSAL – EFFICIENCY					
	2004	2003	2002	2001	
	\$0.00	\$2.84	\$55.74	N/A	
Efficiency Measure Operating costs for garbage disposal per tonne.					
Objective Efficient municipal garbage disposal services.					
Notes					
SLC 91 3502 13 Financial Information Return.					
9.3 SOLID WASTE DIVERSION (RECYCLING) – EFFICIENCY					
	2004	2003	2002	2001	
	\$135.71	\$142.80	\$216.21	N/A	
Efficiency Measure Operating costs for solid waste diversion (recycling) per tonne.					
Objective Efficient municipal solid waste diversion (recycling) services.					
Notes					
SLC 91 3602 13 Financial Information Return.					

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

9.4 SOLID WASTE MANAGEMENT (INTEGRATED SYSTEM) – EFFICIENCY					
	2004	2003	2002	2001	
	\$86.40	\$88.95	\$152.20	\$138.10	
Efficiency Measure Average operating costs for solid waste management (collection, disposal and diversion) per tonne or per household. (Specify)					
Objective Efficient municipal solid waste management (Integrated System).					
Notes					
SLC 91 3603 13 Financial Information Return.					
9.5 COMPLAINTS — COLLECTION OF GARBAGE AND RECYCLED MATERIALS					
	2004	2003	2002	2001	
	22.6663	58.3112	28.6715	22.3591	
Effectiveness Measure Number of complaints received in a year concerning the collection of garbage and recycled materials per 1,000 households.					
Objective Improved garbage collection of garbage and recycled materials.					
Notes					
SLC 92 3452 07 Financial Information Return.					

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

9.6 NUMBER OF MUNICIPAL SOLID WASTE MANAGEMENT FACILITIES					
	2004	2003	2002	2001	
	0	4	4	4	
Effectiveness Measure Total number of solid waste management facilities owned by municipality with a Ministry of Environment Certificate of Approval.					
Objective Context for solid waste management facility compliance measure.					
Notes					
SLC 92 3552 07 Financial Information Return.					
9.7 FACILITY COMPLIANCE					
Effectiveness Measure Number of days per year when a Ministry of Environment compliance order for remediation concerning an air or groundwater standard was in effect for a municipally owned solid waste management facility, by facility.					
Objective Municipal solid waste services do not have an adverse impact on environment.					
Facility Name	Days 2004	Days 2003	Days 2002	Days 2001	
	N/A	N/A	N/A	N/A	
Notes					
Facility Name: SLC 92 3553 03 to SLC 92 3560 03 Days: SLC 92 3553 07 to SLC 92 3560 07 List facilities in the order they appear in the 2004 FIR.					

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

9.8 DIVERSION OF RESIDENTIAL SOLID WASTE					
	2004	2003	2002	2001	
	37.1%	35.1%	34.61%	35.16%	
Effectiveness Measure Percentage of residential solid waste diverted for recycling.					
Objective Municipal solid waste reduction programs divert waste from landfills and/or incinerators.					
Notes					
SLC 92 3655 07 Financial Information Return.					

Parks and Recreation

10.1 PARKS – EFFICIENCY			
	2004		
	\$22.62		
Efficiency Measure Operating costs for parks per person.			
Objective Efficient operation of parks.			
Notes			
SLC 91 7101 13 Financial Information Return.			
10.2 RECREATION PROGRAMS – EFFICIENCY			
	2004		
	\$26.09		
Efficiency Measure Operating costs for recreation programs per person.			
Objective Efficient operation of recreation programs.			
Notes			
SLC 91 7201 13 Financial Information Return. This measure is based on total population, not the population participating in recreation programs.			
10.3 RECREATION FACILITIES – EFFICIENCY			
	2004		
	\$29.42		
Efficiency Measure Operating costs for recreation facilities per person.			
Objective Efficient operation of recreation facilities.			
Notes			
SLC 91 7301 13 Financial Information Return.			

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

10.4 PARKS, RECREATION PROGRAMS AND RECREATION FACILITIES (SUBTOTAL) – EFFICIENCY			
	2004		
	\$78.14		
Efficiency Measure Operating costs for parks, recreation programs and recreation facilities per person (Subtotal).			
Objective Efficient operation of parks, recreation programs and recreation facilities.			
Notes			
SLC 91 7302 13 Financial Information Return. This measure represents a subtotal and is automatically completed when a municipality reports one or more efficiency measures for parks and recreation.			
10.5 PARTICIPANT HOURS FOR RECREATION PROGRAMS			
	2004		
	17,478.279		
Effectiveness Measure Total participant hours for recreation programs per 1,000 persons.			
Objective Recreation programs serve needs of residents.			
Notes			
SLC 92 7255 07 Financial Information Return.			
The denominator of this measure is total population divided by 1,000 and does not represent the number of participants in recreation programs.			

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

10.6 OPEN SPACE			
	2004		
	1,096		
Effectiveness Measure Hectares of open space.			
Objective Open space is adequate for population.			
SLC 92 7151 05 Financial Information Return.			
	2004		
	4.258		
Effectiveness Measure Hectares of open space per 1,000 persons.			
SLC 92 7151 07 Financial Information Return.			
Notes			

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

10.7 TRAILS			
	2004		
	21		
Effectiveness Measure Total kilometres of trails.			
Objective Trails provide recreation opportunities.			
SLC 92 7152 05 Financial Information Return.			
	2004		
	0.082		
Effectiveness Measure Total kilometres of trails per 1,000 persons.			
SLC 92 7152 07 Financial Information Return.			
Notes			

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

10.8 RECREATION FACILITY SPACE			
	2004		
	107,055		
Effectiveness Measure Square metres of recreation facility space.			
Objective Recreation facility space is adequate for population.			
SLC 92 7355 05 Financial Information Return.			
	2004		
	415.878		
Effectiveness Measure Square metres of recreation facility space per 1,000 persons.			
SLC 92 7355 07 Financial Information Return.			
Notes			

Parks and Recreation

11.1 LIBRARY COSTS PER PERSON – EFFICIENCY			
	2004		
	\$31.44		
Efficiency Measure Operating costs for libraries per person.			
Objective Efficient library services.			
Notes			
SLC 91 7401 13 Financial Information Return.			
11.2 LIBRARY COSTS PER USE – EFFICIENCY			
	2004		
	\$1.30		
Efficiency Measure Operating costs for libraries per use.			
Objective Efficient library services			
Notes			
SLC 91 7402 13 Financial Information Return.			

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

11.3 LIBRARY USES			
	2004		
	24.241		
Effectiveness Measure Library uses per person.			
Objective Increased use of library services.			
Notes			
SLC 92 7460 07 Financial Information Return.			
11.4 ELECTRONIC LIBRARY USES			
	2004		
	19.3%		
Effectiveness Measure Electronic library uses as a percentage of total library uses.			
Objective Increased use of library services.			
Notes			
SLC 92 7461 07 Financial Information Return.			
11.5 NON-ELECTRONIC LIBRARY USES			
	2004		
	80.7%		
Effectiveness Measure Non-electronic library uses as a percentage of total library uses.			
Objective Better information on library usage.			
Notes			
SLC 92 7462 07 Financial Information Return.			

Land Use Planning

12.1 LOCATION OF NEW DEVELOPMENT					
	2004	2003	2002	2001	
	100.0%	100.0%	100.0%	100.0%	
Effectiveness Measure Percentage of new lots, blocks and/or units with final approval which are located within settlement areas.					
Objective New lot creation is occurring in settlement areas.					
Notes					
SLC 92 8154 07 Financial Information Return.					
12.2 PRESERVATION OF AGRICULTURAL LAND DURING 2004					
	2004	2003	2002	2001	
	91.8%	98.3%	100.0%	100.0%	
Effectiveness Measure Percentage of land designated for agricultural purposes which was not re-designated for other uses during the reporting year.					
Objective Preservation of agricultural land.					
Notes					
SLC 92 8163 07 Financial Information Return.					
12.3 PRESERVATION OF AGRICULTURAL LAND RELATIVE TO 2000					
	2004	2003	2002	2001	
	90.3%	98.3%	100.0%	100.0%	
Effectiveness Measure Percentage of land designated for agricultural purposes which was not re-designated for other uses relative to the base year of 2000.					
Objective Preservation of agricultural land.					
Notes					
SLC 92 8164 07 Financial Information Return.					

Town of Markham
Municipal Performance Measurement Program • 2004 RESULTS

12.4 CHANGE IN NUMBER OF AGRICULTURAL HECTARES DURING 2004					
	2004	2003	2002	2001	
	567	118	0	0	
Effectiveness Measure Number of hectares of land originally designated for agricultural purposes which was re-designated for other uses during the reporting year.					
Objective Preservation of agricultural land.					
Notes					
SLC 92 8165 07 Financial Information Return.					
12.5 CHANGE IN NUMBER OF AGRICULTURAL HECTARES SINCE 2000					
	2004	2003	2002	2001	
	685	118	0	0	
Effectiveness Measure Number of hectares of land originally designated for agricultural purposes which was re-designated for other uses since January 1, 2000.					
Objective Preservation of agricultural land.					
Notes					
SLC 92 8166 07 Financial Information Return.					