

TOWNSHIP OF ESSA 2005 EFFICIENCY MEASURES

	SERVICE AREA	Description	Data	Measure
1	GENERAL GOVERNMENT	Operating Costs for Governance and Corporate Management	509,093	6.20%
		Total Municipal Operating Costs	8,178,672	of Total Munic.Opt. costs were spent on Governance and Corp. Mgmt.
2	PROTECTION: FIRE SERVICES	Operating Costs for Fire Services	403,051	\$0.30
		Total Property Assessment / \$1,000	1,347,653	per \$1000 assessment
3	PROTECTION: POLICE SERVICES	Operating Costs for Police Services	1,847,306	\$114.72
		Total Populaton	16,103	per person
4	ROADWAYS: PAVED ROADS	Operating Costs for Paved Roads	251,877	\$758.67
		Total Paved Lane km	332	per paved lane km.
5	ROADWAYS: UNPAVED ROADS	Operating Costs for Unpaved Roads	153,481	\$1,434.40
		Total Unpaved Lane km	107	per unpaved lane km.
6	ROADWAYS: WINTER CONTROL	Operating Costs for Winter Control	402,107	\$915.96
		Total Lane km maintained in Winter	439	per lane km maintained in winter
7	WASTEWATER: COLLECTION	Operating Costs for Wastewater Collection	111,947	\$2,238.94
		Total kilometres of Wastewater Mains + .010km x # of connections	50	per km of wastewater main
8	WASTEWATER: TREATMENT & DISPOSAL	Operating Costs for Wastewater Treatment and Disposal	447,785	\$520.38
		Total megalitres of Wastewater Treated	860.494	per megalitre
9	WASTEWATER: COLLECTION, TREATMENT & DISPOSAL	Operating Costs for Wastewater Collection, Treatment and Disposal	559,732	\$650.48
		Total megalitres of Wastewater Treated	860.494	per megalitre
10	WATER: TREATMENT OF DRINKING WATER	Operating Costs for Treatment of Drinking Water	292,763	\$363.59
		Total megalitres of Drinking Water Treated	805.196	per megalitre
11	WATER: DISTRIBUTION OF DRINKING WATER	Operating Costs for Distribution of Drinking Water	195,175	\$2,828.62
		Total kilometres of Water Distribution Pipe + .010km x # of connections + .005km x # of hydrants	69.0	per km of water dist.pipe
12	WATER: TREATMENT & DISTRIBUTION OF DRINKING WATER	Operating Costs for Treatment and Distribution of Drinking Water	487,938	\$605.99
		Total megalitres of Drinking Water Treated	805.196	per megalitre

	SERVICE AREA	Description	Data	Measure
13	PARKS & RECREATION: PARKS	Operating Costs for Parks	198,693	\$12.34
		Total Population	16,103	per person
14	PARKS & RECREATION: RECREATION PROGRAMS	Operating Costs for Recreation Programs	82,147	\$5.10
		Total Population	16,103	per person
15	PARKS & RECREATION: RECREATION FACILITIES	Operating Costs for Recreation Facilities	639,974	\$39.74
		Total Populaton	16,103	per person
16	PARKS & RECREATION: TOTAL PARKS, RECREATION PROGRAMS & FACILITIES	Total Costs for all Parks & Recreation	920,814	\$57.18
		Total Population	16,103	per person
17	LIBRARY SERVICES: COST PER PERSON	Operating Costs for Library Services	356,082	\$22.11
		Total Population	16,103	per person
18	LIBRARY SERVICES: COST PER USE	Operating Costs for Library Services	356,082	\$2.67
		Total Library Uses	133,506	per library use

	Service Area	Description	Data	Measure
1	POLICE: VIOLENT CRIME	Total number of actual incidents of violent crime	105	6.52
		Total Population / 1,000	16.103	per 1,000 persons
2	POLICE: PROPERTY CRIME	Total number of actual incidents of property crime	217	13.48
		Total Population / 1,000	16.103	per 1,000 persons
3	POLICE: OTHER CRIMINAL CODE	Total number of actual incidents of other Criminal Code offences, excluding traffic	243	15.09
		Total Population / 1,000	16.103	per 1,000 persons
4	POLICE: TOTAL CRIME RATE	Total number of actual incidents of violent crime, property crime, and other Criminal Code offences, excluding traffic	565	35.09
		Total Population / 1,000	16.103	per 1,000 persons
5	POLICE: YOUTHS CHARGED	Total number of youths charged	48	29.63
		Youth Population / 1,000	1.620	per 1,000 youths
6	ROADWAYS: ADEQUACY OF ROADS	Number of paved lane kilometres where the condition is rated as good to very good	278	87.40%
		Total number of paved lane kilometres tested	318	
7	ROADWAYS: SNOW & ICE CONTROL	Number of winter events where the response met or exceeded locally determined road maintenance standards	41	100.00%
		Total number of winter events	41	
8	WASTEWATER: MAIN BACKUPS	Total number of backed up wastewater connections	4	13.4228
		Total kilometres of wastewater main / 100	0.30	per 100km of main
9	WASTEWATER: BYPASSES TREATMENT	Estimated megalitres of untreated wastewater	0.010	0.10%
		Total megalitres of treated wastewater PLUS Total megalitres of untreated wastewater	860.504	bypassed treatment
10	WATER: BOIL WATER ADVISORIES	Summation of: Number of boil water days times the number of connections affected	0	0.0000
		Total connections in the service area	2,867	boil water advisory
11	WATER: MAIN BREAKS	Number of water main breaks in a year	2	5.0251
		Total kilometres of water distribution pipe / 100	0.40	per 100 km of pipe
12	LAND USE PLANNING (LUP): LOCATION OF NEW DEVELOPMENT	Number of new lots, blocks and/or units with final approval which are located within settlement areas	480	98.40%
		Total number of new lots, blocks and/or units with final approval within the entire municipality	488	
13	LUP: PRESERVATION OF AGRICULTURAL LAND THIS YEAR	Hectares of land designated for agricultural purposes in the Official Plan as of December 31, 2004	14,585	100.00%
		Hectares of land designated for agricultural purposes in the Official Plan as of January 1, 2004	14,585	
14	LUP: PRESERVATION OF AGRICULTURAL LAND RELATIVE TO BASE YR.	Hectares of land designated for agricultural purposes in the Official Plan as of December 31, 2004	14,586	99.00%
		Hectares of land designated for agricultural purposes in the Official Plan as of January 1, 2000	14,731	

TOWNSHIP OF ESSA 2005 EFFECTIVENESS MEASURES (con't) Page 2

15	PARKS & RECREATION	Total hectares of Open Space	41.000	2.546
	OPEN SPACE	Total population / 1000	61.103	hectares/1000 persons
16	PARKS & RECREATION	Total kilometres of trails	3	0.186
	TRAILS	Total population / 1000	61.103	kms/1000 persons
17	PARKS & RECREATION	Total participant hours for recreation programs (registered, drop-in, and permitted programs)	225,241	13,987.518
	PARTICIPANT HOURS FOR PROGRAMS	Total population / 1000	16.103	hours/1000 persons
18	PARKS & RECREATION	Square metres of recreation facility space	8,470	525.989
	RECREATION FACILITY SPACE	Total population / 1000	16.103	square M/1000 pers.
19	LIBRARY SERVICES	Total Library Uses	133,506	8.29%
	LIBRARY USE PER PERSON	Total population	16,103	library uses per person
20	LIBRARY USES: ELECTRONIC	Electronic library uses as a % of total library uses	8,400	6.30%
21	LIBRARY USES: NON-ELECTRONIC	Non-electronic library uses as a % of total library uses	125,106	93.70%

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