2002 Residential Waste Flow Chart - NIAGARA, REGIONAL MUNICIPALITY OF

Created: October 7, 2004
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A.1 Residential On-Property Management

	Tonnes
BYC	6,383
grasscycling	475
evaportranspiration	0
garborators	0
open burning	0
burning in fireplaces	0

A.2 Population & Household Data

SF Pop =	0
MF Pop =	0
Total Population	**424,900**
SF Hhld =	140,805
MF Hhld =	29,723
Total Households	**170,528**

SUMMARY - RESIDENTIAL WASTE

Population	424,900
Households	170,528
Residential Waste Gen. (tonnes)	177,196
Residential Waste Gen. (kg/cap)	417
Residential Waste Div. (tonnes)	68,400
Residential Waste Div (kg/cap)	161
Residential Waste Dis (tonnes)	108,796
Residential Waste Dis. (kg/cap)	256
Current Flow Div. (%)	**38.6%**

B.1 Residential Component Deposit, Return & Stewardship Program

1,111 Tonnes

B.2 Residential Reuse

64 Tonnes

B.3 Curbside Residential Recyclables Collection

29,498 Tonnes

B.4 Curbside Residential

	Tonnes
Yard Waste	13,348
Fall Leaf	0
X-mas trees	0
Bulky/Oversized Yard Waste	0
Hhld Organics	0

B.5 Residential Bulky & Special Waste Collection

	Tonnes
HSW	0
Bulky Goods	0
White Goods	768
Scrap Metal	0
Tires	0
Other	0

B.6 Residential Drop Off at Depots, Transfer or Disposal Site

	Tonnes
Garbage	10,994
Recyclables	237
Source Separating Org	10,400
X-mas trees	0
Leaf and Yard Waste	0
Bulky/Oversized Yard Waste	0
C&D	7,480
HSW	707
Bulky Items	0
White Goods	417
Scrap Metal	1,607
Tires	238
Electronics	57
Other	0

B.7 Curbside Residential Garbage Collection

93,469 Tonnes

B.8 Wet Curbside Collection

0 Tonnes

B.9 Dry Curbside Collection

0 Tonnes

C.1 Residential Component of Deposit, Return and Stewardship System Processing

	Tonnes
Processed	1,111
Product Marketed	1,111
Residue %	0%
Residue	0

C.2 Residential Recyclables Processing

	Tonnes
Processed	38,221
Product Marketed	34,380
Deposit Containers	0
Residue %	10%
Residue	3,841

C.3 Residential Organics Processing

	Tonnes
Processed	23,748
Compost Product	1,109
Residue %	1%
Residue	216
Moist/Gas By-Product	22,423

C.4 Additional Processing to Increase Residential Waste Diversion At Landfill of Transfer Station

	Tonnes
Brush	0
Compostables	0
C & D	0
Recyclables	0
Tires	0
Other	0
Onsite Burning	0
Moisture/Vol Loss	0
Residue	0

C.5 HSW Treatment /Reuse/Recycling

	Tonnes
Processed	707
Recycling	389
Reuse	42
Disposal	276

C.6 Residential Waste Incineration & EFW

Waste In	0
Rejects	0
Moisture/Vol. Loss	0
Residual/Bottom Ash	0
Fly Ash	0
Recyclables Diverted	0

C.7 Residential Mixed Waste Processing

	Tonnes
Processed	0
Recyclables Marketed	0
Deposit Containers	0
Compost Product	0
Residue	0
Moist/Gas By-Product	0

D.1 Residential Component of Deposit, Return & Stewardship Programs

1,111 Tonnes
3 kg/cap
0.6%

D.2 Residential Reuse

64 Tonnes
0 kg/cap
0.0%

D.3 Residential on Property Management

	Tonnes	kg/cap
BYC	6,383	15.023
grasscycling	475	1.1178
evapotranspiration	0	0
Total	6,858	16.141
Diversion %	3.9%	

D.4 Residential Recyclables Diverted

36,404 Tonnes
85.7 kg/cap
20.5%

D.5 Residential Organics Diverted

23,532 Tonnes
55.4 kg/cap
13.3%

D.6 HSW Treatment/Reuse/Recycling

431 Tonnes
1.0 kg/cap
0.2%

Diversion

D.7 Residential EFW Mass Reduction

0 Tonnes
0.0 kg/cap
0.0%

Recovery

D.8 Hazardous Waste Disposal

	Tonnes	kg/cap
Disposal	276	
Fly Ash	0	
Total	276	1
Diversion %	0.2%	

D.9 Landfill of Residential Waste

	Tonnes	kg/cap
Garbage	104,463	
EFW Ash/Residue	0	
Proc. Residues	4,057	
Bulky Goods	0	
Total	108,520	255
Diversion %	0.0%	

D.10 Other Disposal or Residential Waste

0 Tonnes
0 kg/cap
0.0%

Disposal