

**NEWBY ISLAND LANDFILL
WASTE CHARACTERIZATION STUDY (1998)
RESIDENTIAL**

FIRST SEASON SORT

AVERAGE PERCENT BY WEIGHT

COMPONENT	Multiple Family Front Loaders	Multiple Family Compactors	Cart-Cart	Single Family
PAPER	28.43	33.56	25.72	31.60
Uncoated Corrugated Cardboard	3.87	2.31	0.91	1.22
Paper Bags	0.73	0.66	0.79	1.20
Newspaper	4.79	7.11	2.93	3.35
White Ledger	0.71	1.29	1.00	1.14
Colored Paper	0.17	0.19	0.18	0.18
Computer Paper	0.01	0.03	0.00	0.01
Other Office Paper	1.30	2.21	1.08	1.62
Magazines and Catalogs	2.48	2.61	1.75	2.60
Phone books and directories	0.76	0.14	0.06	0.10
Hard Cover Books	0.17	0.00	0.25	0.02
Soft Cover Books	0.17	0.35	0.27	0.26
Other Miscellaneous Paper (not books)	3.60	5.31	2.90	3.22
Waxed Coated Milk Cartons	0.26	0.26	0.31	0.19
Aseptic Containers	0.03	0.02	0.03	0.05
Other Remainder/Composite Paper	9.39	11.06	13.25	16.45
GLASS	4.43	10.96	4.92	3.03
Clear Glass Bottles and Containers (CRV)	0.68	0.42	0.61	0.25
Clear Glass Bottles and Containers (Non-CRV)	1.93	3.57	2.18	1.65
Green Glass Bottles and Containers (CRV)	0.35	0.10	0.21	0.07
Green Glass Bottles and Containers (Non-CRV)	0.17	0.28	0.13	0.19
Brown Glass Bottles and Containers (CRV)	0.64	2.98	1.09	0.29
Brown Glass Bottles and Containers (Non-CRV)	0.22	0.22	0.17	0.15
Other Colored Glass Bottles and Containers (CRV)	0.04	0.02	0.03	0.02
Other Colored Glass Bottles and Containers (Non-CRV)	0.09	0.00	0.04	0.03
Flat Glass	0.02	0.17	0.30	0.02
Remainder/Composite Glass	0.28	3.20	0.18	0.38
PLASTIC	12.19	8.97	11.10	13.15
Narrow-mouth HDPE containers	0.92	0.72	0.66	0.54
Wide-mouth HDPE containers	0.18	0.10	0.56	0.10
Narrow-mouth PET containers (CRV)	0.25	0.27	0.29	0.13
Narrow-mouth PET containers (non-CRV)	0.37	0.34	0.31	0.26
Wide-mouth PET containers	0.04	0.01	0.21	0.04
Miscellaneous Plastic containers	0.48	0.52	0.48	0.32
Food, dry cleaning and grocery bags	3.32	2.58	3.45	4.71
Other Durable Plastic Items	2.25	1.10	1.29	1.94
Plastic objects No. 1-7	0.45	0.15	0.12	0.17
Other Remainder/Composite Plastic	2.89	2.41	2.46	3.94
Foam block and peanut packaging	0.08	0.03	0.03	0.08
Foam food packaging	0.52	0.46	0.64	0.68
Other film plastic	0.44	0.30	0.60	0.25
METAL	7.49	5.62	7.38	4.40
Empty Aerosol Cans, paint	0.01	0.00	0.05	0.00

Empty Aerosol Cans, other	0.17	0.17	0.15	0.16
Empty Paint Cans, Non-Aerosol	0.23	0.03	0.00	0.16
Bimetal cans w/ aluminum tops (CRV)	0.03	0.00	0.00	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.14	0.00	0.07	0.21
Other Tin/Steel Cans(CRV)	0.04	0.00	0.02	0.01
Other Tin/Steel Cans (Non-CRV)	1.06	1.55	1.20	1.05
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.00	0.00	0.00	0.00
Stainless Steel Items	0.03	0.07	0.05	0.00
Hangers	0.16	0.08	0.22	0.25
Remainder Other Ferrous	2.00	2.27	0.73	0.44
Aluminum Cans (CRV)	0.33	0.72	0.27	0.25
Aluminum Cans (Non-CRV)	0.10	0.22	0.39	0.09
Aluminum Foil	0.19	0.19	0.21	0.36
Remainder Other Non-Ferrous	0.31	0.05	0.17	0.20
Brown Goods	1.09	0.00	1.47	0.71
Computer Components	0.00	0.00	1.78	0.01
Other Remainder/Composite Metal	1.61	0.27	0.61	0.50
OTHER ORGANIC	35.93	37.52	43.16	41.38
Compostable Food w/ yard trimmings	3.91	1.32	3.16	3.09
Other Remainder/Composite Food	16.09	18.77	20.37	21.61
Leaves and Grass	1.73	1.13	3.15	0.72
Prunings and Trimmings	2.28	6.73	0.90	1.04
Branches and Stumps	0.26	0.00	0.00	0.32
Agricultural Crop Residues	0.00	0.00	0.00	0.00
Manures	0.81	0.71	2.72	0.83
Shoes and Boots	0.51	0.27	0.66	0.68
Carpet and Carpet Padding	0.49	0.00	0.45	0.91
Disposable Diapers	4.61	4.48	7.32	7.55
Other Remainder/Composite Organics	1.28	1.62	1.74	1.91
Textiles	3.96	2.48	2.70	2.72
CONSTRUCTION/DEMOLITION (C & D)	6.69	1.15	1.73	3.11
Concrete	0.07	0.00	0.00	0.07
Asphalt Paving	0.00	0.00	0.00	0.00
Asphalt Roofing	0.00	0.00	0.00	0.01
Lumber	4.39	0.38	0.69	1.44
Gypsum Board	0.26	0.00	0.00	0.24
Other rock, soil, and fines	1.38	0.68	0.65	0.83
Contaminated Soil	0.14	0.00	0.00	0.00
Toilets	0.00	0.00	0.00	0.00
Other Remainder/Composite C & D	0.46	0.09	0.39	0.52
HOUSEHOLD HAZARDOUS WASTE	0.42	0.47	1.73	0.52
Latex Paint	0.08	0.00	0.41	0.00
Oil-based Paint	0.04	0.00	0.00	0.00
Other Paint	0.00	0.00	0.00	0.00
Antifreeze	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.02
Motor Oil	0.02	0.00	0.00	0.00
Other Used Oil	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.00	0.00	0.01

Household & Other Small Dry Cell Batteries	0.13	0.06	0.21	0.16
Oil Filters	0.01	0.00	0.00	0.10
Pesticides	0.00	0.00	0.00	0.01
Other Remainder/Composite HHW	0.13	0.41	1.11	0.22
SPECIAL WASTE	2.92	1.31	1.80	0.57
Ash	0.08	0.00	0.00	0.09
Sewage Solids	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00
Treated Medical Waste	0.01	0.16	0.23	0.02
Mattresses and Box Springs	0.70	0.00	0.00	0.08
Upholstered Furniture, Other	0.38	0.00	0.00	0.00
Furniture, Other	0.35	0.78	1.57	0.00
Other Bulky Items	0.60	0.37	0.00	0.30
Tires	0.72	0.00	0.00	0.00
Remainder/Composite Special Waste	0.09	0.00	0.00	0.07
Mixed Residue	1.51	0.44	2.45	2.24
Total	100.00	100.00	100.00	100.00

SECOND SEASON SORT**AVERAGE PERCENT BY WEIGHT**

COMPONENT	Multiple Family Front Loaders	Multiple Family Compactors	Cart-Cart	Single Family
PAPER	31.64	37.29	31.27	30.71
Uncoated Corrugated Cardboard	1.74	4.88	1.11	1.21
Paper Bags	0.64	0.67	1.09	0.72
Newspaper	5.30	8.15	4.01	2.57
White Ledger Paper (office)	2.41	0.64	0.53	0.70
Colored Paper (office)	0.18	0.12	0.26	0.15
Computer Paper (office)	0.18	0.01	0.02	0.01
Other Office Paper	2.18	2.34	2.16	1.72
Magazines and Catalogs (Misc. Paper)	2.42	3.48	3.41	2.79
Phone books and directories (Misc)	0.95	0.78	0.22	0.15
Hard Cover Books (Misc)	0.03	0.00	0.28	0.02
Soft Cover Books (Misc)	0.45	0.24	0.18	0.04
Other Miscellaneous Paper	2.54	2.67	2.34	2.19
Waxed Coated Milk Cartons (R/C)	0.25	0.38	0.29	0.24
Aseptic Containers (R/C)	0.06	0.08	0.09	0.09
Other Remainder/Composite Paper	12.30	12.85	15.29	18.12
GLASS	5.22	6.32	6.10	2.46
Clear Glass Bottles and Containers (CRV)	1.04	0.73	1.92	0.31
Clear Glass Bottles and Containers (Non-CRV)	1.95	2.68	1.83	1.09
Green Glass Bottles and Containers (CRV)	0.73	0.51	0.02	0.15
Green Glass Bottles and Containers (Non-CRV)	0.37	0.87	0.38	0.22
Brown Glass Bottles and Containers (CRV)	0.79	1.28	1.40	0.39
Brown Glass Bottles and Containers (Non-CRV)	0.09	0.04	0.02	0.07
Other Colored Glass Bottles and Containers (CRV)	0.00	0.00	0.00	0.00
Other Colored Glass Bottles and Containers (Non-CRV)	0.05	0.04	0.03	0.00
Flat Glass	0.04	0.00	0.00	0.04
Remainder/Composite Glass	0.16	0.19	0.49	0.19
PLASTIC	10.99	13.01	12.52	13.13

Narrow-mouth HDPE containers	0.67	0.87	0.80	0.48
Wide-mouth HDPE containers	0.11	0.11	0.22	0.13
Narrow-mouth PET containers (CRV)	0.23	0.24	0.29	0.17
Narrow-mouth PET containers (non-CRV)	0.40	0.60	0.51	0.26
Wide-mouth PET containers	0.04	0.10	0.05	0.02
Miscellaneous Plastic containers	0.05	0.11	0.30	0.09
Food, dry cleaning and grocery bags (Film)	3.42	4.75	3.00	5.25
Other film plastic	0.70	0.45	0.42	1.19
Plastic objects No. 1-7	0.20	0.05	0.06	0.10
Other Durable Plastic Items	2.59	1.69	2.08	1.68
Foam block and peanut packaging	0.25	0.23	0.04	0.25
Foam food packaging	0.37	0.39	0.83	0.72
Other Remainder/Composite Plastic	1.95	3.43	3.92	2.80
METAL	6.93	7.78	5.17	6.25
Empty Aerosol Cans, paint	0.01	0.00	0.00	0.00
Empty Aerosol Cans, other	0.17	0.24	0.27	0.29
Empty Paint Cans, Non-Aerosol	0.00	0.07	0.14	0.06
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.00	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.02	0.13	0.02	0.01
Other Tin/Steel Cans(CRV)	0.10	0.02	0.00	0.05
Other Tin/Steel Cans (Non-CRV)	1.36	1.34	1.63	1.74
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.00	0.00	0.00	0.00
Stainless Steel Items	0.02	0.00	0.26	0.03
Hangers	0.08	0.23	0.13	0.07
Remainder Other Ferrous	2.61	1.28	0.82	1.06
Aluminum Cans (CRV)	0.58	0.82	0.75	0.47
Aluminum Cans (Non-CRV)	0.01	0.13	0.10	0.03
Aluminum Foil	0.33	0.20	0.47	0.33
Remainder Other Non-Ferrous	0.07	0.23	0.17	0.17
Brown Goods	0.97	3.05	0.33	1.26
Computer Components	0.25	0.00	0.00	0.65
Other Remainder/Composite Metal	0.35	0.05	0.08	0.03
OTHER ORGANIC	39.60	28.76	42.13	43.83
Compostable Food w/ yard trimmings	6.85	4.88	4.96	8.12
Other Remainder/Composite Food	12.76	12.97	17.95	17.59
Leaves and Grass	1.11	1.54	3.74	1.23
Prunings and Trimmings	2.08	0.16	0.96	1.41
Branches and Stumps	2.01	0.00	0.00	0.22
Agricultural Crop Residues	0.00	0.00	0.00	0.00
Manures	0.77	0.70	1.87	0.60
Textiles	5.34	3.31	3.52	4.46
Shoes and Boots	1.18	0.84	1.05	1.17
Carpet and Carpet Padding	1.35	0.11	0.25	1.21
Disposable Diapers	5.74	3.53	6.94	7.24
Other Remainder/composite Organics	0.42	0.72	0.90	0.59
CONSTRUCTION/DEMOLITION (C & D)	3.06	2.94	0.75	1.30
Concrete	0.35	0.45	0.00	0.27
Asphalt Paving	0.00	0.00	0.00	0.00
Asphalt Roofing	0.12	0.02	0.00	0.14
Painted Lumber	0.83	1.16	0.34	0.28
Non-painted Lumber	0.75	0.34	0.01	0.28

Painted Gypsum Board	0.58	0.25	0.00	0.07
Non-painted Gypsum Board	0.00	0.00	0.00	0.00
Contaminated Soil	0.00	0.00	0.00	0.00
Other Rock, Soil, and Fines	0.01	0.04	0.27	0.00
Toilets	0.00	0.20	0.00	0.00
Other Remainder/Composite C & D	0.41	0.47	0.13	0.26
HOUSEHOLD HAZARDOUS WASTE	0.32	0.40	0.83	0.21
Latex Paint	0.00	0.05	0.05	0.00
Oil-based Paint	0.00	0.00	0.10	0.00
Other Paint	0.02	0.01	0.08	0.03
Antifreeze	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.00
Motor Oil	0.00	0.00	0.00	0.00
Other Used Oil	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.19	0.11	0.24	0.15
Oil Filters	0.00	0.00	0.07	0.00
Pesticides	0.00	0.00	0.00	0.02
Other Remainder/Composite HHW	0.10	0.23	0.28	0.02
SPECIAL WASTE	0.92	2.66	0.56	1.22
Ash	0.00	0.00	0.00	0.00
Sewage Solids	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00
Treated Medical Waste	0.08	0.14	0.26	0.45
Mattresses and Box Springs	0.00	0.00	0.00	0.00
Upholstered Furniture, Other	0.09	0.00	0.00	0.00
Furniture, Other	0.13	0.00	0.00	0.04
Other Bulky Items	0.60	0.47	0.29	0.72
Tires	0.00	2.05	0.00	0.00
Remainder/Composite Special Waste	0.02	0.00	0.00	0.00
Mixed Residue	1.31	0.84	0.66	0.88
Total	100.00	100.00	100.00	100.00

BOTH SEASONS

	Multiple Family Front Loaders	Multiple Family Compactors	Cart-Cart	Single Family	TOTAL
Percent Contribution (provided by City of San Jose)	28.30%	0.48%	1.02%	70.20%	100.00%

COMPONENT	Multiple Family Front Loaders	Multiple Family Compactors	Cart-Cart	Single Family	WEIGHTED AVERAGE
PAPER	30.04	35.43	28.50	31.16	30.83
Uncoated Corrugated Cardboard	2.81	3.60	1.01	1.22	1.67
Paper Bags	0.68	0.67	0.94	0.96	0.88
Newspaper	5.04	7.63	3.47	2.96	3.58
White Ledger	1.56	0.96	0.77	0.92	1.10
Colored Paper	0.17	0.15	0.22	0.16	0.17

Computer Paper	0.09	0.02	0.01	0.01	0.03
Other Office Paper	1.74	2.27	1.62	1.67	1.69
Magazines and Catalogs	2.45	3.04	2.58	2.70	2.63
Phone books and directories	0.86	0.46	0.14	0.12	0.33
Hard Cover Books	0.10	0.00	0.26	0.02	0.04
Soft Cover Books	0.31	0.30	0.22	0.15	0.20
Other Miscellaneous Paper (not books)	3.07	3.99	2.62	2.70	2.81
Waxed Coated Milk Cartons	0.25	0.32	0.30	0.22	0.23
Aseptic Containers	0.05	0.05	0.06	0.07	0.06
Other Remainder/Composite Paper	10.85	11.96	14.27	17.29	15.41
GLASS	4.83	8.64	5.51	2.74	3.39
Clear Glass Bottles and Containers (CRV)	0.86	0.57	1.26	0.28	0.46
Clear Glass Bottles and Containers (Non-CRV)	1.94	3.12	2.00	1.37	1.55
Green Glass Bottles and Containers (CRV)	0.54	0.30	0.12	0.11	0.23
Green Glass Bottles and Containers (Non-CRV)	0.27	0.57	0.25	0.20	0.22
Brown Glass Bottles and Containers (CRV)	0.72	2.13	1.25	0.34	0.47
Brown Glass Bottles and Containers (Non-CRV)	0.16	0.13	0.10	0.11	0.12
Other Colored Glass Bottles and Containers (CRV)	0.02	0.01	0.01	0.01	0.01
Other Colored Glass Bottles and Containers (Non-CRV)	0.07	0.02	0.04	0.01	0.03
Flat Glass	0.03	0.08	0.15	0.03	0.03
Remainder/Composite Glass	0.22	1.69	0.34	0.28	0.27
PLASTIC	11.59	10.99	11.81	13.14	12.68
Narrow-mouth HDPE containers	0.79	0.79	0.73	0.51	0.59
Wide-mouth HDPE containers	0.14	0.11	0.39	0.11	0.12
Narrow-mouth PET containers (CRV)	0.24	0.25	0.29	0.15	0.18
Narrow-mouth PET containers (non-CRV)	0.39	0.47	0.41	0.26	0.30
Wide-mouth PET containers	0.04	0.05	0.13	0.03	0.03
Miscellaneous Plastic containers	0.27	0.31	0.39	0.21	0.23
Food, dry cleaning and grocery bags	3.37	3.66	3.23	4.98	4.50
Other Durable Plastic Items	2.42	1.39	1.68	1.81	1.98
Plastic objects No. 1-7	0.33	0.10	0.09	0.13	0.19
Other Remainder/Composite Plastic	2.42	2.92	3.19	3.37	3.10
Foam block and peanut packaging	0.17	0.13	0.04	0.17	0.16
Foam food packaging	0.45	0.43	0.74	0.70	0.63
Other film plastic	0.57	0.37	0.51	0.72	0.68
METAL	7.21	6.70	6.28	5.32	5.87
Empty Aerosol Cans, paint	0.01	0.00	0.03	0.00	0.00
Empty Aerosol Cans, other	0.17	0.21	0.21	0.23	0.21
Empty Paint Cans, Non-Aerosol	0.11	0.05	0.07	0.11	0.11
Bimetal cans w/ aluminum tops (CRV)	0.02	0.00	0.00	0.00	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.08	0.06	0.05	0.11	0.10
Other Tin/Steel Cans(CRV)	0.07	0.01	0.01	0.03	0.04
Other Tin/Steel Cans (Non-CRV)	1.21	1.44	1.41	1.40	1.35
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.00	0.00	0.00	0.00	0.00
Stainless Steel Items	0.02	0.04	0.15	0.02	0.02
Hangers	0.12	0.16	0.18	0.16	0.15
Remainder Other Ferrous	2.30	1.77	0.77	0.75	1.19
Aluminum Cans (CRV)	0.46	0.77	0.51	0.36	0.39
Aluminum Cans (Non-CRV)	0.06	0.18	0.25	0.06	0.06
Aluminum Foil	0.26	0.19	0.34	0.35	0.32
Remainder Other Non-Ferrous	0.19	0.14	0.17	0.18	0.18
Brown Goods	1.03	1.52	0.90	0.98	1.00
Computer Components	0.13	0.00	0.89	0.33	0.28
Other Remainder/Composite Metal	0.98	0.16	0.34	0.26	0.47
OTHER ORGANIC	37.76	33.14	42.65	42.61	41.19
Compostable Food w/ yard trimmings	5.38	3.10	4.06	5.61	5.51
Other Remainder/Composite Food	14.42	15.87	19.16	19.60	18.11
Leaves and Grass	1.42	1.33	3.44	0.98	1.13

Prunings and Trimmings	2.18	3.45	0.93	1.23	1.50
Branches and Stumps	1.13	0.00	0.00	0.27	0.51
Agricultural Crop Residues	0.00	0.00	0.00	0.00	0.00
Manures	0.79	0.71	2.30	0.71	0.75
Shoes and Boots	0.85	0.56	0.86	0.93	0.90
Carpet and Carpet Padding	0.92	0.05	0.35	1.06	1.01
Disposable Diapers	5.17	4.00	7.13	7.39	6.75
Other Remainder/Composite Organics	0.85	1.17	1.32	1.25	1.14
Textiles	4.65	2.90	3.11	3.59	3.88
CONSTRUCTION/DEMOLITION (C & D)	4.88	2.04	1.24	2.20	2.95
Concrete	0.21	0.22	0.00	0.17	0.18
Asphalt Paving	0.00	0.00	0.00	0.00	0.00
Asphalt Roofing	0.06	0.01	0.00	0.07	0.07
Lumber	2.99	0.94	0.52	1.00	1.56
Gypsum Board	0.42	0.13	0.00	0.15	0.23
Other rock, soil, and fines	0.69	0.36	0.46	0.41	0.49
Contaminated Soil	0.07	0.00	0.00	0.00	0.02
Toilets	0.00	0.10	0.00	0.00	0.00
Other Remainder/Composite C & D	0.44	0.28	0.26	0.39	0.40
HOUSEHOLD HAZARDOUS WASTE	0.37	0.44	1.28	0.37	0.38
Latex Paint	0.04	0.03	0.23	0.00	0.01
Oil-based Paint	0.02	0.00	0.05	0.00	0.01
Other Paint	0.01	0.00	0.04	0.01	0.01
Antifreeze	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.01	0.01
Motor Oil	0.01	0.00	0.00	0.00	0.00
Other Used Oil	0.00	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.00	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.16	0.09	0.23	0.15	0.16
Oil Filters	0.01	0.00	0.04	0.05	0.04
Pesticides	0.00	0.00	0.00	0.01	0.01
Other Remainder/Composite HHW	0.12	0.32	0.70	0.12	0.13
SPECIAL WASTE	1.92	1.98	1.18	0.90	1.19
Ash	0.04	0.00	0.00	0.05	0.04
Sewage Solids	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00
Treated Medical Waste	0.04	0.15	0.25	0.24	0.18
Mattresses and Box Springs	0.35	0.00	0.00	0.04	0.13
Upholstered Furniture, Other	0.24	0.00	0.00	0.00	0.07
Furniture, Other	0.24	0.39	0.79	0.02	0.09
Other Bulky Items	0.60	0.42	0.15	0.51	0.53
Tires	0.36	1.03	0.00	0.00	0.11
Remainder/Composite Special Waste	0.06	0.00	0.00	0.04	0.04
Mixed Residue	1.41	0.64	1.55	1.56	1.51
TOTAL	100.00	100.00	100.00	100.00	100.00

**NEWBY ISLAND LANDFILL
WASTE CHARACTERIZATION STUDY (1998)
COMMERCIAL**

FIRST SEASON SORT**AVERAGE PERCENT BY WEIGHT**

COMPONENT	Front Loaders	Compactors	Roll-off Boxes	All other Commercial	Self-Haul
PAPER	34.84	37.61	14.15	3.03	6.43
Uncoated Corrugated Cardboard	4.83	13.80	1.85	0.58	0.54
Paper Bags	0.56	0.70	0.14	0.51	0.29
Newspaper	3.37	1.65	1.21	0.02	0.08
White Ledger	3.39	2.41	1.18	0.34	0.31
Colored Paper	0.30	0.24	0.02	0.00	0.00
Computer Paper	0.69	0.80	0.00	0.00	0.35
Other Office Paper	2.13	0.49	0.88	0.23	0.00
Magazines and Catalogs	2.71	1.37	0.30	0.01	0.17
Phone books and directories	0.58	0.16	0.00	0.04	0.00
Hard Cover Books	0.36	1.11	0.00	0.00	0.85
Soft Cover Books	0.49	0.71	0.00	0.00	0.36
Other Miscellaneous Paper (not books)	2.21	3.68	0.90	0.32	0.47
Waxed Coated Milk Cartons	0.28	0.05	0.04	0.00	0.04
Aseptic Containers	0.11	0.02	0.00	0.00	0.00
Other Remainder/Composite Paper	12.83	10.41	7.61	0.98	2.96
GLASS	2.79	1.63	2.43	1.17	2.01
Clear Glass Bottles and Containers (CRV)	0.80	0.16	0.02	0.10	0.19
Clear Glass Bottles and Containers (Non-CRV)	0.96	0.90	0.17	0.03	0.06
Green Glass Bottles and Containers (CRV)	0.18	0.05	0.03	0.01	0.08
Green Glass Bottles and Containers (Non-CRV)	0.16	0.06	0.02	0.00	0.00
Brown Glass Bottles and Containers (CRV)	0.23	0.07	0.15	0.03	0.37
Brown Glass Bottles and Containers (Non-CRV)	0.11	0.02	0.04	0.00	0.05
Other Colored Glass Bottles and Containers (CRV)	0.00	0.00	0.51	0.00	0.00
Other Colored Glass Bottles and Containers (Non-CRV)	0.04	0.01	0.00	0.00	0.00
Flat Glass	0.13	0.03	0.16	0.03	0.52
Remainder/Composite Glass	0.19	0.32	1.34	0.96	0.74
PLASTIC	14.91	14.63	6.30	1.35	1.04
Narrow-mouth HDPE containers	0.54	0.35	0.08	0.01	0.05
Wide-mouth HDPE containers	0.12	0.22	0.01	0.00	0.01
Narrow-mouth PET containers (CRV)	0.14	0.08	0.03	0.01	0.00
Narrow-mouth PET containers (non-CRV)	0.27	0.17	0.09	0.00	0.00
Wide-mouth PET containers	0.04	0.03	0.00	0.00	0.00
Miscellaneous Plastic containers	0.26	0.46	0.13	0.00	0.02
Food, dry cleaning and grocery bags	4.15	4.52	0.22	0.01	0.02
Other Durable Plastic Items	1.98	1.57	0.13	1.07	0.45
Plastic objects No. 1-7	0.57	0.65	0.06	0.01	0.17
Other Remainder/Composite Plastic	4.44	2.79	5.14	0.13	0.20
Foam block and peanut packaging	0.41	1.54	0.12	0.03	0.06
Foam food packaging	0.51	1.05	0.18	0.00	0.02
Other film plastic	1.48	1.19	0.12	0.08	0.05
METAL	7.32	6.22	10.65	4.44	16.04
Empty Aerosol Cans, paint	0.02	0.00	0.00	0.00	0.00
Empty Aerosol Cans, other	0.08	0.03	0.01	0.01	0.02
Empty Paint Cans, Non-Aerosol	0.01	0.00	0.01	0.00	0.02
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.00	0.00	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.03	0.01	0.00	0.00	0.00
Other Tin/Steel Cans(CRV)	0.04	0.03	0.00	0.00	0.00
Other Tin/Steel Cans (Non-CRV)	0.88	0.52	0.10	0.07	0.16
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.73	0.00	0.34	0.13	1.11
Stainless Steel Items	0.00	0.02	0.03	0.01	0.00
Hangers	0.06	0.26	0.01	0.00	0.00

Remainder Other Ferrous	0.96	1.96	0.47	0.57	1.05
Aluminum Cans (CRV)	0.32	0.21	0.20	0.02	0.04
Aluminum Cans (Non-CRV)	0.07	0.03	0.00	0.00	0.00
Aluminum Foil	0.16	0.06	0.00	0.00	0.00
Remainder Other Non-Ferrous	0.50	0.35	0.67	0.03	0.46
Brown Goods	1.23	0.98	0.04	0.13	1.95
Computer Components	1.13	0.72	0.03	0.00	0.00
Other Remainder/Composite Metal	1.11	1.05	8.74	3.48	11.24
OTHER ORGANIC	27.26	19.54	11.09	6.60	7.18
Compostable Food w/ yard trimmings	2.45	5.16	0.32	0.00	2.32
Other Remainder/Composite Food	12.55	8.31	1.48	0.24	1.60
Leaves and Grass	1.29	0.17	1.46	1.38	0.17
Prunings and Trimmings	0.97	0.37	1.89	3.96	0.05
Branches and Stumps	0.09	0.00	2.52	0.37	0.04
Agricultural Crop Residues	0.00	0.00	0.00	0.00	0.00
Manures	0.01	0.00	0.00	0.00	0.00
Shoes and Boots	0.30	0.59	0.03	0.19	0.06
Carpet and Carpet Padding	3.18	0.83	0.53	0.22	1.57
Disposable Diapers	1.35	0.34	0.06	0.00	0.06
Other Remainder/Composite Organics	1.60	1.61	2.66	0.07	0.38
Textiles	3.48	2.16	0.15	0.19	0.94
CONSTRUCTION/DEMOLITION (C & D)	9.00	8.89	50.38	82.17	56.66
Concrete	0.02	0.00	4.08	16.72	11.00
Asphalt Paving	0.00	0.01	0.00	7.24	0.00
Asphalt Roofing	1.03	0.00	1.16	16.93	5.92
Lumber	6.53	8.12	25.75	18.62	31.06
Gypsum Board	0.30	0.00	5.79	8.90	1.68
Other rock, soil, and fines	0.48	0.40	4.85	10.34	3.66
Contaminated Soil	0.00	0.00	0.00	0.00	0.00
Toilets	0.00	0.00	0.00	0.32	0.00
Other Remainder/Composite C & D	0.64	0.36	8.76	3.09	3.34
HOUSEHOLD HAZARDOUS WASTE	0.55	0.46	0.02	0.00	1.48
Latex Paint	0.01	0.33	0.00	0.00	0.00
Oil-based Paint	0.00	0.00	0.00	0.00	0.00
Other Paint	0.22	0.00	0.00	0.00	0.16
Antifreeze	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.00	0.00
Motor Oil	0.01	0.00	0.00	0.00	0.08
Other Used Oil	0.00	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.02	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.07	0.06	0.02	0.00	0.08
Oil Filters	0.01	0.00	0.00	0.00	0.00
Pesticides	0.00	0.00	0.00	0.00	0.00
Other Remainder/Composite HHW	0.24	0.05	0.00	0.00	1.15
SPECIAL WASTE	2.12	10.38	4.84	1.24	9.17
Ash	0.01	0.00	0.00	0.00	0.00
Sewage Solids	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00
Treated Medical Waste	0.12	0.00	0.00	0.00	0.00
Mattresses and Box Springs	0.02	2.85	1.23	0.44	1.04
Upholstered Furniture, Other	0.00	4.15	1.09	0.06	5.67
Furniture, Other	1.42	1.91	2.27	0.41	0.96
Other Bulky Items	0.26	1.38	0.20	0.33	1.51
Tires	0.20	0.06	0.05	0.01	0.00
Remainder/Composite Special Waste	0.09	0.03	0.00	0.00	0.00
Mixed Residue	1.21	0.65	0.13	0.00	0.00
TOTAL	100.00	100.00	100.00	100.00	100.00

SECOND SEASON SORT

AVERAGE PERCENT BY WEIGHT

COMPONENT	Front Loaders	Compactors	Roll-off Boxes	All other Commercial	Self-Haul
PAPER	42.43	41.11	11.85	4.43	6.61
Uncoated Corrugated Cardboard	3.72	3.72	3.84	0.54	0.29
Paper Bags	0.90	0.65	0.15	0.31	0.00
Newspaper	4.90	2.59	0.21	0.08	0.63
White Ledger Paper (office)	5.67	8.00	0.30	0.36	0.52
Colored Paper (office)	0.67	0.69	0.12	0.04	0.00
Computer Paper (office)	0.25	0.57	0.00	0.06	0.00
Other Office Paper	2.39	1.51	1.92	0.46	0.64
Magazines and Catalogs (Misc. Paper)	2.89	2.94	0.09	0.29	0.43
Phone books and directories (Misc)	0.25	0.37	0.00	0.06	0.18
Hard Cover Books (Misc)	0.57	0.43	0.46	0.00	0.14
Soft Cover Books (Misc)	0.50	0.81	0.22	0.00	0.00
Other Miscellaneous Paper	1.77	3.47	1.98	1.12	0.71
Waxed Coated Milk Cartons (R/C)	0.56	0.25	0.00	0.00	0.05
Aseptic Containers (R/C)	0.02	0.02	0.00	0.00	0.07
Other Remainder/Composite Paper	17.37	15.08	2.56	1.12	2.94
GLASS	3.07	2.12	0.60	0.30	0.84
Clear Glass Bottles and Containers (CRV)	0.79	0.22	0.00	0.00	0.06
Clear Glass Bottles and Containers (Non-CRV)	1.36	1.19	0.03	0.00	0.20
Green Glass Bottles and Containers (CRV)	0.11	0.06	0.01	0.00	0.00
Green Glass Bottles and Containers (Non-CRV)	0.10	0.00	0.00	0.00	0.00
Brown Glass Bottles and Containers (CRV)	0.62	0.09	0.07	0.05	0.12
Brown Glass Bottles and Containers (Non-CRV)	0.05	0.06	0.00	0.05	0.00
Other Colored Glass Bottles and Containers (CRV)	0.00	0.01	0.00	0.00	0.00
Other Colored Glass Bottles and Containers (Non-CRV)	0.01	0.00	0.00	0.00	0.00
Flat Glass	0.01	0.00	0.03	0.17	0.35
Remainder/Composite Glass	0.02	0.49	0.46	0.03	0.13
PLASTIC	11.85	20.46	2.84	0.53	0.13
Narrow-mouth HDPE containers	0.35	0.24	0.02	0.01	0.02
Wide-mouth HDPE containers	0.06	0.03	0.01	0.01	0.00
Narrow-mouth PET containers (CRV)	0.12	0.21	0.01	0.00	0.01
Narrow-mouth PET containers (non-CRV)	0.41	0.37	0.01	0.00	0.00
Wide-mouth PET containers	0.02	0.00	0.00	0.00	0.00
Miscellaneous Plastic containers	0.06	0.02	0.04	0.00	0.00
Food, dry cleaning and grocery bags (Film)	4.09	4.76	0.14	0.00	0.00
Other film plastic	1.14	6.43	0.08	0.06	0.00
Plastic objects No. 1-7	0.00	0.05	0.20	0.07	0.02
Other Durable Plastic Items	1.44	2.20	0.65	0.17	0.03
Foam block and peanut packaging	0.67	1.52	1.46	0.03	0.01
Foam food packaging	0.57	0.53	0.08	0.00	0.01
Other Remainder/Composite Plastic	2.93	4.09	0.13	0.16	0.03
METAL	5.91	6.63	4.00	3.87	1.06
Empty Aerosol Cans, paint	0.00	0.00	0.00	0.01	0.02
Empty Aerosol Cans, other	0.06	0.03	0.01	0.00	0.00
Empty Paint Cans, Non-Aerosol	0.00	0.00	0.01	0.02	0.01
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.00	0.00	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.04	0.10	0.00	0.00	0.00
Other Tin/Steel Cans(CRV)	0.00	0.00	0.00	0.00	0.00
Other Tin/Steel Cans (Non-CRV)	0.89	0.37	0.04	0.00	0.05
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.01	0.00	0.12	0.00	0.05
Stainless Steel Items	0.02	0.04	0.00	0.00	0.01
Hangers	0.04	0.26	0.00	0.00	0.00
Remainder Other Ferrous	0.36	0.11	1.93	1.80	0.42
Aluminum Cans (CRV)	0.54	0.44	0.02	0.01	0.01
Aluminum Cans (Non-CRV)	0.06	0.09	0.00	0.00	0.00
Aluminum Foil	0.21	0.19	0.00	0.00	0.02

Remainder Other Non-Ferrous	0.45	0.22	0.20	0.20	0.09
Brown Goods	1.49	0.36	0.18	0.00	0.02
Computer Components	1.37	2.81	0.00	0.03	0.00
Other Remainder/Composite Metal	0.36	1.60	1.48	1.81	0.36
OTHER ORGANIC	25.94	19.56	3.65	11.90	7.25
Compostable Food w/ yard trimmings	4.87	2.74	1.23	0.17	0.26
Other Remainder/Composite Food	9.33	10.46	0.59	0.09	0.65
Leaves and Grass	2.52	1.85	0.09	0.79	0.88
Prunings and Trimmings	0.44	0.02	0.12	8.82	0.43
Branches and Stumps	0.15	0.09	0.14	0.37	0.02
Agricultural Crop Residues	0.00	0.00	0.00	0.00	0.00
Manures	0.00	0.00	0.00	0.00	0.00
Textiles	3.14	2.44	0.64	0.08	0.64
Shoes and Boots	0.38	0.31	0.26	0.00	0.00
Carpet and Carpet Padding	2.63	0.53	0.50	1.45	4.25
Disposable Diapers	0.82	0.16	0.00	0.00	0.14
Other Remainder/composite Organics	1.66	0.98	0.07	0.13	0.00
CONSTRUCTION/DEMOLITION (C & D)	7.19	7.95	70.91	78.92	73.88
Concrete	1.05	0.04	6.12	12.30	0.75
Asphalt Paving	0.00	0.00	0.00	0.44	0.00
Asphalt Roofing	0.00	0.00	0.93	13.04	5.19
Painted Lumber	1.01	2.44	10.08	7.87	33.46
Non-painted Lumber	4.13	3.23	39.99	20.57	10.88
Painted Gypsum Board	0.36	0.00	3.21	4.97	4.49
Non-painted Gypsum Board	0.00	0.00	2.42	7.95	0.00
Contaminated Soil	0.00	0.00	0.00	0.00	0.00
Other Rock, Soil, and Fines	0.31	0.00	0.23	5.34	7.03
Toilets	0.00	0.00	0.18	0.00	0.73
Other Remainder/Composite C & D	0.34	2.24	7.76	6.46	11.34
HOUSEHOLD HAZARDOUS WASTE	0.29	0.13	0.01	0.00	0.20
Latex Paint	0.00	0.00	0.00	0.00	0.00
Oil-based Paint	0.00	0.00	0.00	0.00	0.00
Other Paint	0.00	0.00	0.00	0.00	0.00
Antifreeze	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.00	0.20
Motor Oil	0.00	0.00	0.00	0.00	0.00
Other Used Oil	0.00	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.00	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.05	0.04	0.00	0.00	0.00
Oil Filters	0.02	0.00	0.00	0.00	0.00
Pesticides	0.00	0.00	0.00	0.00	0.00
Other Remainder/Composite HHW	0.21	0.09	0.01	0.00	0.00
SPECIAL WASTE	2.74	0.91	6.10	0.05	10.03
Ash	0.00	0.00	0.00	0.00	0.00
Sewage Solids	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00
Treated Medical Waste	0.29	0.05	0.00	0.00	0.00
Mattresses and Box Springs	0.19	0.00	2.25	0.00	5.06
Upholstered Furniture, Other	0.02	0.00	1.36	0.00	0.00
Furniture, Other	0.00	0.27	2.49	0.03	4.80
Other Bulky Items	2.23	0.59	0.00	0.00	0.17
Tires	0.01	0.00	0.00	0.02	0.00
Remainder/Composite Special Waste	0.00	0.00	0.00	0.00	0.00
Mixed Residue	0.59	1.12	0.04	0.00	0.00
TOTAL SAMPLE WEIGHT	100.00	100.00	100.00	100.00	100.00

BOTH SEASONS

	Front Loaders	Compactors	Roll-off Boxes	All other Commercial	Self-Haul	TOTAL
Percent Contribution (provided by City of San Jose)	31.95%	10.83%	11.37%	30.26%	15.59%	100.00%

COMPONENT	Front Loaders	Compactors	Roll-off Boxes	All other Commercial	Self-Haul	WEIGHTED AVERAGE
PAPER	38.63	39.36	13.00	3.73	6.52	20.23
Uncoated Corrugated Cardboard	4.28	8.76	2.85	0.56	0.42	2.87
Paper Bags	0.73	0.68	0.15	0.41	0.14	0.47
Newspaper	4.13	2.12	0.71	0.05	0.36	1.70
White Ledger	4.53	5.21	0.74	0.35	0.42	2.27
Colored Paper	0.48	0.47	0.07	0.02	0.00	0.22
Computer Paper	0.47	0.69	0.00	0.03	0.18	0.26
Other Office Paper	2.26	1.00	1.40	0.34	0.32	1.14
Magazines and Catalogs	2.80	2.15	0.20	0.15	0.30	1.24
Phone books and directories	0.42	0.26	0.00	0.05	0.09	0.19
Hard Cover Books	0.47	0.77	0.23	0.00	0.49	0.34
Soft Cover Books	0.50	0.76	0.11	0.00	0.18	0.28
Other Miscellaneous Paper (not books)	1.99	3.58	1.44	0.72	0.59	1.50
Waxed Coated Milk Cartons	0.42	0.15	0.02	0.00	0.04	0.16
Aseptic Containers	0.06	0.02	0.00	0.00	0.04	0.03
Other Remainder/Composite Paper	15.10	12.74	5.08	1.05	2.95	7.56
GLASS	2.93	1.88	1.52	0.73	1.42	1.76
Clear Glass Bottles and Containers (CRV)	0.80	0.19	0.01	0.05	0.13	0.31
Clear Glass Bottles and Containers (Non-CRV)	1.16	1.05	0.10	0.01	0.13	0.52
Green Glass Bottles and Containers (CRV)	0.14	0.06	0.02	0.01	0.04	0.06
Green Glass Bottles and Containers (Non-CRV)	0.13	0.03	0.01	0.00	0.00	0.05
Brown Glass Bottles and Containers (CRV)	0.42	0.08	0.11	0.04	0.25	0.21
Brown Glass Bottles and Containers (Non-CRV)	0.08	0.04	0.02	0.02	0.02	0.04
Other Colored Glass Bottles and Containers (CRV)	0.00	0.01	0.25	0.00	0.00	0.03
Other Colored Glass Bottles and Containers (Non-CRV)	0.03	0.00	0.00	0.00	0.00	0.01
Flat Glass	0.07	0.01	0.09	0.10	0.43	0.13
Remainder/Composite Glass	0.10	0.40	0.90	0.50	0.43	0.40
PLASTIC	13.38	17.55	4.57	0.94	0.59	7.07
Narrow-mouth HDPE containers	0.44	0.30	0.05	0.01	0.03	0.19
Wide-mouth HDPE containers	0.09	0.12	0.01	0.01	0.01	0.05
Narrow-mouth PET containers (CRV)	0.13	0.14	0.02	0.01	0.01	0.06
Narrow-mouth PET containers (non-CRV)	0.34	0.27	0.05	0.00	0.00	0.14
Wide-mouth PET containers	0.03	0.02	0.00	0.00	0.00	0.01
Miscellaneous Plastic containers	0.16	0.24	0.08	0.00	0.01	0.09
Food, dry cleaning and grocery bags	4.12	4.64	0.18	0.01	0.01	1.84
Other Durable Plastic Items	1.71	1.89	0.39	0.62	0.24	1.02
Plastic objects No. 1-7	0.29	0.35	0.13	0.04	0.09	0.17
Other Remainder/Composite Plastic	3.69	3.44	2.63	0.14	0.11	1.91
Foam block and peanut packaging	0.54	1.53	0.79	0.03	0.03	0.44
Foam food packaging	0.54	0.79	0.13	0.00	0.01	0.28
Other film plastic	1.31	3.81	0.10	0.07	0.03	0.87
METAL	6.62	6.43	7.32	4.16	8.55	6.23
Empty Aerosol Cans, paint	0.01	0.00	0.00	0.01	0.01	0.01
Empty Aerosol Cans, other	0.07	0.03	0.01	0.00	0.01	0.03
Empty Paint Cans, Non-Aerosol	0.00	0.00	0.01	0.01	0.01	0.01
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.00	0.00	0.00	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.04	0.05	0.00	0.00	0.00	0.02
Other Tin/Steel Cans(CRV)	0.02	0.01	0.00	0.00	0.00	0.01
Other Tin/Steel Cans (Non-CRV)	0.89	0.44	0.07	0.04	0.10	0.37
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.37	0.00	0.23	0.07	0.58	0.25
Stainless Steel Items	0.01	0.03	0.01	0.00	0.01	0.01

Hangers	0.05	0.26	0.00	0.00	0.00	0.04
Remainder Other Ferrous	0.66	1.04	1.20	1.18	0.73	0.93
Aluminum Cans (CRV)	0.43	0.32	0.11	0.01	0.02	0.19
Aluminum Cans (Non-CRV)	0.07	0.06	0.00	0.00	0.00	0.03
Aluminum Foil	0.19	0.13	0.00	0.00	0.01	0.08
Remainder Other Non-Ferrous	0.47	0.28	0.44	0.11	0.28	0.31
Brown Goods	1.36	0.67	0.11	0.06	0.99	0.69
Computer Components	1.25	1.77	0.02	0.01	0.00	0.60
Other Remainder/Composite Metal	0.73	1.33	5.11	2.64	5.80	2.66
OTHER ORGANIC	26.60	19.55	7.37	9.25	7.22	15.38
Compostable Food w/ yard trimmings	3.66	3.95	0.77	0.09	1.29	1.91
Other Remainder/Composite Food	10.94	9.39	1.03	0.16	1.12	4.85
Leaves and Grass	1.91	1.01	0.77	1.08	0.52	1.22
Prunings and Trimmings	0.71	0.19	1.01	6.39	0.24	2.33
Branches and Stumps	0.12	0.05	1.33	0.37	0.03	0.31
Agricultural Crop Residues	0.00	0.00	0.00	0.00	0.00	0.00
Manures	0.01	0.00	0.00	0.00	0.00	0.00
Shoes and Boots	0.34	0.45	0.15	0.09	0.03	0.21
Carpet and Carpet Padding	2.90	0.68	0.52	0.83	2.91	1.76
Disposable Diapers	1.08	0.25	0.03	0.00	0.10	0.39
Other Remainder/Composite Organics	1.63	1.29	1.37	0.10	0.19	0.87
Textiles	3.31	2.30	0.39	0.13	0.79	1.51
CONSTRUCTION/DEMOLITION (C & D)	8.09	8.42	60.65	80.55	65.27	44.94
Concrete	0.53	0.02	5.10	14.51	5.87	6.06
Asphalt Paving	0.00	0.00	0.00	3.84	0.00	1.16
Asphalt Roofing	0.51	0.00	1.04	14.99	5.55	5.68
Lumber	5.83	6.89	37.91	23.53	37.70	19.92
Gypsum Board	0.33	0.00	5.71	10.91	3.08	4.54
Other rock, soil, and fines	0.40	0.20	2.54	7.84	5.35	3.64
Contaminated Soil	0.00	0.00	0.00	0.00	0.00	0.00
Toilets	0.00	0.00	0.09	0.16	0.37	0.12
Other Remainder/Composite C & D	0.49	1.30	8.26	4.78	7.34	3.83
HOUSEHOLD HAZARDOUS WASTE	0.42	0.29	0.02	0.00	0.84	0.30
Latex Paint	0.01	0.16	0.00	0.00	0.00	0.02
Oil-based Paint	0.00	0.00	0.00	0.00	0.00	0.00
Other Paint	0.11	0.00	0.00	0.00	0.08	0.05
Antifreeze	0.00	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.00	0.10	0.02
Motor Oil	0.00	0.00	0.00	0.00	0.04	0.01
Other Used Oil	0.00	0.00	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.01	0.00	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.06	0.05	0.01	0.00	0.04	0.03
Oil Filters	0.01	0.00	0.00	0.00	0.00	0.00
Pesticides	0.00	0.00	0.00	0.00	0.00	0.00
Other Remainder/Composite HHW	0.22	0.07	0.01	0.00	0.58	0.17
SPECIAL WASTE	2.43	5.65	5.47	0.65	9.60	3.70
Ash	0.01	0.00	0.00	0.00	0.00	0.00
Sewage Solids	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00	0.00
Treated Medical Waste	0.20	0.03	0.00	0.00	0.00	0.07
Mattresses and Box Springs	0.11	1.43	1.74	0.22	3.05	0.93
Upholstered Furniture, Other	0.01	2.07	1.22	0.03	2.83	0.82
Furniture, Other	0.71	1.09	2.38	0.22	2.88	1.13
Other Bulky Items	1.24	0.98	0.10	0.16	0.84	0.69
Tires	0.10	0.03	0.02	0.01	0.00	0.04
Remainder/Composite Special Waste	0.04	0.02	0.00	0.00	0.00	0.02
Mixed Residue	0.90	0.88	0.09	0.00	0.00	0.39
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00

**NEWBY ISLAND LANDFILL
WASTE CHARACTERIZATION STUDY (1998)
CIVIC**

FIRST SEASON SORT

AVERAGE PERCENT BY WEIGHT

COMPONENT	Litter Modules	Front Loader	Open Top Roll Off	Compactors	Neigh'd Clean-up
PAPER	44.88	33.03	0.72	48.46	0.00
Uncoated Corrugated Cardboard	2.26	3.12	0.40	3.45	0.00
Paper Bags	1.43	0.78	0.00	0.22	0.00
Newspaper	19.48	4.32	0.00	12.82	0.00
White Ledger	0.78	0.73	0.00	1.17	0.00
Colored Paper	0.28	0.13	0.00	0.03	0.00
Computer Paper	0.08	0.08	0.00	0.11	0.00
Other Office Paper	1.53	0.15	0.31	1.48	0.00
Magazines and Catalogs	3.55	0.70	0.00	5.18	0.00
Phone books and directories	1.20	0.00	0.00	0.03	0.00
Hard Cover Books	0.01	1.51	0.00	0.00	0.00
Soft Cover Books	0.53	0.78	0.00	0.14	0.00
Other Miscellaneous Paper (not books)	2.83	4.39	0.00	1.59	0.00
Waxed Coated Milk Cartons	0.30	0.23	0.00	0.81	0.00
Aseptic Containers	0.06	0.31	0.00	0.04	0.00
Other Remainder/Composite Paper	10.56	15.80	0.00	21.40	0.00
GLASS	10.40	3.86	0.00	4.25	1.96
Clear Glass Bottles and Containers (CRV)	2.00	0.73	0.00	1.61	0.00
Clear Glass Bottles and Containers (Non-CRV)	4.22	1.81	0.00	1.33	0.00
Green Glass Bottles and Containers (CRV)	0.57	0.31	0.00	0.00	0.00
Green Glass Bottles and Containers (Non-CRV)	2.02	0.40	0.00	0.10	0.00
Brown Glass Bottles and Containers (CRV)	0.85	0.43	0.00	0.04	0.00
Brown Glass Bottles and Containers (Non-CRV)	0.03	0.12	0.00	0.17	0.00
Other Colored Glass Bottles and Containers (CRV)	0.10	0.00	0.00	0.00	0.00
Other Colored Glass Bottles and Containers (Non-CRV)	0.00	0.00	0.00	0.19	0.00
Flat Glass	0.04	0.00	0.00	0.00	1.96
Remainder/Composite Glass	0.58	0.06	0.00	0.82	0.00
PLASTIC	11.94	17.21	0.15	11.04	1.17
Narrow-mouth HDPE containers	0.70	0.56	0.00	0.16	0.00
Wide-mouth HDPE containers	0.10	0.06	0.00	0.00	0.00
Narrow-mouth PET containers (CRV)	0.38	0.28	0.00	0.09	0.00
Narrow-mouth PET containers (non-CRV)	0.50	0.56	0.00	0.67	0.00
Wide-mouth PET containers	0.31	0.25	0.00	0.04	0.00
Miscellaneous Plastic containers	0.43	0.29	0.00	1.22	0.00
Food, dry cleaning and grocery bags	2.87	6.04	0.00	3.89	0.00
Other Durable Plastic Items	1.30	1.69	0.11	0.68	0.70
Plastic objects No. 1-7	0.17	0.00	0.00	0.23	0.14
Other Remainder/Composite Plastic	3.81	3.51	0.04	3.32	0.33
Foam block and peanut packaging	0.07	0.60	0.00	0.12	0.00
Foam food packaging	0.77	1.14	0.00	0.41	0.00
Other film plastic	0.54	2.24	0.00	0.22	0.00
METAL	3.32	4.33	3.69	3.03	17.84
Empty Aerosol Cans, paint	0.01	0.02	0.00	0.00	0.00
Empty Aerosol Cans, other	0.31	0.02	0.00	0.05	0.00
Empty Paint Cans, Non-Aerosol	0.00	0.14	0.00	0.04	0.00
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.00	0.10	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.08	0.00	0.00	0.00	0.00
Other Tin/Steel Cans(CRV)	0.07	0.00	0.00	0.10	0.00
Other Tin/Steel Cans (Non-CRV)	0.37	0.48	0.00	0.38	0.00
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.20	1.61	0.00	0.00	0.00

Stainless Steel Items	0.00	0.04	0.00	0.00	0.00
Hangers	0.04	0.00	0.00	0.06	0.00
Remainder Other Ferrous	0.60	0.06	0.37	0.27	0.00
Aluminum Cans (CRV)	0.40	0.34	0.00	1.22	0.00
Aluminum Cans (Non-CRV)	0.11	0.08	0.00	0.20	0.00
Aluminum Foil	0.13	0.42	0.00	0.15	0.00
Remainder Other Non-Ferrous	0.08	0.02	0.00	0.02	0.00
Brown Goods	0.24	0.29	1.94	0.00	3.76
Computer Components	0.43	0.00	0.00	0.00	2.88
Other Remainder/Composite Metal	0.25	0.80	1.38	0.43	11.19
OTHER ORGANIC	23.81	27.45	9.39	17.38	3.72
Compostable Food w/ yard trimmings	2.30	3.76	0.00	1.65	0.00
Other Remainder/Composite Food	13.35	12.17	0.00	8.18	0.00
Leaves and Grass	1.45	6.53	0.00	1.58	0.00
Prunings and Trimmings	0.05	0.45	0.00	0.09	0.00
Branches and Stumps	0.01	0.00	0.00	0.00	0.00
Agricultural Crop Residues	0.00	0.00	0.00	0.00	0.00
Manures	0.26	0.36	0.00	0.00	0.00
Shoes and Boots	0.24	0.00	0.00	0.00	0.00
Carpet and Carpet Padding	0.07	0.00	9.39	3.27	3.72
Disposable Diapers	1.85	1.19	0.00	0.89	0.00
Other Remainder/Composite Organics	1.16	1.18	0.00	0.57	0.00
Textiles	3.08	1.81	0.00	1.15	0.00
CONSTRUCTION/DEMOLITION (C & D)	3.05	8.46	76.32	14.14	48.43
Concrete	0.00	0.61	0.00	0.00	0.00
Asphalt Paving	0.00	0.00	0.00	0.00	0.00
Asphalt Roofing	0.00	0.00	0.00	0.00	0.00
Lumber	1.65	4.88	76.32	1.18	48.43
Gypsum Board	0.00	0.00	0.00	0.49	0.00
Other rock, soil, and fines	1.37	1.55	0.00	0.04	0.00
Contaminated Soil	0.00	0.00	0.00	0.00	0.00
Toilets	0.00	0.00	0.00	0.00	0.00
Other Remainder/Composite C & D	0.02	1.42	0.00	12.44	0.00
HOUSEHOLD HAZARDOUS WASTE	0.20	0.25	0.00	0.37	0.00
Latex Paint	0.00	0.00	0.00	0.00	0.00
Oil-based Paint	0.00	0.00	0.00	0.00	0.00
Other Paint	0.00	0.00	0.00	0.00	0.00
Antifreeze	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.00	0.00
Motor Oil	0.00	0.00	0.00	0.00	0.00
Other Used Oil	0.00	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.01	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.19	0.21	0.00	0.09	0.00
Oil Filters	0.00	0.00	0.00	0.00	0.00
Pesticides	0.00	0.00	0.00	0.00	0.00
Other Remainder/Composite HHW	0.01	0.03	0.00	0.28	0.00
SPECIAL WASTE	0.03	0.31	9.74	0.73	26.88
Ash	0.00	0.31	0.00	0.00	0.00
Sewage Solids	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00
Treated Medical Waste	0.00	0.00	0.00	0.01	0.00
Mattresses and Box Springs	0.00	0.00	6.13	0.00	13.33
Upholstered Furniture, Other	0.00	0.00	0.00	0.00	5.37
Furniture, Other	0.00	0.00	0.84	0.00	5.92
Other Bulky Items	0.00	0.00	2.77	0.00	2.25
Tires	0.00	0.00	0.00	0.72	0.00
Remainder/Composite Special Waste	0.03	0.00	0.00	0.00	0.00
Mixed Residue	2.38	5.09	0.00	0.59	0.00
TOTAL	100.00	100.00	100.00	100.00	100.00

SECOND SEASON SORT

AVERAGE PERCENT BY WEIGHT

COMPONENT	Litter Modules	Front Loader	Open Top Roll Off	Compactors	Neigh'd Clean-up
PAPER	40.58	37.71	12.70	55.71	0.00
Uncoated Corrugated Cardboard	2.25	2.00	1.17	1.22	0.00
Paper Bags	3.73	1.08	0.49	0.33	0.00
Newspaper	14.00	4.91	4.16	12.32	0.00
White Ledger Paper (office)	1.89	1.45	0.16	1.60	0.00
Colored Paper (office)	0.15	0.31	0.05	0.43	0.00
Computer Paper (office)	0.00	0.75	0.00	0.12	0.00
Other Office Paper	1.73	1.72	0.78	1.80	0.00
Magazines and Catalogs (Misc. Paper)	4.67	1.34	0.66	13.92	0.00
Phone books and directories (Misc)	0.63	0.00	0.00	0.42	0.00
Hard Cover Books (Misc)	0.04	0.49	0.00	0.04	0.00
Soft Cover Books (Misc)	0.10	0.65	0.00	0.13	0.00
Other Miscellaneous Paper	1.42	2.32	0.30	1.17	0.00
Waxed Coated Milk Cartons (R/C)	0.24	0.33	0.15	0.29	0.00
Aseptic Containers (R/C)	0.01	0.27	0.05	0.04	0.00
Other Remainder/Composite Paper	9.71	20.08	4.73	21.87	0.00
GLASS	8.04	6.17	5.48	4.59	0.00
Clear Glass Bottles and Containers (CRV)	2.90	2.25	0.45	0.48	0.00
Clear Glass Bottles and Containers (Non-CRV)	2.37	2.04	1.95	2.38	0.00
Green Glass Bottles and Containers (CRV)	0.69	0.42	0.00	0.31	0.00
Green Glass Bottles and Containers (Non-CRV)	0.23	0.06	0.15	1.09	0.00
Brown Glass Bottles and Containers (CRV)	1.30	1.05	0.28	0.12	0.00
Brown Glass Bottles and Containers (Non-CRV)	0.22	0.00	0.91	0.02	0.00
Other Colored Glass Bottles and Containers (CRV)	0.07	0.04	0.00	0.00	0.00
Other Colored Glass Bottles and Containers (Non-CRV)	0.00	0.16	0.00	0.00	0.00
Flat Glass	0.11	0.05	1.45	0.00	0.00
Remainder/Composite Glass	0.14	0.11	0.30	0.19	0.00
PLASTIC	8.91	14.56	5.19	13.30	0.35
Narrow-mouth HDPE containers	0.51	0.45	0.46	0.30	0.00
Wide-mouth HDPE containers	0.06	0.23	0.13	0.21	0.00
Narrow-mouth PET containers (CRV)	0.32	0.24	0.16	0.18	0.00
Narrow-mouth PET containers (non-CRV)	0.72	0.92	0.56	1.17	0.00
Wide-mouth PET containers	0.00	0.00	0.00	0.02	0.00
Miscellaneous Plastic containers	0.00	0.04	0.07	0.09	0.00
Food, dry cleaning and grocery bags (Film)	2.87	5.97	1.15	4.68	0.00
Other film plastic	0.51	0.84	0.23	0.97	0.00
Plastic objects No. 1-7	0.07	0.05	0.63	0.03	0.00
Other Durable Plastic Items	0.70	1.48	0.36	0.57	0.35
Foam block and peanut packaging	0.16	0.23	0.00	0.05	0.00
Foam food packaging	0.29	1.02	0.27	0.38	0.00
Other Remainder/Composite Plastic	2.68	3.08	1.16	4.66	0.00
METAL	4.61	4.23	2.83	3.95	0.36
Empty Aerosol Cans, paint	0.01	0.01	0.00	0.00	0.00
Empty Aerosol Cans, other	0.06	0.18	0.08	0.15	0.00
Empty Paint Cans, Non-Aerosol	0.00	0.06	0.00	0.00	0.00
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.00	0.00	0.00
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.02	0.00	0.00	0.06	0.00
Other Tin/Steel Cans(CRV)	0.00	0.00	0.00	0.00	0.00
Other Tin/Steel Cans (Non-CRV)	0.84	1.57	1.18	1.04	0.00
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.00	0.00	0.00	0.00	0.00
Stainless Steel Items	0.00	0.03	0.00	0.02	0.00
Hangers	0.04	0.02	0.02	0.06	0.00
Remainder Other Ferrous	0.43	0.91	1.19	0.34	0.00
Aluminum Cans (CRV)	0.63	0.56	0.23	1.31	0.00
Aluminum Cans (Non-CRV)	0.05	0.05	0.03	0.32	0.00
Aluminum Foil	0.62	0.36	0.07	0.21	0.00
Remainder Other Non-Ferrous	0.13	0.28	0.03	0.10	0.00
Brown Goods	1.16	0.10	0.00	0.25	0.36
Computer Components	0.60	0.00	0.00	0.00	0.00

Other Remainder/Composite Metal	0.01	0.09	0.00	0.09	0.00
OTHER ORGANIC	31.90	31.27	11.03	21.14	0.65
Compostable Food w/ yard trimmings	6.28	4.02	1.25	6.83	0.00
Other Remainder/Composite Food	11.95	10.51	4.22	10.72	0.00
Leaves and Grass	3.83	7.25	0.00	0.02	0.00
Prunings and Trimmings	1.71	1.70	3.43	0.19	0.00
Branches and Stumps	0.13	1.68	0.00	0.00	0.31
Agricultural Crop Residues	0.00	0.00	0.00	0.00	0.00
Manures	0.30	0.34	0.00	0.20	0.00
Textiles	4.79	3.20	0.24	1.29	0.11
Shoes and Boots	1.12	0.00	0.00	0.00	0.00
Carpet and Carpet Padding	0.48	0.00	1.66	0.26	0.23
Disposable Diapers	1.22	2.01	0.07	1.27	0.00
Other Remainder/composite Organics	0.11	0.55	0.16	0.36	0.00
CONSTRUCTION/DEMOLITION (C & D)	4.03	3.90	40.29	0.23	67.26
Concrete	0.90	0.10	0.00	0.00	0.00
Asphalt Paving	0.00	0.00	4.11	0.00	0.00
Asphalt Roofing	0.00	0.00	0.00	0.00	0.00
Painted Lumber	0.28	0.74	5.69	0.01	25.04
Non-painted Lumber	0.00	2.16	27.08	0.15	25.65
Painted Gypsum Board	0.93	0.03	0.00	0.00	0.00
Non-painted Gypsum Board	0.00	0.00	0.00	0.00	0.00
Contaminated Soil	0.00	0.00	0.00	0.00	0.00
Other Rock, Soil, and Fines	1.90	0.86	0.00	0.03	0.00
Toilets	0.00	0.00	3.41	0.00	2.76
Other Remainder/Composite C & D	0.03	0.00	0.00	0.05	13.81
HOUSEHOLD HAZARDOUS WASTE	0.30	0.20	0.07	0.23	0.00
Latex Paint	0.00	0.00	0.00	0.00	0.00
Oil-based Paint	0.03	0.00	0.00	0.00	0.00
Other Paint	0.02	0.00	0.00	0.07	0.00
Antifreeze	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.00	0.00
Motor Oil	0.06	0.00	0.00	0.00	0.00
Other Used Oil	0.00	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.00	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.07	0.08	0.07	0.16	0.00
Oil Filters	0.00	0.00	0.00	0.00	0.00
Pesticides	0.00	0.00	0.00	0.00	0.00
Other Remainder/Composite HHW	0.11	0.12	0.00	0.00	0.00
SPECIAL WASTE	0.69	0.56	22.09	0.00	31.39
Ash	0.00	0.00	0.00	0.00	0.00
Sewage Solids	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00
Treated Medical Waste	0.03	0.03	0.03	0.00	0.00
Mattresses and Box Springs	0.00	0.00	20.66	0.00	22.56
Upholstered Furniture, Other	0.00	0.00	0.00	0.00	0.00
Furniture, Other	0.00	0.00	1.39	0.00	7.98
Other Bulky Items	0.00	0.46	0.00	0.00	0.85
Tires	0.00	0.00	0.00	0.00	0.00
Remainder/Composite Special Waste	0.66	0.07	0.00	0.00	0.00
Mixed Residue	0.94	1.40	0.33	0.85	0.00
TOTAL SAMPLE WEIGHT	100.00	100.00	100.00	100.00	100.00

BOTH SEASONS

	Litter Modules	Front Loader	Open Top Roll Off	Compactors	Neigh'd Clean-up	TOTAL
Percent Contribution (provided by City of San Jose)	6.66%	28.92%	9.04%	33.17%	22.21%	100.00%

COMPONENT	Litter Modules	Front Loader	Open Top Roll Off	Compactors	Neigh'd Clean-up	WEIGHTED AVERAGE
PAPER	42.73	35.37	6.71	52.08	0.00	30.96
Uncoated Corrugated Cardboard	2.25	2.56	0.79	2.34	0.00	1.74
Paper Bags	2.58	0.93	0.25	0.28	0.00	0.55
Newspaper	16.74	4.62	2.08	12.57	0.00	6.81
White Ledger	1.33	1.09	0.08	1.39	0.00	0.87
Colored Paper	0.21	0.22	0.02	0.23	0.00	0.16
Computer Paper	0.04	0.42	0.00	0.12	0.00	0.16
Other Office Paper	1.63	0.93	0.54	1.64	0.00	0.97
Magazines and Catalogs	4.11	1.02	0.33	9.55	0.00	3.77
Phone books and directories	0.92	0.00	0.00	0.23	0.00	0.14
Hard Cover Books	0.02	1.00	0.00	0.02	0.00	0.30
Soft Cover Books	0.31	0.72	0.00	0.14	0.00	0.27
Other Miscellaneous Paper (not books)	2.13	3.36	0.15	1.38	0.00	1.58
Waxed Coated Milk Cartons	0.27	0.28	0.07	0.55	0.00	0.29
Aseptic Containers	0.04	0.29	0.02	0.04	0.00	0.10
Other Remainder/Composite Paper	10.13	17.94	2.37	21.64	0.00	13.25
GLASS	9.22	5.01	2.74	4.42	0.98	4.00
Clear Glass Bottles and Containers (CRV)	2.45	1.49	0.22	1.04	0.00	0.96
Clear Glass Bottles and Containers (Non-CRV)	3.30	1.92	0.97	1.86	0.00	1.48
Green Glass Bottles and Containers (CRV)	0.63	0.36	0.00	0.16	0.00	0.20
Green Glass Bottles and Containers (Non-CRV)	1.13	0.23	0.07	0.60	0.00	0.35
Brown Glass Bottles and Containers (CRV)	1.07	0.74	0.14	0.08	0.00	0.32
Brown Glass Bottles and Containers (Non-CRV)	0.12	0.06	0.45	0.10	0.00	0.10
Other Colored Glass Bottles and Containers (CRV)	0.09	0.02	0.00	0.00	0.00	0.01
Other Colored Glass Bottles and Containers (Non-CRV)	0.00	0.08	0.00	0.09	0.00	0.05
Flat Glass	0.08	0.02	0.72	0.00	0.98	0.29
Remainder/Composite Glass	0.36	0.09	0.15	0.50	0.00	0.23
PLASTIC	10.43	15.89	2.67	12.17	0.76	9.74
Narrow-mouth HDPE containers	0.60	0.51	0.23	0.23	0.00	0.28
Wide-mouth HDPE containers	0.08	0.14	0.06	0.10	0.00	0.09
Narrow-mouth PET containers (CRV)	0.35	0.26	0.08	0.13	0.00	0.15
Narrow-mouth PET containers (non-CRV)	0.61	0.74	0.28	0.92	0.00	0.58
Wide-mouth PET containers	0.16	0.13	0.00	0.03	0.00	0.06
Miscellaneous Plastic containers	0.22	0.16	0.03	0.66	0.00	0.28
Food, dry cleaning and grocery bags	2.87	6.00	0.58	4.29	0.00	3.40
Other Durable Plastic Items	1.00	1.58	0.23	0.63	0.52	0.87
Plastic objects No. 1-7	0.12	0.03	0.31	0.13	0.07	0.10
Other Remainder/Composite Plastic	3.24	3.29	0.60	3.99	0.17	2.58
Foam block and peanut packaging	0.12	0.41	0.00	0.08	0.00	0.15
Foam food packaging	0.53	1.08	0.14	0.39	0.00	0.49
Other film plastic	0.53	1.54	0.12	0.59	0.00	0.69
METAL	3.97	4.28	3.26	3.49	9.10	4.97
Empty Aerosol Cans, paint	0.01	0.02	0.00	0.00	0.00	0.01
Empty Aerosol Cans, other	0.19	0.10	0.04	0.10	0.00	0.08
Empty Paint Cans, Non-Aerosol	0.00	0.10	0.00	0.02	0.00	0.04
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.00	0.05	0.00	0.02
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.05	0.00	0.00	0.03	0.00	0.01
Other Tin/Steel Cans(CRV)	0.03	0.00	0.00	0.05	0.00	0.02
Other Tin/Steel Cans (Non-CRV)	0.61	1.02	0.59	0.71	0.00	0.63
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00	0.00	0.00	0.00
Other White Goods w/o CFCs	0.10	0.80	0.00	0.00	0.00	0.24
Stainless Steel Items	0.00	0.03	0.00	0.01	0.00	0.01
Hangers	0.04	0.01	0.01	0.06	0.00	0.03
Remainder Other Ferrous	0.52	0.49	0.78	0.30	0.00	0.35
Aluminum Cans (CRV)	0.51	0.45	0.12	1.26	0.00	0.59

Aluminum Cans (Non-CRV)	0.08	0.07	0.02	0.26	0.00	0.11
Aluminum Foil	0.38	0.39	0.03	0.18	0.00	0.20
Remainder Other Non-Ferrous	0.10	0.15	0.02	0.06	0.00	0.07
Brown Goods	0.70	0.19	0.97	0.13	2.06	0.69
Computer Components	0.51	0.00	0.00	0.00	1.44	0.35
Other Remainder/Composite Metal	0.13	0.44	0.69	0.26	5.60	1.53
OTHER ORGANIC	27.85	29.36	10.21	19.26	2.19	18.14
Compostable Food w/ yard trimmings	4.29	3.89	0.63	4.24	0.00	2.87
Other Remainder/Composite Food	12.65	11.34	2.11	9.45	0.00	7.45
Leaves and Grass	2.64	6.89	0.00	0.80	0.00	2.44
Prunings and Trimmings	0.88	1.08	1.72	0.14	0.00	0.57
Branches and Stumps	0.07	0.84	0.00	0.00	0.16	0.28
Agricultural Crop Residues	0.00	0.00	0.00	0.00	0.00	0.00
Manures	0.28	0.35	0.00	0.10	0.00	0.15
Shoes and Boots	0.68	0.00	0.00	0.00	0.00	0.05
Carpet and Carpet Padding	0.28	0.00	5.52	1.77	1.98	1.54
Disposable Diapers	1.53	1.60	0.03	1.08	0.00	0.93
Other Remainder/Composite Organics	0.63	0.86	0.08	0.47	0.00	0.45
Textiles	3.93	2.50	0.12	1.22	0.05	1.41
CONSTRUCTION/DEMOLITION (C & D)	3.54	6.18	58.31	7.19	57.85	22.52
Concrete	0.45	0.35	0.00	0.00	0.00	0.13
Asphalt Paving	0.00	0.00	2.05	0.00	0.00	0.19
Asphalt Roofing	0.00	0.00	0.00	0.00	0.00	0.00
Lumber	0.96	3.89	54.55	0.67	49.56	17.35
Gypsum Board	0.46	0.02	0.00	0.24	0.00	0.12
Other rock, soil, and fines	1.64	1.21	0.00	0.03	0.00	0.47
Contaminated Soil	0.00	0.00	0.00	0.00	0.00	0.00
Toilets	0.00	0.00	1.71	0.00	1.38	0.46
Other Remainder/Composite C & D	0.03	0.71	0.00	6.24	6.90	3.81
HOUSEHOLD HAZARDOUS WASTE	0.25	0.22	0.03	0.30	0.00	0.18
Latex Paint	0.00	0.00	0.00	0.00	0.00	0.00
Oil-based Paint	0.02	0.00	0.00	0.00	0.00	0.00
Other Paint	0.01	0.00	0.00	0.04	0.00	0.01
Antifreeze	0.00	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.00	0.00	0.00	0.00	0.00	0.00
Motor Oil	0.03	0.00	0.00	0.00	0.00	0.00
Other Used Oil	0.00	0.00	0.00	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.00	0.00	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.13	0.15	0.03	0.12	0.00	0.10
Oil Filters	0.00	0.00	0.00	0.00	0.00	0.00
Pesticides	0.00	0.00	0.00	0.00	0.00	0.00
Other Remainder/Composite HHW	0.06	0.07	0.00	0.14	0.00	0.07
SPECIAL WASTE	0.36	0.44	15.91	0.37	29.13	8.18
Ash	0.00	0.16	0.00	0.00	0.00	0.05
Sewage Solids	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00	0.00	0.00	0.00
Treated Medical Waste	0.01	0.01	0.02	0.00	0.00	0.01
Mattresses and Box Springs	0.00	0.00	13.40	0.00	17.95	5.20
Upholstered Furniture, Other	0.00	0.00	0.00	0.00	2.69	0.60
Furniture, Other	0.00	0.00	1.12	0.00	6.95	1.64
Other Bulky Items	0.00	0.23	1.38	0.00	1.55	0.54
Tires	0.00	0.00	0.00	0.36	0.00	0.12
Remainder/Composite Special Waste	0.34	0.03	0.00	0.00	0.00	0.03
Mixed Residue	1.66	3.25	0.16	0.72	0.00	1.30
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00

**NEWBY ISLAND LANDFILL
WASTE CHARACTERIZATION STUDY (1998)
AGGREGATE SUMMARY FOR RESIDENTIAL, COMMERCIAL AND CIVIC WASTE STREAMS**

BOTH SEASONS

ALL VALUES PERCENT BY WEIGHT

COMPONENT	RESIDENTIAL	COMMERCIAL	CIVIC
PAPER	30.83	20.23	30.96
Uncoated Corrugated Cardboard	1.67	2.87	1.74
Paper Bags	0.88	0.47	0.55
Newspaper	3.58	1.70	6.81
White Ledger	1.10	2.27	0.87
Colored Paper	0.17	0.22	0.16
Computer Paper	0.03	0.26	0.16
Other Office Paper	1.69	1.14	0.97
Magazines and Catalogs	2.63	1.24	3.77
Phone books and directories	0.33	0.19	0.14
Hard Cover Books	0.04	0.34	0.30
Soft Cover Books	0.20	0.28	0.27
Other Miscellaneous Paper (not books)	2.81	1.50	1.58
Waxed Coated Milk Cartons	0.23	0.16	0.29
Aseptic Containers	0.06	0.03	0.10
Other Remainder/Composite Paper	15.41	7.56	13.25
GLASS	3.39	1.76	4.00
Clear Glass Bottles and Containers (CRV)	0.46	0.31	0.96
Clear Glass Bottles and Containers (Non-CRV)	1.55	0.52	1.48
Green Glass Bottles and Containers (CRV)	0.23	0.06	0.20
Green Glass Bottles and Containers (Non-CRV)	0.22	0.05	0.35
Brown Glass Bottles and Containers (CRV)	0.47	0.21	0.32
Brown Glass Bottles and Containers (Non-CRV)	0.12	0.04	0.10
Other Colored Glass Bottles and Containers (CRV)	0.01	0.03	0.01
Other Colored Glass Bottles and Containers (Non-CRV)	0.03	0.01	0.05
Flat Glass	0.03	0.13	0.29
Remainder/Composite Glass	0.27	0.40	0.23
PLASTIC	12.68	7.07	9.74
Narrow-mouth HDPE containers	0.59	0.19	0.28
Wide-mouth HDPE containers	0.12	0.05	0.09
Narrow-mouth PET containers (CRV)	0.18	0.06	0.15
Narrow-mouth PET containers (non-CRV)	0.30	0.14	0.58
Wide-mouth PET containers	0.03	0.01	0.06
Miscellaneous Plastic containers	0.23	0.09	0.28
Food, dry cleaning and grocery bags	4.50	1.84	3.40
Other film plastic	0.68	0.87	0.69
Plastic objects No. 1-7	0.19	0.17	0.10
Other Durable Plastic Items	1.98	1.02	0.87
Foam block and peanut packaging	0.16	0.44	0.15
Foam food packaging	0.63	0.28	0.49
Other Remainder/Composite Plastic	3.10	1.91	2.58
METAL	5.87	6.23	4.97
Empty Aerosol Cans, paint	0.00	0.01	0.01
Empty Aerosol Cans, other	0.21	0.03	0.08
Empty Paint Cans, Non-Aerosol	0.11	0.01	0.04
Bimetal cans w/ aluminum tops (CRV)	0.00	0.00	0.02
Bimetal Cans w/ aluminum Tops (Non-CRV)	0.10	0.02	0.01
Other Tin/Steel Cans(CRV)	0.04	0.01	0.02
Other Tin/Steel Cans (Non-CRV)	1.35	0.37	0.63
Refrigerators, etc., w/ CFCs	0.00	0.00	0.00
Other White Goods w/o CFCs	0.00	0.25	0.24
Stainless Steel Items	0.02	0.01	0.01
Hangers	0.15	0.04	0.03

Remainder Other Ferrous	1.19	0.93	0.35
Aluminum Cans (CRV)	0.39	0.19	0.59
Aluminum Cans (Non-CRV)	0.06	0.03	0.11
Aluminum Foil	0.32	0.08	0.20
Remainder Other Non-Ferrous	0.18	0.31	0.07
Brown Goods	1.00	0.69	0.69
Computer Components	0.28	0.60	0.35
Other Remainder/Composite Metal	0.47	2.66	1.53
OTHER ORGANIC	41.19	15.38	18.14
Compostable Food w/ yard trimmings	5.51	1.91	2.87
Other Remainder/Composite Food	18.11	4.85	7.45
Leaves and Grass	1.13	1.22	2.44
Prunings and Trimmings	1.50	2.33	0.57
Branches and Stumps	0.51	0.31	0.28
Agricultural Crop Residues	0.00	0.00	0.00
Manures	0.75	0.00	0.15
Textiles	3.88	1.51	1.41
Shoes and Boots	0.90	0.21	0.05
Carpet and Carpet Padding	1.01	1.76	1.54
Disposable Diapers	6.75	0.39	0.93
Other Remainder/Composite Organics	1.14	0.87	0.45
CONSTRUCTION/DEMOLITION (C & D)	2.95	44.94	22.52
Concrete	0.18	6.06	0.13
Asphalt Paving	0.00	1.16	0.19
Asphalt Roofing	0.07	5.68	0.00
Lumber	1.56	19.92	17.35
Gypsum Board	0.23	4.54	0.12
Contaminated Soil	0.02	0.00	0.00
Other rock, soil, and fines	0.49	3.64	0.47
Toilets	0.00	0.12	0.46
Other Remainder/Composite C & D	0.40	3.83	3.81
HOUSEHOLD HAZARDOUS WASTE	0.38	0.30	0.18
Latex Paint	0.01	0.02	0.00
Oil-based Paint	0.01	0.00	0.00
Other Paint	0.01	0.05	0.01
Antifreeze	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00
Brake Fluid	0.00	0.00	0.00
Other Vehicle Equipment Fluids	0.01	0.02	0.00
Motor Oil	0.00	0.01	0.00
Other Used Oil	0.00	0.00	0.00
Car and Other Lead Acid Batteries	0.00	0.00	0.00
Household & Other Small Dry Cell Batteries	0.16	0.03	0.10
Oil Filters	0.04	0.00	0.00
Pesticides	0.01	0.00	0.00
Other Remainder/Composite HHW	0.13	0.17	0.07
SPECIAL WASTE	1.19	3.70	8.18
Ash	0.04	0.00	0.05
Sewage Solids	0.00	0.00	0.00
Industrial Sludge	0.00	0.00	0.00
Treated Medical Waste	0.18	0.07	0.01
Mattresses and Box Springs	0.13	0.93	5.20
Upholstered Furniture, Other	0.07	0.82	0.60
Furniture, Other	0.09	1.13	1.64
Other Bulky Items	0.53	0.69	0.54
Tires	0.11	0.04	0.12
Remainder/Composite Special Waste	0.04	0.02	0.03
MIXED RESIDUE	1.51	0.39	1.30
TOTAL	100.00	100.00	100.00

NOTES: % by weight values calculated using weighted average from percent contributions provided by the City of San Jose; 1998 calendar year from all landfills

**NEWBY ISLAND LANDFILL
WASTE CHARACTERIZATION STUDY (1998)
ANNUAL LOAD CATEGORY CONTRIBUTION**

BOTH SEASONS

LOAD CATEGORY	ANNUAL DISPOSAL (TONS/YR)	PERCENT CONTRIBUTION
<i>Residential</i>		
MFD Front Loaders	67,130	28.30%
MFD Compactors	1,135	0.48%
Cart-Cart	2,425	1.02%
SFD	166,545	70.20%
Total	237,235	100.00%
<i>Commercial</i>		
Front Loaders	184,981	31.95%
Open Top Roll-off Boxes	65,841	11.37%
Compactors	62,706	10.83%
All Other Commercial	175,194	30.26%
Self-Haul	90,252	15.59%
Total	578,974	100.00%
<i>Civic</i>		
Litter	480	6.66%
Front Loaders	2,084	28.92%
Open Top Roll-off Boxes	651	9.04%
Compactor	2,390	33.17%
Neighborhood Clean-up	1,600	22.21%
Total	7,205	100.00%

NOTES:

- 1) Disposal amounts based on the County's reporting system, 1998 calendar year.
- 2) Totals represent all wastes generated from the City of San Jose from all landfills.
These values are not exclusive to wastes only received by Newby Island Landfill.
- 3) Data provided by David Krueger, City of San Jose.