











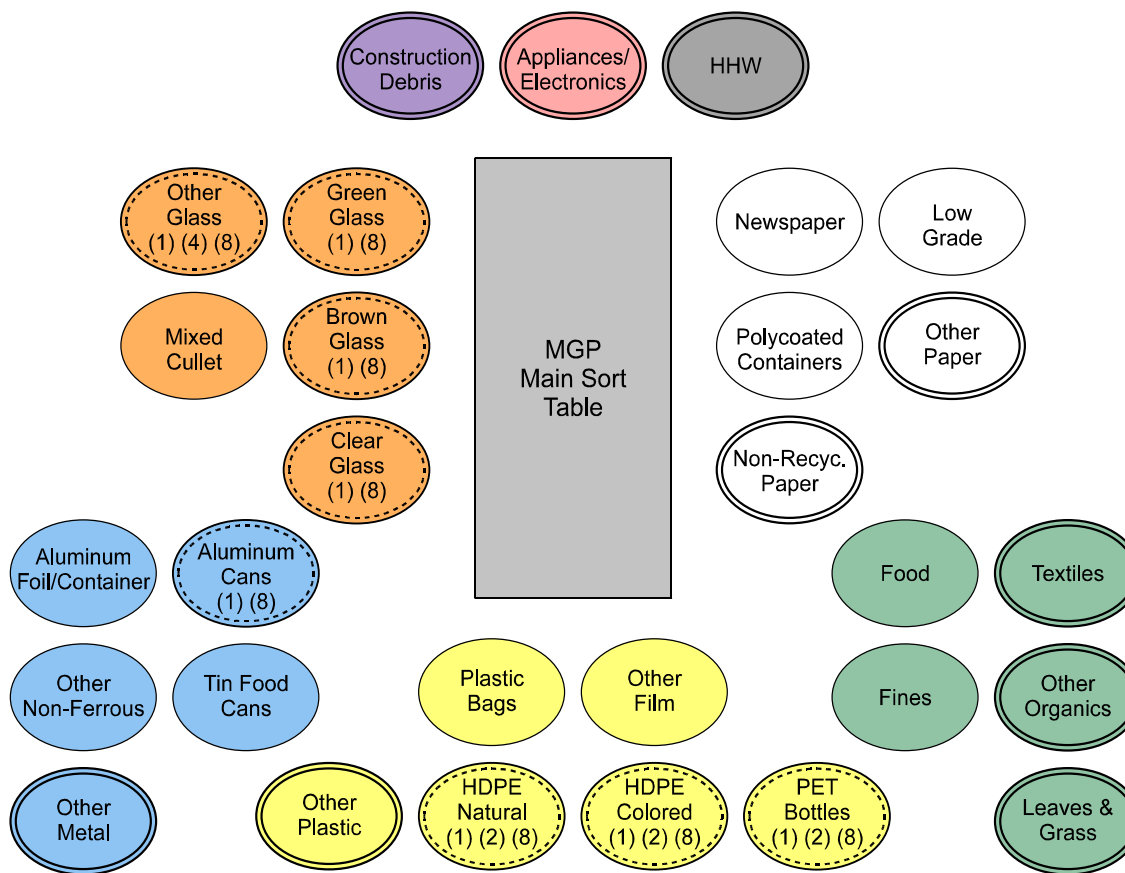
Appendix M

MGP Sorting Procedure

Initial Sort

LEGEND

-  Containment Sub-Sort Bins
-  Container Sub-Sort Bins
-  Construction Debris
-  Appliances/Electronics
-  HHW
-  Glass
-  Paper
-  Metal
-  Plastic
-  Organics



NOTES

- (1) Sub-sorted to Deposit, Non-Deposit, and Maybe as applicable.
- (2) Sub-sorted to Single-Serve, Multi-Serve, and Non-Beverage as applicable.
- (3) Sub-sorted to stated categories.
- (4) Sub-sorted to Blue, Red, or Yellow Bottles and Non-Recyclable Glass.
- (5) Sub-sorted to Rubber, Leather, and Other.
- (6) Sub-sorted Cell Phones.
- (7) Sub-sorted to Metal and Plastic.
- (8) Counted as applicable.

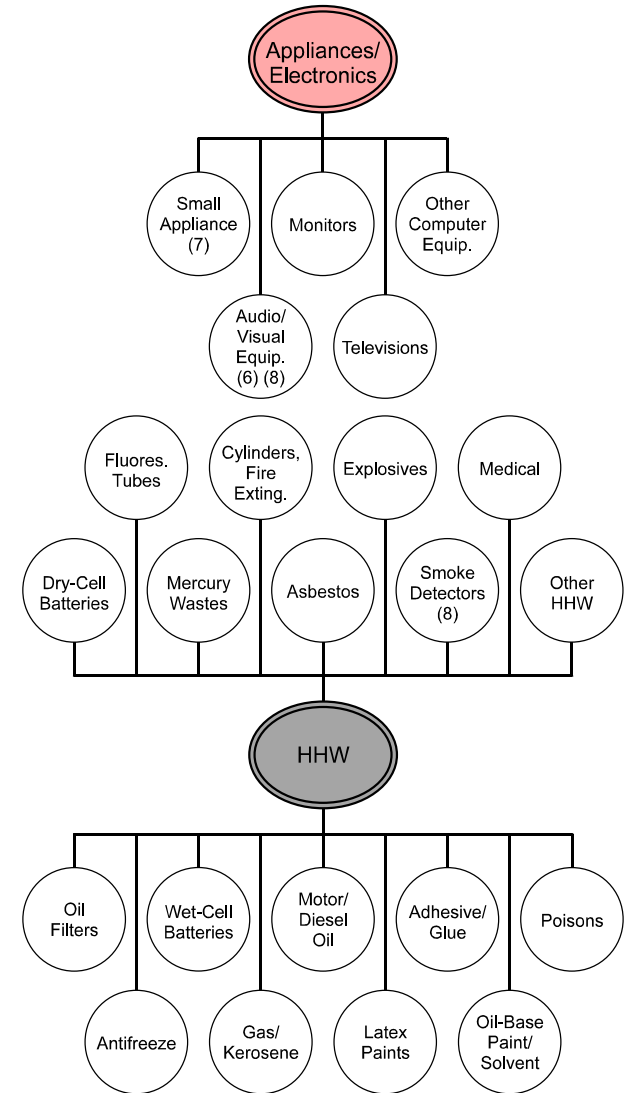
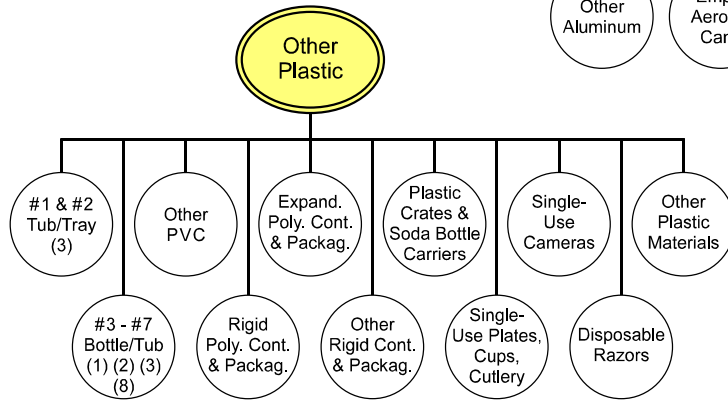
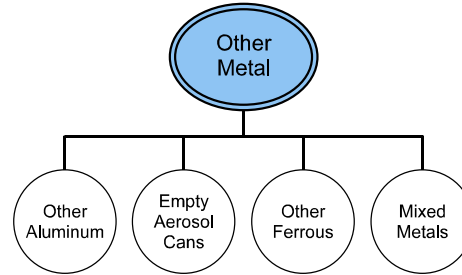
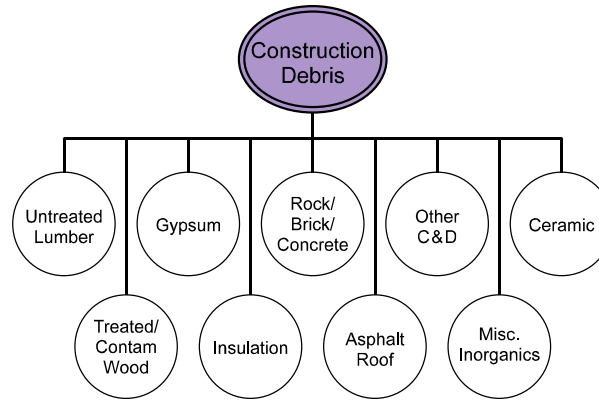
Sub-Sort Table 1: Appliances/Electronics, Construction Debris, Other Plastic, Other Metal, HHW

LEGEND

Containment Sub-Sort Bins

Container Sub-Sort Bins

- Construction Debris
- Appliances/Electronics
- HHW
- Glass
- Paper
- Metal
- Plastic
- Organics













NOTES

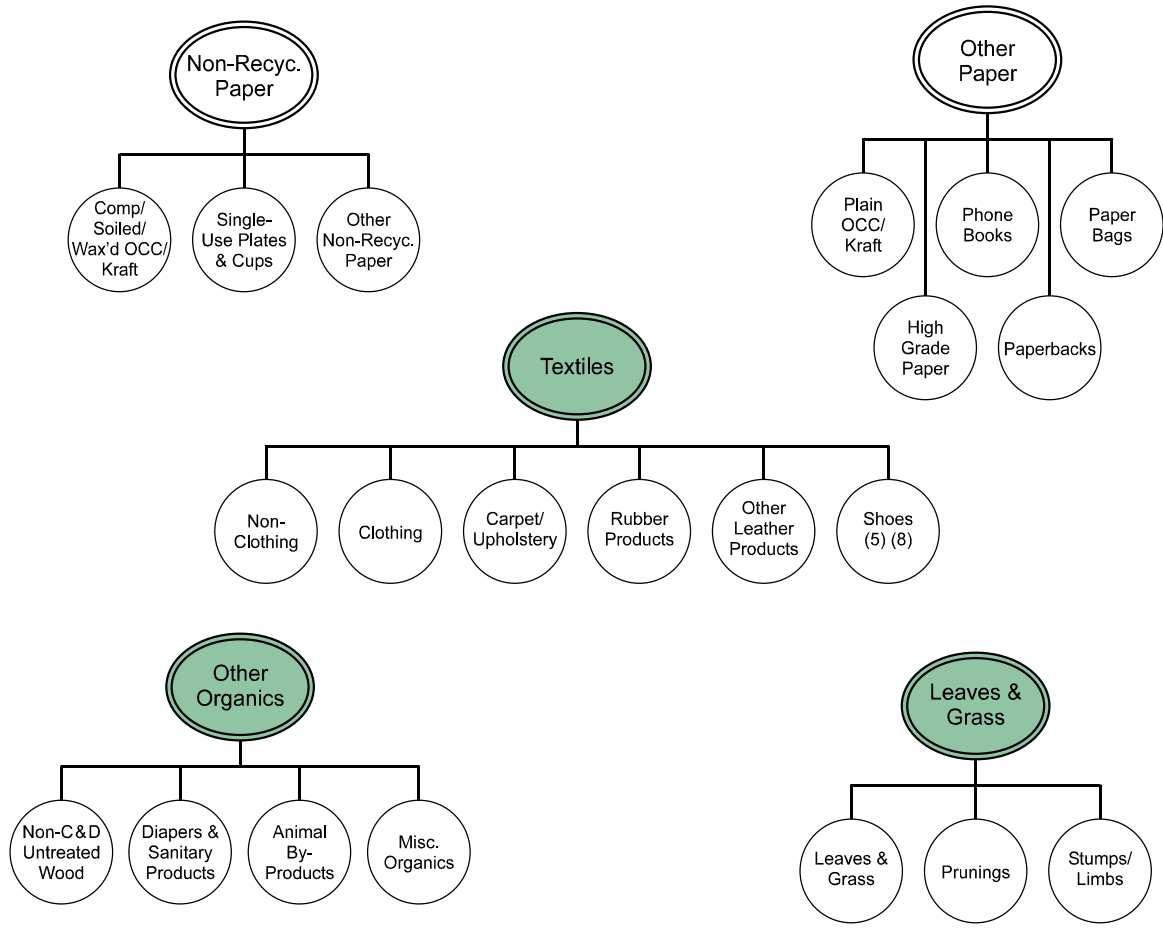
- (1) Sub-sorted to Deposit, Non-Deposit, and Maybe as applicable.
- (2) Sub-sorted to Single-Serve, Multi-Serve, and Non-Beverage as applicable.
- (3) Sub-sorted to stated categories.
- (4) Sub-sorted to Blue, Red, or Yellow Bottles and Non-Recyclable Glass.

- (5) Sub-sorted to Rubber, Leather, and Other.
- (6) Sub-sorted Cell Phones.
- (7) Sub-sorted to Metal and Plastic.
- (8) Counted as applicable.

Sub-Sort Table 1: Non-Recyclable Paper, Other Paper, Textiles, Other Organics, Leaves & Grass

LEGEND

-  Containment Sub-Sort Bins
-  Container Sub-Sort Bins
-  Construction Debris
-  Appliances/Electronics
-  HHW
-  Glass
-  Paper
-  Metal
-  Plastic
-  Organics

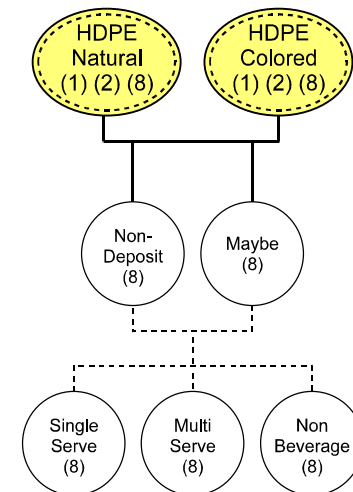
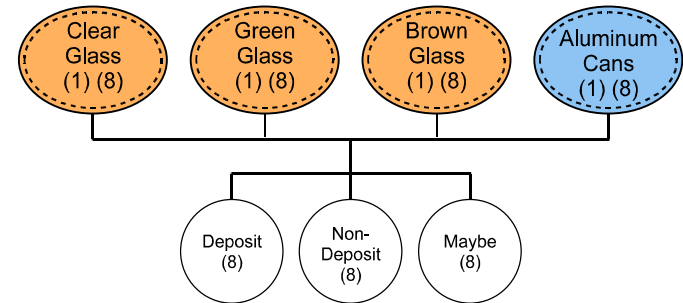
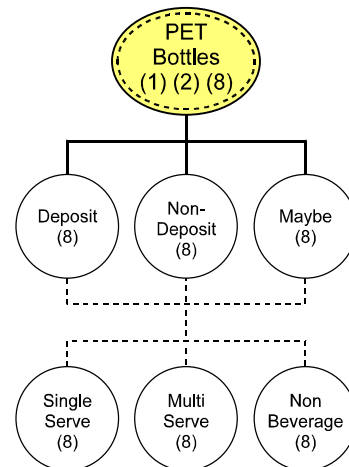
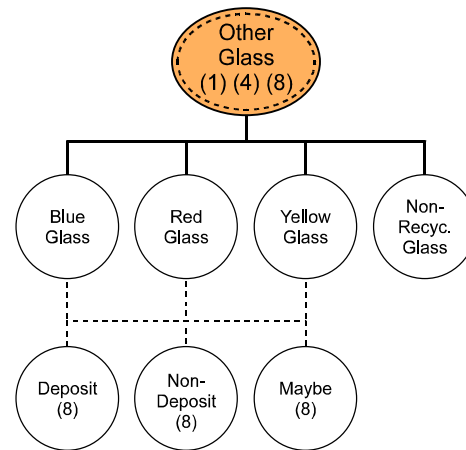
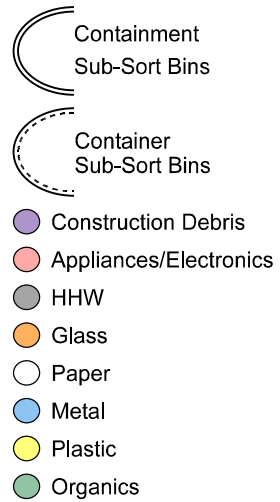


NOTES

- (1) Sub-sorted to Deposit, Non-Deposit, and Maybe as applicable.
- (2) Sub-sorted to Single-Serve, Multi-Serve, and Non-Beverage as applicable.
- (3) Sub-sorted to stated categories.
- (4) Sub-sorted to Blue, Red, or Yellow Bottles and Non-Recyclable Glass.
- (5) Sub-sorted to Rubber, Leather, and Other.
- (6) Sub-sorted Cell Phones.
- (7) Sub-sorted to Metal and Plastic.
- (8) Counted as applicable.

Sub-Sort Table 2: Recyclable Plastic, Glass and Aluminum Containers

LEGEND



NOTES

- (1) Sub-sorted to Deposit, Non-Deposit, and Maybe as applicable.
- (2) Sub-sorted to Single-Serve, Multi-Serve, and Non-Beverage as applicable.
- (3) Sub-sorted to stated categories.
- (4) Sub-sorted to Blue, Red, or Yellow Bottles and Non-Recyclable Glass.

- (5) Sub-sorted to Rubber, Leather, and Other.
- (6) Sub-sorted Cell Phones.
- (7) Sub-sorted to Metal and Plastic.
- (8) Counted as applicable.

Appendix N
Refuse Sort Data Form

NYC Waste Characterization Study

Sample # 2 - 25CW-143 Date Sorted: 5/17/04 Crew Chief: Rory

		Material Categories	Weight(s) (Circle net if weight)	Moisture/ Contamination Test
Paper	1	NEWSPAPER	B 13.75	
	2	PLAIN OCC/KRAFT PAPER	B 10.60	
	3	HIGH GRADE PAPER	B 8.90	
	4	MIXED LOW GRADE PAPER	B 33.05 R 11.15	
	5	PHONE BOOKS		
	6	PAPERBACKS		
	7	PAPER BAGS	B 8.4	
	8	POLYCOATED CONTAINERS	B 7.55	
	9	COMPOSTABLE/SOILED/ WAXED OCC	B 18.15	
	10	SINGLE USE PLATES, CUPS	B 7.55	
	11	OTHER NONRECYC PAPER	B 7.60	
Plastic	12	PET BOTTLES	Deposit N .20 Non-Dep B 7.2 Count: <u>17</u>	
	13	HDPE NATURAL BOTTLES		
	14	HDPE COLORED BOTTLES		
	15	#1-#2 TUBS/TRAYS	#1 PET #2 HDPE	
	16	#3-#7 CONTAINERS	#3 PVC #4 LDPE #5 PP N .70 #7 Other N .10	
	17	OTHER PVC		
	18	RIGID POLYSTYRENE	B 7.70	
	19	EXPANDED POLYSTYRENE	B 7.35	
	20	OTHER RIGID CONTAINERS/PACKAGING	N .20	
	21	PLASTIC BAGS	B 9.95	
	22	OTHER FILM:	B 18.80	
	23	PLASTIC CRATES AND SODA BOTTLE CARRIERS		
	24	SINGLE-USE FOOD SVC	B 6.75	
	25	SINGLE USE CAMERAS	Count: _____	
	26	DISPOSABLE RAZORS	Count: _____	
	27	OTHER PLASTICS MATERIALS	B 9.60	
Glass	28	CLEAR GLASS	Deposit _____ Non-Dep _____ Count: _____	
	29	GREEN GLASS	Deposit _____ Non-Dep B 11.10 Count: _____	
	30	BROWN GLASS	Deposit _____ Non-Dep _____ Count: _____	
	31	MIXED CULLET	B 6.35	
	32	OTHER GLASS		
	Metal	33	ALUM. CANS	Deposit B 6.25 Non-Dep _____ Count: <u>9</u>
34		ALUMINUM FOIL/TINS	B 9.10	
35		OTHER ALUMINUM		
36		OTHER NONFERROUS		
37		TIN FOOD CANS	B 8.80	
38		EMPTY AEROSOL CANS		
39		OTHER FERROUS	B 13.00	
40		MIXED MATERIALS		
Organic	41	LEAVES AND GRASS		
	42	PRUNINGS		
	43	STUMPS/LIMBS		
	44	FOOD	B 23.95	
	45	NON-C&D, UNTREATED WOOD	B 6.05	
	46	NONCLOTHING TEXTILES	B 7.25	
	47	CLOTHING TEXTILES	B 8.45	
	48	CARPET/UPHOLSTERY	B 18.60	

		Material Categories	Weight(s) (Circle net if weight)	Moisture/ Contamination Test
Organic (cont.)	49	DISP. DIAPERS/SAN PROD.	B 11.35	
	50	ANIMAL BY-PRODUCTS		
	51	RUBBER PRODUCTS	B 11.15	
	52	SHOES Count of each subsort	Rubber Leather Other _____ _____ _____	
	53	OTHER LEATHER PRODUCTS		
	54	FINES	B 20.02	
	55	MISCELLANEOUS ORGANICS	B 8.25	
Appliance & Electronics	56	SMALL APPLIANCES		
	57	AUDIO/VISUAL EQUIPMENT cell phones	N 1.90 Weight: _____ Count: _____	
	58	COMPUTER MONITORS		
	59	TELEVISIONS		
	60	OTHER COMPUTER EQUIP		
Construction Debris	61	UNTREATED DIMENSION LUMBER, PALLETS, CRATES	R 13.95	
	62	TREATED/CONTAM WOOD	R 12.85	
	63	GYPSON SCRAP	R 31.70	
	64	FIBERGLASS INSULATION		
	65	ROCK/CONCRETE/BRICKS		
	66	ASPHALTIC ROOFING		
	67	OTHER C&D DEBRIS	R 14.05	
Misc.	68	MISC. INORGANICS		
	69	CERAMICS		

HHW SUBSORTS

HHW Bin Number	Bin Description	Count	Category	Weight(s) (Circle net if weight)
HHW-1	Automotive- related Products	70	OIL FILTERS	
		71	ANTIFREEZE	
		72	WET-CELL BATTERIES	
		73	GASOLINE/KEROSENE	
		74	MOTOR OIL/DIESEL OIL	
HHW-2	HHW Contained in Cans/Bottles/ Tubs	75	LATEX PAINTS	
		76	WATER AND SOLVENT- BASED ADHESIVES/GLUES	
		77	OIL-BASED PAINT/SOLVENT	
		78	PESTICIDES/HERBICIDE S/ RODENTICIDES	
HHW-3	Dry-cell Batteries	79	DRY-CELL BATTERIES	N .15
HHW-4	Other HHW	80	FLUORESCENT TUBES	
		81	MERCURY-LADEN WASTES	
		82	COMPRESSED GAS CYLINDERS, FIRE EXTINGUISHERS	
		83	ASBESTOS	
		84	EXPLOSIVES	
		85	SMOKE DETECTORS	Count: _____
		86	HOME MEDICAL PRODUCTS	N .01 1 syringe
		87	OTHER POTENTIALLY HARMFUL WASTES:	

Appendix O
Recycling Sort Data Form (Paper and MGP)

NYC Waste Characterization Study

Sample # BK-15-2-2 Date Sorted: 6/10/04 Crew Chief: Amity

			Material Categories	Weight(s) (Circle net if weight)	Moisture Sample	
Paper	1	P-1	NEWSPAPER	L 6.10		
	2	P-2	PLAIN OCC/KRAFT PAPER			
	3	P-3	HIGH GRADE PAPER			
	4	P-4	MIXED LOW GRADE PAPER	L 6.65		
	5	P-5	PHONE BOOKS			
	6	P-6	PAPERBACKS			
	7	P-7	PAPER BAGS			
	8	P-8	POLYCOATED CONTAINERS	L 8.45		
		C-1	NON-RECYCLABLE PAPER	9) Compostable/Soiled L 5.95 10) Plates/Cups 11) Other Non-Recyc L 6.00 L 6.05		
Plastic	21	C-2	PLASTIC BAGS	L 7.10	moist samp	
	22	C-3	OTHER FILM	L 9.50	moist samp	
		C-4	INJECT'N MOLDED CONTAINERS	15a) #1 PET Tubs/Trays 15b) #2 HDPE Tub/Tray 16) #3 Tub	16) #4 Tub 16) #5 Tub M 2.40 16) #7 Tub	
		C-5	OTHER PLASTIC	18) Rigid PS M 2.00 19) Exp PS S 1.00 20) Oth Rig Contain 24) Food Svc 17) Oth PVC 19) Exp PS 20) Oth Rig Contain M 3.70 N .01 23) Crates/Soda Bottle Carriers	moist samp moist samp moist samp moist samp 25) Cameras 26) Razors 27) Oth Plas L 16.20	
	31	C-6	MIXED CULLET	L 31.00 L 17.25		
	32a	C-7	NON-RECYC GLASS			
	69	C-8	CERAMICS	L 6.50		
		C-9	OTHER METAL	35) Other Alum 36) Other Non-fer N 9.55 38) Aerosol N 1.25	39) Oth Fer. N 3.0 L 12.5 40) Mix Metal	
	Organic		C-10	LEAVES AND GRASS	41) Lvs/Grass 42) Prunings	43) Stumps/Limbs
		44	C-11	FOOD		
			C-12	TEXTILE/RUBBER/LEATHER	46) Non-Clothing 47) Clothing 48) Carpet/Upholstery 51) Rubber	moist samp moist samp 53) Leather
		52	C-13	SHOES	Weight Count	Rubber Leather Other Rubber Leather Other
			C-14	OTHER ORGANICS	45) Non C&D Wood 49) Diapers	50) Animal Prods 55) Misc Org: L 6.25
54		C-15	FINES	S 1.30		
Appliance & Electronics			C-16	APPLIANCES & ELECTRONICS	56) Small Appl. 57a) Audio/vis Equip 57b) Cell phones Count ____	58) Monitors 59) TVs 60) Oth Comp
		Constr. Debris		C-17	CONSTRUCTION DEBRIS	61) Untreated Lumber 62) Treated/Cont Wood 63) Gypsum 64) Insulation

HHW C-18	70	OIL FILTERS	76	ADHESIVES/GLUES	82	CYLNDRS, FIRE EXT
	71	ANTIFREEZE	77	OIL-BASE PNT/SOLVNT	83	ASBESTOS
	72	LEAD ACID BATT	78	POISONS	84	EXPLOSIVES
	73	GAS/KEROSENE	79	DRY-CELL BATTERIES	85	SMK DETECTORS
	74	MOTOR OIL	80	FLUOR TUBES	86	MEDICAL
	75	LATEX PAINTS	81	MERCURY WASTES	87	OTHER HHW

Count of Smoke Detectors _____

NYC Recyclables Characterization Study

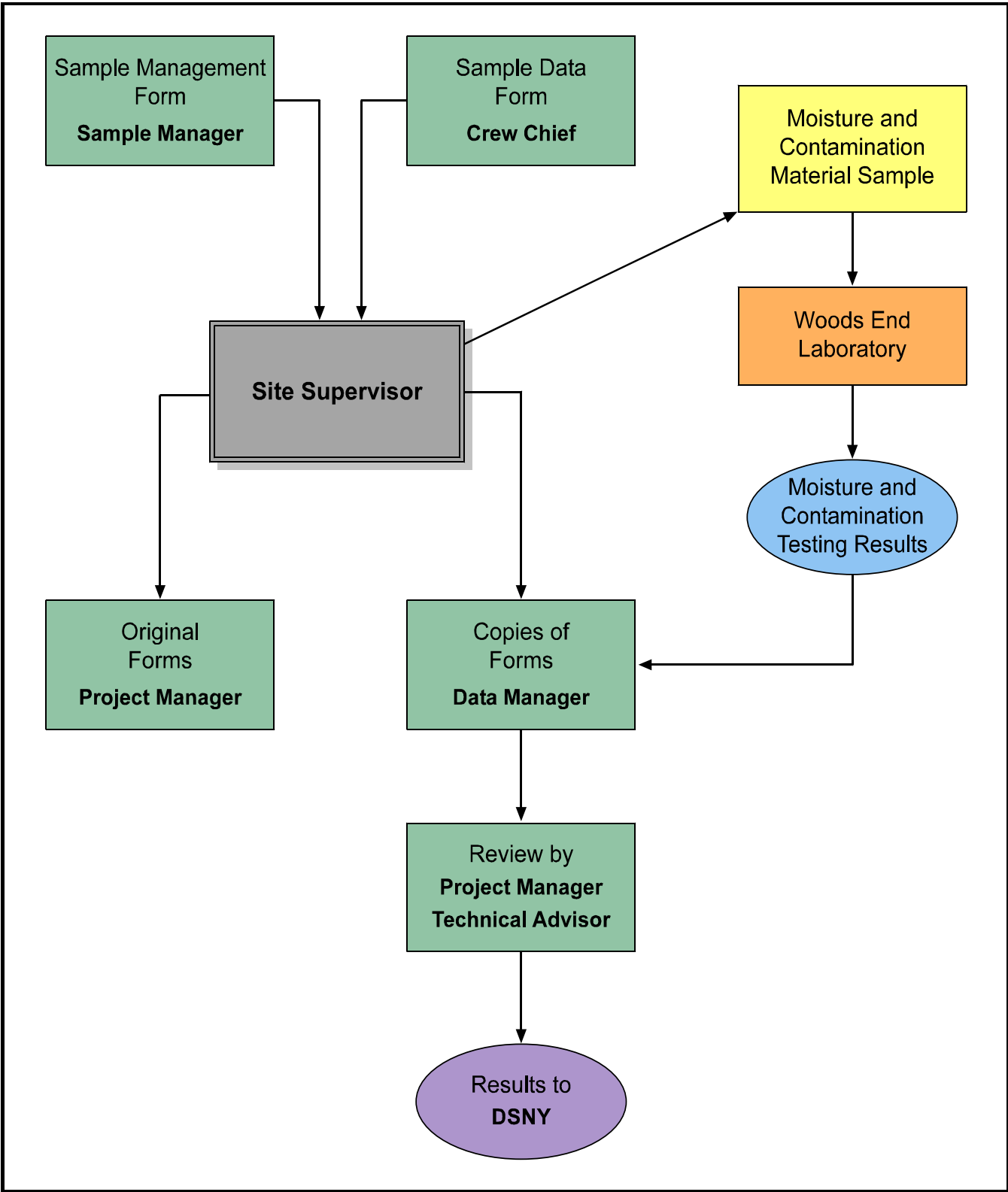
Sample #: 114

Date Sorted: 6/10/04

Crew Chief: Amity

			Subsort by Deposit						Subsort by Size/Type				Moisture Sample	
			Deposit	Non-Deposit			Maybe		Single Serve Beverage	Multi-serve Beverage	Non-Beverage			
PLASTIC	MGP-1	12	PET BOTTLES	L 6.60	N .05	N .15	M 2.8	N .80	L 8.15	L 8.15	L 7.45	N .05	N .15	
			Count	5	1	2	8	3	21	21	7	1	2	
	MGP-2	13	HDPE NATURAL BOTTLES		L 7.15									
			Count		9									
	MGP-3	14	HDPE PIGMENT BOTTLES		M 2.5	L 6.5	N .10				N .20	M .5	L 6.3	N .10
			Count		3	3	1				1	3	2	1
	MGP-4	15c	#3 BOTTLES											
		Count												
MGP-5	15d	#4 BOTTLES												
		Count												
MGP-6	15e	#5 BOTTLES		S .90										
		Count		3										
MGP-7	15f	#7 BOTTLES					N .35			N .35				
		Count					1			1				
GLASS	MGP-8	28	CLEAR GLASS		L 9.05									
			Count		7									
	MGP-9	29	GREEN GLASS	N .55										
			Count	1										
MGP-10	30	BROWN GLASS	L 7.45											
		Count	2											
MGP-11	32b	BLUE/RED/YELLOW												
		Count												
METAL	MGP-12	33	ALUM. CANS	L 6.3	N .15	L 5.95	S 1.7							
			Count	13	1	4	1							
	MGP-14	34	ALUM FOIL/TINS	L 6.90										
MGP-13	37	TIN FOOD CANS	L 14.60											

Appendix P
Document Chain of Custody



Appendix Q

Refuse Sort Staffing

Refuse Sort Staffing

Staffing

In both the PWCS Work Plan (see Appendix A) and the PWCS Operations Plan (see Appendix B), the R. W. Beck Project Team proposed to use two sorting crews for the Refuse Sort. However, after two days of sorting, it became clear to the professional staff that it would take more than two sorting crews to sort and weigh the 200 refuse samples into 87 categories. Therefore, arrangements were made to add a third sorting crew. These arrangements included hiring additional temporary workers, bringing in additional Professional Staff person, and constructing an additional sub-sorting table. The third sorting crew was assembled and working by Thursday, May 20, 2004, the fourth day of the refuse sort.

Professional Staff

The R. W. Beck Project Team had ten professionals present on May 17, 2004, which was designated as a training day. Four of these professionals, Jonathan Burgiel, John Culbertson, Charlie Scott, and Mack Rugg were present for the training, but were not expected to remain on site for the duration of the Refuse Sort.

Job Descriptions

The PWCS Refuse Sort included the following professional positions:

- **Project Manager** – The Project Manager has overall responsibility for the conduct of the sort and was the primary liaison between the R. W. Beck Project Team and the DSNY. The specific responsibilities of the Project Manager included the selection and monitoring of the professional staff, budget oversight, interactions with the DSNY and other City agencies, and setting policies and procedures for sampling and sorting.
- **Field Supervisor** – The Field Supervisor has responsibility for all activities at the Greenpoint MTS, including record-keeping, the functioning of the sorting crews, preparing moisture samples, and providing equipment and supplies to the sorting crews, as needed. For questions regarding the classification of materials, the Field Supervisor had the final word regarding material categorization.
- **Crew Chief** – The Crew Chief had responsibility for his/her sorting crew, including seeing that safe sorting procedures were used, workers were sorting efficiently, that sorting was done in accordance with agreed upon protocols, and making sure that the crew's sorting area was clean and neat.
- **Sample Manager** – The Sample Manager was responsible for acquiring refuse samples from the WMI transfer stations, transporting them to the MTS, and staging them for the sorting crews. The Sample Manager's responsibilities included working cooperatively with the WMI transfer station staff and the DSNY staff at the transfer station, selecting random refuse samples of at least 200 pounds, and operating the sampling trucks with care.

Personnel

A total of 12 members of the professional staff were present for some part of the Refuse Sort. Four of those people were scheduled to be present only for the training day and, in two cases, the second day of the sorting period. The individuals working on the PWCS Refuse Sort included:

- Jonathan Burgiel, R. W. Beck, Principal-in-Charge: On site for two days
- Tom Jones, R. W. Beck, Project Manager: On site for duration of the Refuse Sort
- John Culbertson, Technical Advisor: On site for two days
- Mack Rugg, CDM, Technical Advisor: On site for one day
- Charlie Scott, Cascadia, Technical Advisor: On site for one day
- Tanya Tarnecki, Cascadia, Field Supervisor: On site for duration of the Refuse Sort
- Rory Tipton, R. W. Beck, Crew Chief: On site for duration of the Refuse Sort
- John Buri, R. W. Beck, Crew Chief/Sample Manager: On site for duration of the Refuse Sort
- Sean Perera, R. W. Beck, Crew Chief/Sample Manager: On site for duration of the Refuse Sort
- Susan Jorash, R. W. Beck, Crew Chief: On site for duration of the Refuse Sort
- Randy Bowen, R. W. Beck, Crew Chief: On site for duration of the Refuse Sort
- Brian Scott, R. W. Beck, Sample Manager: On site for duration of the Refuse Sort

The specific days worked by each of the professional staff are shown in the attendance lists which are presented in Appendix R.

Temporary Workers

The R. W. Beck Project Team obtained temporary workers from the Active Personnel Agency located at 41 West 33rd, New York, New York. An average of 19 temporary laborers per day worked on the Refuse Sort and an accounting of the specific days worked by each temporary worker is shown in the attendance lists in Appendix S.

It should be noted that the quality of the temporary workers was exemplary. The workers were punctual, hard-working, and very quick to understand and implement the sorting procedures. The growth in productivity during the refuse sorting period, as shown in Table 3, was indicative of these positive attributes.

Table 3
Refuse Samples Collected and Sorted

	Samples Collected	Samples Sorted
May 17	42 ⁽¹⁾	5
May 18	21	13
May 19	21	20

May 20	21	22
May 21	21	22
May 22	22	22
May 24	18	28
May 25	20	28
May 26	20	29
May 27	<u>1</u>	<u>11</u>
Total	209⁽²⁾	200

(1) 21 samples were collected on May 15 and 21 samples were collected on May 17.

(2) Nine surplus samples were collected in anticipation of truck break-downs.

Sorting productivity increased on May 19th when a third sorting crew was added and on May 24th when an additional professional staff member, Randy Bowen, joined the R.W. Beck Project Team.

Staff Training

As noted above, staff training took place on May 17, 2004. John Culbertson, R. W. Beck's Technical Advisor, conducted the training which consisted of the following topics under three headings:

- Introduction
 - An introduction of R. W. Beck and the professional staff,
 - An overview of the Preliminary Waste Characterization Study,
 - An explanation of what a "sample" was and the purpose of the study,
- Health and Safety
 - A discussion of proper protective clothing to be used during the sort,
 - A lecture and demonstration of safe sorting practices,
 - An explanation of what to do in case of an injury or illness
- Sorting procedures
 - An explanation of the major material groups – paper, plastics, metals, etc. – and where they are placed on the sorting table,
 - A detailed discussion of the 87 material categories,
 - An explanation of sorting and sub-sorting procedures.

After these topics were discussed, the first sample was placed on a sorting table and a group of sorters were selected to begin sorting a refuse sample while the other temporary workers watched. This was a practical demonstration of sorting, emphasizing both the safety aspects and the procedures. After the first sample was sorted, John Culbertson discussed the contents of each of the material bins to emphasize the important of quality sorting, i.e. getting the material in the proper bin.

The training gradually merged into sorting with the professional staff and temporary workers divided into sorting crews and sorting samples under the supervision of the Crew Chiefs and the Technical Advisors. Because of the time needed to explain the sorting procedures to the temporary workers and organize the workers into effective crew teams, only five samples of refuse were sorted on the first day of the Refuse Sort. As Table 3 shows, productivity increased dramatically thereafter.

Accommodations and Transportation

During the PWCS Refuse Sort, the professional staff resided at the Super 8 Motel in Long Island City. Although the staff was very cooperative the motel lacked a high-speed internet connection which made communication by e-mail and the exchange of data files cumbersome during the Refuse Sort.

The R.W. Beck Project Team leased five vehicles. Three cars were rented to transport the professional staff and obtain needed supplies during the sorting period. In addition, two trucks with automated lift gates were leased to transport refuse samples from the transfer stations to the MTS.

Appendix R

Recyclables Sort Staffing

Recyclables Sort Staffing

Staffing

Based on the experience in the Refuse Sort, and based on the anticipated level of complexity of the Paper and MGP subsorts, the R.W. Beck Project Team planned to use three sorting crews for the Recyclables Sort. This configuration proved to be highly successful, with one crew specializing in the Paper sorts, and two crews specializing in the MGP sorts.

Professional Staff

The R.W. Beck Project Team had ten professionals present on June 7th, which was designated as a training day. One professional, John Culbertson, was present for the training, but did not remain on site for the duration of the Recyclables Sort.

Job Descriptions

The PWCS Recyclables Sort included the same professional positions that were used in the Refuse Sort:

- **Project Manager** – The Project Manager has overall responsibility for the conduct of the sort and was the primary liaison between the R.W. Beck Project Team and the DSNY. The specific responsibilities of the Project Manager included the selection and monitoring of the professional staff, budget oversight, interactions with the DSNY and other City agencies, and setting policies and procedures for sampling and sorting.
- **Field Supervisor** – The Field Supervisor has responsibility for all activities at the Greenpoint MTS, including record-keeping, the functioning of the sorting crews, preparing moisture samples, and providing equipment and supplies to the sorting crews, as needed. For questions regarding the classification of materials, the Field Supervisor had the final word regarding material categorization.
- **Crew Chief** – The Crew Chief has responsibility for his/her sorting crew, including seeing that safe sorting procedures were used, workers were sorting efficiently, that sorting was done in accordance with agreed upon protocols, and making sure that the crew's sorting area was clean and neat.
- **Sample Manager** – The Sample Manager was responsible for acquiring refuse samples from the private processing centers, transporting them to the MTS, and staging them for the sorting crews. The Sample Manager's responsibilities included working cooperatively with the staff of the processing centers and the DSNY staff at these facilities, selecting random samples of paper and MGP of at least 100 pounds, and operating the sampling trucks with care.

Personnel

A total of 10 members of the professional staff were present for some part of the Refuse Sort. Four of those people were scheduled to be present only for the training day and, in two cases, the second day of the sorting period. The individuals working on the PWCS Refuse Sort included:

- Jonathan Burgiel, R.W. Beck, Principal-in-Charge: On site for one day
- Tom Jones, R.W. Beck, Project Manager: On site for duration of the Recyclables Sort
- John Culbertson, R.W. Beck, Technical Advisor: On site for two days
- Sean Perera, R.W. Beck, Field Supervisor: On site for duration of the Recyclables Sort
- Amity Lumper, Cascadia, Crew Chief: On site for the duration of the Recyclables Sort
- Tim Buwalda, R.W. Beck, Crew Chief: On site for the duration of the Recyclables Sort
- Whitney Rusert, R.W. Beck, Crew Chief: On site for the duration of the Recyclables Sort
- Randy Bowen, R.W. Beck, Crew Chief/Sample Manager: On site for the duration of the Recyclables Sort
- John Hermann, R.W. Beck, Sample Manager: On site for three days of the Recyclables Sort
- Craig Shepherd, R.W. Beck, Sample Manager: On site for the duration of the Recyclables Sort

The specific days worked by each of the professional staff are shown in the attendance lists which are presented in Appendix T.

Temporary Workers

The R.W. Beck Project Team obtained temporary workers for the Recyclables Sort from the Active Personnel Agency, the same agency that had provided workers for the Refuse Sort. Approximately 18 temporary laborers worked on the Recyclables Sort each day and an accounting of the specific days worked by each temporary worker is shown in the attendance lists in Appendix S.

Again, the quality of the temporary workers was excellent. The productivity during the recyclables sorting period, as shown in Table 16, reflects their continuous improvement in productivity and efficiency.

Table 16
Recyclable Samples Collected and Sorted

	Samples Collected		Samples Sorted	
	MGP	Paper	MGP ⁽¹⁾	Paper ⁽²⁾
June 7	17	16	8	13
June 8	20	17	20	20
June 9	16	17	20	17
June 10	17	15	20	15
June 11	17	17	19	17
June 12	<u>17</u>	<u>17</u>	<u>17</u>	<u>17</u>
Total	104	99	104	99

(1) Number of samples sorted by two crews on each day.

(2) One crew only.

Staff Training

As noted above, staff training took place on June 7, 2004. To maintain consistency with the Refuse Sort, John Culbertson, R. W. Beck's Technical Advisor, again conducted the training which consisted of an introduction of the project, an overview of health and safety considerations, and detailed instruction on the sorting procedures. Additional details about training are provided in Section 3.

In general, the project introduction and health and safety portions of the training were similar to the Refuse Sort. Many of the temporary laborers had previously participated in the Refuse Sort, and this information was already familiar to these individuals.

Because of the new sorting procedures, extra time was spent to "re-train" Refuse Sort veterans on the new Recyclables Sort procedures. Temporary laborers with Refuse Sort experience were quick to adapt to the new procedures, which minimized lost time during the training process.

To update all temporary laborers on the new Recyclables Sort procedures, a paper sample was placed on a sorting table and a group of sorters were selected to begin sorting the sample while the other temporary workers watched. This was a practical demonstration of sorting, emphasizing both the safety aspects and the procedures. After the paper sample was sorted, John Culbertson discussed the contents of each of the material bins to emphasize the importance of quality sorting, i.e. getting the material in the proper bin. This process was repeated for MGP.

The training rapidly merged into sorting with the professional staff and temporary workers divided into sorting crews and sorting samples under the supervision of the Crew Chiefs and the Technical Advisor. Because of the time needed to explain the sorting procedures to the temporary workers and organize the workers into effective crews, only 13 paper samples and 9 MGP samples were sorted on the first day of the Recyclables Sort. As Table 16 shows, productivity increased to full capacity by the second day, and remained high throughout the sort.

Accommodations and Transportation

During the PWCS Recyclables Sort, the professional staff resided at the Comfort Inn in Long Island City. Although the motel had a high-speed internet connection, there were various problems with faxes which made communication by fax difficult.

The R. W. Beck Project Team leased five vehicles. Three cars were rented to transport the professional staff and obtain needed supplies during the sorting period. In addition, two trucks with automated lift gates were leased to transport recyclable samples from the processing centers to the MTS.

Appendix S

Refuse Sort Attendance List

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 17, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Jonathan Burgiel	Professional	Principal in Charge	Day	Greenpoint MTS
John Culbertson	Professional	Technical Advisor	Day	Greenpoint MTS
Charlie Scott	Professional	Technical Advisor	Day	Greenpoint MTS
Debbie McDonough	Professional	Data Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	10am - 6pm	HRY
Sean Perera	Professional	Sample Manager	12am - 6am	Varick
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
John Berry	Temp. Worker	Sampling Helper	10am - 6pm	HRY
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
John Berry	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS
Colin Grant	Temp. Worker	Sorter	Day	Greenpoint MTS
Ricky McCollum	Temp. Worker	Sorter	Day	Greenpoint MTS
Eliel Santiago	Temp. Worker	Sorter	Day	Greenpoint MTS
Herbet Bartholomew	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 18, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	10am - 6pm	HRV
Sean Perera	Professional	Sample Manager	12am - 6am	Varick
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
Christopher Clennon	Temp. Worker	Sampling Helper	10am - 6pm	HRV
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 19, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	10am - 6pm	HRV
Sean Perera	Professional	Sample Manager	12am - 6am	Varick
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
John Berry	Temp. Worker	Sampling Helper	10am - 6pm	HRV
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Harold Heyward	Temp. Worker	Sorter	Day	Greenpoint MTS
Shakir Campbell	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Gregory Smoot	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Auren	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 20, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	10am - 6pm	HRV
Sean Perera	Professional	Sample Manager	12am - 6am	Varick
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
John Berry	Temp. Worker	Sampling Helper	10am - 6pm	HRV
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa				
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Eli Norris				
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 21, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	10am - 6pm	HRV
Sean Perera	Professional	Sample Manager	12am - 6am	Varick
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
John Berry	Temp. Worker	Sampling Helper	10am - 6pm	HRV
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Eli Norris	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS
Colin Grant	Temp. Worker	Sorter	Day	Greenpoint MTS
Ricky McCollum	Temp. Worker	Sorter	Day	Greenpoint MTS
Eliel Santiago	Temp. Worker	Sorter	Day	Greenpoint MTS
Herbet Bartholomew	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 22, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	12am - 6am	HRV
Sean Perera	Professional	Sample Manager	12am - 6am	HRV
John Buri	Professional	Sample Manager	12am - 6am	Varick
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
John Berry	Temp. Worker	Sampling Helper	10am - 6pm	HRV
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
John Berry	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS
Colin Grant	Temp. Worker	Sorter	Day	Greenpoint MTS
Eli Norris	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 24, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	12am - 6am	HRV
Sean Perera	Professional	Sample Manager	12am - 6am	HRV
John Buri	Professional	Sample Manager	12am - 6am	Varick
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS
Colin Grant	Temp. Worker	Sorter	Day	Greenpoint MTS
Herbet Bartholomew	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Romel Monpoint	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 25, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	12am - 6am	HRY
Sean Perera	Professional	Sample Manager	12am - 6am	HRY
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	HRY
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Raymond Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS
Colin Grant	Temp. Worker	Sorter	Day	Greenpoint MTS
Herbet Bartholomew	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Romel Monpoint	Temp. Worker	Sorter	Day	Greenpoint MTS
Eli Norris	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 26, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Brian Scott	Professional	Sample Manager	12am - 6am	HRV
Sean Perera	Professional	Sample Manager	12am - 6am	Varick
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
Kevin Reese	Temp. Worker	Sampling Helper	12am - 6am	HRV
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS
Colin Grant	Temp. Worker	Sorter	Day	Greenpoint MTS
Herbet Bartholomew	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Eli Norris	Temp. Worker	Sorter	Day	Greenpoint MTS
Eliel Santiago	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List**

Date: May 27, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Tanya Tarnecki	Professional	Site Supervisor	Day	Greenpoint MTS
Sean Perera	Professional	Sample Manager	12am - 6am	HRV
Susan Jorash	Professional	Crew Chief	Day	Greenpoint MTS
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Rory Tipton	Professional	Crew Chief	Day	Greenpoint MTS
John Buri	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 6am	Varick
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Jose Marias	Temp. Worker	Sorter	Day	Greenpoint MTS
Winston Peteross	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darryll Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Michael Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Jefferson Coral	Temp. Worker	Sorter	Day	Greenpoint MTS
Colin Grant	Temp. Worker	Sorter	Day	Greenpoint MTS
Herbet Bartholomew	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Eli Norris	Temp. Worker	Sorter	Day	Greenpoint MTS
Elieel Santiago	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Romel Monpoint	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS

Appendix T
Recycling Sort Attendance List

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List
Recycling Sort**

Date: June 7, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Sean Perera	Professional	Site Supervisor	Day	Greenpoint MTS
Craig Shepherd	Professional	Sample Manager	12am - 8am	Hugo Neu
John Hermann	Professional	Sample Manager	12am - 8am	Metropolitan
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Michael Giampetro	Professional	Crew Chief	Day	Greenpoint MTS
Amity Lumpfer	Professional	Crew Chief	Day	Greenpoint MTS
Tim Buwalda	Professional	Crew Chief	Day	Greenpoint MTS
John Culbertson	Professional	Technical Advisor	Day	Greenpoint MTS
Whitney Rusert	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 8am	Hugo Neu
Kevin Reese	Temp. Worker	Sampling Helper	12am - 8am	Metropolitan
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darrell Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Richard Vergara	Temp. Worker	Sorter	Day	Greenpoint MTS
Deshawn Johnson	Temp. Worker	Sorter	Day	Greenpoint MTS
Lawrence Hall	Temp. Worker	Sorter	Day	Greenpoint MTS
Rashard Pitt	Temp. Worker	Sorter	Day	Greenpoint MTS
William Harris	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List
Recycling Sort**

Date: June 8, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Sean Perera	Professional	Site Supervisor	Day	Greenpoint MTS
Craig Shepherd	Professional	Sample Manager	12am - 8am	Hugo Neu
John Hermann	Professional	Sample Manager	12am - 8am	Metropolitan
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Michael Giampetro	Professional	Crew Chief	Day	Greenpoint MTS
Amity Lumpfer	Professional	Crew Chief	Day	Greenpoint MTS
Tim Buwalda	Professional	Crew Chief	Day	Greenpoint MTS
John Culbertson	Professional	Technical Advisor	Day	Greenpoint MTS
Whitney Rusert	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 8am	Hugo Neu
Kevin Reese	Temp. Worker	Sampling Helper	12am - 8am	Metropolitan
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darrell Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Richard Vergara	Temp. Worker	Sorter	Day	Greenpoint MTS
Deshawn Johnson	Temp. Worker	Sorter	Day	Greenpoint MTS
Lawrence Hall	Temp. Worker	Sorter	Day	Greenpoint MTS
Rashard Pitt	Temp. Worker	Sorter	Day	Greenpoint MTS
William Harris	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List
Recycling Sort**

Date: June 9, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Sean Perera	Professional	Site Supervisor	Day	Greenpoint MTS
Craig Shepherd	Professional	Sample Manager	12am - 8am	Hugo Neu
John Hermann	Professional	Sample Manager	12am - 8am	Metropolitan
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Michael Giampetro	Professional	Crew Chief	Day	Greenpoint MTS
Amity Lumpfer	Professional	Crew Chief	Day	Greenpoint MTS
Tim Buwalda	Professional	Crew Chief	Day	Greenpoint MTS
Whitney Rusert	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 8am	Hugo Neu
Kevin Reese	Temp. Worker	Sampling Helper	12am - 8am	Metropolitan
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darrell Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Richard Vergara	Temp. Worker	Sorter	Day	Greenpoint MTS
Deshawn Johnson	Temp. Worker	Sorter	Day	Greenpoint MTS
Lawrence Hall	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List
Recycling Sort**

Date: June 10, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Sean Perera	Professional	Site Supervisor	Day	Greenpoint MTS
Craig Shepherd	Professional	Sample Manager	12am - 8am	Hugo Neu
John Hermann	Professional	Sample Manager	12am - 8am	Metropolitan
Randy Bowen	Professional	Crew Chief	Day	Greenpoint MTS
Michael Giampetro	Professional	Crew Chief	Day	Greenpoint MTS
Amity Lumpfer	Professional	Crew Chief	Day	Greenpoint MTS
Tim Buwalda	Professional	Crew Chief	Day	Greenpoint MTS
Whitney Rusert	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 8am	Hugo Neu
Kevin Reese	Temp. Worker	Sampling Helper	12am - 8am	Metropolitan
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darrell Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Richard Vergara	Temp. Worker	Sorter	Day	Greenpoint MTS
Deshawn Johnson	Temp. Worker	Sorter	Day	Greenpoint MTS
Lawrence Hall	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List
Recycling Sort**

Date: June 11, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Sean Perera	Professional	Site Supervisor	Day	Greenpoint MTS
Craig Shepherd	Professional	Sample Manager	12am - 8am	Hugo Neu
Randy Bowen	Professional	Sample Manager	12am - 8am	Metropolitan
Michael Giampetro	Professional	Crew Chief	Day	Greenpoint MTS
Amity Lumper	Professional	Crew Chief	Day	Greenpoint MTS
Tim Buwalda	Professional	Crew Chief	Day	Greenpoint MTS
Whitney Rusert	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 8am	Hugo Neu
Ian Stewart	Temp. Worker	Sampling Helper	12am - 8am	Metropolitan
Carlos Sostre	Temp. Worker	Sorter	Day	Greenpoint MTS
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Demond Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
George Alomar	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darrell Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Noel Correa	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Ernest Robinson	Temp. Worker	Sorter	Day	Greenpoint MTS
Richard Vergara	Temp. Worker	Sorter	Day	Greenpoint MTS
Deshawn Johnson	Temp. Worker	Sorter	Day	Greenpoint MTS
Lawrence Hall	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS

**New York Department of Sanitation
PRELIMINARY WASTE CHARACTERIZATION STUDY
Professional/Temporary Worker Attendance List
Recycling Sort**

Date: June 12, 2004

Name	Professional or Temp.	Role	Shift	Site
Tom Jones	Professional	Project Manager	Day	Greenpoint MTS
Sean Perera	Professional	Site Supervisor	Day	Greenpoint MTS
Craig Shepherd	Professional	Sample Manager	12am - 8am	Hugo Neu
Randy Bowen	Professional	Sample Manager	12am - 8am	Metropolitan
Michael Giampetro	Professional	Crew Chief	Day	Greenpoint MTS
Amity Lumpner	Professional	Crew Chief	Day	Greenpoint MTS
Tim Buwalda	Professional	Crew Chief	Day	Greenpoint MTS
Whitney Rusert	Professional	Crew Chief	Day	Greenpoint MTS
Dennis Brown	Temp. Worker	Sampling Helper	12am - 8am	Hugo Neu
Ian Stewart	Temp. Worker	Sampling Helper	12am - 8am	Metropolitan
Keith McCurdy	Temp. Worker	Sorter	Day	Greenpoint MTS
Raul Aurena	Temp. Worker	Sorter	Day	Greenpoint MTS
Ramon Romero	Temp. Worker	Sorter	Day	Greenpoint MTS
David Strickland	Temp. Worker	Sorter	Day	Greenpoint MTS
Darrell Brimmage	Temp. Worker	Sorter	Day	Greenpoint MTS
Abdur-Rahin Rahman	Temp. Worker	Sorter	Day	Greenpoint MTS
Richard Vergara	Temp. Worker	Sorter	Day	Greenpoint MTS
Deshawn Johnson	Temp. Worker	Sorter	Day	Greenpoint MTS
Lawrence Hall	Temp. Worker	Sorter	Day	Greenpoint MTS
Eugene Escott	Temp. Worker	Sorter	Day	Greenpoint MTS