

Miami MRF Back-End Composition Study

Study Date: 4/10/2023

Samples Collected From: 4/3/23-4/8/23

Material Collected From: City of Hollywood

Material Production

Commodities	Lbs	Tons	Material Percentage	Comments	
OCC	7866	3.93	9.9%	Average reading of 11% moisture	Can not exceed 12% Moisture
Mix Paper	707	0.35	0.9%		
Contaminated Mix Paper	21241	10.62	26.9%	Average reading of 21% moisture	Moisture levels exceed the allowable 12%
PET	2990	1.50	3.8%		
HDPE Color	1043	0.52	1.3%		
HDPE Natural	463	0.23	0.6%		
Tin/Steel	828	0.41	1.0%		
UBC	512	0.26	0.6%		
Residual (Compactor)	7000	3.50	8.8%		
Residual (Open Top)	19260	9.63	24.3%		
Scrap Metal	212	0.11	0.3%		
Glass	16980	8.49	21.5%		
Totals	79102	39.6	100.0%		
	Total Residual/includiing glass	32.24	81.5%		

Operating Stats

System Start: 8:30 AM

System End: 1:40 PM

Time Ran: 2:32

Downtime: 1:28

Tons Per Hour: 9.5

Total Prep Time: 2:00

Study Completion Time: 4:30pm

City of Hollywood Composition Study

Samples Collected From:

4/3/23-4/8/23

Sample Collected By:

Pembroke Park Transfer Station

Date	Time	Ticket #	Truck #	Tons
04/03/23	11:36 AM	75912	351	6.57
04/03/23	1:57 PM	75962	133050	8.12
04/03/23	3:07 PM	75985	13091	7.33
04/04/23	2:00 PM	76145	133050	6.12
04/04/23	1:50 PM	76142	13091	9.57
04/04/23	12:02 PM	76105	1426	6.28
04/04/23	12:46pm	76120	1203	8.67
04/05/23	1:13 PM	76302	351	7.52
04/05/23	12:54 PM	76296	133050	6.61
04/05/23	2:19 PM	76320	13091	8.89
04/05/23	1:32 PM	76305	318	8.69
04/06/23	1:09 PM	76451	351	6.43
04/06/23	3:51 PM	76497	133050	7.04
04/06/23	1:19 PM	76456	13091	5.52
04/06/23	2:12 PM	76475	652	6.19
04/07/23	12:21 PM	76599	351	5.58
04/07/23	12:25pm	76602	133050	3.62
04/07/23	1:40 PM	76622	13091	4.38
04/07/23	10:56 AM	76577	318	3.49
04/08/23	12:01 PM	76714	351	7.56
04/08/23	12:56 PM	76724	133050	5.45
04/08/23	1:19 PM	76728	13091	6.72
04/08/23	10:57 AM	76704	318	5.21

Composition Study - Non Fiber Material

Study Date: 4/10/2023

Sample From: 4/3/23-4/8/23

Material From: City of Hollywood

Non - Fiber Material

Baled Commodities	Bale 1	Bale 2	Bale 3	Bale 4	Bale 5	Totals
PET	1677	1281				2958
HDPE Color	1017					1017
HDPE Natural						0
Tin/Steel						0
UBC	512					512
Residual						0

Loose Commodities	Load 1	Load 2	Load 3	Load 4	Load 5	Totals
PET	32					32
HDPE Color	26					26
HDPE Natural	463					463
Tin/Steel	828					828
UBC						0
Residual (Misc)						0
Residual (Compactor)						0
Residual (Open Top)						0
Scrap Metal						0
Glass						0

Other

Size	Tons	Size	Tons	Material

Composition Study Template - Fiber- 12% Allowable moisture per Mill Specifications

Date: 4/10/2023

City Of: Hollywood

OCC					
Bale	Weight	Moisture	Moisture	Moisture	Contaminated?
OCC1	1585	7.6%	7.6%	8.9%	No
OCC2	1743	9.0%	8.4%	8.9%	No
OCC3	1778	10.2%	11.8%		No
OCC4	1452	19.4%	10.9%		No
OCC5	1308	17.8%	11.7%		No
OCC6					
OCC7					
OCC8					
OCC9					
OCC10					
OCC11					
OCC12					
OCC13					
OCC14					
OCC15					

Total: 0 Contaminated
7866 Not Contaminated

MXP (HRB)					
Bale	Weight	Moisture	Moisture	Moisture	Contaminated?
HRB1					
HRB2					
HRB3					
HRB4					
HRB5					
HRB6					
HRB7					
HRB8					
HRB9					
HRB10					
HRB11					
HRB12					
HRB13					
HRB14					
HRB15					

Total: 0 Contaminated
0 Not Contaminated

MXP (Machinex)					
Bale	Weight	Moisture	Moisture	Moisture	Contaminated?
MACH1	1772	21%			Yes
MACH2	1711	33%			Yes
MACH3	1757	14%			Yes
MACH4	1707	20%			Yes
MACH5	1619	20%			Yes
MACH6	1775				Yes
MACH7	1735				Yes
MACH8	1730				Yes
MACH9	1715				Yes
MACH10	1950				Yes
MACH11	2012				Yes
MACH12	1758				Yes
MACH13					Yes
MACH14					Yes
MACH15					Yes

Total: 21241 Contaminated
0 Not Contaminated

RC Routes-4/03-04/08/23



Day of the Week	Route	Truck #	Zone #	Truck#	Tons	Notes	Assisted by Truck #
Monday-04/03/23	700	Split	A2	N/A	N/A	TRUCK DID NOT COME	13089/13091....
	701	351	A2	351/701	6.57 TONS	PICKED FROM THE BACK OF THE PILE	
	702	133050	A2	133050/702	8.12 TONS	PICKED FROM THE MIDDLE OF THE PILE	
	703	13091	A2	13091/703	7.33 TONS	PICKED FROM THE FRONT OF THE PILE	
	704	split	A2	N/A	N/A	N/A	133004/133050/13089
	705	1426	B1	N/A	N/A	N/A	144545/144546
Tuesday-04/04/23	700	1322	B2	N/A	N/A	N/A	
	701	351	A1	GARBAGE	N/A	DRIVER TOLD US HE WORK THAT DAY FOR FOR WEST PARK GARBAGE	N/A
	702	133050	A1	133050/702	6.12	DRIVER DIDN'T KNOW WHAT ROUTE MEANS OR WHAT ROUTE IS	WE PICKED MATERIAL FOM THE BACK OF THE PILE
	703	13091	A1	13091/703	9.57	PICKED FROM THE MIDDLE OF THE PILE	
	704	1426	A1	1496/704	6.28	WE PICKED MATERIAL FROM THE FRONT OF THE PILE	
	705	1203	A1	1203/705	8.67	DRIVER DIDN'T KNOW HIS ROUTE NUMBER/ CALL SUPERVISOR TO GET	WE PICKED MATERIAL FROM THE BACK OF THE PILE
Wednesday-04/05/23	700	1322	C1/C2	N/A	N/A	N/A	N/A
	701	351	C2	351/701	7.52	WE PICKED MATERIAL FROM THE FRONT OF THE PILE	
	702	133050	C2	133050/702	6.61	WE PICKED MATERIAL FROM THE MIDDLE OF THE PILE	
	703	13091	C1	133050/703	8.89	WE PICKED MATERIAL FROM THE BACK OF THE PILE	
	704	133131	C2	GARBAGE	8.91	DRIVER STATED THAT SHE WAS PICKING UP GARBAGE	N/A
	705	318	C2	318/705	8.69	WE TOOK MATERIAL FROM THE FRONT OF THE PILE	
Thursday-04/06/23	700	1322	B3	N/A	N/A	N/A	N/A
	701	351	B3	701/351	6.43	WE PICKED MATERIAL FROM THE MIDDLE TOWARDS THE BACK OF THE PILE	
	702	133050	B3	702/133050	7.04	WE PICKED MATERIAL FROM THE FRONT TOWARDS THE FRONT OF THE PILE	
	703	13091	B3	702/13091	5.52	DRIVER TOLD US HES ROUTE WAS 702 NOT 703	WE TOOK MATERIAL FROM THE MIDDLE TOWARS THE BACK OF THE PILE
	704	652	B3	652/704	6.19	WE PICKED MATERIAL FROM THE MIDDLE TOWARDS THE FROM OF THE PILE	
	705	1426	B1	GARBAGE	N/A	DRIVER TOLD US HE WORK ON HOLLYWOOD MSW ROUTE 610	
Friday-04/0723	700	1322	B2	N/A	N/A	N/A	N/A
	701	351	B2	351/701	5.58	WE TOOK MATERIAL FROM THE MIDDLE TOWARDS THE BACK OF THE PILE	
	702	133050	B2	133050/702	3.62	WE TOOK MATERIAL FROM THE MIDDLE TOWARS THE FRONT OF THE PILE	
	703	13091	B2	13091/702	4.38	DRIVER TOLD US HIS ROUTE IS 702 NOT 703	WE TOOK MATERIAL FROM THE MIDDLE TOWARDS THE BACK OF THE PILE
	705	318	B2	318/705	GARBAGE	DRIVER TOLD US SAME ROUTE 705 BUT SUPERVISOR HAD HIM PICKING MSW	WORKING SOMEWHERE ELSE PICKING UP GARBAGE
	705	318	B2	318/705	3.49	DRIVER CAME BACK FOR A SECOND TIME TODAY THIS TIME RECYCLING	WE TOOK MATERIAL FROM THE MIDDLE TOWARDS THE FRONT OF THE PILE
Saturday-04/08/23	701	351	C1	351/701	7.56	WE TOOK MATERIAL FROM THE MIDDLE TOWARDS THE BACK OF THE PILE	
	702	133050	C1	133050/702	5.45	WE TOOK MATERIAL FROM THE MIDDLE TOWARDS THE FRONT OF THE PILE	
	703	13091	C1	13091/703	6.72	WE TOOK MATERIAL FROM THE MIDDLE TOWARDS THE BACK OF THE LOAD	
	705	318	C1	318/702	5.21	WE TOOK MATERIAL FROM THE MIDDLE TOWARDS THE FRONT OF THE LOAD	
	700	1322	C1	N/A	N/A	N/A	N/A