

Single Stream Sorting Process

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Single Stream Sorting



Loading the Line



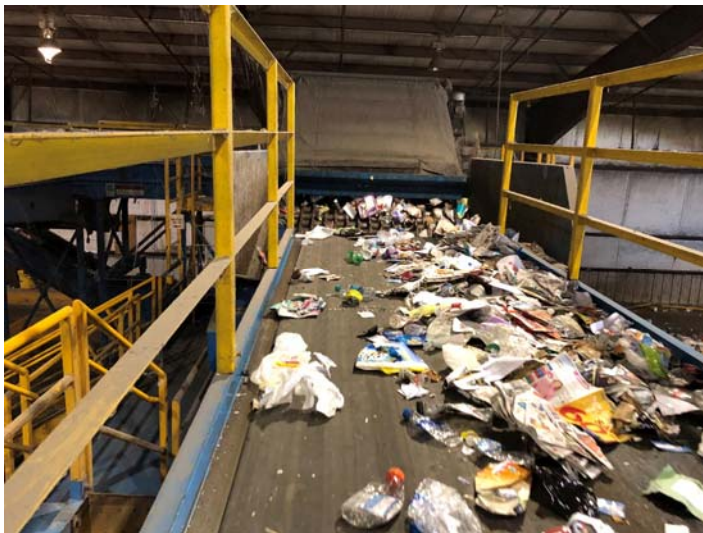
Incline Conveyor and Round Drum



Presort



Glass Break & Two Dimensional Screen



Fiber Line



Container Line



Residuals and Missed Materials



Residuals and Missed Materials



OCC

PET



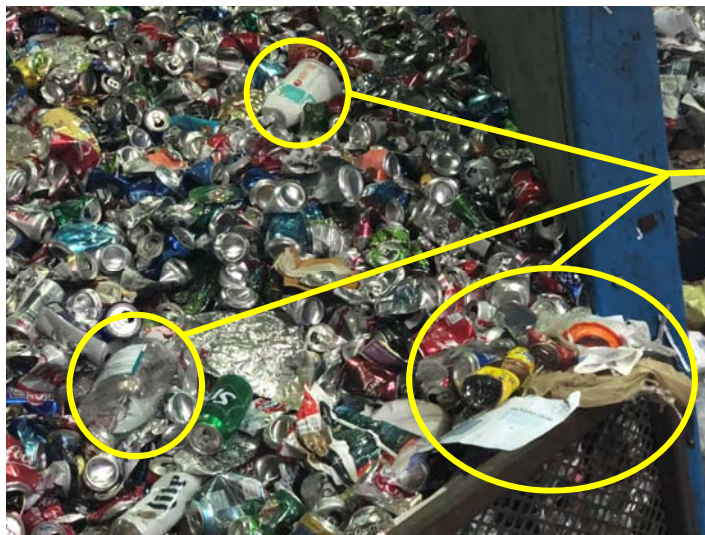
Contamination



Plastic Film, Aluminum cans & OCC in Fiber Bunker



Contamination



Bottles and paper in Aluminum Bunker



Post Process



Tipping Fee Calculation (300 Incoming Tons)



Single Stream Charge Calculation				
Single Stream Evaluation				
Commodity	Compostion	Market Price (per Ton)	Current Value per Ton	
OCC	18%	\$ 105.00	\$	18.90
Mixed Paper	30%	\$ 50.00	\$	15.00
PET	12%	\$ 300.00	\$	36.00
HDPE	10%	\$ 350.00	\$	35.00
AL	2%	\$ 1,400.00	\$	28.00
TIN	3%	\$ 130.00	\$	3.90
Residual	25%	\$ (40.00)	\$	(10.00)
Total Single Stream Value per Ton	100%		\$	126.80
Incoming Tons				
Processing Fee Evaluation	300			
Costs				
			Costs per Ton	
Labor		\$ (30,000.00)	\$	(100.00)
Equipment		\$ (10,000.00)	\$	(33.33)
Insurance		\$ (2,000.00)	\$	(6.67)
Utilities Fuel		\$ (1,500.00)	\$	(5.00)
R&M		\$ (1,500.00)	\$	(5.00)
Other Exp		\$ (2,000.00)	\$	(6.67)
Adm		\$ (1,000.00)	\$	(3.33)
Total Processing Fee per Ton		\$ (48,000.00)	\$	(160.00)
Tip Fee Calculation				
Single Stream Value			\$	126.80
Processing Fee			\$	(160.00)
Charge per Ton			\$	(33.20)

Processing Fee varies based on incoming tons



Tipping Fee Calculation (400 Incoming Tons)

Single Stream Charge Calculation				
Single Stream Evaluation				
Commodity	Composition	Market Price (per Ton)	Current Value per Ton	
OCC	18%	\$ 105.00	\$	18.90
Mixed Paper	30%	\$ 50.00	\$	15.00
PET	12%	\$ 300.00	\$	36.00
HDPE	10%	\$ 350.00	\$	35.00
AL	2%	\$ 1,400.00	\$	28.00
TIN	3%	\$ 130.00	\$	3.90
Residual	25%	\$ (40.00)	\$	(10.00)
Total Single Stream Value per Ton	100%		\$	126.80
Incoming Tons				
Processing Fee Evaluation				
400		Costs		
		Costs per Ton		
Labor	\$	(40,000.00)	\$	(100.00)
Equipment	\$	(10,000.00)	\$	(25.00)
Insurance	\$	(2,000.00)	\$	(5.00)
Utilities Fuel	\$	(1,500.00)	\$	(3.75)
R&M	\$	(1,500.00)	\$	(3.75)
Other Exp	\$	(2,000.00)	\$	(5.00)
Adm	\$	(1,000.00)	\$	(2.50)
Total Processing Fee per Ton		\$ (58,000.00)	\$	(145.00)
Tip Fee Calculation				
Single Stream Value			\$	126.80
Processing Fee			\$	(145.00)
Charge per Ton			\$	(18.20)

Processing Fee varies based on incoming tons

Tipping Fee Calculation (500 Incoming Tons)



Single Stream Charge Calculation				
Single Stream Evaluation				
Commodity	Composition	Market Price (per Ton)	Current Value per Ton	
OCC	18%	\$ 105.00	\$	18.90
Mixed Paper	30%	\$ 50.00	\$	15.00
PET	12%	\$ 300.00	\$	36.00
HDPE	10%	\$ 350.00	\$	35.00
AL	2%	\$ 1,400.00	\$	28.00
TIN	3%	\$ 130.00	\$	3.90
Residual	25%	\$ (40.00)	\$	(10.00)
Total Single Stream Value per Ton	100%		\$	126.80
Incoming Tons				
Processing Fee Evaluation				
500		Costs		
		Costs per Ton		
Labor	\$	(50,000.00)	\$	(100.00)
Equipment	\$	(10,000.00)	\$	(20.00)
Insurance	\$	(2,000.00)	\$	(4.00)
Utilities Fuel	\$	(1,500.00)	\$	(3.00)
R&M	\$	(1,500.00)	\$	(3.00)
Other Exp	\$	(2,000.00)	\$	(4.00)
Adm	\$	(1,000.00)	\$	(2.00)
Total Processing Fee per Ton		\$ (68,000.00)	\$	(136.00)
Tip Fee Calculation				
Single Stream Value			\$	126.80
Processing Fee			\$	(136.00)
Charge per Ton			\$	(9.20)

Processing Fee varies based on incoming tons