

Loyola Marymount University

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Management Business Services

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Sodexo, USA

- Loyola Marymount University--Founded: 1911
- Mission: The encouragement of learning, the education of the whole person, the service of faith and the promotion of justice.
- **Distinctions**
- LMU ranks 3rd in “Best Universities with Master’s Programs in the West.” U.S. News & World Report, 2015
- Location: Los Angeles, California
- Food Services Operator: Sodexo,USA

- **Green LMU**
- 100% of campus sprinklers respond automatically to local weather conditions
- About 75% of the campus uses reclaimed water for irrigation
- Started recycling in 1990; first campus-wide collegiate recycling program in California, 1993
- One of the first campuses in the state to recycle 100% of green waste.
- Solar rooftop systems, on University Hall and Von Der Ahe Building, won federal Green Power Award in 2003.
- LMU has 3 LEED Certified buildings. (4 Leed Gold certification Building expected in 2015.
- Green Restaurant Association 4 Star Certification
- Founding Charter member USZWBC

- **Food Waste Tracking System**
- **Incentivizing staff participation in the program**
- **Utilizing reports to control pre-production**
- **LMU actual results**



- **Creating a waste awareness climate within the front and back of house**
- **Modifying prep station logistics (unit specific)**
- **Management strategy/Learning moments**



- **Service-ware waste reduction**
- **Shifting from disposable to china**
- **Creating customer buy-in/participation**



Green Rational

Reduce Carbon Footprint, Green House Gas Impact, Reduce Hauling and tipping, support composting

State Regulation- SB341-75% Diversion from Landfill of all waste by 2020

California AB 1826 - Commercial Food Waste Ban Impact

Effective April 1, 2016

The California Dept. of Resources, Recycling and Recovery has the responsibility for ensuring that all food service operations that generate eight cubic yards of commercial food waste per week or more divert it from our landfills.

Current Food Waste Diversion Options:

- On-site Composting or 3rd Party Composting
- On-site Anaerobic Digestion or 3rd Party AD
- On-site In-vessel Dehydration Systems

Program commenced- 2012/2013

MALONE FOOD SERVICE DISPOSAL & DIVERSION TONNAGE

Baseline Fall 2011 vs. Fall 2014

MALONE FOOD SERVICE DISPOSAL TONNAGE FALL 2011

Account	Description	Work Order	Qty
Account 851790 - Food Service Trash Compactor			
8/22/2011	30yd Comp Trash Emp & Ret	214699	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		10.04
	AB939 LA City Fee 10%		
8/29/2011	30yd Comp Trash Emp & Ret	214624	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		4.48
	AB939 LA City Fee 10%		
Account 851791 - Food Service Trash Compactor			
8/22/2011	30yd Comp Trash Emp & Ret	214622	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		2.17
	AB939 LA City Fee 10%		
8/22/2011	30yd Comp Trash Emp & Ret	214629	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		1.49
	AB939 LA City Fee 10%		
8/29/2011	30yd Comp Trash Emp & Ret	214649	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		6.20
	AB939 LA City Fee 10%		
8/16/2011	30yd Comp Trash Emp & Ret	214619	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		6.22
	AB939 LA City Fee 10%		
8/23/2011	30yd Comp Trash Emp & Ret	214647	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		6.19
	AB939 LA City Fee 10%		
8/22/2011	30yd Comp Trash Emp & Ret	214614	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		6.14
	AB939 LA City Fee 10%		

Date	Description	Work Order	Qty
Account 851791B - Food Service Trash Compactor			
11/29/2011	30yd Comp Trash Emp & Ret	292151	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		8.04
	AB939 LA City Fee 10%		
11/18/2011	30yd Comp Trash Emp & Ret	292719	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		8.30
	AB939 LA City Fee 10%		

Date	Description	Work Order	Qty
Account 851791B - Food Service Trash Compactor			
12/02/2011	30yd Comp Trash Emp & Ret	296207	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		7.89
	AB939 LA City Fee 10%		
12/09/2011	30yd Comp Trash Emp & Ret	298119	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		5.23
	AB939 LA City Fee 10%		
12/16/2011	30yd Comp Trash Emp & Ret	298556	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		4.18
	AB939 LA City Fee 10%		
12/19/2011	30yd Comp Trash Emp & Ret	243107	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		0.55
	AB939 LA City Fee 10%		

**SNAPSHOT OF FALL 2011
MALONE FOOD SERVICE DISPOSAL:
TOTAL HAULS = 18
TOTAL TONNAGE = 101.10**

MALONE FOOD SERVICE DISPOSAL TONNAGE FALL 2014

Date	Description	Work Order	Qty
Account 851791B - Food Service Trash Compactor			
8/1/2014	40yd Comp Trash Emp & Ret	1004309	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		6.22
	AB939 LA City Fee 10%		
8/13/2014	40yd Comp Trash Emp & Ret	1007602	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		4.24
	AB939 LA City Fee 10%		
8/23/2014	40yd Comp Trash Emp & Ret	1010801	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		3.02
	AB939 LA City Fee 10%		

Date	Description	Work Order	Qty
Account 851791B - Food Service Trash Compactor			
9/29/2014	40yd Comp Trash Emp & Ret	1014564	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		6.97
	AB939 LA City Fee 10%		
9/17/2014	40yd Comp Trash Emp & Ret	1017225	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		4.73
	AB939 LA City Fee 10%		
9/29/2014	40yd Comp Trash Emp & Ret	1019907	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		4.88
	AB939 LA City Fee 10%		

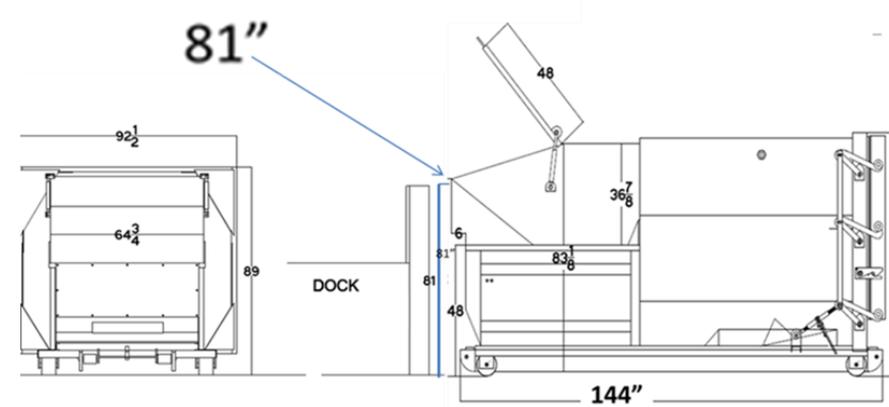
Date	Description	Work Order	Qty
Account 851791B - Food Service Trash Compactor			
10/03/2014	40yd Comp Trash Emp & Ret	1021718	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		2.53
	AB939 LA City Fee 10%		
10/10/2014	40yd Comp Trash Emp & Ret	1023606	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		3.65
	AB939 LA City Fee 10%		
10/17/2014	40yd Comp Trash Emp & Ret	1025638	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		3.05
	AB939 LA City Fee 10%		
10/24/2014	40yd Comp Trash Emp & Ret	1027340	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		3.08
	AB939 LA City Fee 10%		
10/31/2014	40yd Comp Trash Emp & Ret	1029251	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		2.39
	AB939 LA City Fee 10%		

Date	Description	Work Order	Qty
Account 851791B - Food Service Trash Compactor			
11/07/2014	40yd Comp Trash Emp & Ret	1031071	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		2.61
	AB939 LA City Fee 10%		
11/14/2014	40yd Comp Trash Emp & Ret	1032697	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		4.11
	AB939 LA City Fee 10%		
11/21/2014	40yd Comp Trash Emp & Ret	1034608	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		3.69
	AB939 LA City Fee 10%		

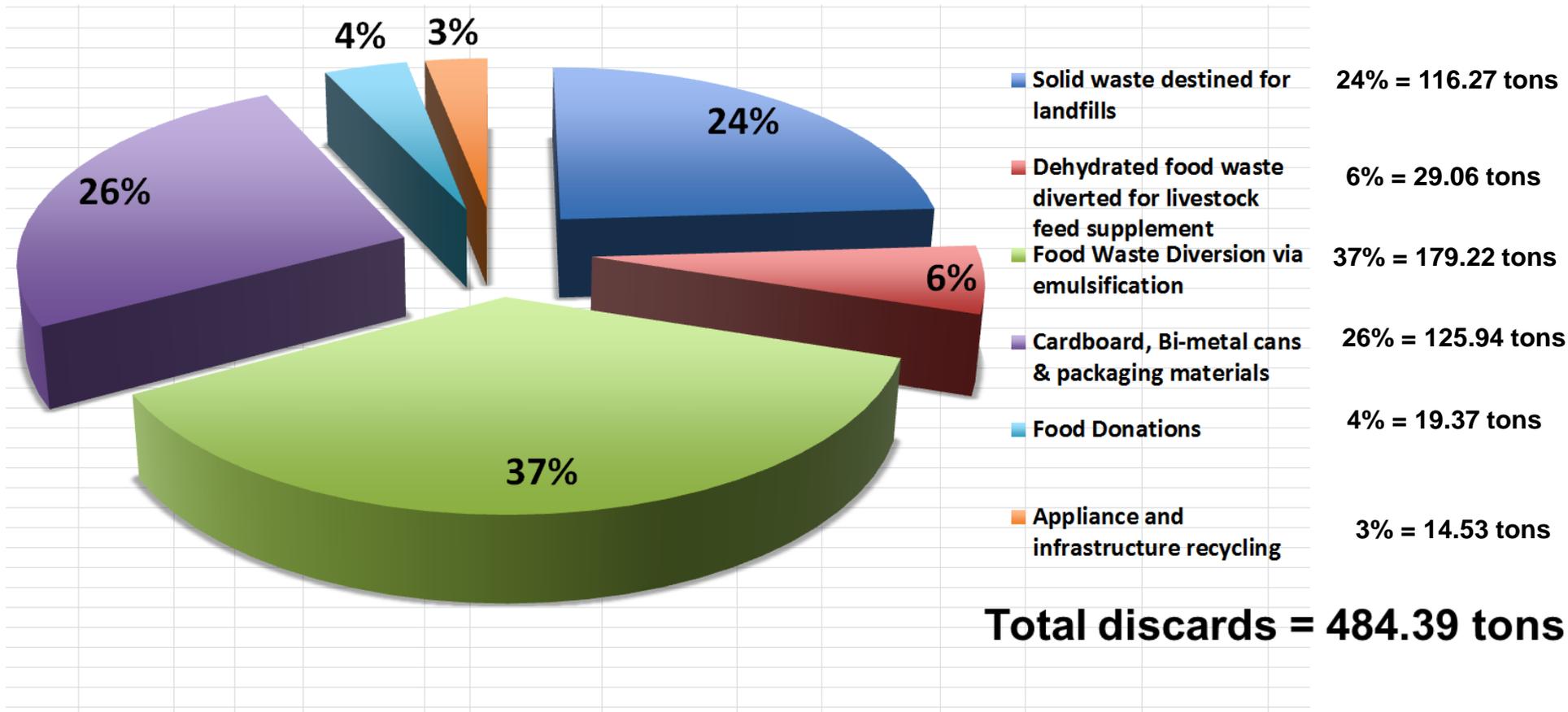
Date	Description	Work Order	Qty
Account 851791B - Food Service Trash Compactor			
12/05/2014	40yd Comp Trash Emp & Ret	1038097	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		4.60
	AB939 LA City Fee 10%		
12/13/2014	40yd Comp Trash Emp & Ret	1040211	1.00
	AB939 LA City Fee 10%		
	Comp Disposal Fees		3.71
	AB939 LA City Fee 10%		

**SNAPSHOT OF 2014
MALONE FOOD SERVICE DISPOSAL:
TOTAL HAULS = 16
TOTAL TONNAGE = 63.28**

V E R S U S



Spring & Fall 2014 Food Service Refuse & Recycling Generation





EMULSIFICATION

DEHYDRATION

- 50+% Organics reductions
- Reduced Hauling Fees
- Compost Nutrient Enriched –Bio-Product Source
- Vermicomposting
- Regulatory Compliance Ready

- Next Steps: Expand locations- replicate process
 - 2016- Achieve Zero Waste Near Zero Waste Status Campus Certification

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