

Appendix 4 City of Albuquerque Aviation Department Albuquerque International Sunport  
Case Example

## **Appendix 4**

### **City of Albuquerque Aviation Department Albuquerque International Sunport (ABQ)**

Albuquerque, New Mexico

The City of Albuquerque Aviation Department is committed to continuously improving the sustainability of Albuquerque International Sunport (ABQ); ABQ's waste management program is intended to reduce environmental impacts and meet City requirements and initiatives. The goal of the program is to divert an increasing amount of waste from landfills through single stream recycling, composting, and procurement practices.

The Department's Purchasing/Procurement and Environment Divisions administer the waste and recycling contracts; waste management is funded under the Aviation Department's budget. Janitorial services are provided by ABQ's staff as well as janitorial contractors. The Planning and Development and Environmental Divisions monitor the status of waste management activities and track program metrics. Program data is estimated from annual costs, container sizes, and collection schedules. The City of Albuquerque Solid Waste Department is contracted to pick up these materials for transport to the landfill or recycling processing facility; the Solid Waste Department also provides some data about ABQ's waste streams.

Aviation Department environmental staff conducted a survey of internal stakeholders, including concessionaires, airlines, and other tenants, to identify challenges with recycling. To reduce confusion and increase recycling, the Department recently invested in new collocated waste and recycling containers with integrated labeling/signage for the public areas of the passenger terminal (Figures 1 and 2).

Prior to purchasing these fixtures, environmental staff contacted other airports to learn about bin options and related procurement specifications. The Department was able to purchase the bins through a sole source process; an existing supplier was able to supply bins which met the Department's performance requirements and are keeping with the aesthetics of the terminal space. Staff also assessed the placement of waste and recycling bins from the perspective of departing and arriving passengers, which allowed for the strategic placement of the new bins. It is planned that the previous industrial, concrete, blast-proof containers will be repurposed in the parking areas and offered to other City departments.

Aviation Department employees have access to waste and recycling containers in their offices and work areas. Department employees follow a green purchasing policy, which includes items that are reusable, made from recycled content, recyclable, sustainably sourced, and packaged in bulk. Employees receive information about recycling at the facility via email. Waste and recycling reports are shared with management and key decisions makers. Examples of these reports are included at the end of this case example.

Some of the terminal tenants also participate in the recycling program. The Department provides waste and recycling dumpsters and compactors for materials generated by employees, passengers, and tenants. The tenants, including the concessionaires, retail shops, and airlines, equip their leased spaces with containers and are responsible for transferring their waste and recyclables to the Department-provided dumpsters and compactors. Use of the compactors and dumpsters is included in the tenants' lease rates.

Going forward, the Department is working to improve procurement practices to reduce the amount of waste generated at the facility. The Department is planning to add additional waste and recycling stations throughout the terminal building to improve passengers' access to these fixtures. ABQ is also considering food waste composting for future implementation.



Figure 1: Previous recycling and waste containers, courtesy of City of Albuquerque Aviation Department



Figure 2: New recycling and waste containers, courtesy of City of Albuquerque Aviation Department

Recycling Tonage at Sunport

DATE	SE	AT	SW	AIRPORT
5/4/2016	0.45			
5/5/2016		0.1		
5/6/2016	0.48			
5/9/2016	0.24			
5/11/2016	0.33			
5/12/2016		0.25		
5/12/2016			0.39	
5/13/2016	0.37			
5/16/2016	0.47			
5/17/2016		0.31		
5/18/2016	0.25			
5/19/2016		0.13		
5/20/2016	0.36			
5/23/2016	0.4			
5/24/2016		0.3		
5/25/2016	0.47			
5/26/2016		0.13		
5/27/2016	0.29			
5/31/2016		0.22		
<b>Total May</b>	<b>4.11</b>	<b>1.44</b>	<b>0.39</b>	<b>5.94</b>
6/1/2016	0.95			
6/7/2016		0.31		
6/8/2016	0.39			
6/9/2016			0.15	
6/10/2016	0.4			
6/13/2016	0.51			
6/14/2016		0.33		
6/15/2016	0.64			
6/16/2016		0.12		
6/17/2016	0.46			
6/20/2016	0.59			
6/21/2016		0.3		
6/22/2016	0.48			
6/23/2016		0.13		
6/24/2016	0.38			
6/27/2016	0.55			
6/28/2016		0.35		
6/29/2016	0.97			
<b>Total June</b>	<b>6.32</b>	<b>1.54</b>	<b>0.15</b>	<b>8.01</b>
7/1/2016	1.43			
7/4/2016	0.43			
7/4/2016		0.3		
7/4/2016	0.3			
7/7/2016		0.12		
7/7/2016			0.44	



Recycling Tonage at Sunport

7/8/2014	0.37			
7/11/2016	0.71			
7/12/2016		0.38		
7/13/2016	0.51			
7/14/2016		0.18		
7/15/2016	0.52			
7/18/2016	0.86			
7/19/2016		0.28		
7/20/2016	0.39			
7/21/2016		0.17		
7/21/2016			0.51	
7/22/2016	0.36			
7/25/2016	0.53			
7/26/2016		0.38		
7/27/2016	0.45			
7/28/2016		0.13		
7/29/2016	0.49			
<b>Total July</b>	<b>7.35</b>	<b>1.94</b>	<b>0.95</b>	<b>10.24</b>
8/1/2016	1.58			
8/2/2016		0.35		
8/3/2016	0.33			
8/4/2016		0.21		
8/4/2016			0.4	
8/5/2016	0.35			
8/8/2016	0.56			
8/9/2016		0.65		
8/10/2016	0.49			
8/11/2016			0.09	
8/12/2016	0.29			
8/15/2016	0.5			
8/17/2016	0.35			
8/18/2016		0.15		
8/18/2016			0.52	
8/19/2016		0.31		
8/22/2016	0.49			
8/23/2016		0.21		
8/24/2016	0.35			
8/25/2016		0.11		
8/26/2016	0.47			
8/29/2016	0.56			
8/30/2016		0.88		
8/31/2016	1.45			
<b>Total Aug.</b>	<b>7.77</b>	<b>2.87</b>	<b>1.01</b>	<b>11.65</b>
9/1/2016		0.13	0.47	
9/2/2016	0.49			
9/5/2016	0.5			
9/6/2016		0.21		

Recycling Tonage at Sunport

9/7/2016	0.36				
9/8/2016		0.09			
9/9/2016	0.54				
9/13/2016		0.33			
9/14/2016	0.36				
9/20/2016		0.27			
9/21/2016	0.71				
9/23/2016				0.51	
9/26/2016	0.45				
9/27/2016		0.37			
9/28/2016	0.87				
9/29/2016			0.5		
9/30/2016	1.07				
<b>Total Sept</b>	<b>5.35</b>	<b>1.4</b>	<b>0.97</b>	<b>0.51</b>	<b>8.23</b>
10/5/2016	0.44				
10/6/2016		0.07			
10/18/2016		0.34			
10/19/2016	0.39				
10/20/2016		0.26			
10/25/2016		0.35			
10/26/2016	0.37				
10/27/2016		0.2	0.36		
<b>Total Oct</b>	<b>1.2</b>	<b>1.22</b>	<b>0.36</b>		<b>2.78</b>
11/1/2016		0.29			
11/2/2016	1.26				
11/3/2016		0.07			
11/4/2016	0.37				
11/7/2016	0.56				
11/8/2016		0.21			
11/10/2016		0.18			
11/11/2016	0.27				
11/14/2016	0.53				
11/15/2016		0.45			
11/16/2016	0.4				
11/17/2016		0.09			
11/18/2016	0.31				
11/21/2016	0.55				
11/22/2016		0.4			
11/23/2016	0.38				
11/25/2016		0.43	0.2		
11/28/2016	0.35				
11/30/2016	0.38				
<b>Total Nov</b>	<b>5.36</b>	<b>2.12</b>	<b>0.2</b>	<b>0</b>	<b>7.68</b>
12/1/2016		0.13			
12/2/2016	1.45				
12/5/2016	0.48				



Recycling Tonage at Sunport

12/6/2016	0.45				
12/7/2016	0.23				
12/8/2016		0.04	1.13		
12/9/2016	0.33				
12/12/2016	0.63				
12/13/2016		0.57			
12/14/2016	0.3				
12/15/2016		0.16			
12/16/2016	0.39				
12/20/2016		0.46			
12/21/2016	0.35				
12/22/2016		0.15	0.25		
12/23/2016	0.39				
12/26/2016	0.58				
12/27/2016		0.54			
12/28/2016	0.46				
12/29/2016		0.1			
12/30/2016	1.01				
<b>Total Dec</b>	<b>7.05</b>	<b>2.15</b>	<b>1.38</b>	<b>0</b>	<b>10.58</b>
1/2/2017	1.21				
1/3/2017		0.25			
1/4/2017	0.41				
1/5/2017		0.32	0.12		
1/7/2017	0.39				
1/9/2017	0.42				
1/10/2017		0.6			
1/11/2017	0.26				
1/12/2017		0.09			
1/13/2017	0.3				
1/16/2017	0.49				
1/17/2017		0.69			
1/18/2017	0.3				
1/19/2017		0.09	0.2		
1/20/2017	0.4				
1/23/2017	0.45				
1/25/2017	0.27				
1/26/2017		0.13			
1/27/2017	0.63				
1/30/2017	0.41				
1/31/2017		0.45			
<b>Total Jan</b>	<b>5.94</b>	<b>2.62</b>	<b>0.32</b>	<b>0</b>	<b>8.88</b>
2/1/2017	0.74				
2/2/2017		0.07	0.07		
2/3/2017	0.48				
2/6/2017			0.65		
2/7/2017		0.58			
2/8/2017	0.26				

Recycling Tonage at Sunport

2/9/2017		0.15			
2/10/2017	0.29				
2/13/2017	0.4				
2/14/2017		0.57			
2/15/2017	0.22				
2/16/2017		0.19	0.23		
2/17/2017	0.39				
2/20/2017	0.44				
2/21/2017		0.6			
2/22/2017	0.31				
2/23/2017		0.16			
2/27/2017	0.46				
2/28/2017		0.75			
<b>Total Feb</b>	<b>3.99</b>	<b>3.07</b>	<b>0.95</b>	<b>0</b>	<b>8.01</b>
3/1/2017	0.26				
3/2/2017		0.1	0.22		
3/3/2017	0.4				
3/6/2017	1.31				
3/7/2017		0.58			
3/8/2017	0.3				
3/9/2017		0.17			
3/10/2017	0.34				
3/13/2017	0.51				
3/14/2017		0.51			
3/15/2017	0.21				
3/16/2017		0.21	0.31		
3/20/2017	0.51				
3/21/2017		0.52			
3/22/2017	0.3				
3/23/2017		0.11			
3/24/2017	0.38				
3/27/2017	0.55				
3/28/2017		0.58			
3/29/2017			0.4		
3/30/2017		0.6	0.38		
3/31/2017	0.81				
<b>Total Mar</b>	<b>5.88</b>	<b>3.38</b>	<b>1.31</b>	<b>0</b>	<b>10.57</b>
4/3/2017	0.39				
4/4/2017		0.44			
4/7/2017	0.39				
4/10/2017	0.29				
4/11/2017		0.59			
4/12/2017	0.3				
4/13/2017		0.14			
4/14/2017	0.55				
4/17/2017	0.68				
4/18/2017		0.76			

Recycling Tonage at Sunport

4/19/2017	0.29				
4/20/2017		0.11			
4/21/2017	1.15				
4/24/2017	0.86				
4/26/2017	0.56				
4/27/2017	0.41	0.15			
4/28/2017	0.72				
<b>Total Apr</b>	<b>6.59</b>	<b>2.19</b>	<b>0</b>	<b>0</b>	<b>8.78</b>
5/1/2017	0.71				
5/2/2017		0.44			
5/3/2017	0.33				
5/5/2017	0.38				
5/8/2017	0.41				
5/9/2017		0.53			
5/10/2017	0.28				
5/11/2017		0.1	0.28		
5/12/2017	0.42				
5/15/2017	0.44				
5/16/2017		0.53			
5/17/2017	0.27				
5/18/2017			0.14		
5/19/2017	0.64				
5/22/2017	0.75				
5/23/2017		0.67			
5/24/2017	0.4				
5/25/2017			0.4		
5/25/2017		0.19			
5/26/2017	0.57				
5/30/2017		0.6			
5/31/2017	0.64				
<b>Total May</b>	<b>6.24</b>	<b>3.06</b>	<b>0.82</b>	<b>0</b>	<b>10.12</b>
6/1/2017		0.15			
6/2/2017		0.86			
6/5/2017	0.37				
6/6/2017		0.22			
6/7/2017	0.29				
6/8/2017		0.14	0.42		
6/9/2017	0.5				
6/13/2017		0.55			
6/13/2017		0.81			
6/14/2017	0.1				
6/15/2017		0.11			
6/16/2017	0.47				
6/19/2017	0.31				
6/20/2017		0.61			
6/21/2017	0.47				
6/22/2017		0.13	0.47		

Recycling Tonage at Sunport

6/23/2017	0.48				
6/26/2017	0.69				
6/27/2017		0.9			
6/29/2017		0.09			
6/30/2017	1.15				
<b>Total June 2017</b>	<b>4.83</b>	<b>4.57</b>	<b>1.71</b>	<b>0</b>	<b>11.11</b>
7/3/2017			0.61		
7/4/2017		0.56			
7/5/2017	0.19				
7/6/2017		0.13	0.44		
7/7/2017	0.38				
7/10/2017	0.46				
7/11/2017		0.62			
7/12/2017	0.39				
7/13/2017		0.21			
7/14/2017	0.39				
7/17/2017	0.49				
7/18/2017		0.43			
7/19/2017	0.34				
7/20/2017		0.15	0.32		
7/21/2017	0.46				
7/24/2017	0.46				
7/25/2017		0.55			
7/26/2017		0.48			
7/27/2017		0.26			
7/28/2017	1.14				
7/31/2017		0.82			
<b>Total July 2017</b>	<b>4.7</b>	<b>4.21</b>	<b>1.37</b>	<b>0</b>	<b>10.28</b>
8/1/2017		0.71			
8/2/2017	0.53				
8/3/2017		0.15	0.44		
8/4/2017	0.48				
8/7/2017		0.68			
8/8/2017		0.54			
8/9/2017	0.32				
8/10/2017		0.19			
8/11/2017	0.49				
8/14/2017	0.63				
8/15/2017		1.33			
8/16/2017	0.41				
8/17/2017		0.24	0.56		
8/18/2017	0.63				
8/21/2017	0.57				
8/22/2017		0.25			
8/23/2017	0.32				
8/24/2017		0.13			
8/25/2017	0.48				

Recycling Tonage at Sunport

8/28/2017	0.46				
8/29/2017		0.7			
8/30/2017	0.31				
8/31/2017		0.14	0.41		
<b>Total August 2017</b>	<b>5.63</b>	<b>5.06</b>	<b>1.41</b>	<b>0</b>	<b>12.1</b>
9/1/2017	1.41				
9/4/2017	0.39				
9/5/2017		0.3			
9/6/2017	0.48				
9/7/2017		0.18			
9/8/2017		0.63			
9/11/2017	0.44				
9/12/2017		0.27			
9/13/2017	0.44				
9/14/2017		0.21	0.45		
9/15/2017	0.53				
9/18/2017	0.59				
9/19/2017		0.29			
9/20/2017	0.39				
9/21/2017		0.21			
9/22/2017	0.49				
9/25/2017	0.57				
9/27/2017	0.5				
9/28/2017		0.21	0.41		
9/29/2027		0.67			
<b>Total Sept 2017</b>	<b>6.23</b>	<b>2.97</b>	<b>0.86</b>	<b>0</b>	<b>10.06</b>

# Online Report

## All Sites

9/1/2017 Through 9/30/2017

<u>Ticket#</u>	<u>WSid</u>	<u>User</u>	<u>Hauler</u>	<u>Truck</u>	<u>Custome</u>	<u>Source</u>	<u>Product</u>	<u>Profile</u>	<u>Date</u>	<u>TimeIn</u>	<u>TimeOut</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Yards/Units</u>	<u>Total Cost</u>
001		CERRO COLORADO LF													
1576699	1 3	swwsdcn	999	165913	999	CR5	MSW		09/05/2017	#####	#####	25.010	20.050	4.960	\$0.00
1578418	1 3	swwdcn	999	165913	999	CR5	MSW		09/12/2017	#####	#####	24.560	20.080	4.480	\$0.00
1580166	1 3	rarmijo	999	165913	999	CR5	MSW		09/19/2017	#####	#####	24.870	20.040	4.830	\$0.00
1581824	1 3	rarmijo	999	165913	999	CR5	MSW		09/26/2017	#####	#####	24.700	20.070	4.630	\$0.00

### 1 Total Tickets 4 Total Loads 4

In Tons : **18.90**  
 Out Tons : **0.00**  
 Total In&Out Tons : **18.90**

Total Product Cost :

### Total Tickets 4 Total Loads 4

In Tons : **18.90**  
 Out Tons : **0.00**  
 Total In&Out Tons : **18.90**

Total Product Cost :

Date From : 9/1/2017 12:00:00 AM

Date To : 9/30/2017 11:59:59 PM

Operator : \*\*ALL\*\*

Workstation : \*\*ALL\*\*

Tax :

Program :

Company :

Profile :

Hauler :

Truck :

Customer :

BillTo :

Route :

Source :

Trans Type : \*\*ALL\*\*

Inbound : True

Outbound : True

Unit Wt. Produces : Include

Voids : Exclude

GenericA : SUNPORT

GenericB :

Coal :

Fee :

9/1/2017 Through 9/30/2017

<u>Ticket#</u>	<u>WSid</u>	<u>User</u>	<u>Hauler</u>	<u>Truck</u>	<u>Customer</u>	<u>Source</u>	<u>Product</u>	<u>Profile</u>	<u>Date</u>	<u>TimeIn</u>	<u>TimeOut</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Yards/Units</u>	<u>Cost</u>	<u>Y</u>	<u>N</u>
1 CITY OF ALBUQUERQUE																	
001 CERRO COLORADO LF																	
1575995	1 3	swdaxp	999	165913	999	CR5	MSW		09/01/2017	#####	#####	21.460	20.080	1.380	0.00	\$0.00	
1576453	1 3	swden	999	165913	999	CR5	MSW		09/04/2017	#####	#####	21.310	20.120	1.190	0.00	\$0.00	
1577120	1 3	swdsdn	999	165913	999	CR5	MSW		09/06/2017	#####	#####	20.970	20.040	0.930	0.00	\$0.00	
1577798	1 3	swdsdn	999	165913	999	CR5	MSW		09/08/2017	#####	#####	20.880	20.150	0.730	0.00	\$0.00	
1578149	1 3	swden	999	165913	999	CR5	MSW		09/11/2017	#####	#####	21.450	20.100	1.350	0.00	\$0.00	
1578895	1 3	swdaxp	999	165913	999	CR5	MSW		09/13/2017	#####	#####	20.870	20.040	0.830	0.00	\$0.00	
1579388	1 3	swdaxp	999	165913	999	CR5	MSW		09/15/2017	#####	#####	21.290	20.260	1.030	0.00	\$0.00	
1579874	1 3	swdaxp	999	165913	999	CR5	MSW		09/18/2017	#####	#####	21.240	20.080	1.160	0.00	\$0.00	
1580464	1 3	rarmijo	999	165913	999	CR5	MSW		09/20/2017	#####	#####	21.420	20.130	1.290	0.00	\$0.00	
1581087	1 3	rarmijo	999	165913	999	CR5	MSW		09/22/2017	#####	#####	22.020	20.100	1.920	0.00	\$0.00	
1581564	1 3	swdsdn	999	165913	999	CR5	MSW		09/25/2017	#####	#####	21.460	20.030	1.430	0.00	\$0.00	
1582298	1 3	swden	999	165913	999	CR5	MSW		09/27/2017	#####	#####	21.940	20.020	1.920	0.00	\$0.00	
1582925	1 3	rarmijo	999	165913	999	CR5	MSW		09/29/2017	#####	#####	21.610	20.030	1.580	0.00	\$0.00	

1 Total Tickets 13 Total Loads 13

In Tons : 16.74 Total Product Cost : \$0.00  
 Out Tons : 0.00  
 Total In&Out Tons : 16.74

Total Tickets 13 Total Loads 13

In Tons : 16.74 Total Product Cost : \$0.00  
 Out Tons : 0.00  
 Total In&Out Tons : 16.74

Date From : 9/1/2017 12:00:00 AM

Operator : \*\*ALL\*\*

Tax :

Date To : 9/30/2017 11:59:59 PM

Workstation : \*\*ALL\*\*

Program :



Online Report

All Sites

9/1/2017 Through 9/30/2017

<u>Ticket/</u>	<u>WSid</u>	<u>User</u>	<u>Hauler</u>	<u>Truck</u>	<u>Customr</u>	<u>Source</u>	<u>Product</u>	<u>Profile</u>	<u>Date</u>	<u>TimeIn</u>	<u>TimeOut</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Yards/Units</u>	<u>Total</u>	
															<u>Cost</u> <u>V</u> <u>M</u> <u>E</u>	
CERRO COLORADO LF																
001	1576040	1 3	swdaxp	999	165913	999	CR5	MSW	09/01/2017	#####	#####	24.150	20.050	4.100	0.00	\$0.00
	1576492	1 3	swdaxp	999	165913	999	CR5	MSW	09/04/2017	#####	#####	24.790	20.090	4.700	0.00	\$0.00
	1576989	1 3	swdsdn	999	165913	999	CR5	MSW	09/06/2017	#####	#####	23.570	20.150	3.420	0.00	\$0.00
	1577872	1 3	swdsdn	999	165913	999	CR5	MSW	09/08/2017	#####	#####	24.130	20.180	3.950	0.00	\$0.00
	1578204	1 3	rarmijo	999	165913	999	CR5	MSW	09/11/2017	#####	#####	25.030	20.120	4.910	0.00	\$0.00
	1578756	1 3	rarmijo	999	165913	999	CR5	MSW	09/13/2017	#####	#####	23.410	20.150	3.260	0.00	\$0.00
	1579459	1 3	swdaxp	999	165913	999	CR5	MSW	09/15/2017	#####	#####	23.500	20.100	3.400	0.00	\$0.00
	1579919	1 3	swdaxp	999	165913	999	CR5	MSW	09/18/2017	#####	#####	25.740	20.090	5.650	0.00	\$0.00
	1580587	1 3	swdcn	999	165913	999	CR5	MSW	09/20/2017	#####	#####	23.510	20.080	3.430	0.00	\$0.00
	1581161	1 3	swdsdn	999	165913	999	CR5	MSW	09/22/2017	#####	#####	23.210	20.060	3.150	0.00	\$0.00
	1581614	1 3	swdcn	999	165913	999	CR5	MSW	09/25/2017	#####	#####	25.140	20.040	5.100	0.00	\$0.00
	1582149	1 3	rarmijo	999	165913	999	CR5	MSW	09/27/2017	#####	#####	22.890	20.190	2.700	0.00	\$0.00
	1582996	1 3	swdsdn	999	165913	999	CR5	MSW	09/29/2017	#####	#####	23.830	20.020	3.810	0.00	\$0.00

1 Total Tickets 13 Total Loads 13

In Tons : 51.58 Total Product Cost : \$0.00  
 Out Tons : 0.00  
 Total In&Out Tons : 51.58

Total Tickets 13 Total Loads 13

In Tons : 51.58 Total Product Cost : \$0.00  
 Out Tons : 0.00  
 Total In&Out Tons : 51.58

Date From : 9/1/2017 12:00:00 AM  
 Date To : 9/30/2017 11:59:59 PM

Operator : \*\*ALL\*\* Tax :  
 Workstation : \*\*ALL\*\* Program :  
 Trans Type : \*\*ALL\*\* Container :  
 Inbound : True Driver :

Company :  
 Profile :

Hauler :  
Truck :  
Customer :  
BillTo :  
Route :  
Source :  
Destination :  
Product :

OutBound : True  
Voids : Exclude  
Unit Wt. Produces : Include

Stockpile :  
Category :  
GenericA : SUNPORT I  
GenericB :  
Coal :  
Fee :  
Price Rounding : \$ 0.01