



City of Tucson & Pima County  
Household Hazardous Waste Program

Information Compiled for

**January 17, 2013**

**Program Coordinator's Report  
November 2012**

**Operations**

- Participation for November 2012 was 3,010 including 147 “first timers”. Participation from the 1<sup>st</sup> & 2nd Saturday collections during November was 398. Participation for November 2011 was 3,041.
- Waste materials weighing approximately 98,301 pounds were processed and shipped in November, including 27,394 pounds distributed through the Drop and Swap & latex paint sold.
- An estimated 1,756 people participated at the ABOP stations during the month of November. One hundred eighty-three people obtained recycled paint from the Program. One hundred six people obtained recycled materials from the Drop and Swap tables at the main site.
- A collection was held for Airport Area employees in November with a total of 66 participants.
- Under a contract through COPE Behavior Services, two part-time workers were hired to assist in the consolidation and mixing of latex paint at the HHW facility. COPE workers can work up to 16 hours per week with a contract limit of \$20,000 for the fiscal year. COPE workers will remove this task from the HHW staff, which will allow them to concentrate on more critical operations.
- Through November, the ES HHW Home Pickup Pilot Program serviced eight residences. Materials collected are no different than materials dropped off at regular HHW drop off sites. This project is scheduled through next year.
- Latex paint sales continue at the Los Reales Landfill and HHW facility. Over 320 buckets are sold monthly at the landfill and over 140 buckets at the facility.

**Outreach**

- Staff continues to coordinate first Saturday of the month outreach collections. This includes volunteer refreshments, tent rentals, trucks and equipment preparation/set-up.
- Staff gave a presentation at the Arizona Recycling Coalition (AzRC) Statewide Conference held in Glendale, November 15, 2012.

## **December 2012**

### **Operations**

- Participation for December 2012 was 2,167 including 132 “first timers”. Participation from the 1<sup>st</sup> & 2nd Saturday collections during December was 408. Participation for November 2011 was 2,008.
- Waste materials weighing approximately 59,712 pounds were processed and shipped in December, including 17,499 pounds distributed through the Drop and Swap & latex paint sold.
- An estimated 1,334 people participated at the ABOP stations during the month of December. One hundred sixty-three people obtained recycled paint from the Program. One hundred four people obtained recycled materials from the Drop and Swap tables at the main site.
- A Notice to Proceed was issued to the Environmental Training Center (ETC) to begin developing the HHW Volunteer Training Manual. ETC’s work completion date is January 18, 2013.
- Through December, the ES HHW Home Pickup Pilot Program serviced 19 residences. ES expanded this program in December to include an additional 26,000 residents located in southeast Tucson, roughly within the Ward 4 boundaries.
- Latex paint sales: Los Reales Landfill (300 buckets) and HHW facility (176 buckets).
- Three new volunteers were trained this month.

### **Outreach**

- Staff continues to coordinate first Saturday of the month outreach collections. This includes volunteer refreshments, tent rentals, trucks and equipment preparation/set-up.
- Staff gave an HHW presentation at a Tucson Clean & Beautiful (TCB) Master Recyclers training held at ReCommunity (materials recovery facility) on December 5, 2012. Over 15 community members attended.
- City of Nogales Assistant Public Works Director and six staff members visited the HHW facility this month. The City of Nogales is interested in developing an HHW Program.
- Members of ESAC visited the HHW facility this month for a tour December 19, 2012.

### **Personnel**

- Mr. Danny Pesqueira and Mr. Timothy Reyes accepted ES Worker positions.

## Waste Handling 12/13

November 2012

Treatment Type	Waste Type	Weight (lbs)	Count
<b>Fuels</b>			
	Flammable Liquid	3,285	8 drum (55 gal)
	Paint Sludge	9,483	19 drum (55 gal)
	Soap & Wax	3,434	7 drum (55 gal)
		<b>16,202</b>	<b>34</b>
<b>Recycled</b>			
	Antifreeze	640	80 gallon
	Auto Battery	1,598	65 unit
	Cardboard	3,115	4 drop
	Computer Equip (2)	4,319	163 unit
	Latex Sludge	15,779	26 drum (55 gal)
	Mercury Debris	28	1 bucket (5 gal)
	Metal	5,140	1 drop
	Oil	24,000	3,000 gallon
	Rechargble Battery (BX)	86	2 box (40 lbs)
		<b>54,705</b>	<b>3,342</b>
<b>Redistributed</b>			
	Drop and Swap	3,594	932 item
	HHWP Paint	23,800	476 bucket (5 gal)
		<b>27,394</b>	<b>1,408</b>
	<b>Grand Total:</b>	<b>98,301</b>	

## Participation 12/13

November 2012

Collection Site	Events	Participants	% of Total	First Time	% of Location
Catalina Transfer	1	102	3.4%		
Drop & Swap	1	106	3.5%		
East Side	1	323	10.7%	52	16.1%
HHWP Paint	1	183	6.1%		
Los Reales Landfill	6	907	30.1%	12	1.3%
Main Site	9	360	12.0%	78	21.7%
Raytheon	1	266	8.8%		
Ryan Field Transfer	2	90	3.0%		
Sahuarita Landfill	2	195	6.5%		
Tangerine Landfill	5	462	15.3%		
Tucson Water Plant 2	1	16	0.5%	5	31.3%
<b>Grand Total:</b>	<b>30</b>	<b>3,010</b>		<b>147</b>	

## ABOP Participation 12/13

November 2012

Collection Site	Participants
Catalina Transfer	102
Los Reales Landfill	907
Ryan Field Transfer	90
Sahuarita Landfill	195
Tangerine Landfill	462
<b>Grand Total:</b>	<b>1,756</b>

## SBWAP Collections 12/13

November 2012

Waste Type	Pounds Collected	% of Weight	Revenue
U-Tube Lamps	10	0.46%	\$6.60
Soap & Wax	333	15.37%	\$110.25
Paint Sludge	1,032	47.61%	\$378.75
Oil	80	3.69%	\$8.30
Mercury Debris	2	0.09%	\$0.32
Liquid Pesticide	45	2.08%	\$32.50
Latex Paint	105	4.85%	\$12.80
Handling Charge	0	0.00%	\$46.56
Fluorescent Light	143	6.60%	\$95.59
Flammable Liquid	224	10.34%	\$65.52
Developer Wastes	90	4.15%	\$32.90
Compact Lamps	59	2.72%	\$37.17
Chlorinated Solvent	24	1.11%	\$10.41
Acid	20	0.92%	\$9.24
<b>Grand Total:</b>	<b>2,167</b>		<b>\$846.91</b>

## Waste Handling 12/13

December 2012

Treatment Type	Waste Type	Weight (lbs)	Count
<b>Recycled</b>			
	Antifreeze	400	50 gallon
	Auto Battery	925	37 unit
	Cardboard	3,035	4 drop
	Computer Equip (2)	4,128	159 unit
	Metal	6,640	1 drop
	Oil	27,040	3,380 gallon
	Rechargeable Battery (BX)	45	1 box (40 lbs)
		<b>42,213</b>	<b>3,632</b>
<b>Redistributed</b>			
	Drop and Swap	3,949	1,974 item
	HHWP Paint	13,550	271 bucket (5 gal)
		<b>17,499</b>	<b>2,245</b>
	<b>Grand Total:</b>	<b>59,712</b>	

## Participation 12/13

December 2012

Collection Site	Events	Participants	% of Total	First Time	% of Location
Catalina Transfer	1	77	3.2%		
Drop & Swap	1	104	4.3%		
East Side	1	327	13.5%	54	16.5%
HHWP Paint	1	163	6.7%		
Los Reales Landfill	5	602	24.8%		
Main Site	9	471	19.4%	73	15.5%
Ryan Field Transfer	2	105	4.3%		
Sahuarita Landfill	2	228	9.4%		
Tangerine Landfill	4	322	13.3%		
Tucson Water Plant 2	1	24	1.0%	5	20.8%
<b>Grand Total:</b>	<b>27</b>	<b>2,423</b>		<b>132</b>	

## ABOP Participation 12/13

December 2012

Collection Site	Participants
Catalina Transfer	77
Los Reales Landfill	602
Ryan Field Transfer	105
Sahuarita Landfill	228
Tangerine Landfill	322
<b>Grand Total:</b>	<b>1,334</b>

## SBWAP Collections 12/13

December 2012

Waste Type	Pounds Collected	% of Weight	Revenue
Mercury Debris	5	0.34%	\$64.80
Chlorinated Solvent	16	1.01%	\$6.94
Compact Lamps	19	1.20%	\$11.97
Developer Wastes	90	5.70%	\$32.90
Fluorescent Light	315	19.92%	\$231.22
Handling Charge	0	0.00%	\$3.50
Latex Sludge	264	16.71%	\$75.60
Lead Acid Battery	70	4.43%	\$11.20
Acid	15	0.95%	\$6.93
Lithium Batteries	18	1.14%	\$58.68
U-Tube Lamps	8	0.51%	\$5.28
Oil	48	3.04%	\$4.98
Paint Sludge	117	7.40%	\$45.00
PCB Ballast	2	0.13%	\$2.10
Rechargeable Batts	208	13.16%	\$33.28
Soap & Wax	48	3.04%	\$15.75
Sodium Lamps	8	0.51%	\$11.36
Solid Pesticide	176	11.14%	\$167.20
Liquid Pesticide	153	9.68%	\$110.50
<b>Grand Total:</b>	<b>1,580</b>		<b>\$899.19</b>

# Waste Handling 12/13

As of December 31, 2012

Treatment Type	Waste Type	Weight (lbs)	Count
<b>Fuels</b>			
	Flammable Liquid	6,909	17 drum (55 gal)
	Grease	1,309	2 drum (55 gal)
	Paint Sludge	20,122	40 drum (55 gal)
	Soap & Wax	6,353	13 drum (55 gal)
		<b>34,693</b>	<b>72</b>
<b>Recycled</b>			
	Antifreeze	3,800	475 gallon
	Auto Battery	13,468	400 unit
	Cardboard	18,530	24 drop
	Computer Equip (2)	32,993	811 unit
	Fluorescent Light	5,927	39,924 unit
	Latex Sludge	32,854	54 drum (55 gal)
	Mercury Debris	28	1 bucket (5 gal)
	Metal	28,316	7 drop
	Oil	167,440	20,930 gallon
	Propane Tank	2,740	159 unit
	Rechargeable Battery (BX)	397	9 box (40 lbs)
	Sealed Lead/Acid Batteries	1,987	1 container
		<b>308,480</b>	<b>62,795</b>
<b>Redistributed</b>			
	Drop and Swap	20,180	6,532 item
	HHWP Paint	109,500	2,190 bucket (5 gal)
		<b>129,680</b>	<b>8,722</b>
<b>Treatment</b>			
	Acid	1,142	2 drum (55 gal)
	Acid (Solid) DM (55)	384	2 drum (55 gal)
	Base	527	1 drum (55 gal)
	Base (Solid) DM (55)	475	2 drum (55 gal)
	Lab Pack DM (10)	70	1 drum (10 gal)
	Oxidizer DM (55)	169	1 drum (55 gal)
	Pesticide	2,170	5 drum (55 gal)
		<b>4,937</b>	<b>14</b>
	<b>Grand Total:</b>	<b>477,790</b>	

# Participation 12/13

As of December 31, 2012

<b>Collection Site</b>	<b>Events</b>	<b>Participants</b>	<b>% of Total</b>	<b>First Time</b>	<b>% of Location</b>
Catalina Transfer	6	638	3.8%		
Drop & Swap	6	574	3.4%		
East Side	6	2,042	12.1%	484	23.7%
Green Valley	1	871	5.2%		
HHWP Paint	6	890	5.3%		
Los Reales Landfill	35	4,510	26.8%	12	0.3%
Main Site	52	2,850	16.9%	495	17.4%
Raytheon	1	266	1.6%		
Ryan Field Transfer	12	585	3.5%		
Sahuarita Landfill	12	1,326	7.9%		
Tangerine Landfill	26	2,104	12.5%		
Tucson Water Plant 2	6	129	0.8%	43	33.3%
Ventana Medical	1	74	0.4%		
<b>Grand Total:</b>	<b><u>170</u></b>	<b><u>16,859</u></b>		<b><u>1,034</u></b>	

# ABOP Participation 12/13

As of December 31, 2012

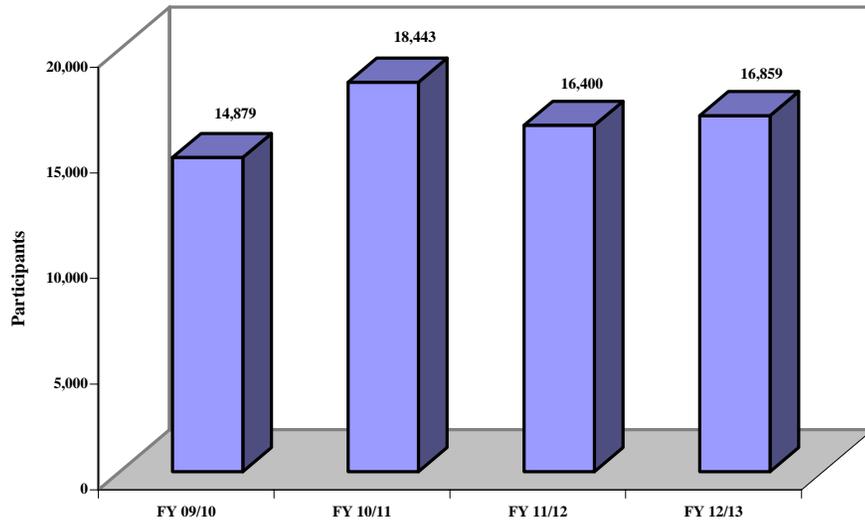
<b>Collection Site</b>	<b>Participants</b>
Catalina Transfer	638
Los Reales Landfill	4,510
Ryan Field Transfer	585
Sahuarita Landfill	1,326
Tangerine Landfill	2,104
<b>Grand Total:</b>	<b><u>9,163</u></b>

# SBWAP Collections 12/13

As of December 31, 2012

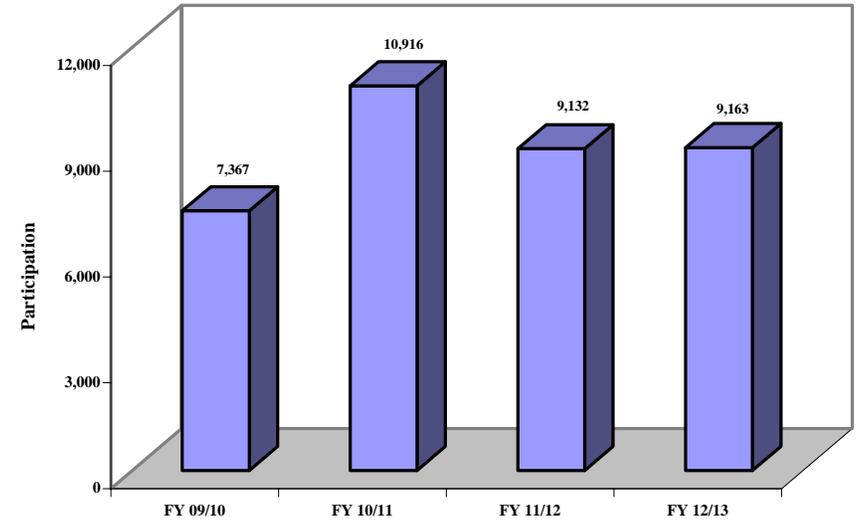
<b>Waste Type</b>	<b>Pounds Collected</b>	<b>% of Weight</b>	<b>Revenue</b>
Lead Acid Battery	225	0.92%	\$36.00
Antifreeze	728	2.98%	\$116.48
Base	4	0.02%	\$3.40
Chlorinated Solvent	48	0.20%	\$20.82
Circular Lamps	4	0.02%	\$2.52
Compact Lamps	242	0.99%	\$152.46
Developer Wastes	360	1.47%	\$131.60
Dry Battery	4	0.02%	\$0.64
Flammable Liquid	2,198	8.99%	\$642.92
Fluorescent Light	5,436	22.23%	\$3,977.19
Handling Charge	0	0.00%	\$142.55
Lab Pack	5	0.02%	\$57.00
Acid	106	0.43%	\$44.34
Latex Sludge	2,860	11.70%	\$794.00
U-Tube Lamps	64	0.26%	\$42.24
Liquid Pesticide	410	1.68%	\$295.75
Lithium Batteries	24	0.10%	\$78.24
Mercury Debris	7	0.03%	\$65.12
Oil	3,408	13.94%	\$353.58
Oil Filter	20	0.08%	\$3.20
Paint Sludge	5,507	22.53%	\$2,081.76
PCB Ballast	572	2.34%	\$600.60
Propane Tank	10	0.04%	\$10.00
Rechargeable Batts	237	0.97%	\$37.92
Soap & Wax	572	2.34%	\$189.00
Sodium Lamps	157	0.64%	\$222.94
Solid Pesticide	180	0.74%	\$171.19
Latex Paint	1,060	4.34%	\$133.62
<b><u>Grand Total:</u></b>	<b><u>24,448</u></b>		<b><u>\$10,407.08</u></b>

### Total Participation



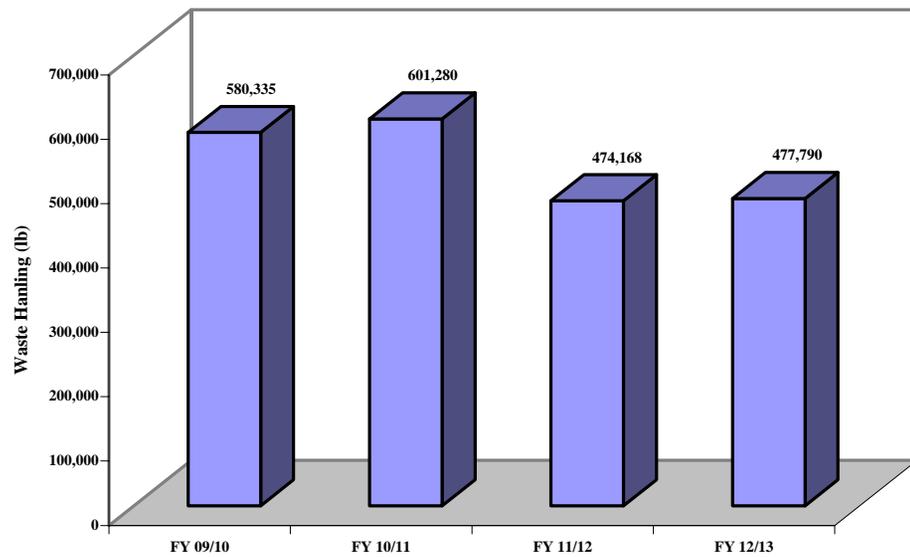
July 1 through December 31

### ABOP Participation



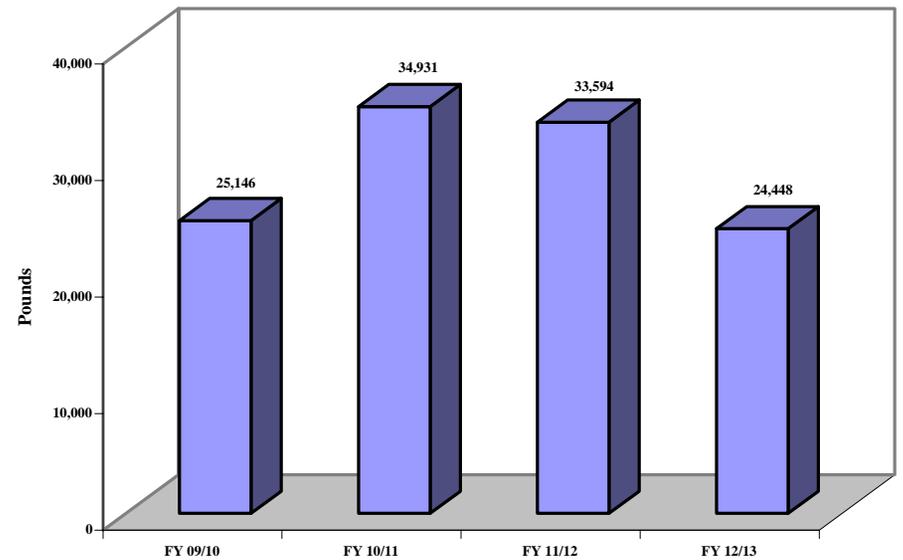
July 1 through December 31

### Waste Handling



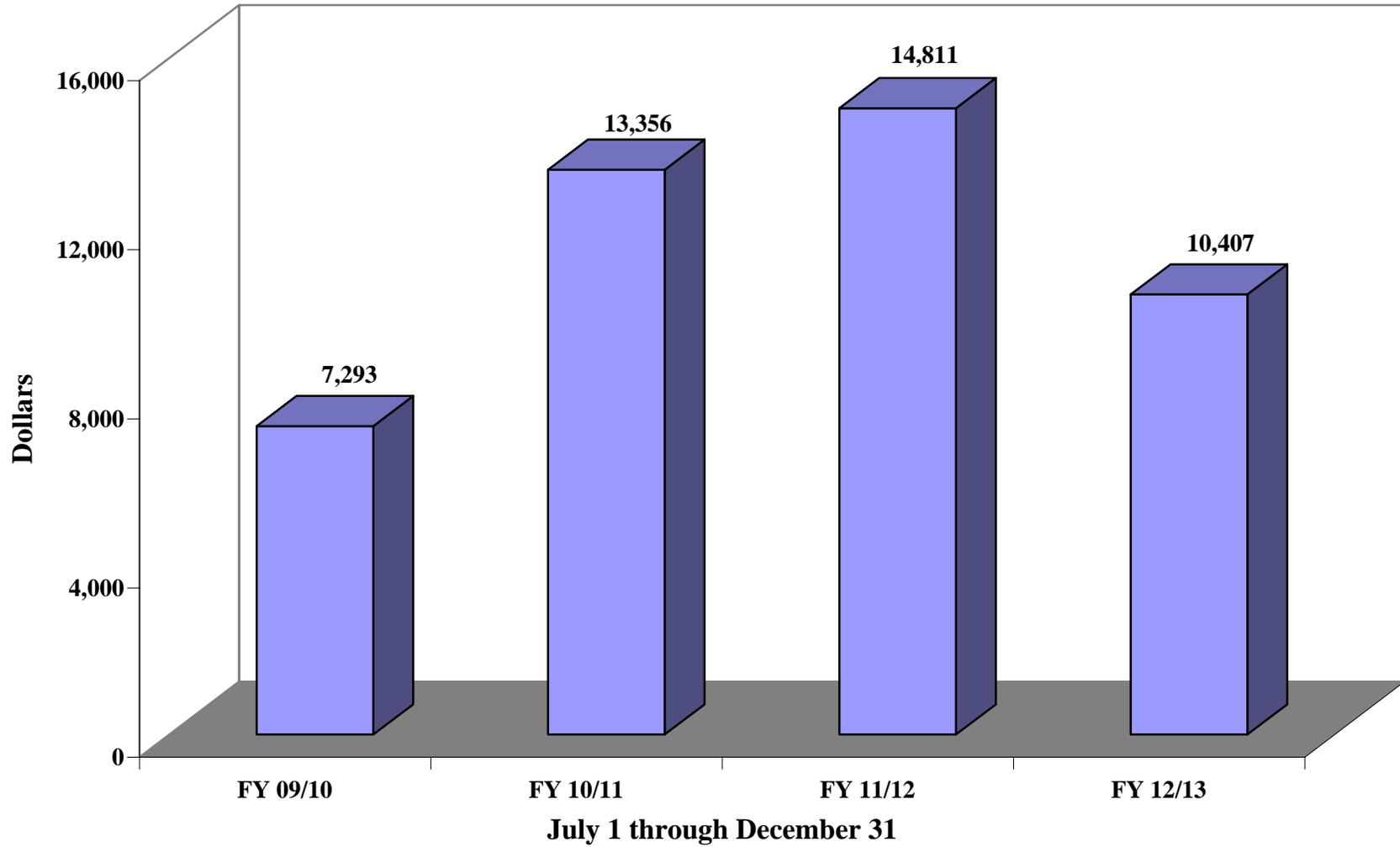
July 1 through December 31

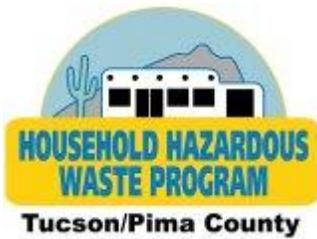
### SBWAP Collection



July 1 through December 31

# SBWAP Revenue





**Environmental Services Department - Budget vs. Actual Expenses**  
**FY 2013 For the Month Ending 12/31/12**  
**Fund 002**

**Unit 4657 - HOUSEHOLD HAZARDOUS WASTE PROG**

<b>Object</b>	<b>Current Total Obligations</b>	<b>YTD Total Obligations</b>	<b>Revised Budget Amount</b>	<b>Budget Balance</b>	<b>Percent</b>
101 - SALARIES & WAGES FOR PERMANENT EMPLO	23,070.80	127,307.20	311,730	184,422.80	
102 - EXTRA TIME	181.28	1,185.76	9,310	8,124.24	
103 - OVERTIME WAGES	2,002.40	3,248.98	800	(2,448.98)	
106 - UNIFORM/EQUIPMENT/HOUSEKEEPING	0.00	700.00	1,800	1,100.00	
107 - SECOND LANGUAGE PAY	189.00	1,179.00	3,120	1,941.00	
113 - SUPPLEMENTAL PENSION CONTRIBUTION	6,216.68	35,266.47	86,070	50,803.53	
114 - FICA (SOCIAL SECURITY)	1,891.26	9,877.97	25,200	15,322.03	
115 - WORKERS COMPENSATION INSURANCE	0.00	11,220.00	11,220	0.00	
116 - GROUP PLAN INSURANCE	4,643.67	28,967.64	83,790	54,822.36	
117 - STATE UNEMPLOYMENT	0.00	0.00	600	600.00	
171 - SICK LEAVE PAID AT RETIREMENT	0.00	0.00	0	0.00	
172 - RETIREE MEDICAL INSURANCE CONTRIBUTIOI	750.00	2,250.00	0	(2,250.00)	
175 - MEAL ALLOWANCES	0.00	0.00	20	20.00	
<b>Total for 100s - PAYROLL CHGS</b>	<b>38,945.09</b>	<b>221,203.02</b>	<b>533,660</b>	<b>312,456.98</b>	<b>41.45 %</b>
202 - TRAVEL	0.00	0.00	0	0.00	
204 - TRAINING	172.50	512.50	3,780	3,267.50	
205 - PARKING & SHUTTLE SERVICE	0.00	2.20	0	(2.20)	
215 - AUDITING AND BANK SERVICES	26.58	254.02	3,000	2,745.98	
219 - MISCELLANEOUS PROFESSIONAL SERVICES	0.00	354.79	49,600	49,245.21	
220 - REMEDIATION FEE	0.00	70.00	70	0.00	
221 - INSUR-PUBLIC LIABILITY	0.00	19,560.00	19,560	0.00	
231 - R&M BUILDINGS & GROUNDS	119.32	402.96	2,000	1,597.04	
232 - R&M MACHINERY & EQUIPMENT	0.00	114.01	500	385.99	
235 - MINOR REHAB, REMODEL & ALTER	0.00	0.00	0	0.00	
240 - CELL PHONE AND CABLE SERVICES	248.54	916.45	1,570	653.55	
241 - ELECTRICITY	368.69	2,841.32	5,420	2,578.68	
242 - WATER	7.46	43.64	1,110	1,066.36	
244 - WASTE DISPOSAL	7,064.72	30,886.72	0	(30,886.72)	
245 - TELEPHONE	0.00	2,093.50	5,700	3,606.50	
247 - GAS	0.00	0.00	0	0.00	
248 - SEWER	0.00	0.00	0	0.00	
252 - RENTS EQUIPMENT	236.38	1,653.06	4,500	2,846.94	
253 - WIRELESS MODEM CHARGES	40.01	240.16	0	(240.16)	
263 - PUBLIC RELATIONS	198.45	809.15	500	(309.15)	
283 - LICENSES AND PERMITS	175.00	175.00	500	325.00	



**Tucson/Pima County**

**Unit 4657 - HOUSEHOLD HAZARDOUS WASTE PROG**

**Environmental Services Department - Budget vs. Actual Expenses**

**FY 2013 For the Month Ending 12/31/12**

**Fund 002**

<b>Object</b>	<b>Current Total Obligations</b>	<b>YTD Total Obligations</b>	<b>Revised Budget Amount</b>	<b>Budget Balance</b>	<b>Percent</b>
284 - MEMBERSHIPS AND SUBSCRIPTIONS	0.00	879.50	550	(329.50)	
290 - RENTAL FLEET SERVICES	0.00	0.00	0	0.00	
293 - VEHICLE MAINTENANCE	865.79	2,103.79	7,000	4,896.21	
294 - RADIO AND DATA SERVICES	12.32	73.92	0	(73.92)	
295 - BUILDING MAINTENANCE	0.00	145.45	1,830	1,684.55	
<b>Total for 200s - PROF CHARGES</b>	<b>9,535.76</b>	<b>64,132.14</b>	<b>107,190</b>	<b>43,057.86</b>	<b>59.83 %</b>
311 - OFFICE SUPPLIES	260.82	1,046.26	950	(96.26)	
312 - PRINTING,PHOTOGRAPHY,REPRODUCTION	649.15	2,262.51	2,000	(262.51)	
331 - UNIFORMS, SAFETY AND SPECIAL CLOTHING	896.51	2,279.78	6,500	4,220.22	
338 - REPAIR PARTS	0.00	0.00	500	500.00	
341 - BOOK, PERIODICALS AND RECORDS	0.00	0.00	250	250.00	
345 - FURNISHINGS, EQUIPMENT AND TOOLS < \$5,0	0.00	4,011.61	0	(4,011.61)	
346 - COMPUTER EQUIPMENT < \$5,000	0.00	428.38	0	(428.38)	
352 - MAINTENANCE SUPPLIES FOR MACHINERY AN	0.00	0.00	1,000	1,000.00	
359 - NON OFFICE SUPPLIES	3,774.32	23,353.85	50,250	26,896.15	
395 - FLEET SERVICES GAS AND DIESEL	506.42	2,915.34	6,000	3,084.66	
<b>Total for 300s - SUPPLIES</b>	<b>6,087.22</b>	<b>36,297.73</b>	<b>67,450</b>	<b>31,152.27</b>	<b>53.81 %</b>
452 - FURNISHINGS,EQ,TOOLS >=\$5,000	0.00	0.00	30,000	30,000.00	
461 - VEHICLES	0.00	0.00	0	0.00	
<b>Total for 400s - CAPITAL OUT</b>	<b>0.00</b>	<b>0.00</b>	<b>30,000</b>	<b>30,000.00</b>	<b>0.00%</b>
<b>Total - Unit 4657</b>	<b>54,568.07</b>	<b>321,632.89</b>	<b>738,300</b>	<b>416,667.11</b>	<b>43.56 %</b>



**Tucson/Pima County**  
**Household Hazardous Waste Program**  
**FY 2013 Revenue/Expense Reconciliation**  
**For the Month Ending December 31, 2012**

	<b>BUDGET</b>			<b>ACTUALS</b>
<b>REVENUES</b>				
City of Tucson Contribution	362,960			181,480
Pima County Contribution	243,900			121,950
<b>Total Contribution*</b>	<b>606,860</b>			<b>303,430</b>
SBWAP Revenue	25,000			10,150
Special Event Fees	21,140			2,000
Miscellaneous Revenue				
Materials sold:				
Latex Paint (HHW)	45,000			13,550
Used Oil	25,500			21,270
Scrap Metal	9,000			3,596
Auto Batteries (HHW)	3,000			4,425
Resident Fee-Outside City	1,800			725
Auto Batteries (Los Reales)	1,000			680
Latex Paint (Los Reales)	0			13,605
<b>Total Program Revenue</b>	<b>131,440</b>			<b>70,001</b>
<b>TOTAL REVENUE</b>	<b>738,300</b>			<b>373,431</b>
<b>EXPENSES</b>	<b>738,300</b>			<b>321,633</b>
<b>Pima County Billings</b>	<b>Billed</b>	<b>Received</b>		<b>Balance</b>
1st Quarter	60,975	60,975		0
2nd Quarter	60,975	0		60,975
3rd Quarter	60,975	0		60,975
4th Quarter	0	0		0
<b>Total</b>	182,925	60,975		121,950
<b>Previous FY Balance due COT by Pima County</b>	0	0		0
<b>HHW Program Fund Balance as of June 30, 2012</b>				<b>89,279</b>
(reconciled annually)				

\*Contribution Actuals are accrued monthly

HHW Program Fund Balance 2013  
Equipment/Maintenance Plan

Item Description	Units	\$/Unit	Total
Can Crushers	2	10,500	21,000
Facility Floors Sealing	1	22,500	22,500
Data Automation System (3 handheld units)	1	20,000	20,000
IH Evaluation & Baseline	1	10,000	10,000
Operating/Facility Equipment			
Pallet Jack	1	850	850
Wire Baskets	10	248	2,480
Totes	40	28	1,130
Metal Lockers	8	360	2,880
Other Op Supplies (signs, tables, carts, etc.)			2,000
Facility Landscaping			6,360
	<b>Grand Total:</b>		<b>89,200</b>