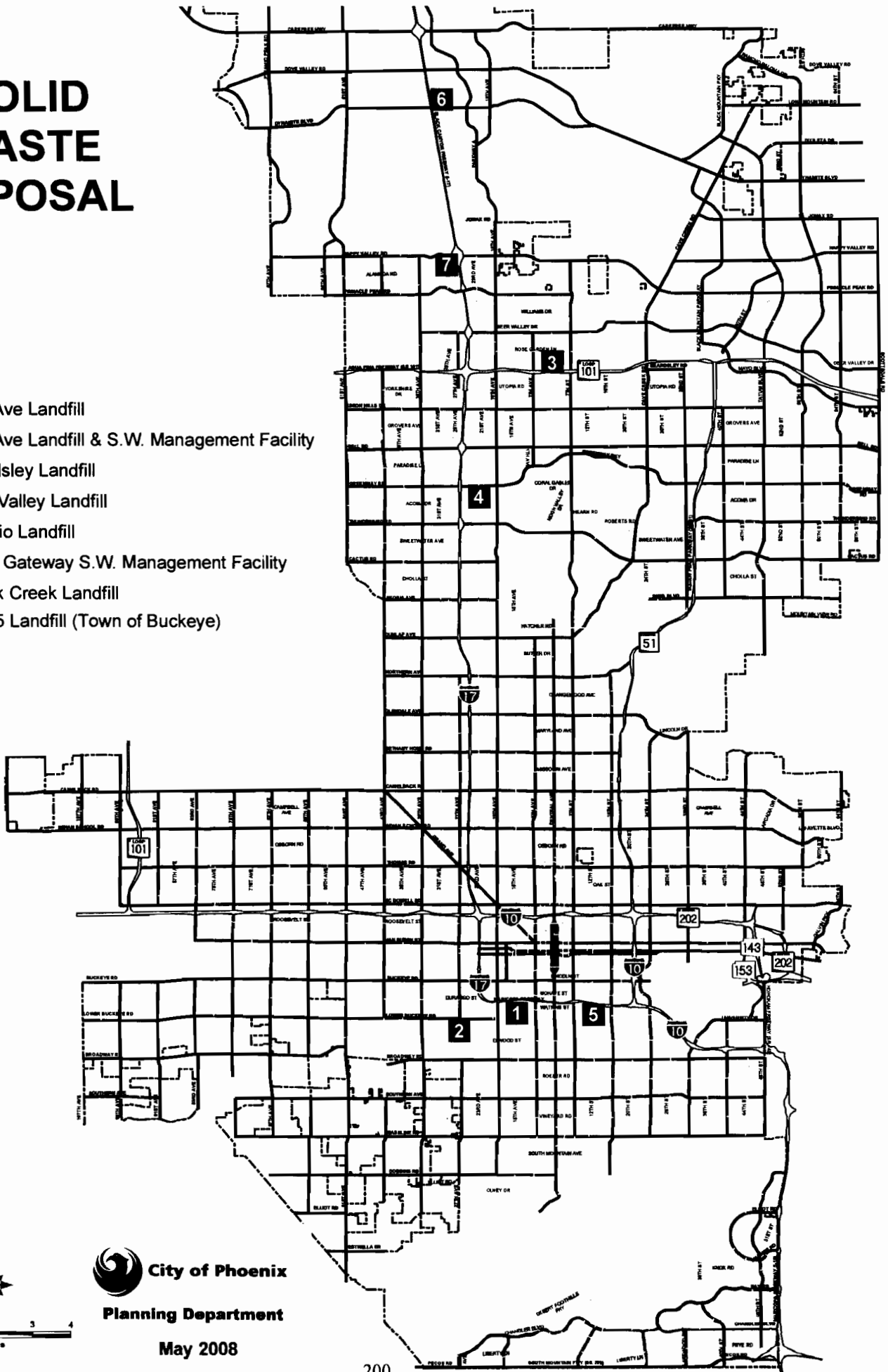


# SOLID WASTE DISPOSAL

- 1** 19th Ave Landfill
- 2** 27th Ave Landfill & S.W. Management Facility
- 3** Beardsley Landfill
- 4** Deer Valley Landfill
- 5** Del Rio Landfill
- 6** North Gateway S.W. Management Facility
- 7** Skunk Creek Landfill  
SR 85 Landfill (Town of Buckeye)



City of Phoenix  
Planning Department

May 2008

### **Solid Waste Disposal**

The \$111.7 million Solid Waste Disposal program includes projects at the city's open landfill, closed landfills and transfer stations, and is funded with Solid Waste revenue, Solid Waste Remediation funds and nonprofit corporation bond funds. Projects planned in the Solid Waste program include:

- Monitor and maintain methane gas extraction systems, cell lining and capping, and installing landscaping at the Skunk Creek landfill
- Expand and renovate 27<sup>th</sup> Avenue Transfer Station
- Monitor and maintain methane gas extraction systems and cell lining at the State Route 85 landfill
- Excavate cell and construct a drainage system for the State Route 85 landfill.
- Maintain soil capping and the methane gas collection system at the 19<sup>th</sup> Avenue landfill
- Monitor groundwater and methane gas and installing landscaping at the 27<sup>th</sup> Avenue landfill

**2008-2013 CAPITAL IMPROVEMENT PROGRAM**

**Solid Waste Disposal**  
Capital Improvement Program Summary

<b>Project Summary</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>Total</b>
19th Avenue Landfill	\$ 2,763,748	\$ 1,470,168	\$ 700,322	\$ 1,244,334	\$ 700,108	\$ 6,878,680
27th Avenue Landfill	1,235,124	472,800	-	432,000	-	2,139,924
Deer Valley Landfill	1,317,353	86,680	93,600	102,000	130,344	1,729,977
Del Rio Landfill	1,349,000	394,000	197,080	-	-	1,940,080
Other Projects	1,500,000	500,000	1,000,000	-	-	3,000,000
Skunk Creek Landfill	1,467,007	1,803,800	522,000	2,780,300	475,900	7,049,007
State Route 85 Landfill	34,259,174	4,250,000	13,317,200	9,000,000	7,230,000	68,056,374
Transfer Station	15,872,080	2,000,000	-	2,200,000	-	20,072,080
Percent for Art	861,576	-	-	-	-	861,576
<b>Total</b>	<b>\$ 60,625,062</b>	<b>\$ 10,977,448</b>	<b>\$ 15,830,202</b>	<b>\$ 15,758,634</b>	<b>\$ 8,536,352</b>	<b>\$ 111,727,698</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Solid Waste Revenues	\$ 2,879,966	\$ 2,977,800	\$ 2,319,080	\$ 2,389,300	\$ 3,012,544	\$ 13,578,690
<u>Bond Funds</u>						
2001 Bonds	\$ 22,000	\$ -	\$ -	\$ -	\$ -	\$ 22,000
Nonprofit Corporation Bonds - Solid Waste	54,959,348	6,529,480	12,810,800	12,125,000	4,823,700	91,248,328
<b>Total Bond Funds</b>	<b>\$ 54,981,348</b>	<b>\$ 6,529,480</b>	<b>\$ 12,810,800</b>	<b>\$ 12,125,000</b>	<b>\$ 4,823,700</b>	<b>\$ 91,270,328</b>
<u>Other Financing</u>						
Solid Waste Remediation	\$ 2,763,748	\$ 1,470,168	\$ 700,322	\$ 1,244,334	\$ 700,108	\$ 6,878,680
<b>Total Sources of Funds</b>	<b>\$ 60,625,062</b>	<b>\$ 10,977,448</b>	<b>\$ 15,830,202</b>	<b>\$ 15,758,634</b>	<b>\$ 8,536,352</b>	<b>\$ 111,727,698</b>

**City of Phoenix, Arizona**  
**2008-2013 Capital Improvement Program**  
**Solid Waste Disposal**

<b>Project No.</b>	<b>Project Title</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>Total</b>
<b>PW16510001</b>	<b>DEL RIO GROUNDWATER MONITORING</b>						
	Test and maintain groundwater at Del Rio Landfill.						
	Construction	-	-	197,080	-	-	197,080
	<b>Project Total</b>	-	-	<b>\$197,080</b>	-	-	<b>\$197,080</b>
	Solid Waste Revenues	-	-	197,080	-	-	197,080
	<b>Funding Total</b>	-	-	<b>\$197,080</b>	-	-	<b>\$197,080</b>
<b>PW16510003</b>	<b>DEL RIO FINAL GRADE &amp; FLARE</b>						
	Maintain flares and cover soil and fill low areas to provide proper drainage for settled Del Rio Landfill areas.						
	Construction	1,349,000	394,000	-	-	-	1,743,000
	<b>Project Total</b>	<b>\$1,349,000</b>	<b>\$394,000</b>	-	-	-	<b>\$1,743,000</b>
	Solid Waste Revenues	349,000	394,000	-	-	-	743,000
	Solid Waste Nonprofit Corp Bonds	1,000,000	-	-	-	-	1,000,000
	<b>Funding Total</b>	<b>\$1,349,000</b>	<b>\$394,000</b>	-	-	-	<b>\$1,743,000</b>
<b>PW16520001</b>	<b>19TH AVE FLOOD PROTECTION</b>						
	Maintain dikes with soil cement bank protection to prevent flood erosion along the Salt River.						
	Construction	421,448	338,128	-	-	-	759,576
	<b>Project Total</b>	<b>\$421,448</b>	<b>\$338,128</b>	-	-	-	<b>\$759,576</b>
	Solid Waste Remediation Funds	421,448	338,128	-	-	-	759,576
	<b>Funding Total</b>	<b>\$421,448</b>	<b>\$338,128</b>	-	-	-	<b>\$759,576</b>
<b>PW16520002</b>	<b>19TH AVE FINAL CAPPING</b>						
	Maintain soil cap material for the 19th Ave Landfill.						
	Construction	439,640	457,040	475,322	494,334	514,108	2,380,444
	<b>Project Total</b>	<b>\$439,640</b>	<b>\$457,040</b>	<b>\$475,322</b>	<b>\$494,334</b>	<b>\$514,108</b>	<b>\$2,380,444</b>
	Solid Waste Remediation Funds	439,640	457,040	475,322	494,334	514,108	2,380,444
	<b>Funding Total</b>	<b>\$439,640</b>	<b>\$457,040</b>	<b>\$475,322</b>	<b>\$494,334</b>	<b>\$514,108</b>	<b>\$2,380,444</b>
<b>PW16520003</b>	<b>19TH AVE GROUNDWATER MONITORING</b>						
	Test and maintain groundwater at the 19th Ave Landfill.						
	Study	197,080	-	-	-	-	197,080
	<b>Project Total</b>	<b>\$197,080</b>	-	-	-	-	<b>\$197,080</b>
	Solid Waste Remediation Funds	197,080	-	-	-	-	197,080
	<b>Funding Total</b>	<b>\$197,080</b>	-	-	-	-	<b>\$197,080</b>
<b>PW16520005</b>	<b>19TH AVE - GROUNDWATER REMEDIATION</b>						
	Contingency for groundwater remediation at the 19th Ave Landfill.						
	Construction	1,546,400	-	-	-	-	1,546,400
	<b>Project Total</b>	<b>\$1,546,400</b>	-	-	-	-	<b>\$1,546,400</b>
	Solid Waste Remediation Funds	1,546,400	-	-	-	-	1,546,400
	<b>Funding Total</b>	<b>\$1,546,400</b>	-	-	-	-	<b>\$1,546,400</b>

**City of Phoenix, Arizona**  
**2008-2013 Capital Improvement Program**  
**Solid Waste Disposal**

<b>Project No.</b>	<b>Project Title</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>Total</b>
<b>PW16520006</b>	<b>19TH AVE METHANE GAS SYSTEM</b>						
	Maintain the methane gas collection system at the 19th Ave Landfill.						
	Construction	159,180	675,000	225,000	750,000	186,000	1,995,180
	<b>Project Total</b>	<b>\$159,180</b>	<b>\$675,000</b>	<b>\$225,000</b>	<b>\$750,000</b>	<b>\$186,000</b>	<b>\$1,995,180</b>
	Solid Waste Remediation Funds	159,180	675,000	225,000	750,000	186,000	1,995,180
	<b>Funding Total</b>	<b>\$159,180</b>	<b>\$675,000</b>	<b>\$225,000</b>	<b>\$750,000</b>	<b>\$186,000</b>	<b>\$1,995,180</b>
<b>PW16530001</b>	<b>27TH AVE METHANE GAS SYSTEM</b>						
	Maintain the methane gas collection system at the 27th Ave Landfill.						
	Construction	250,000	-	-	-	-	250,000
	<b>Project Total</b>	<b>\$250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$250,000</b>
	Solid Waste Revenues	250,000	-	-	-	-	250,000
	<b>Funding Total</b>	<b>\$250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$250,000</b>
<b>PW16530002</b>	<b>27TH AVE GROUNDWATER MONITORING</b>						
	Test and maintain groundwater at the 27th Ave Landfill.						
	Construction	-	472,800	-	-	-	472,800
	<b>Project Total</b>	<b>-</b>	<b>\$472,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$472,800</b>
	Solid Waste Revenues	-	472,800	-	-	-	472,800
	<b>Funding Total</b>	<b>-</b>	<b>\$472,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$472,800</b>
<b>PW16530005</b>	<b>27TH AVE LANDSCAPING</b>						
	Landscape and maintain the soil cap for the 27th Ave Landfill.						
	Construction	985,124	-	-	432,000	-	1,417,124
	<b>Project Total</b>	<b>\$985,124</b>	<b>-</b>	<b>-</b>	<b>\$432,000</b>	<b>-</b>	<b>\$1,417,124</b>
	Solid Waste Revenues	628,500	-	-	432,000	-	1,060,500
	Solid Waste Nonprofit Corp Bonds	356,624	-	-	-	-	356,624
	<b>Funding Total</b>	<b>\$985,124</b>	<b>-</b>	<b>-</b>	<b>\$432,000</b>	<b>-</b>	<b>\$1,417,124</b>
<b>PW16550001</b>	<b>DEER VALLEY METHANE GAS SYSTEM</b>						
	Maintain the methane gas control system at the Deer Valley Landfill.						
	Construction	1,317,353	86,680	93,600	102,000	130,344	1,729,977
	<b>Project Total</b>	<b>\$1,317,353</b>	<b>\$86,680</b>	<b>\$93,600</b>	<b>\$102,000</b>	<b>\$130,344</b>	<b>\$1,729,977</b>
	Solid Waste Revenues	317,353	86,680	93,600	102,000	130,344	729,977
	Solid Waste Nonprofit Corp Bonds	1,000,000	-	-	-	-	1,000,000
	<b>Funding Total</b>	<b>\$1,317,353</b>	<b>\$86,680</b>	<b>\$93,600</b>	<b>\$102,000</b>	<b>\$130,344</b>	<b>\$1,729,977</b>
<b>PW16610001</b>	<b>SKUNK CREEK GROUNDWATER MONITORING</b>						
	Test and maintain groundwater at the Skunk Creek Landfill.						
	Construction	454,800	-	-	520,000	-	974,800
	<b>Project Total</b>	<b>\$454,800</b>	<b>-</b>	<b>-</b>	<b>\$520,000</b>	<b>-</b>	<b>\$974,800</b>
	Solid Waste Revenues	454,800	-	-	520,000	-	974,800
	<b>Funding Total</b>	<b>\$454,800</b>	<b>-</b>	<b>-</b>	<b>\$520,000</b>	<b>-</b>	<b>\$974,800</b>

**City of Phoenix, Arizona**  
**2008-2013 Capital Improvement Program**  
**Solid Waste Disposal**

<b>Project No.</b>	<b>Project Title</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>Total</b>
<b>PW16630001</b>	<b>SKUNK CREEK LINE AND CAP CELL 6</b>						
	Line and cap Cell 6 at the Skunk Creek Landfill.						
	Construction	406,894	-	440,000	-	475,900	1,322,794
	<b>Project Total</b>	<b>\$406,894</b>	<b>-</b>	<b>\$440,000</b>	<b>-</b>	<b>\$475,900</b>	<b>\$1,322,794</b>
	Solid Waste Nonprofit Corp Bonds	406,894	-	-	-	-	406,894
	Solid Waste - Mega V Bonds	-	-	440,000	-	475,900	915,900
	<b>Funding Total</b>	<b>\$406,894</b>	<b>-</b>	<b>\$440,000</b>	<b>-</b>	<b>\$475,900</b>	<b>\$1,322,794</b>
<b>PW16640002</b>	<b>SKUNK CREEK LANDSCAPING</b>						
	Maintain landscaping, repair soil cap and final drainage at the Skunk Creek Landfill.						
	Construction	605,313	78,800	82,000	85,300	-	851,413
	<b>Project Total</b>	<b>\$605,313</b>	<b>\$78,800</b>	<b>\$82,000</b>	<b>\$85,300</b>	<b>-</b>	<b>\$851,413</b>
	Solid Waste Revenues	605,313	78,800	82,000	85,300	-	851,413
	<b>Funding Total</b>	<b>\$605,313</b>	<b>\$78,800</b>	<b>\$82,000</b>	<b>\$85,300</b>	<b>-</b>	<b>\$851,413</b>
<b>PW16640004</b>	<b>SKUNK CREEK GAS MONITORING &amp; MAINTENANCE</b>						
	Monitor and maintain the methane gas systems at the Skunk Creek Landfill.						
	Construction	-	1,725,000	-	2,175,000	-	3,900,000
	<b>Project Total</b>	<b>-</b>	<b>\$1,725,000</b>	<b>-</b>	<b>\$2,175,000</b>	<b>-</b>	<b>\$3,900,000</b>
	Solid Waste Revenues	-	1,195,520	-	1,000,000	-	2,195,520
	Solid Waste Nonprofit Corp Bonds	-	129,480	-	-	-	129,480
	Solid Waste - Mega V Bonds	-	400,000	-	1,175,000	-	1,575,000
	<b>Funding Total</b>	<b>-</b>	<b>\$1,725,000</b>	<b>-</b>	<b>\$2,175,000</b>	<b>-</b>	<b>\$3,900,000</b>
<b>PW16700004</b>	<b>27TH AVE TRANSFER STATION HOPPERS AND FLOOR</b>						
	Repair the 27th Ave Landfill Solid Waste Transfer Station hopper and resurface damaged portions of the floor.						
	Construction	197,080	-	-	-	-	197,080
	<b>Project Total</b>	<b>\$197,080</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$197,080</b>
	Solid Waste Nonprofit Corp Bonds	197,080	-	-	-	-	197,080
	<b>Funding Total</b>	<b>\$197,080</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$197,080</b>
<b>PW16700013</b>	<b>27TH AVE TRANSFER STATION RENOVATE / RETROFIT CURRENT FACILITY</b>						
	Renovate and retrofit facility at the 27th Ave Transfer Station.						
	Construction	15,675,000	-	-	-	-	15,675,000
	<b>Project Total</b>	<b>\$15,675,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$15,675,000</b>
	Solid Waste Nonprofit Corp Bonds	13,675,000	-	-	-	-	13,675,000
	Solid Waste - Mega V Bonds	2,000,000	-	-	-	-	2,000,000
	<b>Funding Total</b>	<b>\$15,675,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$15,675,000</b>
<b>PW16700017</b>	<b>NGTS PAVING, UTILITIES, EMD DESIGN</b>						
	Install paving and utilities at North Gateway Transfer Station.						
	Design	-	2,000,000	-	2,200,000	-	4,200,000
	<b>Project Total</b>	<b>-</b>	<b>\$2,000,000</b>	<b>-</b>	<b>\$2,200,000</b>	<b>-</b>	<b>\$4,200,000</b>
	Solid Waste - Mega V Bonds	-	2,000,000	-	2,200,000	-	4,200,000
	<b>Funding Total</b>	<b>-</b>	<b>\$2,000,000</b>	<b>-</b>	<b>\$2,200,000</b>	<b>-</b>	<b>\$4,200,000</b>



**City of Phoenix, Arizona**  
**2008-2013 Capital Improvement Program**  
**Solid Waste Disposal**

<b>Project No.</b>	<b>Project Title</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>Total</b>
<b>PW16810008</b>	<b>SR85 L/F GAS MONITORING &amp; MAINTENANCE</b>						
	Function: SR 85 Landfill						
	District: Citywide						
	Monitor and maintain the methane gas systems at the State Route 85 Landfill.						
Construction		700,000	-	-	-	-	700,000
<b>Project Total</b>		<b>\$700,000</b>	-	-	-	-	<b>\$700,000</b>
Solid Waste - Mega V Bonds		700,000	-	-	-	-	700,000
<b>Funding Total</b>		<b>\$700,000</b>	-	-	-	-	<b>\$700,000</b>
<b>PW16990003</b>	<b>SPECIAL OPS &amp; CONTAINER FACILITY</b>						
	Function: Other Projects						
	District: 7						
	Construct the Special Operations and container facility.						
Design		-	500,000	-	-	-	500,000
Construction		1,500,000	-	1,000,000	-	-	2,500,000
<b>Project Total</b>		<b>\$1,500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	-	-	<b>\$3,000,000</b>
Solid Waste Revenues		-	500,000	-	-	-	500,000
Solid Waste Nonprofit Corp Bonds		1,500,000	-	-	-	-	1,500,000
Solid Waste - Mega V Bonds		-	-	1,000,000	-	-	1,000,000
<b>Funding Total</b>		<b>\$1,500,000</b>	<b>\$500,000</b>	<b>\$1,000,000</b>	-	-	<b>\$3,000,000</b>
<b>AR70000003</b>	<b>NORTH TRANSFER STATION PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: 2						
	Commission photographers to produce images about recycling for the gallery and display areas at the North Transfer Station.						
Construction		250,000	-	-	-	-	250,000
<b>Project Total</b>		<b>\$250,000</b>	-	-	-	-	<b>\$250,000</b>
Solid Waste Nonprofit Corp Bonds		228,000	-	-	-	-	228,000
2001 Environmental Protection & Pollution Clean-up Bonds		22,000	-	-	-	-	22,000
<b>Funding Total</b>		<b>\$250,000</b>	-	-	-	-	<b>\$250,000</b>
<b>AR70100003</b>	<b>PUBLIC WORKS TEMPORARY PROJECTS</b>						
	Function: Percent for Art						
	District: 7						
	Commission temporary outdoor sculptures using recycled materials.						
Equipment		196,000	-	-	-	-	196,000
<b>Project Total</b>		<b>\$196,000</b>	-	-	-	-	<b>\$196,000</b>
Solid Waste Nonprofit Corp Bonds		196,000	-	-	-	-	196,000
<b>Funding Total</b>		<b>\$196,000</b>	-	-	-	-	<b>\$196,000</b>
<b>AR70100004</b>	<b>SOLID WASTE PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: Citywide						
	Commission artists to create images that deal with the issues of recycling.						
Construction		115,576	-	-	-	-	115,576
<b>Project Total</b>		<b>\$115,576</b>	-	-	-	-	<b>\$115,576</b>
Solid Waste Nonprofit Corp Bonds		115,576	-	-	-	-	115,576
<b>Funding Total</b>		<b>\$115,576</b>	-	-	-	-	<b>\$115,576</b>
<b>AR70100007</b>	<b>SKUNK CREEK RECREATION AREA PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: 1						
	Provide an opportunity for artist participation in the design of recreational elements and artwork at the Skunk Creek Landfill.						
Construction		300,000	-	-	-	-	300,000
<b>Project Total</b>		<b>\$300,000</b>	-	-	-	-	<b>\$300,000</b>
Solid Waste Nonprofit Corp Bonds		300,000	-	-	-	-	300,000
<b>Funding Total</b>		<b>\$300,000</b>	-	-	-	-	<b>\$300,000</b>