



### **Solid Waste Disposal**

The \$81.8 million Solid Waste Disposal program includes projects at the city's landfills and is funded with Solid Waste Disposal revenue, Solid Waste Remediation funds and lease-purchase funds.

Projects at the Skunk Creek Landfill include the methane gas extraction systems, cell lining, capping and landscaping. Improvements to the 19<sup>th</sup> Avenue Landfill include maintaining soil capping and the methane gas collection system. Projects at the 27<sup>th</sup> Avenue Landfill include transfer station hopper and floor repairs, painting, landscaping and upgrading recycling equipment. In addition, the Solid Waste Disposal program includes cell excavation and construction of a drainage system and methane gas system for the new SR85 landfill.

**2005-2010 CAPITAL IMPROVEMENT PROGRAM**

**Solid Waste Disposal  
Capital Improvement Program Summary**

<b>Project Summary</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>Total</b>
19th Avenue Landfill	\$ 3,150,808	\$ 992,928	\$ 979,888	\$ 1,217,348	\$ 1,060,648	\$ 7,401,620
27th Avenue Landfill	1,084,300	-	-	-	-	1,084,300
Deer Valley Landfill	69,593	73,480	76,780	-	-	219,853
Del Rio Landfill	273,680	349,000	-	-	-	622,680
New Landfill	10,904,000	27,256,400	5,004,651	3,000,000	3,439,000	49,604,051
Skunk Creek Landfill	10,024,888	4,840,400	3,732,400	-	-	18,597,688
Transfer Station	1,796,855	-	1,500,000	-	-	3,296,855
Percent for Art	1,022,000	-	-	-	-	1,022,000
<b>Total</b>	<b>\$ 28,326,134</b>	<b>\$ 33,512,208</b>	<b>\$ 11,293,719</b>	<b>\$ 4,217,348</b>	<b>\$ 4,499,648</b>	<b>\$ 81,849,057</b>
<b>Source of Funds</b>						
<u>Operating Funds</u>						
Solid Waste	\$ 2,953,100	\$ 2,500,000	\$ 2,750,000	\$ 3,000,000	\$ 3,439,000	\$ 14,642,100
<u>Other Financing</u>						
Lease Purchase	\$ 22,222,226	\$ 30,019,280	\$ 7,563,831	\$ -	\$ -	\$ 59,805,337
Solid Waste Remediation	3,150,808	992,928	979,888	1,217,348	1,060,648	7,401,620
<b>Total Other Financing</b>	<b>\$ 25,373,034</b>	<b>\$ 31,012,208</b>	<b>\$ 8,543,719</b>	<b>\$ 1,217,348</b>	<b>\$ 1,060,648</b>	<b>\$ 67,206,957</b>
<b>Total Sources of Funds</b>	<b>\$ 28,326,134</b>	<b>\$ 33,512,208</b>	<b>\$ 11,293,719</b>	<b>\$ 4,217,348</b>	<b>\$ 4,499,648</b>	<b>\$ 81,849,057</b>

**City of Phoenix, Arizona**  
**2005-2010 Capital Improvement Program**  
**Solid Waste Disposal**

<i>Project No.</i>	<i>Project Title</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>Total</i>
<b>AR7000003</b>	<b>NORTH TRANSFER STATION - PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: 2						
	Commission an artist to design signage elements for the North Transfer Station.						
Construction		100,000	-	-	-	-	100,000
<b>Project Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
Solid Waste Lease Purchase		100,000	-	-	-	-	100,000
<b>Funding Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
<b>AR7010002</b>	<b>SOLID WASTE TEMPORARY VIEWING DISPLAY - PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: 7						
	Fabricate an interactive display at the 27th Avenue Solid Waste Management Facility.						
Construction		147,300	-	-	-	-	147,300
<b>Project Total</b>		<b>\$147,300</b>	-	-	-	-	<b>\$147,300</b>
Solid Waste Lease Purchase		147,300	-	-	-	-	147,300
<b>Funding Total</b>		<b>\$147,300</b>	-	-	-	-	<b>\$147,300</b>
<b>AR7010003</b>	<b>TEMPORARY ARTWORK 27TH AVE - PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: 7						
	Commission temporary artworks for display at the 27th Avenue Solid Waste Management Facility.						
Equipment or Other		74,700	-	-	-	-	74,700
<b>Project Total</b>		<b>\$74,700</b>	-	-	-	-	<b>\$74,700</b>
Solid Waste Lease Purchase		74,700	-	-	-	-	74,700
<b>Funding Total</b>		<b>\$74,700</b>	-	-	-	-	<b>\$74,700</b>
<b>AR7010004</b>	<b>SOLID WASTE - PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: Citywide						
	Acquire artwork for Solid Waste projects.						
Construction		500,000	-	-	-	-	500,000
<b>Project Total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
Solid Waste Lease Purchase		500,000	-	-	-	-	500,000
<b>Funding Total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>AR7010005</b>	<b>CENTER FOR ENVIRONMENTAL LEARNING AND ENTERPRISE - PERCENT FOR ART</b>						
	Function: Percent for Art						
	District: 7						
	Develop artwork at the Center for Environmental Learning and Enterprise (CELE).						
Construction		100,000	-	-	-	-	100,000
<b>Project Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
Solid Waste Lease Purchase		100,000	-	-	-	-	100,000
<b>Funding Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
<b>AR7010007</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		100,000	-	-	-	-	100,000
<b>Project Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>
Solid Waste Lease Purchase		100,000	-	-	-	-	100,000
<b>Funding Total</b>		<b>\$100,000</b>	-	-	-	-	<b>\$100,000</b>



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<i>Project No.</i>	<i>Project Title</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>Total</i>
<b>PW16520005</b>	<b>19TH AVENUE - GROUNDWATER REMEDIATION</b>						
	Contingency for groundwater remediation at the 19th Avenue Landfill.						
	Construction	1,500,000	-	-	-	-	1,500,000
	<b>Project Total</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>
	Solid Waste Remediation Funds	1,500,000	-	-	-	-	1,500,000
	<b>Funding Total</b>	<b>\$1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,500,000</b>
<b>PW16520006</b>	<b>19TH AVENUE - METHANE GAS SYSTEM</b>						
	Maintain the methane gas collection system at the 19th Avenue Landfill.						
	Construction	240,280	200,000	152,880	159,180	165,480	917,820
	<b>Project Total</b>	<b>\$240,280</b>	<b>\$200,000</b>	<b>\$152,880</b>	<b>\$159,180</b>	<b>\$165,480</b>	<b>\$917,820</b>
	Solid Waste Remediation Funds	240,280	200,000	152,880	159,180	165,480	917,820
	<b>Funding Total</b>	<b>\$240,280</b>	<b>\$200,000</b>	<b>\$152,880</b>	<b>\$159,180</b>	<b>\$165,480</b>	<b>\$917,820</b>
<b>PW16520007</b>	<b>19TH AVENUE - REMEDIATION DESIGN</b>						
	Design remediation projects at the 19th Avenue Landfill.						
	Construction	120,000	-	-	-	-	120,000
	<b>Project Total</b>	<b>\$120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$120,000</b>
	Solid Waste Remediation Funds	120,000	-	-	-	-	120,000
	<b>Funding Total</b>	<b>\$120,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$120,000</b>
<b>PW16530002</b>	<b>27TH AVENUE - GROUNDWATER MONITORING</b>						
	Groundwater testing and maintenance at the 27th Avenue Landfill.						
	Construction	400,800	-	-	-	-	400,800
	<b>Project Total</b>	<b>\$400,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$400,800</b>
	Solid Waste Lease Purchase	400,800	-	-	-	-	400,800
	<b>Funding Total</b>	<b>\$400,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$400,800</b>
<b>PW16530005</b>	<b>27TH AVENUE - LANDSCAPING</b>						
	Landscape the 27th Avenue Landfill and maintain the soil cap.						
	Construction	683,500	-	-	-	-	683,500
	<b>Project Total</b>	<b>\$683,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$683,500</b>
	Solid Waste Lease Purchase	434,000	-	-	-	-	434,000
	Solid Waste Disposal Operating	249,500	-	-	-	-	249,500
	<b>Funding Total</b>	<b>\$683,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$683,500</b>
<b>PW16550001</b>	<b>DEER VALLEY - METHANE GAS SYSTEM</b>						
	Maintain the methane gas control system at the Deer Valley Landfill.						
	Construction	69,593	73,480	76,780	-	-	219,853
	<b>Project Total</b>	<b>\$69,593</b>	<b>\$73,480</b>	<b>\$76,780</b>	<b>-</b>	<b>-</b>	<b>\$219,853</b>
	Solid Waste Lease Purchase	69,593	73,480	76,780	-	-	219,853
	<b>Funding Total</b>	<b>\$69,593</b>	<b>\$73,480</b>	<b>\$76,780</b>	<b>-</b>	<b>-</b>	<b>\$219,853</b>

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<i>Project No.</i>	<i>Project Title</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>Total</i>
<b>PW1660001</b>	<b>SKUNK CREEK - METHANE GAS SYSTEM</b>	<b>Function: Skunk Creek Landfill</b>			<b>District: Citywide</b>		
Construct a methane gas extraction system for the Skunk Creek Landfill.							
Construction		5,141,298	282,000	1,500,000	-	-	6,923,298
<b>Project Total</b>		<b>\$5,141,298</b>	<b>\$282,000</b>	<b>\$1,500,000</b>	-	-	<b>\$6,923,298</b>
Solid Waste Lease Purchase		4,891,298	282,000	1,500,000	-	-	6,673,298
Solid Waste Disposal Operating		250,000	-	-	-	-	250,000
<b>Funding Total</b>		<b>\$5,141,298</b>	<b>\$282,000</b>	<b>\$1,500,000</b>	-	-	<b>\$6,923,298</b>
<b>PW16610001</b>	<b>SKUNK CREEK - GROUNDWATER MONITORING</b>	<b>Function: Skunk Creek Landfill</b>			<b>District: Citywide</b>		
Groundwater testing and maintenance at the Skunk Creek Landfill.							
Construction		400,800	-	-	-	-	400,800
<b>Project Total</b>		<b>\$400,800</b>	-	-	-	-	<b>\$400,800</b>
Solid Waste Lease Purchase		400,800	-	-	-	-	400,800
<b>Funding Total</b>		<b>\$400,800</b>	-	-	-	-	<b>\$400,800</b>
<b>PW16630001</b>	<b>SKUNK CREEK - LINE AND CAP CELL 6</b>	<b>Function: Skunk Creek Landfill</b>			<b>District: Citywide</b>		
Line and cap Cell 6 at the Skunk Creek Landfill.							
Construction		2,428,600	4,488,600	509,600	-	-	7,426,800
<b>Project Total</b>		<b>\$2,428,600</b>	<b>\$4,488,600</b>	<b>\$509,600</b>	-	-	<b>\$7,426,800</b>
Solid Waste Lease Purchase		2,225,000	4,488,600	509,600	-	-	7,223,200
Solid Waste Disposal Operating		203,600	-	-	-	-	203,600
<b>Funding Total</b>		<b>\$2,428,600</b>	<b>\$4,488,600</b>	<b>\$509,600</b>	-	-	<b>\$7,426,800</b>
<b>PW16640002</b>	<b>SKUNK CREEK - LANDSCAPING</b>	<b>Function: Skunk Creek Landfill</b>			<b>District: Citywide</b>		
Install fencing and landscaping at the Skunk Creek Landfill.							
Construction		454,200	69,800	72,800	-	-	596,800
<b>Project Total</b>		<b>\$454,200</b>	<b>\$69,800</b>	<b>\$72,800</b>	-	-	<b>\$596,800</b>
Solid Waste Lease Purchase		454,200	69,800	72,800	-	-	596,800
<b>Funding Total</b>		<b>\$454,200</b>	<b>\$69,800</b>	<b>\$72,800</b>	-	-	<b>\$596,800</b>
<b>PW16640004</b>	<b>SKUNK CREEK-GAS MONITORING AND MAINTENANCE</b>	<b>Function: Skunk Creek Landfill</b>			<b>District: Citywide</b>		
Monitor and maintain the methane gas systems at the Skunk Creek Landfill.							
Construction		1,600,000	-	1,650,000	-	-	3,250,000
<b>Project Total</b>		<b>\$1,600,000</b>	-	<b>\$1,650,000</b>	-	-	<b>\$3,250,000</b>
Solid Waste Lease Purchase		1,600,000	-	1,650,000	-	-	3,250,000
<b>Funding Total</b>		<b>\$1,600,000</b>	-	<b>\$1,650,000</b>	-	-	<b>\$3,250,000</b>
<b>PW16700002</b>	<b>NORTH TRANSFER STATION</b>	<b>Function: Transfer Station</b>			<b>District: Citywide</b>		
Complete construction of the new North Transfer Station and Recycling Center. Estimated full-year ongoing operating costs: \$3,900,000							
Construction		823,175	-	-	-	-	823,175
<b>Project Total</b>		<b>\$823,175</b>	-	-	-	-	<b>\$823,175</b>
Solid Waste Lease Purchase		823,175	-	-	-	-	823,175
<b>Funding Total</b>		<b>\$823,175</b>	-	-	-	-	<b>\$823,175</b>

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<b>PW16700003</b>	<b>27TH AVENUE TRANSFER STATION - PAINTING</b> Paint the 27th Avenue Landfill Solid Waste Transfer Station.						
				Function: Transfer Station		District: Citywide	
Construction		-	-	1,500,000	-	-	1,500,000
<b>Project Total</b>		-	-	<b>\$1,500,000</b>	-	-	<b>\$1,500,000</b>
Solid Waste Lease Purchase		-	-	1,500,000	-	-	1,500,000
<b>Funding Total</b>		-	-	<b>\$1,500,000</b>	-	-	<b>\$1,500,000</b>
<b>PW16700004</b>	<b>27TH AVENUE TRANSFER STATION - HOPPERS AND FLOOR</b> Repair the 27th Avenue Landfill Solid Waste Transfer Station hopper and resurface damaged portions of the floor.						
Construction		173,680	-	-	-	-	173,680
<b>Project Total</b>		<b>\$173,680</b>	-	-	-	-	<b>\$173,680</b>
Solid Waste Lease Purchase		173,680	-	-	-	-	173,680
<b>Funding Total</b>		<b>\$173,680</b>	-	-	-	-	<b>\$173,680</b>
<b>PW16700010</b>	<b>NORTH GATEWAY TRANSFER STATION - RECYCLING FACILITY EQUIPMENT</b> Acquire major parts for recycling equipment.						
Construction		300,000	-	-	-	-	300,000
<b>Project Total</b>		<b>\$300,000</b>	-	-	-	-	<b>\$300,000</b>
Solid Waste Lease Purchase		300,000	-	-	-	-	300,000
<b>Funding Total</b>		<b>\$300,000</b>	-	-	-	-	<b>\$300,000</b>
<b>PW16700015</b>	<b>27TH AVENUE TRANSFER STATION - IMPROVE AND REFURBISH RECYCLING EQUIPMENT</b> Refurbish and upgrade recycling equipment.						
Construction		500,000	-	-	-	-	500,000
<b>Project Total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
Solid Waste Lease Purchase		500,000	-	-	-	-	500,000
<b>Funding Total</b>		<b>\$500,000</b>	-	-	-	-	<b>\$500,000</b>
<b>PW16810001</b>	<b>SR 85 LANDFILL - CELL EXCAVATION</b> Cell excavation and lining at the SR 85 Landfill.						
Construction		9,404,000	12,056,000	4,548,000	3,000,000	3,439,000	32,447,000
<b>Project Total</b>		<b>\$9,404,000</b>	<b>\$12,056,000</b>	<b>\$4,548,000</b>	<b>\$3,000,000</b>	<b>\$3,439,000</b>	<b>\$32,447,000</b>
Solid Waste Lease Purchase		7,154,000	9,556,000	1,798,000	-	-	18,508,000
Solid Waste Disposal Operating		2,250,000	2,500,000	2,750,000	3,000,000	3,439,000	13,939,000
<b>Funding Total</b>		<b>\$9,404,000</b>	<b>\$12,056,000</b>	<b>\$4,548,000</b>	<b>\$3,000,000</b>	<b>\$3,439,000</b>	<b>\$32,447,000</b>
<b>PW16810002</b>	<b>SR 85 LANDFILL - CELL 1 CAPPING</b> Line and Cap Cell 1 at the SR 85 Landfill.						
Construction		-	200,400	-	-	-	200,400
<b>Project Total</b>		-	<b>\$200,400</b>	-	-	-	<b>\$200,400</b>
Solid Waste Lease Purchase		-	200,400	-	-	-	200,400
<b>Funding Total</b>		-	<b>\$200,400</b>	-	-	-	<b>\$200,400</b>

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<b>PW16810003</b>	<b>SR 85 LANDFILL - METHANE GAS EXTRACTION SYSTEM</b>						
	Construct methane gas extraction system for the SR 85 Landfill.						
	Construction	-	-	456,651	-	-	456,651
	<b>Project Total</b>	-	-	<b>\$456,651</b>	-	-	<b>\$456,651</b>
	Solid Waste Lease Purchase	-	-	456,651	-	-	456,651
	<b>Funding Total</b>	-	-	<b>\$456,651</b>	-	-	<b>\$456,651</b>
<b>PW16810004</b>	<b>SR 85 LANDFILL - DRAINAGE</b>						
	Construct drainage system for SR 85 Landfill.						
	Construction	1,500,000	15,000,000	-	-	-	16,500,000
	<b>Project Total</b>	<b>\$1,500,000</b>	<b>\$15,000,000</b>	-	-	-	<b>\$16,500,000</b>
	Solid Waste Lease Purchase	1,500,000	15,000,000	-	-	-	16,500,000
	<b>Funding Total</b>	<b>\$1,500,000</b>	<b>\$15,000,000</b>	-	-	-	<b>\$16,500,000</b>