

## Managing Ongoing Responsibilities

## Variable-Rate Financings & Interest Rate Swaps



## Standard Swap Invoice

DATE: FEBRUARY 28, 2008

TO: CITY OF ROSEVILLE

ATTN: MONTY HANKS

CITY OF ROSEVILLE

FROM: MORGAN STANLEY CAPITAL SERVICES INC

RE: INTEREST RATE SWAP - OUR REF NO: AUD3U

NOTIONAL: USD 54,000,000.00

EFFECTIVE: 06/30/2005 MATURITY: 02/01/2035

PLEASE NOTE THE NEXT FLOATING RESET RATE ON THE ABOVE MENTIONED INTEREST RATE SWAP:

NEXT FLOATING RATE: 2.226520%

NEXT FLOATING PERIOD: 02/01/2008 - 03/03/2008

CURRENT PERIOD:

\_\_\_\_\_

AS PER THE TERMS OF THE TRANSACTION,

CITY OF ROSEVILLE WILL REMIT A NET PAYMENT OF USD 69,890.80 FOR VALUE MARCH 3, 2008 TO MORGAN STANLEY CAPITAL SERVICES INC

THE BREAKDOWN OF THE PAYMENT IS SET OUT BELOW:

MORGAN STANLEY CAPITAL SERVICES INC PAYS USD 103,533.20
MORGAN STANLEY CAPITAL SERVICES INC RECEIVES USD 173,424.00

PLEASE PAY TO MORGAN STANLEY CAPITAL SERVICES INC AT THE FOLLOWING BANK ACCOUNT



## Fixed Leg Calculation

1	\$90,000,000	SWAP							
2	3.613% Fixe	ed Rate							
3	60% - Morgan Stanley								
4	40% - Bear Stearns								
5	40 % - Dear Stearns								
6	Payment				Day Count				
7	Туре	Notional	Start	End	Convention	Days	Rate	Adjustment	Interest
26	FIXED	54,000,000	1/2/2008	2/1/2008	Act360	29	3.613000%	100.00%	157,165.50
27	FIXED	36,000,000	1/2/2008	2/1/2008	Act360	29	3.613000%	100.00%	104,777.00
29	FIXED	54,000,000	2/1/2008	200000	A -+2CO	32	3.613000%	100.00%	172 424 00
		· ·		3/3/2008	Act360				173,424.00
30	FIXED	36,000,000	2/1/2008	3/3/2008	Act360	32	3.613000%	100.00%	115,616.00
32	FIXED	54,000,000	3/3/2008	4/1/2008	Act360	28	3.613000%	100.00%	
33	FIXED	36,000,000	3/3/2008	4/1/2008	Act360	28	3.613000%	100.00%	
35	FIXED	54,000,000	4/1/2008	5/1/2008	Act360	30	3.613000%	100.00%	
36	FIXED	36,000,000	4/1/2008	5/1/2008	Act360	30	3.613000%	100.00%	
38	FIXED	54,000,000	5/1/2008	6/1/2008	Act360	30	3.613000%	100.00%	
39	FIXED	36,000,000	5/1/2008	6/1/2008	Act360	30	3.613000%	100.00%	
40									
41	FIXED	54,000,000	6/1/2008	7/2/2008	Act360	31	3.613000%	100.00%	
42	FIXED	36,000,000	6/1/2008	7/2/2008	Act360	31	3.613000%	100.00%	
43									
44									



## Floating Leg Calculation

172										
173					MORGAN STANLEY					
174	Payment				Day Count					
175	Туре	Notional	Start	End	Convention	Days	Rate	Adjustment	Interest	
176	FLOAT	54,000,000	2/1/2008	2/5/2008	Act360	4	3.281250%	70.50%	13,879.69	
177		54,000,000	2/5/2008	2/12/2008	Act360	7	3.181250%	70.50%	23,549.20	
178		54,000,000	2/12/2008	2/19/2008	Act360	7	3.138750%	70.50%	23,234.60	
179		54,000,000	2/19/2008	2/26/2008	Act360	7	3.113750%	70.50%	23,049.53	
180		54,000,000	2/26/2008	3/3/2008	Act360	6	3.123750%	70.50%	19,820.19	
181		54,000,000				31			103,533.22	
182										
183										
184					BEAR STEARNS					
185	Payment				Day Count					
186	Туре	Notional	Start	End	Convention	Days	Rate	Adjustment	Interest	
187	FLOAT	36,000,000	2/1/2008	2/5/2008	Act360	4	3.281250%	70.50%	9,253.13	
188		36,000,000	2/5/2008	2/12/2008	Act360	7	3.181250%	70.50%	15,699.47	
189		36,000,000	2/12/2008	2/19/2008	Act360	7	3.138750%	70.50%	15,489.73	
190		36,000,000	2/19/2008	2/26/2008	Act360	7	3.113750%	70.50%	15,366.36	
191		36,000,000	2/26/2008	3/3/2008	Act360	6	3.123750%	70.50%	13,213.46	
192		36,000,000				31			69,022.14	
193										
194										



# Variable Payment Notification



Auction Rate Trader

Auction and Payment Summary 3/24/2008 - 3/24/2008

### City of Roseville 2005 B

CUSIP: 777807CE6 CTOL: 048073 Principal: \$90,000,000 Total Shares: 3,600

Lead: Morgan Stanley Inc. Moody's: Aga S&P: AAA Fitch: AAA

#### **Auction and Dividend Payment History**

Auction		Base	Winning	Percent	Days in	Settlement	Record	Payment	Interest	Total	Interest
Date	Benchmark	Rate	Rate	Base Rate	Period	Date	Date	Date	Per Share	Interest	Accrued
01.07/2008	LIBOR	4.441	3.250	73.18%	7	01/08/2008	01/14/2008	01/15/2008	\$15.80	\$56,875.00	\$56,875.00
01/14/2008	LIBOR	4.081	3.140	7694%	7	01/15/2008	01/18/2008	01/22/2008	\$15.26	\$54,950.00	\$54,950.00
01/18/2008	LIBOR	3 <i>9</i> 34	3.100	78.80%	7	01/22/2008	01/28/2008	01/29/2008	\$15.07	\$54,250.00	\$54,250.00
01/28/2008	LIBOR	3.281	3,000	91.44%	7	01/29/2008	02,04/2008	02/05/2008	\$14 <i>5</i> 8	\$52,500.00	\$52,500.00
02/04/2008	LIBOR	3.181	3.750	117.89%	7	02/05/2008	02/11/2008	02/12/2008	\$18.23	\$65,625.00	\$65,625.00
02/11/2008	LIBOR	3.139	3,800	121.06%	7	02/12/2008	02/15/2008	02/19/2008	\$18.47	\$66,500.00	\$66,500.00
02/15/2008	LIBOR	3.119	10.470	335.68%	7	02/19/2008	02/25/2008	02/26/2008	\$50.90	\$183,225.00	\$183,225.00
02/25/2008	LIBOR	3.124	7.440	238.16%	7	02/26/2008	03.03/2008	03/04/2008	\$36.17	\$130,200.00	\$130,200.00
03.03/2008	LIBOR	3.086	6 <i>9</i> 70	225.86%	7	03.04/2008	03/10/2008	03/11/2008	\$33.88	\$121,975.00	\$121,975.00
03/10/2008	LIBOR	2935	<u>6.240</u>	212.61%	7	03/11/2008	03/17/2008	03/18/2008	\$30.33	\$109,200.00	\$109,200.00
03/17/2008	LIBOR	2.559	6.120	239.16%	7	03/18/2008	03/24/2008	03/25/2008	\$29 <i>.</i> 75	\$107,100.00	\$107,100.00
03/24/2008	LIBOR	2.606	6.110	234.46%	7	03/25/2008	03/31/2008	04.01/2008	\$29.70	\$106,925.00	\$106,925.00
03/31/2008					7	04/01/2008	04.07/2008	04.08/2008	\$0.00	\$0.00	\$0.00

#### Service Fees

Payment Date	Agent Fee	Broker Fee	Total Payment
01/15/2008		\$4,375.00	\$4,375.00
01/22/2008		\$4,375,00	\$4,375,00



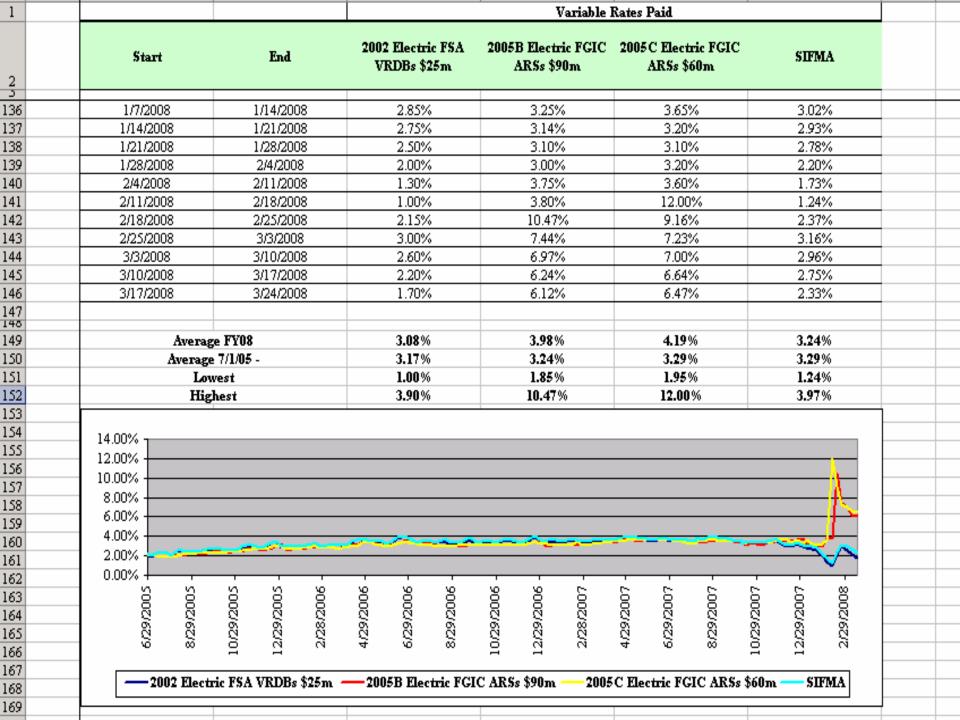
# Variable Payment Calculation

3	}									
4										
5	5									
- 6	<u> </u>	Month	Start	End	Days	Rate	Notional	Variable Pymt	Broker Fee	Total
5	_		12/25/2007	1/1/2008	7	3.70%	90,000,000	64,750.00	3,750.00	68,500.00
5	2	1 [	1/1/2008	1/7/2008	6	3.75%	90,000,000	56,250.00	4,375.00	60,625.00
5	3	January 2008	1/7/2008	1/14/2008	7	3.25%	90,000,000	56,875.00	4,375.00	61,250.00
5	4		1/14/2008	1/21/2008	7	3.14%	90,000,000	54,950.00	4,375.00	59,325.00
5	5		1/21/2008	1/28/2008	7	3.10%	90,000,000	54,250.00	4,375.00	58,625.00
5		Total			34		\$ 90,000,000	\$ 287,075.00	\$ 21,250.00	\$308,325.00
5		10141					+ 00,000,000	¥ 201,01010	¥ 21,200.00	4000,020,00
5			1/28/2008	2/4/2008	7	3.00%	90,000,000	52,500.00	4,375.00	56,875.00
6		February 2008	2/4/2008	2/11/2008	7	3.75%	90,000,000	65,625.00	4,375.00	70,000.00
6	1	rebluary 2000	2/11/2008	2/18/2008	7	3.80%	90,000,000	66,500.00	4,375.00	70,875.00
6.	2		2/18/2008	2/25/2008	7	10.47%	90,000,000	183,225.00	4,375.00	187,600.00
6	_	Total			28		\$ 90,000,000	\$ 367,850.00	\$ 17,500.00	\$385,350.00
0							+,,	+,	*,	4000,00000
6	6		2/25/2008	3/3/2008	7		90,000,000	-	4,375.00	
6	7	March 2008	3/3/2008	3/10/2008	7		90,000,000	-	4,375.00	
6	8	March 2000	3/10/2008	3/17/2008	7		90,000,000	-	4,375.00	
6	9		3/17/2008	3/24/2008	7		90,000,000	-	4,375.00	
7		Total			28		\$ 90,000,000	\$ -	\$ 17,500.00	\$ -
		rotti			20		ψ 30,000,000	Ψ	Ψ 11,300.00	Ψ -



### Summary Breakdown

	***				400/ D 0:	_		+							
			0%	Morgan Stanle	y - 40% Bear Stea	1rn	S	+					_		
	3.613% Fix							4					_		
4	70.5% 1-m	onth LIBO	R					$\perp$							
5								$\perp$							
6				MORGAN STANLEY				$\perp$		BE/	AR STEARNS				
7				54,000,000.00	70.50%				36,000,000.00		70.50%				
					1-MONTH		Net Swap				1-MONTH	Net Swap		Variable	Total
8	Month	Due		Fixed Amount	LIBOR		Payment	$\perp$	Fixed Amount		LIBOR	Payment		Payment	Payments
9	7/2/2007	8/1/2007		\$ 157,165.50	\$ (168,777.00)	\$	(11,611.50)	$\perp$	\$ 104,777.00	\$	(112,518.00)	\$ (7,741.00)		\$ 333,725.00	\$ 314,372.50
10	8/1/2007	9/4/2007		178,843.50	(196,203.26)		(17,359.77)	$\prod$	119,229.00		(130,802.18)	(11,573.08)		256,812.50	227,879.65
11	9/4/2007	10/1/2007		146,326.50	(158,930.35)		(12,603.85)	$\perp$	97,551.00		(105,953.57)	(8,402.57)		274,750.01	253,743.59
12	10/1/2007	11/1/2007		162,585.00	(164,843.80)		(2,258.80)	$\perp$	108,390.00		(109,895.87)	(1,505.87)		315,000.00	311,235.34
13	11/1/2007	12/3/2007		173,424.00	(159,872.23)		13,505.51	$\perp$	115,616.00		(106,581.48)	9,034.52		246,750.00	269,290.03
14	12/3/2007	1/2/2008		157,165.50	(160,462.48)		(3,413.31)	$\perp$	104,777.00		(106,974.99)	(2,353.00)		274,750.00	268,983.69
15	1/2/2008	2/1/2008		157,165.50	(131,572.83)		25,592.67	$\perp$	104,777.00		(87,715.22)	17,061.78		308,325.00	350,979.45
16	2/1/2008	3/3/2008		173,424.00	(103,533.22)		69,890.78	$\perp$	115,616.00		(69,022.14)	46,593.86		385,350.00	501,834.64
17	3/3/2008	4/1/2008		-	-		-	$\perp$	-		-	-		-	-
18	4/1/2008	5/1/2008		-	-		-		-		-	-		-	-
19	5/1/2008	6/1/2008		-	-		-		-		-	-		-	-
20	6/1/2008	7/2/2008		-	-		-	$\perp$	-		-	-		-	-
22	Totals			\$ 1,306,099.50	\$(1,244,195.16)	d:	61,741.74	+	\$ 870,733.00	\$	(920 462 44)	\$ 41,114.65		\$ 2,395,462.51	\$2,498,318.89
$\rightarrow$	Totals		$\rightarrow$	\$ 1,300,099.30	\$(1,244,195.10)	Φ	01,741.74	+	\$ 010,133.00	Ф	(023,403.44)	\$ 41,114.00	+	Φ 2,393, <del>4</del> 02.31	ΦZ,430,310.03
23								+					+		
24								+					+		
25 26						Ta	tal Float	+	(2.072.0E0.04)				+		
27						otal Float	+	(2,073,658.61)				+			
28							otal Variable	+	2,395,462.51				+		
			-			Ne	ŧL .	+	\$ 321,803.90	_			+		
20						1									





## Refunding Comparison

### SOUTH PLACER WASTEWATER AUTHORITY

Comparison of Debt Service Payments With 2003 Refunding/Swap

#### FY07

					New Del	bt Se	rvice/Swap	Costs						
	Old		Variable-Rate	F	-ixed-Rate	F	loating	Auction-Rate		Total	П			
Month	Debt Serivce [1]		Debt Service	!	Swap Cost	Swa	p Payment	Remarketing	M	onthly Cost		Cost/(Saving	gs)	
					-									
Jul-06			\$ 250,872	\$	269,419	\$	(253,174)	\$ 18,312	\$	285,429		\$ 285,43	29	
Aug-06			292,989		269,419		(269,793)	22,890		315,505		315,50	05	
Sep-06			230,729		269,419		(258,720)	18,312		259,740		259,74	40	
Oct-06			237,138		269,419		(248,387)	18,312		276,482		276,48	32	
Nov-06	\$ 2,222,538		294,691		919,419		(261,466)	22,759		975,402		(1,247,1)	35)	
Dec-06			233,683		267,559		(251,219)	18,185		268,209		268,20	19	
Jan-07			235,501		267,559		(260,181)	18,185		261,065		261,0	35	
Feb-07			225,499		267,559		(257,973)	18,185		253,271		253,23	71	
Mar-07			291,876		267,559		(225,499)	22,732		356,668		356,66	38	
Apr-07			249,140		267,559		(259,922)	18,185		274,963		274,90	33	
May-07	2,222,538		336,430		267,559		(257,069)	22,732		369,652		(1,852,8)	35)	
Jun-07 <sup>[2]</sup>			264,598		267,559		(265,638)	18,185		284,705		284,70		
							1				$\neg$	-	$\neg$	
Total	\$ 4,445,075		\$ 3,143,145	\$	3,870,011	\$	(3,069,040)	\$ 236,975	\$	4,181,091		\$ (263,98	34)	
\$ (263,984)	Estimated Savin	gs	FY07											

[1] Debt service is actually paid bi-annually. The monthly debt service is shown for comparison purposes only. The debt service amount is for the refunded portion of the bonds only, an additional \$16.5 million in bonds remain in a fixed-rate mode.



Service

3,917,466

3,863,067

3,866,968

3,870,011

15,517,511

Date

6/30/2004

6/30/2005

6/30/2006

6/30/2007

Totals

Service

assumption these would net to zero

4,445,075

4,445,075

4,445,075

4,445,075

17,780,300

# Projected vs. Actual

SOUTH PLACER WASTEWATER AUTHORITY,	Series 2003	(Auction Rate)	
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						Cash F	low	Analysis						
Actual (	Cash	Flow												
		Prior Debt	Ref	unding Debt	Re	funding	Va	riable Rate	Flo	ating Swap	Ref	funding Net		
Date		Service		Service	E	penses	De	bt Service		Payment	0	ash Flow	:	Savings
6/30/2004	\$	4,445,075	\$	3,917,990	\$	168,135	\$	645,852	\$	(473,291)	\$	4,258,686	\$	186,389
6/30/2005		4,445,075		3,863,067		244,783		1,539,750		(1,213,882)		4,433,718		11,357
6/30/2006		4,445,075		3,866,968		244,280		2,562,649		(2,442,342)		4,231,555		213,520
6/30/2007		4,445,075		3,870,011		236,975		3,143,145		(3,069,040)		4,181,091		263,984
Totals	\$	17,780,300	\$	15,518,036	\$	894,172	\$	7,891,396	\$	(7,198,555)	\$	17,105,049	\$	675,251
					+						-		-	
Project	ed S	avings Cash	Flow											
		Prior Debt	Ref	unding Debt	Re	funding	Va	riable Rate	Va	riable Rate	Ref	funding Net		

Expenses

189,301

242,539

242,281

239,985

914,106

Debt Service\*

Swap Payment\*

\$

Cash Flow

4,106,767

4,105,605

4,109,249

4,109,996

16,431,617

Savings

338,308

339,470

335,826

335,079

1,348,683



### Resources

- LIBOR Rates
  - http://www.bba.org.uk
- SIFMA Rates
  - http://archives1.sifma.org/swapdata.html
- Review swap confirm
- Payment Terms
  - Weekly vs. Monthly



## Managing Ongoing Responsibilities

**Questions?**