Mojave Desert and Mountain Integrated Waste Management Authority 2015 New Money Scenario #1 (\$45.54 million Project Fund)

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Mojave Desert and Mountain Integrated Waste Management Authority 2015 New Money Scenario #1 (\$45.54 million Project Fund)

	Dated Date Delivery Date	09/01/2015 09/01/2015	
Sources:			
Bond Procee	ds:		
Par Amo			46,000,000.00
			46,000,000.00
Uses:			
Project Fund			
Project I	Fund		45,540,000.00
Cost of Issua	nce:		
Estimate	ed Costs of Issuance (1%)	460,000.00
			46,000,000.00

BOND DEBT SERVICE

Mojave Desert and Mountain Integrated Waste Management Authority 2015 New Money Scenario #1 (\$45.54 million Project Fund)

Period				
Ending	Principal	Coupon	Interest	Debt Service
09/01/2016	730,000	4.675%	2,150,500.00	2,880,500.00
09/01/2017	765,000	4.675%	2,116,372.50	2,881,372.50
09/01/2018	800,000	4.675%	2,080,608.76	2,880,608.76
09/01/2019	840,000	4.675%	2,043,208.76	2,883,208.76
09/01/2020	880,000	4.675%	2,003,938.76	2,883,938.76
09/01/2021	920,000	4.675%	1,962,798.76	2,882,798.76
09/01/2022	965,000	4.675%	1,919,788.76	2,884,788.76
09/01/2023	1,010,000	4.675%	1,874,675.00	2,884,675.00
09/01/2024	1,055,000	4.675%	1,827,457.50	2,882,457.50
09/01/2025	1,105,000	4.675%	1,778,136.26	2,883,136.26
09/01/2026	1,155,000	4.675%	1,726,477.50	2,881,477.50
09/01/2027	1,210,000	4.675%	1,672,481.26	2,882,481.26
09/01/2028	1,265,000	4.675%	1,615,913.76	2,880,913.76
09/01/2029	1,325,000	4.675%	1,556,775.00	2,881,775.00
09/01/2030	1,390,000	4.675%	1,494,831.26	2,884,831.26
09/01/2031	1,450,000	4.675%	1,429,848.76	2,879,848.76
09/01/2032	1,520,000	4.675%	1,362,061.26	2,882,061.26
09/01/2033	1,590,000	4.675%	1,291,001.26	2,881,001.26
09/01/2034	1,665,000	4.675%	1,216,668.76	2,881,668.76
09/01/2035	1,745,000	4.675%	1,138,830.00	2,883,830.00
09/01/2036	1,825,000	4.675%	1,057,251.26	2,882,251.26
09/01/2037	1,910,000	4.675%	971,932.50	2,881,932.50
09/01/2038	2,000,000	4.675%	882,640.00	2,882,640.00
09/01/2039	2,095,000	4.675%	789,140.00	2,884,140.00
09/01/2040	2,190,000	4.675%	691,198.76	2,881,198.76
09/01/2041	2,295,000	4.675%	588,816.26	2,883,816.26
09/01/2042	2,400,000	4.675%	481,525.00	2,881,525.00
09/01/2043	2,515,000	4.675%	369,325.00	2,884,325.00
09/01/2044	2,630,000	4.675%	251,748.76	2,881,748.76
09/01/2045	2,755,000	4.675%	128,796.26	2,883,796.26
	46,000,000		40,474,747.68	86,474,747.68

Mojave Desert and Mountain Integrated Waste Management Authority 2015 New Money Scenario #1 (\$45.54 million Project Fund)

Dated Date	09/01/2015
Delivery Date	09/01/2015
Last Maturity	09/01/2045
Arbitrage Yield	4.675000%
True Interest Cost (TIC)	4.675000%
Net Interest Cost (NIC)	4.675000%
All-In TIC	4.761018%
Average Coupon	4.675000%
Average Life (years)	18.821
Weighted Average Maturity (years)	18.821
Duration of Issue (years)	11.989
Par Amount	46,000,000.00
Bond Proceeds	46,000,000.00
Total Interest	40,474,747.68
Net Interest	40,474,747.68
Total Debt Service	86,474,747.68
Maximum Annual Debt Service	2,884,831.26
Average Annual Debt Service	2,882,491.59
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	

Bid Price

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serials	46,000,000.00	100.000	4.675%	18.821	54,077.25
	46,000,000.00			18.821	54,077.25

	TIC	All-In TIC	Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount)	46,000,000.00	46,000,000.00	46,000,000.00
 Underwriter's Discount Cost of Issuance Expense Other Amounts 		-460,000.00	
Target Value	46,000,000.00	45,540,000.00	46,000,000.00
Target Date Yield	09/01/2015 4.675000%	09/01/2015 4.761018%	09/01/2015 4.675000%

Apple Valley 2015 New Money Scenario #2 (\$83.3 million Project Fund)

	Dated Date Delivery Date	09/01/2015 09/01/2015	
Sources:			
Bond Proceed Par Amo			84,145,000.00
			84,145,000.00
Uses:			
Project Fund Project F	•		83,300,000.00
Cost of Issua Estimate	nce: ed Costs of Issuance (1%)	841,450.00
Other Uses o Addition	f Funds: al Proceeds		3,550.00
			84,145,000.00

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BOND DEBT SERVICE

Apple Valley 2015 New Money Scenario #2 (\$83.3 million Project Fund)

Period Ending	Principal	Coupon	Interest	Debt Service
Ending	1 molpai	ooupon	mercor	Debt dervice
09/01/2016	1,340,000	4.675%	3,933,778.76	5,273,778.76
09/01/2017	1,400,000	4.675%	3,871,133.76	5,271,133.76
09/01/2018	1,465,000	4.675%	3,805,683.76	5,270,683.76
09/01/2019	1,535,000	4.675%	3,737,195.00	5,272,195.00
09/01/2020	1,610,000	4.675%	3,665,433.76	5,275,433.76
09/01/2021	1,685,000	4.675%	3,590,166.26	5,275,166.26
09/01/2022	1,760,000	4.675%	3,511,392.50	5,271,392.50
09/01/2023	1,845,000	4.675%	3,429,112.50	5,274,112.50
09/01/2024	1,930,000	4.675%	3,342,858.76	5,272,858.76
09/01/2025	2,020,000	4.675%	3,252,631.26	5,272,631.26
09/01/2026	2,115,000	4.675%	3,158,196.26	5,273,196.26
09/01/2027	2,215,000	4.675%	3,059,320.00	5,274,320.00
09/01/2028	2,315,000	4.675%	2,955,768.76	5,270,768.76
09/01/2029	2,425,000	4.675%	2,847,542.50	5,272,542.50
09/01/2030	2,540,000	4.675%	2,734,173.76	5,274,173.76
09/01/2031	2,655,000	4.675%	2,615,428.76	5,270,428.76
09/01/2032	2,780,000	4.675%	2,491,307.50	5,271,307.50
09/01/2033	2,910,000	4.675%	2,361,342.50	5,271,342.50
09/01/2034	3,050,000	4.675%	2,225,300.00	5,275,300.00
09/01/2035	3,190,000	4.675%	2,082,712.50	5,272,712.50
09/01/2036	3,340,000	4.675%	1,933,580.00	5,273,580.00
09/01/2037	3,495,000	4.675%	1,777,435.00	5,272,435.00
09/01/2038	3,660,000	4.675%	1,614,043.76	5,274,043.76
09/01/2039	3,830,000	4.675%	1,442,938.76	5,272,938.76
09/01/2040	4,010,000	4.675%	1,263,886.26	5,273,886.26
09/01/2041	4,195,000	4.675%	1,076,418.76	5,271,418.76
09/01/2042	4,390,000	4.675%	880,302.50	5,270,302.50
09/01/2043	4,595,000	4.675%	675,070.00	5,270,070.00
09/01/2044	4,810,000	4.675%	460,253.76	5,270,253.76
09/01/2045	5,035,000	4.675%	235,386.26	5,270,386.26
	84,145,000		74,029,793.92	158,174,793.92

Apple Valley 2015 New Money Scenario #2 (\$83.3 million Project Fund)

Dated Date	09/01/2015
Delivery Date	09/01/2015
Last Maturity	09/01/2045
Arbitrage Yield	4.675000%
True Interest Cost (TIC)	4.675000%
Net Interest Cost (NIC)	4.675000%
All-In TIC	4.761025%
Average Coupon	4.675000%
Average Life (years)	18.819
Weighted Average Maturity (years)	18.819
Duration of Issue (years)	11.988
Par Amount	84,145,000.00
Bond Proceeds	84,145,000.00
Total Interest	74,029,793.92
Net Interest	74,029,793.92
Total Debt Service	158,174,793.92
Maximum Annual Debt Service	5,275,433.76
Average Annual Debt Service	5,272,493.13
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	
Bid Price	100.000000

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serials	84,145,000.00	100.000	4.675%	18.819	98,912.15
	84,145,000.00			18.819	98,912.15

	TIC	All-In TIC	Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount)	84,145,000.00	84,145,000.00	84,145,000.00
 Underwriter's Discount Cost of Issuance Expense Other Amounts 		-841,450.00	
Target Value	84,145,000.00	83,303,550.00	84,145,000.00
Target Date Yield	09/01/2015 4.675000%	09/01/2015 4.761025%	09/01/2015 4.675000%

Apple Valley 2015 New Money Scenario #3b (\$8.16 million Annual Debt Service)

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Apple Valley 2015 New Money Scenario #3b (\$8.16 million Annual Debt Service)

	Dated Date Delivery Date	09/01/2015 09/01/2015	
Sources:			
Bond Proceed	IS:		
Par Amo	unt		130,175,000.00
			130,175,000.00
Uses:			
Cost of Issuar Estimate	nce: d Costs of Issuance (1	%)	1,301,750.00
Other Uses of	Funds:		
Project F	und		128,873,250.00
			130,175,000.00

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BOND DEBT SERVICE

Apple Valley 2015 New Money Scenario #3b (\$8.16 million Annual Debt Service)

Period Ending	Principal	Coupon	Interest	Debt Service
09/01/2016	2.070.000	4.675%	6,085,681.26	8,155,681.26
09/01/2017	2,170,000	4.675%	5.988.908.76	8,158,908.76
09/01/2018	2,270,000	4.675%	5,887,461.26	8,157,461.26
09/01/2019	2,375,000	4.675%	5,781,338.76	8,156,338.76
09/01/2020	2,485,000	4.675%	5,670,307.50	8,155,307.50
09/01/2021	2,605,000	4.675%	5,554,133.76	8,159,133.76
09/01/2022	2,725,000	4.675%	5,432,350.00	8,157,350.00
09/01/2023	2,850,000	4.675%	5,304,956.26	8,154,956.26
09/01/2024	2,985,000	4.675%	5,171,718.76	8,156,718.76
09/01/2025	3,125,000	4.675%	5,032,170.00	8,157,170.00
09/01/2026	3,270,000	4.675%	4,886,076.26	8,156,076.26
09/01/2027	3,425,000	4.675%	4,733,203.76	8,158,203.76
09/01/2028	3,585,000	4.675%	4,573,085.00	8,158,085.00
09/01/2029	3,750,000	4.675%	4,405,486.26	8,155,486.26
09/01/2030	3,925,000	4.675%	4,230,173.76	8,155,173.76
09/01/2031	4,110,000	4.675%	4,046,680.00	8,156,680.00
09/01/2032	4,305,000	4.675%	3,854,537.50	8,159,537.50
09/01/2033	4,505,000	4.675%	3,653,278.76	8,158,278.76
09/01/2034	4,715,000	4.675%	3,442,670.00	8,157,670.00
09/01/2035	4,935,000	4.675%	3,222,243.76	8,157,243.76
09/01/2036	5,165,000	4.675%	2,991,532.50	8,156,532.50
09/01/2037	5,405,000	4.675%	2,750,068.76	8,155,068.76
09/01/2038	5,660,000	4.675%	2,497,385.00	8,157,385.00
09/01/2039	5,925,000	4.675%	2,232,780.00	8,157,780.00
09/01/2040	6,200,000	4.675%	1,955,786.26	8,155,786.26
09/01/2041	6,490,000	4.675%	1,665,936.26	8,155,936.26
09/01/2042	6,795,000	4.675%	1,362,528.76	8,157,528.76
09/01/2043	7,110,000	4.675%	1,044,862.50	8,154,862.50
09/01/2044	7,445,000	4.675%	712,470.00	8,157,470.00
09/01/2045	7,795,000	4.675%	364,416.26	8,159,416.26
	130,175,000		114,534,227.68	244,709,227.68

Apple Valley 2015 New Money Scenario #3b (\$8.16 million Annual Debt Service)

Dated Date	09/01/2015
Delivery Date	09/01/2015
Last Maturity	09/01/2045
Arbitrage Yield	4.675000%
True Interest Cost (TIC)	4.675000%
Net Interest Cost (NIC)	4.675000%
All-In TIC	4.761021%
Average Coupon	4.675000%
Average Life (years)	18.820
Weighted Average Maturity (years)	18.820
Duration of Issue (years)	11.988
Par Amount	130,175,000.00
Bond Proceeds	130,175,000.00
Total Interest	114,534,227.68
Net Interest	114,534,227.68
Total Debt Service	244,709,227.68
Maximum Annual Debt Service	8,159,537.50
Average Annual Debt Service	8,156,974.26
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	

Bid Price

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serials	130,175,000.00	100.000	4.675%	18.820	153,026.75
	130,175,000.00			18.820	153,026.75

	TIC	All-In TIC	Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount) - Underwriter's Discount	130,175,000.00	130,175,000.00	130,175,000.00
- Cost of Issuance Expense - Other Amounts		-1,301,750.00	
Target Value	130,175,000.00	128,873,250.00	130,175,000.00
Target Date Yield	09/01/2015 4.675000%	09/01/2015 4.761021%	09/01/2015 4.675000%

Apple Valley 2015 New Money Scenario #3a (\$6.5 million Annual Debt Service)

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Apple Valley 2015 New Money Scenario #3a (\$6.5 million Annual Debt Service)

	Dated Date Delivery Date	09/01/2015 09/01/2015	
Sources:			
Bond Proceeds			
Par Amou	int		103,690,000.00
			103,690,000.00
Uses:			
Cost of Issuand Estimated	ce: I Costs of Issuance (1%	6)	1,036,900.00
Other Uses of Project Fu			102,653,100.00
			103,690,000.00

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BOND DEBT SERVICE

Apple Valley 2015 New Money Scenario #3a (\$6.5 million Annual Debt Service)

Period				
Ending	Principal	Coupon	Interest	Debt Service
09/01/2016	1,650,000	4.675%	4,847,507.50	6,497,507.50
09/01/2017	1,725,000	4.675%	4,770,370.00	6,495,370.00
09/01/2018	1,810,000	4.675%	4,689,726.26	6,499,726.26
09/01/2019	1,890,000	4.675%	4,605,108.76	6,495,108.76
09/01/2020	1,980,000	4.675%	4,516,751.26	6,496,751.26
09/01/2021	2,075,000	4.675%	4,424,186.26	6,499,186.26
09/01/2022	2,170,000	4.675%	4,327,180.00	6,497,180.00
09/01/2023	2,270,000	4.675%	4,225,732.50	6,495,732.50
09/01/2024	2,380,000	4.675%	4,119,610.00	6,499,610.00
09/01/2025	2,490,000	4.675%	4,008,345.00	6,498,345.00
09/01/2026	2,605,000	4.675%	3,891,937.50	6,496,937.50
09/01/2027	2,725,000	4.675%	3,770,153.76	6,495,153.76
09/01/2028	2,855,000	4.675%	3,642,760.00	6,497,760.00
09/01/2029	2,990,000	4.675%	3,509,288.76	6,499,288.76
09/01/2030	3,130,000	4.675%	3,369,506.26	6,499,506.26
09/01/2031	3,275,000	4.675%	3,223,178.76	6,498,178.76
09/01/2032	3,425,000	4.675%	3,070,072.50	6,495,072.50
09/01/2033	3,590,000	4.675%	2,909,953.76	6,499,953.76
09/01/2034	3,755,000	4.675%	2,742,121.26	6,497,121.26
09/01/2035	3,930,000	4.675%	2,566,575.00	6,496,575.00
09/01/2036	4,115,000	4.675%	2,382,847.50	6,497,847.50
09/01/2037	4,305,000	4.675%	2,190,471.26	6,495,471.26
09/01/2038	4,510,000	4.675%	1,989,212.50	6,499,212.50
09/01/2039	4,720,000	4.675%	1,778,370.00	6,498,370.00
09/01/2040	4,940,000	4.675%	1,557,710.00	6,497,710.00
09/01/2041	5,170,000	4.675%	1,326,765.00	6,496,765.00
09/01/2042	5,410,000	4.675%	1,085,067.50	6,495,067.50
09/01/2043	5,665,000	4.675%	832,150.00	6,497,150.00
09/01/2044	5,930,000	4.675%	567,311.26	6,497,311.26
09/01/2045	6,205,000	4.675%	290,083.76	6,495,083.76
	103,690,000		91,230,053.88	194,920,053.88

Apple Valley 2015 New Money Scenario #3a (\$6.5 million Annual Debt Service)

Dated Date	09/01/2015
Delivery Date	09/01/2015
Last Maturity	09/01/2045
Arbitrage Yield	4.675000%
True Interest Cost (TIC)	4.675000%
Net Interest Cost (NIC)	4.675000%
All-In TIC	4.761021%
Average Coupon	4.675000%
Average Life (years)	18.820
Weighted Average Maturity (years)	18.820
Duration of Issue (years)	11.988
Par Amount	103,690,000.00
Bond Proceeds	103,690,000.00
Total Interest	91,230,053.88
Net Interest	91,230,053.88
Total Debt Service	194,920,053.88
Maximum Annual Debt Service	6,499,953.76
Average Annual Debt Service	6,497,335.13
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	

Bid Price

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serials	103,690,000.00	100.000	4.675%	18.820	121,891.85
·	103,690,000.00			18.820	121,891.85

	TIC	All-In TIC	Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount) - Underwriter's Discount	103,690,000.00	103,690,000.00	103,690,000.00
- Cost of Issuance Expense - Other Amounts		-1,036,900.00	
Target Value	103,690,000.00	102,653,100.00	103,690,000.00
Target Date Yield	09/01/2015 4.675000%	09/01/2015 4.761021%	09/01/2015 4.675000%

Apple Valley 2015 New Money Scenario #4a (\$7.0 million Annual Debt Service)

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Apple Valley 2015 New Money Scenario #4a (\$7.0 million Annual Debt Service)

	l Date ery Date		9/01/2015 9/01/2015	
Sources:				
Bond Proceeds:				
Par Amount				111,670,000.00
				111,670,000.00
Uses:				
Cost of Issuance: Estimated Costs	oflesuance	(1%)		1,116,700.00
		(170)		1,110,700.00
Other Uses of Funds:				
Project Fund				110,553,300.00
				111,670,000.00

BOND DEBT SERVICE

Apple Valley 2015 New Money Scenario #4a (\$7.0 million Annual Debt Service)

Period Ending	Principal	Coupon	Interest	Debt Service
09/01/2016	1,775,000	4.675%	5,220,572.50	6,995,572.50
09/01/2017	1,860,000	4.675%	5,137,591.26	6,997,591.26
09/01/2018	1,945,000	4.675%	5,050,636.26	6,995,636.26
09/01/2019	2,040,000	4.675%	4,959,707.50	6,999,707.50
09/01/2020	2,135,000	4.675%	4,864,337.50	6,999,337.50
09/01/2021	2,235,000	4.675%	4,764,526.26	6,999,526.26
09/01/2022	2,335,000	4.675%	4,660,040.00	6,995,040.00
09/01/2023	2,445,000	4.675%	4,550,878.76	6,995,878.76
09/01/2024	2,560,000	4.675%	4,436,575.00	6,996,575.00
09/01/2025	2,680,000	4.675%	4,316,895.00	6,996,895.00
09/01/2026	2,805,000	4.675%	4,191,605.00	6,996,605.00
09/01/2027	2,935,000	4.675%	4,060,471.26	6,995,471.26
09/01/2028	3,075,000	4.675%	3,923,260.00	6,998,260.00
09/01/2029	3,220,000	4.675%	3,779,503.76	6,999,503.76
09/01/2030	3,370,000	4.675%	3,628,968.76	6,998,968.76
09/01/2031	3,525,000	4.675%	3,471,421.26	6,996,421.26
09/01/2032	3,690,000	4.675%	3,306,627.50	6,996,627.50
09/01/2033	3,865,000	4.675%	3,134,120.00	6,999,120.00
09/01/2034	4,045,000	4.675%	2,953,431.26	6,998,431.26
09/01/2035	4,235,000	4.675%	2,764,327.50	6,999,327.50
09/01/2036	4,430,000	4.675%	2,566,341.26	6,996,341.26
09/01/2037	4,640,000	4.675%	2,359,238.76	6,999,238.76
09/01/2038	4,855,000	4.675%	2,142,318.76	6,997,318.76
09/01/2039	5,080,000	4.675%	1,915,347.50	6,995,347.50
09/01/2040	5,320,000	4.675%	1,677,857.50	6,997,857.50
09/01/2041	5,570,000	4.675%	1,429,147.50	6,999,147.50
09/01/2042	5,830,000	4.675%	1,168,750.00	6,998,750.00
09/01/2043	6,100,000	4.675%	896,197.50	6,996,197.50
09/01/2044	6,385,000	4.675%	611,022.50	6,996,022.50
09/01/2045	6,685,000	4.675%	312,523.76	6,997,523.76
	111,670,000		98,254,241.38	209,924,241.38

Apple Valley 2015 New Money Scenario #4a (\$7.0 million Annual Debt Service)

Dated Date	09/01/2015
Delivery Date	09/01/2015
Last Maturity	09/01/2045
Arbitrage Yield	4.675000%
True Interest Cost (TIC)	4.675000%
Net Interest Cost (NIC)	4.675000%
All-In TIC	4.761020%
Average Coupon	4.675000%
Average Life (years)	18.821
Weighted Average Maturity (years)	18.821
Duration of Issue (years)	11.988
Par Amount	111,670,000.00
Bond Proceeds	111,670,000.00
Total Interest	98,254,241.38
Net Interest	98,254,241.38
Total Debt Service	209,924,241.38
Maximum Annual Debt Service	6,999,707.50
Average Annual Debt Service	6,997,474.71
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	

Bid Price

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serials	111,670,000.00	100.000	4.675%	18.821	131,275.45
	111,670,000.00			18.821	131,275.45

	TIC	All-In TIC	Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount)	111,670,000.00	111,670,000.00	111,670,000.00
 Underwriter's Discount Cost of Issuance Expense Other Amounts 		-1,116,700.00	
Target Value	111,670,000.00	110,553,300.00	111,670,000.00
Target Date Yield	09/01/2015 4.675000%	09/01/2015 4.761020%	09/01/2015 4.675000%

From:ahmad.thomas@barclays.comSent:Tuesday, April 28, 2015 11:43 AMTo:Marc PuckettSubject:sizings 3A & 4AAttachments:Apple Valley_Scenario 3a.pdf; Apple Valley_Scenario 4a.pdf

Hi Marc –

Please see attached for scenarios 3A and 4A.

Best, Ahmad

Ahmad Thomas I Vice President I Public Finance Tel 415 274 5546 I Fax 646 758 4475 I <u>Ahmad.Thomas@barclays.com</u> Barclays, 555 California Street, 30th Floor, San Francisco, CA 94104 barclays.com

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From: Thomas, Ahmad: Markets (SFO) Sent: Tuesday, April 28, 2015 11:39 AM To: 'MPuckett@applevalley.org' Subject: RE: sizings 3 & 4

Hi Marc –

I hope the debt service runs provided are helpful. Just to summarize the final rough results:

--Scenario 3 (\$5.164 mm annual debt service) would fund \$81.55 million

--Scenario 4 (\$5.968 mm annual debt service) would fund \$94.25 million

Thank you, Ahmad

Ahmad Thomas I Vice President I Public Finance Tel 415 274 5546 I Fax 646 758 4475 I <u>Ahmad.Thomas@barclays.com</u> Barclays, 555 California Street, 30th Floor, San Francisco, CA 94104 barclays.com

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From: Thomas, Ahmad: Markets (SFO) Sent: Tuesday, April 28, 2015 11:33 AM To: 'MPuckett@applevalley.org' Subject: sizings 3 & 4

Hi Marc - Please see attached.

Ahmad Thomas I Vice President I Public Finance Tel 415 274 5546 I Fax 646 758 4475 I <u>Ahmad.Thomas@barclays.com</u> Barclays, 555 California Street, 30th Floor, San Francisco, CA 94104 barclays.com This message is for information purposes only, it is not a recommendation, advice, offer or solicitation to buy or sell a product or service nor an official confirmation of any transaction. It is directed at persons who are professionals and is not intended for retail customer use. Intended for recipient only. This message is subject to the terms at: <u>www.barclays.com/emaildisclaimer</u>.

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Apple Valley 2015 New Money Scenario #4b (\$8.96 million Annual Debt Service)

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Apple Valley 2015 New Money Scenario #4b (\$8.96 million Annual Debt Service)

Dated Date Delivery Date	09/01/2015 09/01/2015	
Sources:		
Bond Proceeds:		
Par Amount		142,940,000.00
		142,940,000.00
Uses:		1
Cost of Issuance:		
Estimated Costs of Issuance (1%)		1,429,400.00
Other Uses of Funds:		
Project Fund		141,510,600.00
		142,940,000.00

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BOND DEBT SERVICE

Apple Valley 2015 New Money Scenario #4b (\$8.96 million Annual Debt Service)

Period				
Ending	Principal	Coupon	Interest	Debt Service
09/01/2016	2,275,000	4.675%	6,682,445.00	8,957,445.00
09/01/2017	2,380,000	4.675%	6,576,088.76	8,956,088.76
09/01/2018	2,495,000	4.675%	6,464,823.76	8,959,823.76
09/01/2019	2,610,000	4.675%	6,348,182.50	8,958,182.50
09/01/2020	2,730,000	4.675%	6,226,165.00	8,956,165.00
09/01/2021	2,860,000	4.675%	6,098,537.50	8,958,537.50
09/01/2022	2,990,000	4.675%	5,964,832.50	8,954,832.50
09/01/2023	3,130,000	4.675%	5,825,050.00	8,955,050.00
09/01/2024	3,280,000	4.675%	5,678,722.50	8,958,722.50
09/01/2025	3,430,000	4.675%	5,525,382.50	8,955,382.50
09/01/2026	3,590,000	4.675%	5,365,030.00	8,955,030.00
09/01/2027	3,760,000	4.675%	5,197,197.50	8,957,197.50
09/01/2028	3,935,000	4.675%	5,021,417.50	8,956,417.50
09/01/2029	4,120,000	4.675%	4,837,456.26	8,957,456.26
09/01/2030	4,310,000	4.675%	4,644,846.26	8,954,846.26
09/01/2031	4,515,000	4.675%	4,443,353.76	8,958,353.76
09/01/2032	4,725,000	4.675%	4,232,277.50	8,957,277.50
09/01/2033	4,945,000	4.675%	4,011,383.76	8,956,383.76
09/01/2034	5,175,000	4.675%	3,780,205.00	8,955,205.00
09/01/2035	5,420,000	4.675%	3,538,273.76	8,958,273.76
09/01/2036	5,670,000	4.675%	3,284,888.76	8,954,888.76
09/01/2037	5,935,000	4.675%	3,019,816.26	8,954,816.26
09/01/2038	6,215,000	4.675%	2,742,355.00	8,957,355.00
09/01/2039	6,505,000	4.675%	2,451,803.76	8,956,803.76
09/01/2040	6,810,000	4.675%	2,147,695.00	8,957,695.00
09/01/2041	7,130,000	4.675%	1,829,327.50	8,959,327.50
09/01/2042	7,460,000	4.675%	1,496,000.00	8,956,000.00
09/01/2043	7,810,000	4.675%	1,147,245.00	8,957,245.00
09/01/2044	8,175,000	4.675%	782,127.50	8,957,127.50
09/01/2045	8,555,000	4.675%	399,946.26	8,954,946.26
	142,940,000		125,762,876.36	268,702,876.36

Apple Valley 2015 New Money Scenario #4b (\$8.96 million Annual Debt Service)

Dated Date	09/01/2015
Delivery Date	09/01/2015
Last Maturity	09/01/2045
Arbitrage Yield	4.675000%
True Interest Cost (TIC)	4.675000%
Net Interest Cost (NIC)	4.675000%
All-In TIC	4.761023%
Average Coupon	4.675000%
Average Life (years)	18.820
Weighted Average Maturity (years)	18.820
Duration of Issue (years)	11.988
Par Amount	142,940,000.00
Bond Proceeds	142,940,000.00
Total Interest	125,762,876.36
Net Interest	125,762,876.36
Total Debt Service	268,702,876.36
Maximum Annual Debt Service	8,959,823.76
Average Annual Debt Service	8,956,762.55
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	

Bid Price

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serials	142,940,000.00	100.000	4.675%	18.820	168,029.30
·	142,940,000.00			18.820	168,029.30

	TIC	All-In TIC	Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount) - Underwriter's Discount	142,940,000.00	142,940,000.00	142,940,000.00
- Cost of Issuance Expense - Other Amounts		-1,429,400.00	
Target Value	142,940,000.00	141,510,600.00	142,940,000.00
Target Date Yield	09/01/2015 4.675000%	09/01/2015 4.761023%	09/01/2015 4.675000%