## SUMMARY OF REFUNDING RESULTS

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Dated Date | $11 / 06 / 2014$ |
| :--- | ---: |
| Delivery Date | $11 / 06 / 2014$ |
| Arbitrage yield | $2.460379 \%$ |
| Escrow yield | $0.009863 \%$ |
| Value of Negative Arbitrage | $87,037.72$ |
|  | $9,865,000.00$ |
| Bond Par Amount | $2.460379 \%$ |
| True Interest Cost | $2.460000 \%$ |
| Net Interest Cost | $2.460000 \%$ |
| Average Coupon | 4.950 |
| Average Life | $11,080,000.00$ |
|  | $4.374235 \%$ |
| Par amount of refunded bonds | 5.637 |
| Average coupon of refunded bonds | $12,164,809.95$ |
| Average life of refunded bonds | $1,108,570.22$ |
| PV of prior debt to 11/06/2014 @ 2.460379\% | $10.005146 \%$ |
| Net PV Savings | $11.237407 \%$ |

## SAVINGS

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Date | Prior <br> Debt Service | Prior <br> Receipts | Prior <br> Net Cash Flow | Refunding <br> Debt Service | Savings | Present Value <br> to 11/06/2014 |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $03 / 01 / 2015$ | $1,146,171.89$ | $3,863.59$ | $1,142,308.30$ | $1,092,522.46$ | $49,785.84$ | $49,382.96$ |
| $03 / 01 / 2016$ | $1,268,433.76$ | $5,189.90$ | $1,263,243.86$ | $1,107,710.00$ | $155,533.86$ | $151,849.48$ |
| $03 / 01 / 2017$ | $1,265,033.76$ | $5,189.90$ | $1,259,843.86$ | $1,105,816.00$ | $154,027.86$ | $146,691.40$ |
| $03 / 01 / 2018$ | $1,265,433.76$ | $5,189.90$ | $1,260,243.86$ | $1,108,430.00$ | $151,813.86$ | $141,037.11$ |
| $03 / 01 / 2019$ | $1,268,308.76$ | $5,189.90$ | $1,263,118.86$ | $1,110,429.00$ | $152,689.86$ | $138,340.08$ |
| $03 / 01 / 2020$ | $1,268,358.76$ | $5,189.90$ | $1,263,168.86$ | $1,111,813.00$ | $151,355.86$ | $133,738.68$ |
| $03 / 01 / 2021$ | $1,266,708.76$ | $5,189.90$ | $1,261,518.86$ | $1,107,582.00$ | $153,936.86$ | $132,627.58$ |
| $03 / 01 / 2022$ | $1,267,083.76$ | $5,189.90$ | $1,261,893.86$ | $1,107,859.00$ | $154,034.86$ | $129,403.27$ |
| $03 / 01 / 2023$ | $1,265,490.00$ | $5,189.90$ | $1,260,300.10$ | $1,107,521.00$ | $152,779.10$ | $125,145.98$ |
| $03 / 01 / 2024$ | $1,266,650.00$ | $5,189.90$ | $1,261,460.10$ | $1,106,568.00$ | $154,892.10$ | $123,693.12$ |
| $03 / 01 / 2025$ | $1,264,450.00$ | $1,479,595.60$ | $-215,145.60$ |  | $-215,145.60$ | $-166,927.11$ |
|  | $13,812,123.21$ | $1,530,168.29$ | $12,281,954.92$ | $11,066,250.46$ | $1,215,704.46$ | $1,104,982.56$ |

## Savings Summary

| PV of savings from cash flow | $1,104,982.56$ |
| :--- | ---: |
| Plus: Refunding funds on hand | $3,587.66$ |
| Net PV Savings | $1,108,570.22$ |

Notes:
Assumes Full Defeasance of 2005 Certificates of Participation
Assumes 2005 DSRF earns 0.352\% - County's Treasurer's Investment Pool March 31, 2014
2005 DSRF used to pay off 2025 maturity

## SUMMARY OF BONDS REFUNDED

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Bond | Maturity <br> Date | Interest <br> Rate | Par <br> Amount | Call <br> Date | Call <br> Price |
| :---: | :---: | :---: | :---: | :---: | ---: |
| 2005 Certificates of Participation, 2005: |  |  |  |  |  |
| SERIAL | $03 / 01 / 2015$ | $4.000 \%$ | $995,000.00$ |  |  |
|  | $03 / 01 / 2016$ | $4.000 \%$ | $835,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2017$ | $4.000 \%$ | $865,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2018$ | $4.125 \%$ | $900,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2019$ | $4.250 \%$ | $940,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2020$ | $4.250 \%$ | $980,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2021$ | $4.375 \%$ | $1,020,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2022$ | $4.375 \%$ | $1,065,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2023$ | $4.400 \%$ | $1,110,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2024$ | $4.500 \%$ | $1,160,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  | $03 / 01 / 2025$ | $4.500 \%$ | $1,210,000.00$ | $03 / 01 / 2015$ | 100.000 |
|  |  | $11,080,000.00$ |  |  |  |

## SOURCES AND USES OF FUNDS

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

Sources:

| Bond Proceeds: <br> Par Amount | $9,865,000.00$ |
| :--- | ---: |
| Other Sources of Funds: <br> Prior 2005 DSRF | $1,474,405.70$ |
|  | $11,339,405.70$ |

Uses:
Refunding Escrow Deposits:

| Cash Deposit | 0.04 |
| :--- | ---: |
| SLGS Purchases | $11,230,818.00$ |
|  | $11,230,818.04$ |

Delivery Date Expenses:
Cost of Issuance 105,000.00
Other Uses of Funds:
Additional Proceeds 3,587.66
11,339,405.70

## BOND SUMMARY STATISTICS

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Dated Date | $11 / 06 / 2014$ |
| :--- | ---: |
| Delivery Date | $11 / 06 / 2014$ |
| Last Maturity | $03 / 01 / 2024$ |
|  |  |
| Arbitrage Yield | $2.460379 \%$ |
| True Interest Cost (TIC) | $2.460379 \%$ |
| Net Interest Cost (NIC) | $2.460000 \%$ |
| All-In TIC | $2.696604 \%$ |
| Average Coupon | $2.460000 \%$ |
|  |  |
| Average Life (years) | 4.950 |
| Duration of Issue (years) | 4.598 |
|  |  |
| Par Amount | $9,865,000.00$ |
| Bond Proceeds | $9,865,000.00$ |
| Total Interest | $1,201,250.46$ |
| Net Interest | $1,201,250.46$ |
| Total Debt Service | $11,066,250.46$ |
| Maximum Annual Debt Service | $1,111,813.00$ |
| Average Annual Debt Service | $1,187,436.71$ |

Underwriter's Fees (per \$1000)
Average Takedown
Other Fee
Total Underwriter's Discount
Bid Price 100.000000

| Bond Component | Par <br> Value | Price | Average <br> Coupon | Average <br> Life |
| :--- | ---: | ---: | ---: | ---: |
| Serial Bond | $9,865,000.00$ | 100.000 | $2.460 \%$ | 4.950 |
|  | $9,865,000.00$ |  |  | 4.950 |


|  | TIC | $\begin{aligned} & \text { All-In } \\ & \text { TIC } \end{aligned}$ | Arbitrage Yield |
| :---: | :---: | :---: | :---: |
| Par Value | 9,865,000.00 | 9,865,000.00 | 9,865,000.00 |
| + Accrued Interest |  |  |  |
| + Premium (Discount) |  |  |  |
| - Underwriter's Discount |  |  |  |
| - Cost of Issuance Expense |  | -105,000.00 |  |
| - Other Amounts |  |  |  |
| Target Value | 9,865,000.00 | 9,760,000.00 | 9,865,000.00 |
| Target Date | 11/06/2014 | 11/06/2014 | 11/06/2014 |
| Yield | 2.460379\% | 2.696604\% | 2.460379\% |

## BOND SUMMARY STATISTICS

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014
Note: Assumes Full Defeasance of 2005 Certificates of Participation

## BOND PRICING

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Bond Component | Maturity Date | Amount | Rate | Yield | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Serial Bond: |  |  |  |  |  |
|  | 03/01/2015 | 1,015,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2016 | 890,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2017 | 910,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2018 | 935,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2019 | 960,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2020 | 985,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2021 | 1,005,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2022 | 1,030,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2023 | 1,055,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2024 | 1,080,000 | 2.460\% | 2.460\% | 100.000 |
|  | 03/01/2025 |  | 2.460\% | 2.460\% | 100.000 |
|  |  | 9,865,000 |  |  |  |


| Dated Date | $11 / 06 / 2014$ |  |
| :--- | ---: | ---: |
| Delivery Date | $11 / 06 / 2014$ |  |
| First Coupon | $03 / 01 / 2015$ |  |
| Par Amount | $9,865,000.00$ |  |
| Original Issue Discount | $9,865,000.00$ | $100.000000 \%$ |
| Production |  |  |
| Underwriter's Discount | $9,865,000.00$ | $100.000000 \%$ |
| Purchase Price |  |  |
| Accrued Interest | $9,865,000.00$ |  |

BOND DEBT SERVICE
County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Period <br> Ending | Principal | Coupon | Interest | Debt Service |
| :---: | ---: | ---: | ---: | ---: |
| $03 / 01 / 2015$ | $1,015,000$ | $2.460 \%$ | $77,522.46$ | $1,092,522.46$ |
| $03 / 01 / 2016$ | 890,000 | $2.460 \%$ | $217,710.00$ | $1,107,710.00$ |
| $03 / 01 / 2017$ | 910,000 | $2.460 \%$ | $195,816.00$ | $1,105,816.00$ |
| $03 / 01 / 2018$ | 935,000 | $2.460 \%$ | $173,430.00$ | $1,108,430.00$ |
| $03 / 01 / 2019$ | 960,000 | $2.460 \%$ | $150,429.00$ | $1,110,429.00$ |
| $03 / 01 / 2020$ | 985,000 | $2.460 \%$ | $126,813.00$ | $1,111,813.00$ |
| $03 / 01 / 2021$ | $1,005,000$ | $2.460 \%$ | $102,582.00$ | $1,107,582.00$ |
| $03 / 01 / 2022$ | $1,030,000$ | $2.460 \%$ | $77,859.00$ | $1,107,859.00$ |
| $03 / 01 / 2023$ | $1,055,000$ | $2.460 \%$ | $52,521.00$ | $1,107,521.00$ |
| $03 / 01 / 2024$ | $1,080,000$ | $2.460 \%$ | $26,568.00$ | $1,106,568.00$ |
|  | $9,865,000$ |  | $1,201,250.46$ | $11,066,250.46$ |

PRIOR BOND DEBT SERVICE
County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Period <br> Ending | Principal | Coupon | Interest | Debt Service |
| :---: | ---: | ---: | ---: | ---: |
| $03 / 01 / 2015$ | 995,000 | $4.000 \%$ | $151,171.89$ | $1,146,171.89$ |
| $03 / 01 / 2016$ | 835,000 | $4.000 \%$ | $433,433.76$ | $1,268,433.76$ |
| $03 / 01 / 2017$ | 865,000 | $4.000 \%$ | $400,033.76$ | $1,265,033.76$ |
| $03 / 01 / 2018$ | 900,000 | $4.125 \%$ | $365,433.76$ | $1,265,433.76$ |
| $03 / 01 / 2019$ | 940,000 | $4.250 \%$ | $328,308.76$ | $1,268,308.76$ |
| $03 / 01 / 2020$ | 980,000 | $4.250 \%$ | $288,358.76$ | $1,268,358.76$ |
| $03 / 01 / 2021$ | $1,020,000$ | $4.375 \%$ | $246,708.76$ | $1,266,708.76$ |
| $03 / 01 / 2022$ | $1,065,000$ | $4.375 \%$ | $202,083.76$ | $1,267,083.76$ |
| $03 / 01 / 2023$ | $1,110,000$ | $4.400 \%$ | $155,490.00$ | $1,265,490.00$ |
| $03 / 01 / 2024$ | $1,160,000$ | $4.500 \%$ | $106,650.00$ | $1,266,650.00$ |
| $03 / 01 / 2025$ | $1,210,000$ | $4.500 \%$ | $54,450.00$ | $1,264,450.00$ |
|  | $11,080,000$ |  | $2,732,123.21$ | $13,812,123.21$ |

## ESCROW REQUIREMENTS

County of Santa Barbara
Refunding of 2005 COPs
Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Period <br> Ending | Principal | Interest | Principal <br> Redeemed | Total |
| :---: | ---: | ---: | ---: | ---: |
| $03 / 01 / 2015$ | $995,000.00$ | $151,171.89$ | $10,085,000.00$ | $11,231,171.89$ |
|  | $995,000.00$ | $151,171.89$ | $10,085,000.00$ | $11,231,171.89$ |

## ESCROW STATISTICS

County of Santa Barbara Refunding of 2005 COPs

Direct Purchase
(Net-to-Net Savings)
As of November 14, 2014

| Total <br> Escrow Cost | Modified <br> Duration <br> (years) | Yield to <br> Receipt <br> Date | Yield to <br> Disbursement <br> Date | Perfect <br> Escrow <br> Cost | Value of <br> Negative <br> Arbitrage | Cost of <br> Dead Time |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Global Proceeds Escrow: <br> $11,230,818.04$ | 0.319 | $0.009863 \%$ | $0.009863 \%$ | $11,143,780.32$ | $87,037.72$ |  |
| $11,230,818.04$ |  |  |  | $11,143,780.32$ | $87,037.72$ | 0.00 |


| Delivery date | $11 / 06 / 2014$ |
| :--- | :--- |
| Arbitrage yield | $2.460379 \%$ |

