# Kentucky Home Trust Building, 450 South Third Street, Louisville, Kentucky 40202-1410 Telephone (502) 569.7525 Telefax (502) 569-7555 www.rubinhays.com 

Mr. Jeff Derouen

Executive Director
Kentucky Public Service Commission
P.O. Box 615

Frankfort, Kentucky 40602
Re: Hyden-Leslie County Water District PSC Case No. 2012-00316
Dear Mr. Derouen:
In accordance with paragraphs No. 2 and 3 of the PSC Order dated August 7, 2012 relating to the above case, enclosed please find the final refunding schedules which include the actual gross and net present value savings and the final loan debt service, including the final principal amount and the interest rates. The Kentucky Rural Water Finance Corporation loan to the District was dated August 29, 2012.

Thank you for your assistance and if you need any additional information or documentation, please let us know.

WRJ:jlm
Sincerely,
Rubin \& Hays

Enclosures

\$595,000
Hyden-Leslie County Water District
Kentucky Rural Water Finance Corporation
Public Projects Refunding Bonds, Series 2012 E

## Sources \& Uses

## Dated 08/29/2012 | Delivered 08/29/2012

| Par Amount of Bonds | \$595,000.00 |
| :---: | :---: |
| Reoffering Premium | 13,695.95 |
| Transfers from Prior Issue Debt Service Funds | 8,825.00 |
| Total Sources | \$617,520.95 |
| Uses Of Funds |  |
| Total Underwriter's Discount (1.677\%) | 9,975.49 |
| Costs of Issuance | 16,425.00 |
| Deposit to Current Refunding Fund | 586,156.09 |
| Rounding Amount | 4,963.37 |
| Total Uses | \$617,519.95 |

\$595,000
Hyden-Leslie County Water District
Kentucky Rural Water Finance Corporation
Public Projects Refunding Bonds, Series 2012 E

## Debt Service Comparison

| Date | Total P+1 | Expenses | Net New D/S | Old Net D/S | Savings |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 12/30/2012 | - | - | - | 14,475.00 | 14,475.00 |
| 12/30/2013 | 45,841.47 | 350.00 | 46,191.47 | 52,350.00 | 6,158.53 |
| 12/30/2014 | 46,517.50 | 350.00 | 46,867.50 | 53,100.00 | 6,232.50 |
| 12/30/20.15 | 45,857.50 | 350.00 | 46,207.50 | 52,775.00 | 6,567.50 |
| 12/30/2016 | 50,197.50 | 350.00 | 50,547.50 | 52,400.00 | 1,852.50 |
| 12/30/2017 | 49,427.50 | 350.00 | 49,777.50 | 52,950.00 | 3,172.50 |
| 12/30/2018 | 48,657.50 | 350.00 | 49,007.50 | 52,425.00 | 3,417.50 |
| 12/30/2019 | 47,800.00 | 350.00 | 48,150.00 | 52,825.00 | 4,675.00 |
| 12/30/2020 | 46,680.00 | 350.00 | 47,030.00 | 52,150.00 | 5,120.00 |
| 12/30/2021 | 45,560.00 | 350.00 | 45,910.00 | 52,400.00 | 6,490.00 |
| 12/30/2022 | 49,440.00 | 350.00 | 49,790.00 | 52,550.00 | 2,760.00 |
| 12/30/2023 | 48,160.00 | 350.00 | 48,510.00 | 52,600.00 | 4,090.00 |
| 12/30/2024 | 46,880.00 | 350.00 | 47,230.00 | 52,550,00 | 5,320.00 |
| 12/30/2025 | 45,600.00 | 350.00 | 45,950.00 | 52,400.00 | 6,450.00 |
| 12/30/2026 | 49,320.00 | 350.00 | 49,670.00 | 52,150.00 | 2,480.00 |
| 12/30/2027 | 47,880.00 | 350.00 | 48,230.00 | 52,775.00 | 4,545.00 |
| 12/30/2028 | 46,440.00 | 350.00 | 46,790.00 | 52,275.00 | 5,485.00 |
| Total | \$760,258.97 | \$5,600.00 | \$765,858.97 | \$855,150.00 | \$89,291.03 |

## PV Analysis Summary (Net to Net)

| Net FV Cashflow Savings | $89,291.03$ |
| :--- | ---: |
| Gross PV Debt Service Savings | $77,546.49$ |
| Effects of changes in Expenses | $(4,396.21)$ |
|  |  |
| Net PV Cashflow Savings @ $3.217 \%(B o n d$ Yield) | $73,150.28$ |
|  | $(8,825.00)$ |
| Transfers from Prior Issue Debt Service Fund | $4,963.37$ |
| Contingency or Rounding Amount | $\$ 85,429.40$ |
| Net Future Value Benefit | $\$ 69,288.65$ |
| Net Present Value Benefit | $11.937 \%$ |
| Net PV Benefit $/ \$ 595,000$ Refunding Principal | $11.616 \%$ |
| Refunding Bond Information |  |
|  | $8 / 29 / 2012$ |
| Refunding Dated Date | $8 / 29 / 2012$ |

Hyden-Leslie County Water District
Kentucky Rural Water Finance Corporation
Public Projects Refunding Bonds, Series 2012 E
Debt Service Schedule

| Date | Principal | Coupon | Interest | Total P+1 | Fiscal Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 08/29/2012 | - | - | - | - | - |
| 02/01/2013 | - | - | 7,252.72 | 7,252.72 | - |
| 08/01/2013 | 30,000.00 | 2.200\% | 8,588.75 | 38,588.75 | - |
| 12/30/2013 | * | - | - | * | 45,841.47 |
| 02/01/2014 | - | - | 8,258.75 | 8,258.75 | - |
| 08/01/2014 | 30,000.00 | 2.200\% | 8,258.75 | 38,258.75 | - |
| 12/30/2014 | - | - | - | - | 46,517.50 |
| 02/01/2015 | - | - | 7,928.75 | 7,928.75 | - |
| 08/01/2015 | 30,000 00 | 2.200\% | 7,928.75 | 37,928.75 | - |
| 12/30/2015 | . | - | - | - | 45,857.50 |
| 02/01/2016 | - | - | 7,598.75 | 7,598.75 |  |
| 08/01/2016 | 35,000.00 | 2.200\% | 7,598.75 | 42,598.75 | - |
| 12/30/2016 | - | - | - | - | 50,197.50 |
| 02/01/2017 | - | - | 7,213.75 | 7,213.75 | - |
| 08/01/2017 | 35,000.00 | 2.200\% | 7,213.75 | 42,213.75 | - |
| 12/30/2017 | - | - | - | - | 49,427.50 |
| 02/01/2018 | - | - | 6,828.75 | 6,828.75 | . |
| 08/01/2018 | 35,000.00 | 2.450\% | 6,828.75 | 41,828.75 | - |
| 12/30/2018 | - | - | - | - | 48,657.50 |
| 02/01/2019 | * | - | 6,400.00 | 6,400.00 | - |
| 08/01/2019 | 35,000.00 | 3.200\% | 6,400.00 | 41,400.00 | - |
| 12/30/2019 | - | - | - | . | 47,800.00 |
| 02/01/2020 | - | - | 5,840.00 | 5,840,00 | - |
| 08/01/2020 | 35,000.00 | 3.200\% | 5,840.00 | 40,840.00 | - |
| 12/30/2020 | - | - | - | - | 46,680.00 |
| 02/01/2021 | - | - | 5,280.00 | 5,280.00 | - |
| 08/01/2021 | 35,000.00 | 3.200\% | 5,280.00 | 40,280.00 | - |
| 12/30/2021 | - | - | - | - | 45,560.00 |
| 02/01/2022 | - | - | 4,720.00 | 4,720.00 | - |
| 08/01/2022 | 40,000.00 | 3.200\% | 4,720.00 | 44,720.00 | - |
| 12/30/2022 | - | - | - | - | 49,440.00 |
| 02/01/2023 | - | - | 4,080.00 | 4,080.00 | - |
| 08/01/2023 | 40,000,00 | 3.200\% | 4,080.00 | 44,080,00 | - |
| 12/30/2023 | - | - | - | - | 48,160.00 |
| 02/01/2024 | - | - | 3,440.00 | 3,440,00 | - |
| 08/01/2024 | 40,000.00 | 3.200\% | 3,440.00 | 43,440.00 | - |
| 12/30/2024 | - | - | - | - | 46,880, 00 |
| 02/01/2025 | - | - | 2,800.00 | 2,800.00 | - |
| 08/01/2025 | 40,000,00 | 3.200\% | 2,800.00 | 42,800.00 | - |
| 12/30/2025 | - | - | - | - | 45,600.00 |
| 02/01/2026 | - | - | 2,160.00 | 2,160.00 | - |
| 08/01/2026 | 45,000 00 | 3.200\% | 2,160.00 | 47,160.00 | - |
| 12/30/2026 | - | - | - | * | 49,320,00 |
| 02/01/2027 | - | - | 1,440.00 | 1,440.00 | - |
| 08/01/2027 | 45,000.00 | 3.200\% | 1,440.00 | 46,440.00 | - |
| 12/30/2027 | - | - | - | - | 47,880.00 |
| 02/01/2028 | - | - | 720.00 | 72000 | - |
| 08/01/2028 | 45,000,00 | 3.200\% | 720.00 | 45,720.00 | - |
| 12/30/2028 | - | - | - | - | 46,440 00 |
| Total | \$595,000.00 | - | \$165,258.97 | \$760,258.97 | - |


| Bond Year Dollars | \$5,363.72 |
| :---: | :---: |
| Average Life | 9.015 Years |
| Average Coupon | 3.0810501\% |
| Net Interest Cost (NIC) | 3.0133721\% |
| True Interest Cost (TIC) | 2.9885788\% |
| Bond Yield for Arbitrage Purposes | 3.2168739\% |
| All inclusive Cost (AIC) | 3.4543757\% |
| IRS Form 8038 |  |
| Net Interest Cost | 2.7803448\% |
| Weighted Average Maturity | 8.962 Years |
| 8/9/2012 \| 5:50 PM |  |

