



**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 11/30/2022**

| Security ID                              | Investment # | Issuer                         | Par Value            | Book Value           | Market Value         | Reported Value       | Moody's S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|------------------------------------------|--------------|--------------------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------|---------------|------------------|---------------|-------------------|
| <b>Certificates of Deposit - Bank</b>    |              |                                |                      |                      |                      |                      |             |                |               |                  |               |                   |
| 501026603-2                              | 127322       | Huron Valley State Bank        | 1,021,095.25         | 1,021,095.25         | 1,021,095.25         | 1,021,095.25         |             | 0.07           | 0.200         | 12               | 12/13/2022    | 0.032 †           |
| 196263                                   | 127271       | Horizon Bank                   | 7,000,000.00         | 7,000,000.00         | 7,000,000.00         | 7,000,000.00         |             | 0.45           | 0.200         | 15               | 12/16/2022    | 0.041 †           |
| 12218038                                 | 127110       | Superior National Bank         | 6,380,566.85         | 6,380,566.85         | 6,380,566.85         | 6,380,566.85         |             | 0.41           | 0.550         | 22               | 12/23/2022    | 0.060 †           |
| 828103                                   | 127293       | Waterford Bank, N.A.           | 1,095,669.76         | 1,095,669.76         | 1,095,669.76         | 1,095,669.76         |             | 0.07           | 0.150         | 144              | 04/24/2023    | 0.394 †           |
| 828111                                   | 127295       | Waterford Bank, N.A.           | 2,159,167.44         | 2,159,167.44         | 2,159,167.44         | 2,159,167.44         |             | 0.14           | 0.150         | 148              | 04/28/2023    | 0.405 †           |
| 826693-2                                 | 127363       | Waterford Bank, N.A.           | 10,070,212.23        | 10,070,212.23        | 10,070,212.23        | 10,070,212.23        |             | 0.65           | 2.800         | 224              | 07/13/2023    | 0.613 †           |
| 2272S0043-2                              | 127366       | Michigan First Credit Union    | 10,256,473.78        | 10,256,473.78        | 10,256,473.78        | 10,256,473.78        |             | 0.66           | 2.800         | 225              | 07/14/2023    | 0.616 †           |
| 012220653-2                              | 127375       | Superior National Bank         | 10,140,979.25        | 10,140,979.25        | 10,140,979.25        | 10,140,979.25        |             | 0.65           | 3.250         | 262              | 08/20/2023    | 0.717 †           |
| 12213112-7                               | 127384       | Superior National Bank         | 11,112,377.16        | 11,112,377.16        | 11,112,377.16        | 11,112,377.16        |             | 0.72           | 3.250         | 274              | 09/01/2023    | 0.750 †           |
| 19779                                    | 127388       | Horizon Bank                   | 15,014,794.38        | 15,014,794.38        | 15,014,794.38        | 15,014,794.38        |             | 0.97           | 3.290         | 284              | 09/11/2023    | 0.778 †           |
| 830380                                   | 127412       | Waterford Bank, N.A.           | 5,040,065.16         | 5,040,065.16         | 5,040,065.16         | 5,040,065.16         |             | 0.33           | 4.000         | 302              | 09/29/2023    | 0.827 †           |
| 2272S0057-1                              | 127416       | Michigan First Credit Union    | 10,111,939.05        | 10,111,939.05        | 10,111,939.05        | 10,111,939.05        |             | 0.65           | 4.270         | 302              | 09/29/2023    | 0.827 †           |
| 50-402                                   | 127413       | Diversified Members Credit Uni | 10,181,356.66        | 10,181,356.66        | 10,181,356.66        | 10,181,356.66        |             | 0.66           | 4.270         | 302              | 09/29/2023    | 0.827 †           |
| <b>Subtotal</b>                          |              |                                | <b>99,584,696.97</b> | <b>99,584,696.97</b> | <b>99,584,696.97</b> | <b>99,584,696.97</b> |             | <b>6.43</b>    | <b>2.890</b>  | <b>230</b>       |               | <b>0.629 †</b>    |
| <b>Governmental Investment Pool</b>      |              |                                |                      |                      |                      |                      |             |                |               |                  |               |                   |
| MI 01 0047 0003                          | 111745       | MI Class                       | 501,242.98           | 501,242.98           | 501,242.98           | 501,242.98           |             | 0.03           | 3.950         | 1                |               | 0.000             |
| <b>Subtotal</b>                          |              |                                | <b>501,242.98</b>    | <b>501,242.98</b>    | <b>501,242.98</b>    | <b>501,242.98</b>    |             | <b>0.03</b>    | <b>3.950</b>  | <b>1</b>         |               | <b>0.000</b>      |
| <b>Negotiable CDs</b>                    |              |                                |                      |                      |                      |                      |             |                |               |                  |               |                   |
| 32110YVG7                                | 127339       | First Natl Bk of America       | 5,000,000.00         | 4,995,000.00         | 4,770,950.50         | 4,995,000.00         | P-1 A-1     | 0.32           | 4.839         | 417              | 01/22/2024    | 1.132             |
| <b>Subtotal</b>                          |              |                                | <b>5,000,000.00</b>  | <b>4,995,000.00</b>  | <b>4,770,950.50</b>  | <b>4,995,000.00</b>  |             | <b>0.32</b>    | <b>4.839</b>  | <b>417</b>       |               | <b>1.132</b>      |
| <b>Amortizing Commercial Paper Disc.</b> |              |                                |                      |                      |                      |                      |             |                |               |                  |               |                   |
| 2284K1MF7                                | 127395       | Crown Point Capita;            | 15,000,000.00        | 14,864,258.25        | 14,925,750.00        | 14,864,258.25        | P-1 A-1     | 0.96           | 12.792        | 14               | 12/15/2022    | 0.038             |
| <b>Subtotal</b>                          |              |                                | <b>15,000,000.00</b> | <b>14,864,258.25</b> | <b>14,925,750.00</b> | <b>14,864,258.25</b> |             | <b>0.96</b>    | <b>12.792</b> | <b>14</b>        |               | <b>0.038</b>      |

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|---------------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |               |               |               |                |         |     |                |               |                  |               |                   |
| 313381BR5                             | 126943       | Federal Home Loan Bank   | 5,000,000.00  | 5,031,504.85  | 4,997,642.50  | 4,997,642.50   |         |     | 0.32           | 1.970         | 8                | 12/09/2022    | 0.021             |
| 3130ASEV7                             | 127357       | Federal Home Loan Bank   | 20,000,000.00 | 20,000,000.00 | 19,964,258.00 | 20,000,000.00  | Aaa     | AAA | 1.29           | 2.211         | 28               | 12/29/2022    | 0.076             |
| 3133ENKR0                             | 127329       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,948,876.00  | 9,948,876.00   | Aaa     | AAA | 0.64           | 1.450         | 41               | 01/11/2023    | 0.112             |
| 3133ENLB4                             | 127335       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,944,265.00  | 9,944,265.00   |         |     | 0.64           | 1.584         | 48               | 01/18/2023    | 0.131             |
| 3137EAEQ8                             | 127341       | Freddie Mac Coupon       | 5,000,000.00  | 4,948,989.27  | 4,918,362.00  | 4,918,362.00   |         |     | 0.32           | 3.701         | 140              | 04/20/2023    | 0.383             |
| 3137EAEQ8                             | 127340       | Freddie Mac Coupon       | 5,420,000.00  | 5,364,704.37  | 5,331,504.41  | 5,331,504.41   |         |     | 0.34           | 3.701         | 140              | 04/20/2023    | 0.383             |
| 31422XQE5                             | 127317       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,899,055.00  | 4,899,055.00   |         |     | 0.32           | 4.539         | 172              | 05/22/2023    | 0.471             |
| 3137EAES4                             | 127360       | Freddie Mac Coupon       | 7,000,000.00  | 6,830,180.00  | 6,827,807.70  | 6,830,180.00   | Aaa     | AA  | 0.44           | 4.678         | 207              | 06/26/2023    | 0.555             |
| 31422BD80                             | 127406       | Farmer Mac Coupon        | 5,000,000.00  | 4,860,000.00  | 4,867,744.50  | 4,860,000.00   | Aaa     | AAA | 0.31           | 4.974         | 214              | 07/03/2023    | 0.573             |
| 3135G05G4                             | 127362       | Fannie Mae               | 4,961,000.00  | 4,829,533.50  | 4,828,070.01  | 4,828,070.01   | Aaa     | AAA | 0.31           | 4.772         | 221              | 07/10/2023    | 0.593             |
| 3130ASNY1                             | 127369       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,879,256.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 5.153         | 238              | 07/27/2023    | 0.631             |
| 3130ASFU8                             | 127354       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,844,526.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 5.158         | 239              | 07/28/2023    | 0.633             |
| 31422XUX8                             | 127345       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,785,107.00  | 9,785,107.00   |         |     | 0.63           | 4.736         | 239              | 07/28/2023    | 0.640             |
| 3135G05T6                             | 127198       | Fannie Mae               | 9,435,000.00  | 9,462,927.60  | 9,133,850.84  | 9,133,850.84   |         |     | 0.59           | 4.957         | 260              | 08/18/2023    | 0.695             |
| 3135G05U3                             | 127282       | Fannie Mae               | 7,750,000.00  | 7,746,590.00  | 7,502,633.18  | 7,502,633.18   |         |     | 0.48           | 4.957         | 260              | 08/18/2023    | 0.695             |
| 3133EEG79                             | 127342       | Federal Farm Credit Bank | 4,000,000.00  | 4,046,000.00  | 3,918,980.00  | 3,918,980.00   |         |     | 0.25           | 4.878         | 280              | 09/07/2023    | 0.743             |
| 3137EAEW5                             | 127306       | Freddie Mac Coupon       | 3,913,000.00  | 3,904,587.05  | 3,777,677.50  | 3,777,677.50   |         |     | 0.24           | 4.885         | 281              | 09/08/2023    | 0.750             |
| 3135G0U43                             | 127361       | Fannie Mae               | 6,768,000.00  | 6,757,848.00  | 6,667,169.66  | 6,757,848.00   | Aaa     | AAA | 0.44           | 4.848         | 285              | 09/12/2023    | 0.755             |
| 3133EMAM4                             | 127277       | Federal Farm Credit Bank | 5,000,000.00  | 4,995,050.00  | 4,809,323.00  | 4,809,323.00   |         |     | 0.31           | 5.144         | 294              | 09/21/2023    | 0.784             |
| 3130ASFT1                             | 127355       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,818,725.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 5.178         | 301              | 09/28/2023    | 0.790             |
| 3130ATD38                             | 127411       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,970,670.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 4.372         | 301              | 09/28/2023    | 0.798             |
| 3133ENAU4                             | 127278       | Federal Farm Credit Bank | 10,000,000.00 | 9,994,000.00  | 9,595,661.00  | 9,595,661.00   |         |     | 0.62           | 5.115         | 315              | 10/12/2023    | 0.841             |
| 3137EAEY1                             | 127311       | Freddie Mac Coupon       | 5,000,000.00  | 4,965,900.00  | 4,799,148.00  | 4,799,148.00   |         |     | 0.31           | 4.870         | 319              | 10/16/2023    | 0.853             |
| 3133ENN63                             | 127404       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,931,785.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 4.934         | 320              | 10/17/2023    | 0.846             |
| 3133ENBN9                             | 127288       | Federal Farm Credit Bank | 15,000,000.00 | 14,988,000.00 | 14,388,873.00 | 14,388,873.00  |         |     | 0.93           | 5.101         | 323              | 10/20/2023    | 0.863             |
| 3136G46A6                             | 127091       | Fannie Mae               | 10,000,000.00 | 10,000,000.00 | 9,575,840.00  | 9,575,840.00   |         |     | 0.62           | 5.155         | 330              | 10/27/2023    | 0.881             |
| 3133EMFB3                             | 127096       | Federal Farm Credit Bank | 5,000,000.00  | 4,997,500.00  | 4,794,723.00  | 4,794,723.00   |         |     | 0.31           | 4.912         | 336              | 11/02/2023    | 0.896             |
| 3134GW6E1                             | 127095       | Freddie Mac Coupon       | 10,000,000.00 | 10,000,000.00 | 9,588,453.00  | 9,588,453.00   | Aaa     | AA  | 0.62           | 4.954         | 336              | 11/02/2023    | 0.896             |
| 3134GW6E1                             | 127408       | Freddie Mac Coupon       | 7,000,000.00  | 6,709,500.00  | 6,711,917.10  | 6,711,917.10   | Aaa     | AA  | 0.43           | 4.954         | 336              | 11/02/2023    | 0.896             |
| 31422XPP1                             | 127304       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,797,625.00  | 4,797,625.00   |         |     | 0.31           | 5.113         | 336              | 11/02/2023    | 0.895             |
| 31422XPP1                             | 127302       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,595,250.00  | 9,595,250.00   |         |     | 0.62           | 5.113         | 336              | 11/02/2023    | 0.895             |
| 31422B2K5                             | 127097       | Farmer Mac Coupon        | 4,000,000.00  | 4,000,000.00  | 3,828,010.00  | 3,828,010.00   |         |     | 0.25           | 5.110         | 340              | 11/06/2023    | 0.906             |
| 3133ENDR8                             | 127312       | Federal Farm Credit Bank | 5,000,000.00  | 4,991,000.00  | 4,794,879.50  | 4,794,879.50   |         |     | 0.31           | 4.925         | 343              | 11/09/2023    | 0.914             |
| 3134GXAY0                             | 127098       | Freddie Mac Coupon       | 5,000,000.00  | 5,000,000.00  | 4,785,677.50  | 4,785,677.50   | Aaa     | AA  | 0.31           | 4.976         | 347              | 11/13/2023    | 0.926             |

Portfolio OAK  
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|---------------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |               |               |               |                |         |     |                |               |                  |               |                   |
| 31422B3E8                             | 127101       | Farmer Mac Coupon        | 2,350,000.00  | 2,348,825.00  | 2,244,918.81  | 2,244,918.81   |         |     | 0.15           | 5.096         | 354              | 11/20/2023    | 0.944             |
| 31422B3E8                             | 127236       | Farmer Mac Coupon        | 4,000,000.00  | 4,000,000.00  | 3,821,138.40  | 3,821,138.40   |         |     | 0.25           | 5.096         | 354              | 11/20/2023    | 0.944             |
| 3134GXCA0                             | 127102       | Freddie Mac Coupon       | 5,000,000.00  | 5,000,000.00  | 4,777,872.00  | 4,777,872.00   |         |     | 0.31           | 5.020         | 358              | 11/24/2023    | 0.955             |
| 31422XQD7                             | 127320       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,792,178.00  | 4,792,178.00   | Aaa     | AAA | 0.31           | 4.914         | 363              | 11/29/2023    | 0.968             |
| 3137EAFA2                             | 127305       | Freddie Mac Coupon       | 4,025,000.00  | 4,009,906.25  | 3,843,375.10  | 3,843,375.10   |         |     | 0.25           | 4.891         | 368              | 12/04/2023    | 0.982             |
| 3130ASFS3                             | 127356       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,787,329.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 5.111         | 392              | 12/28/2023    | 1.026             |
| 31422XJA1                             | 127206       | Farmer Mac Coupon        | 6,000,000.00  | 6,000,000.00  | 5,714,840.40  | 5,714,840.40   | Aaa     | AAA | 0.37           | 4.876         | 397              | 01/02/2024    | 1.057             |
| 3130AM3C4                             | 127168       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,474,578.00  | 9,474,578.00   |         |     | 0.61           | 5.067         | 424              | 01/29/2024    | 1.129             |
| 3133ENNE6                             | 127343       | Federal Farm Credit Bank | 5,000,000.00  | 4,965,000.00  | 4,785,378.00  | 4,785,378.00   |         |     | 0.31           | 4.995         | 435              | 02/09/2024    | 1.150             |
| 3133EMSD5                             | 127126       | Federal Farm Credit Bank | 10,000,000.00 | 9,990,000.00  | 9,434,271.00  | 9,434,271.00   |         |     | 0.61           | 4.974         | 456              | 03/01/2024    | 1.218             |
| 31422XCD2                             | 127131       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,444,921.00  | 9,444,921.00   |         |     | 0.61           | 4.966         | 463              | 03/08/2024    | 1.235             |
| 3130ALJ70                             | 127134       | Federal Home Loan Bank   | 20,000,000.00 | 20,000,000.00 | 18,869,394.00 | 18,869,394.00  |         |     | 1.22           | 5.013         | 467              | 03/12/2024    | 1.246             |
| 3133EMTD4                             | 127135       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,719,618.50  | 4,719,618.50   |         |     | 0.31           | 4.914         | 470              | 03/15/2024    | 1.255             |
| 3130ALKS2                             | 127136       | Federal Home Loan Bank   | 10,000,000.00 | 9,990,000.00  | 9,450,661.00  | 9,450,661.00   |         |     | 0.61           | 4.823         | 470              | 03/15/2024    | 1.255             |
| 31422XUA8                             | 127344       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,775,019.00  | 4,775,019.00   |         |     | 0.31           | 4.945         | 477              | 03/22/2024    | 1.265             |
| 3130ALLM4                             | 127144       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,706,403.50  | 4,706,403.50   |         |     | 0.30           | 4.985         | 483              | 03/28/2024    | 1.290             |
| 3130ALU77                             | 127147       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,412,807.00  | 9,412,807.00   |         |     | 0.61           | 4.985         | 483              | 03/28/2024    | 1.290             |
| 3134GXYZ1                             | 127423       | Freddie Mac Coupon       | 10,000,000.00 | 10,000,000.00 | 9,983,375.00  | 10,000,000.00  | Aaa     | AA  | 0.65           | 3.129         | 483              | 03/28/2024    | 1.286             |
| 3134GXYZ1                             | 127415       | Freddie Mac Coupon       | 10,000,000.00 | 10,000,000.00 | 9,983,375.00  | 10,000,000.00  | Aaa     | AA  | 0.65           | 3.129         | 483              | 03/28/2024    | 1.286             |
| 31422XNR9                             | 127274       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,721,845.50  | 4,721,845.50   |         |     | 0.31           | 4.770         | 490              | 04/04/2024    | 1.307             |
| 3130ALTJ3                             | 127154       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,403,768.00  | 9,403,768.00   |         |     | 0.61           | 4.988         | 494              | 04/08/2024    | 1.316             |
| 3130ALTJ3                             | 127155       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,403,768.00  | 9,403,768.00   |         |     | 0.61           | 4.988         | 494              | 04/08/2024    | 1.316             |
| 3130ALRH9                             | 127156       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,402,859.00  | 9,402,859.00   |         |     | 0.61           | 4.983         | 498              | 04/12/2024    | 1.327             |
| 3130ALWE0                             | 127157       | Federal Home Loan Bank   | 15,000,000.00 | 15,000,000.00 | 14,100,166.50 | 14,100,166.50  |         |     | 0.91           | 4.977         | 501              | 04/15/2024    | 1.336             |
| 3133EMXB3                             | 127166       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,391,493.00  | 9,391,493.00   | Aaa     | AA  | 0.61           | 4.918         | 508              | 04/22/2024    | 1.356             |
| 3130ALXB5                             | 127165       | Federal Home Loan Bank   | 15,000,000.00 | 15,000,000.00 | 14,099,376.00 | 14,099,376.00  | Aaa     | AA  | 0.91           | 4.969         | 508              | 04/22/2024    | 1.354             |
| 3130AM5Q1                             | 127170       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,397,259.00  | 9,397,259.00   | Aaa     | AA  | 0.61           | 4.914         | 515              | 04/29/2024    | 1.373             |
| 3130ALXQ2                             | 127167       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,399,241.00  | 9,399,241.00   | Aaa     | AA  | 0.61           | 4.961         | 515              | 04/29/2024    | 1.373             |
| 3130AM3D2                             | 127169       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,385,763.00  | 9,385,763.00   |         |     | 0.61           | 4.961         | 515              | 04/29/2024    | 1.374             |
| 3133ENCV0                             | 127303       | Federal Farm Credit Bank | 10,000,000.00 | 9,995,000.00  | 9,426,389.00  | 9,426,389.00   | Aaa     | AA  | 0.61           | 4.903         | 518              | 05/02/2024    | 1.380             |
| 31422XEG3                             | 127175       | Farmer Mac Coupon        | 6,000,000.00  | 6,000,000.00  | 5,646,186.00  | 5,646,186.00   | Aaa     | AA  | 0.36           | 4.737         | 519              | 05/03/2024    | 1.386             |
| 3133EMYR7                             | 127178       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,382,610.00  | 9,382,610.00   | Aaa     | AA  | 0.61           | 4.896         | 522              | 05/06/2024    | 1.393             |
| 3130AM5C2                             | 127177       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,382,053.00  | 9,382,053.00   | Aaa     | AA  | 0.61           | 4.948         | 522              | 05/06/2024    | 1.393             |
| 31422XGD8                             | 127180       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,380,982.00  | 9,380,982.00   | Aaa     | AAA | 0.61           | 4.895         | 523              | 05/07/2024    | 1.396             |

Portfolio OAK  
CP

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 11/30/2022**

| Security ID                           | Investment # | Issuer                   | Par Value     | Book Value    | Market Value  | Reported Value | Moody's | S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |               |               |               |                |         |     |                |               |                  |               |                   |
| 31422XPQ9                             | 127307       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,449,376.00  | 9,449,376.00   | Aaa     | AA  | 0.61           | 4.731         | 524              | 05/08/2024    | 1.397             |
| 3130AM6N7                             | 127181       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,372,087.00  | 9,372,087.00   | Aaa     | AA  | 0.61           | 4.941         | 526              | 05/10/2024    | 1.403             |
| 3130AMBZ4                             | 127183       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,366,718.00  | 9,366,718.00   | Aaa     | AA  | 0.60           | 4.936         | 533              | 05/17/2024    | 1.423             |
| 3130AMBW1                             | 127186       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,367,906.00  | 9,367,906.00   | Aaa     | AA  | 0.60           | 4.932         | 536              | 05/20/2024    | 1.431             |
| 3130AMDM1                             | 127187       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,365,329.00  | 9,365,329.00   | Aaa     | AA  | 0.60           | 4.928         | 540              | 05/24/2024    | 1.441             |
| 31422XGP1                             | 127188       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,690,611.00  | 4,690,611.00   | Aaa     | AA  | 0.30           | 4.710         | 542              | 05/26/2024    | 1.449             |
| 31422XQC9                             | 127321       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,719,820.00  | 4,719,820.00   | Aaa     | AA  | 0.31           | 4.707         | 545              | 05/29/2024    | 1.454             |
| 31422XPY2                             | 127405       | Farmer Mac Coupon        | 5,000,000.00  | 4,725,000.00  | 4,708,862.50  | 4,725,000.00   | Aaa     | AAA | 0.31           | 4.701         | 550              | 06/03/2024    | 1.461             |
| 3130AMQR6                             | 127193       | Federal Home Loan Bank   | 7,555,000.00  | 7,555,000.00  | 7,056,459.90  | 7,056,459.90   | Aaa     | AA  | 0.46           | 4.918         | 554              | 06/07/2024    | 1.475             |
| 3130AMJ52                             | 127197       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,672,183.00  | 4,672,183.00   | Aaa     | AA  | 0.30           | 4.915         | 557              | 06/10/2024    | 1.482             |
| 3130AMND0                             | 127200       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,672,464.00  | 4,672,464.00   | Aaa     | AA  | 0.30           | 4.885         | 564              | 06/17/2024    | 1.500             |
| 31422XJB9                             | 127201       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,686,696.50  | 4,686,696.50   | Aaa     | AA  | 0.30           | 4.673         | 575              | 06/28/2024    | 1.531             |
| 31422XHZ8                             | 127202       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,671,240.00  | 4,671,240.00   | Aaa     | AA  | 0.30           | 4.836         | 575              | 06/28/2024    | 1.530             |
| 3133ELQ56                             | 127310       | Federal Farm Credit Bank | 10,000,000.00 | 9,984,000.00  | 9,356,311.00  | 9,356,311.00   | Aaa     | AA  | 0.60           | 4.835         | 579              | 07/02/2024    | 1.540             |
| 3133EMT51                             | 127214       | Federal Farm Credit Bank | 10,000,000.00 | 9,990,000.00  | 9,311,506.00  | 9,311,506.00   | Aaa     | AA  | 0.60           | 4.856         | 596              | 07/19/2024    | 1.587             |
| 3133EMT51                             | 127237       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,655,753.00  | 4,655,753.00   | Aaa     | AA  | 0.30           | 4.856         | 596              | 07/19/2024    | 1.587             |
| 3133EMV25                             | 127220       | Federal Farm Credit Bank | 5,000,000.00  | 5,011,000.00  | 4,667,059.50  | 4,667,059.50   | Aaa     | AA  | 0.30           | 4.706         | 600              | 07/23/2024    | 1.599             |
| 3134GXD68                             | 127368       | Freddie Mac Coupon       | 5,000,000.00  | 5,000,000.00  | 4,952,983.50  | 5,000,000.00   | Aaa     | AA  | 0.32           | 4.600         | 603              | 07/26/2024    | 1.558             |
| 3133EM2U5                             | 127234       | Federal Farm Credit Bank | 5,794,000.00  | 5,794,000.00  | 5,385,961.03  | 5,385,961.03   | Aaa     | AA  | 0.35           | 4.782         | 627              | 08/19/2024    | 1.669             |
| 3133EM2X9                             | 127227       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,647,878.00  | 4,647,878.00   | Aaa     | AA  | 0.30           | 4.782         | 627              | 08/19/2024    | 1.669             |
| 3133EM2U5                             | 127226       | Federal Farm Credit Bank | 25,000,000.00 | 24,987,500.00 | 23,239,390.00 | 23,239,390.00  | Aaa     | AA  | 1.50           | 4.782         | 627              | 08/19/2024    | 1.669             |
| 3130AMDT6                             | 127185       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,645,173.50  | 4,645,173.50   | Aaa     | AA  | 0.30           | 4.833         | 627              | 08/19/2024    | 1.671             |
| 3130AMCN0                             | 127189       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,288,457.00  | 9,288,457.00   | Aaa     | AA  | 0.60           | 4.822         | 634              | 08/26/2024    | 1.689             |
| 3133EL5S9                             | 127233       | Federal Farm Credit Bank | 15,000,000.00 | 15,000,000.00 | 13,928,304.00 | 13,928,304.00  | Aaa     | AA  | 0.90           | 4.771         | 642              | 09/03/2024    | 1.707             |
| 3133ENQC7                             | 127346       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,509,231.00  | 9,509,231.00   |         |     | 0.61           | 4.893         | 642              | 09/03/2024    | 1.684             |
| 31422XMH2                             | 127231       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,649,940.00  | 4,649,940.00   | Aaa     | AA  | 0.30           | 4.597         | 642              | 09/03/2024    | 1.710             |
| 31422XMH2                             | 127232       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,649,940.00  | 4,649,940.00   | Aaa     | AA  | 0.30           | 4.597         | 642              | 09/03/2024    | 1.710             |
| 3133EM4K5                             | 127238       | Federal Farm Credit Bank | 7,725,000.00  | 7,725,000.00  | 7,163,730.86  | 7,163,730.86   | Aaa     | AA  | 0.46           | 4.764         | 648              | 09/09/2024    | 1.724             |
| 3130ANVA5                             | 127239       | Federal Home Loan Bank   | 5,925,000.00  | 5,925,000.00  | 5,495,073.11  | 5,495,073.11   | Aaa     | AA  | 0.36           | 4.815         | 649              | 09/10/2024    | 1.725             |
| 3133ENL40                             | 127394       | Federal Farm Credit Bank | 13,135,000.00 | 13,053,957.05 | 12,900,647.96 | 13,053,957.05  | Aaa     | AAA | 0.84           | 4.556         | 652              | 09/13/2024    | 1.692             |
| 3130ANU65                             | 127240       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,268,299.00  | 9,268,299.00   | Aaa     | AA  | 0.60           | 4.811         | 652              | 09/13/2024    | 1.733             |
| 880591ER9                             | 127221       | Tenn Valley Authority    | 2,598,000.00  | 2,794,798.50  | 2,523,332.44  | 2,523,332.44   | Aaa     | AA  | 0.16           | 4.569         | 654              | 09/15/2024    | 1.706             |
| 31422XG89                             | 127407       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,891,248.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 4.588         | 659              | 09/20/2024    | 1.706             |
| 3133EM5X6                             | 127257       | Federal Farm Credit Bank | 6,000,000.00  | 6,000,000.00  | 5,588,057.40  | 5,588,057.40   | Aaa     | AA  | 0.36           | 4.416         | 662              | 09/23/2024    | 1.765             |

Portfolio OAK  
CP

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 11/30/2022**

| Security ID                           | Investment # | Issuer                   | Par Value     | Book Value    | Market Value  | Reported Value | Moody's | S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |               |               |               |                |         |     |                |               |                  |               |                   |
| 31422XMJ8                             | 127261       | Farmer Mac Coupon        | 15,000,000.00 | 15,000,000.00 | 13,905,790.50 | 13,905,790.50  | Aaa     | AA  | 0.90           | 4.745         | 663              | 09/24/2024    | 1.764             |
| 3134GX2N3                             | 127418       | Freddie Mac Coupon       | 9,266,000.00  | 9,247,468.00  | 9,235,992.99  | 9,247,468.00   | Aaa     | AA  | 0.60           | 4.189         | 666              | 09/27/2024    | 1.728             |
| 31422XMU3                             | 127264       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,296,136.00  | 9,296,136.00   | Aaa     | AA  | 0.60           | 4.528         | 666              | 09/27/2024    | 1.775             |
| 31422XMV1                             | 127273       | Farmer Mac Coupon        | 15,000,000.00 | 15,000,000.00 | 13,892,572.50 | 13,892,572.50  | Aaa     | AA  | 0.90           | 4.734         | 673              | 10/04/2024    | 1.791             |
| 31422XNQ1                             | 127275       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,653,991.50  | 4,653,991.50   | Aaa     | AA  | 0.30           | 4.519         | 673              | 10/04/2024    | 1.792             |
| 3130APAH8                             | 127281       | Federal Home Loan Bank   | 15,000,000.00 | 15,000,000.00 | 13,879,855.50 | 13,879,855.50  | Aaa     | AA  | 0.90           | 4.767         | 684              | 10/15/2024    | 1.820             |
| 3130ALWM2                             | 127158       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,631,046.50  | 4,631,046.50   | Aaa     | AA  | 0.30           | 4.767         | 684              | 10/15/2024    | 1.819             |
| 31422XNT5                             | 127283       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,643,287.00  | 4,643,287.00   | Aaa     | AA  | 0.30           | 4.499         | 687              | 10/18/2024    | 1.831             |
| 3133ENBM1                             | 127289       | Federal Farm Credit Bank | 10,000,000.00 | 9,972,500.00  | 9,270,677.00  | 9,270,677.00   | Aaa     | AA  | 0.60           | 4.711         | 690              | 10/21/2024    | 1.836             |
| 3133ENBM1                             | 127290       | Federal Farm Credit Bank | 15,000,000.00 | 14,985,937.50 | 13,906,015.50 | 13,906,015.50  | Aaa     | AA  | 0.90           | 4.711         | 690              | 10/21/2024    | 1.836             |
| 3130APBN4                             | 127292       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,261,056.00  | 9,261,056.00   | Aaa     | AA  | 0.60           | 4.762         | 690              | 10/21/2024    | 1.835             |
| 3130APCW3                             | 127291       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,647,899.00  | 4,647,899.00   | Aaa     | AA  | 0.30           | 4.559         | 690              | 10/21/2024    | 1.835             |
| 3130APJT3                             | 127300       | Federal Home Loan Bank   | 7,000,000.00  | 7,000,000.00  | 6,527,548.30  | 6,527,548.30   | Aaa     | AA  | 0.42           | 4.741         | 697              | 10/28/2024    | 1.848             |
| 3130APF59                             | 127297       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,652,944.50  | 4,652,944.50   | Aaa     | AA  | 0.30           | 4.434         | 697              | 10/28/2024    | 1.856             |
| 3130APJ22                             | 127296       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,286,819.00  | 9,286,819.00   | Aaa     | AA  | 0.60           | 4.607         | 697              | 10/28/2024    | 1.855             |
| 3130APK79                             | 127298       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,268,690.00  | 9,268,690.00   | Aaa     | AA  | 0.60           | 4.754         | 697              | 10/28/2024    | 1.853             |
| 3130APF59                             | 127301       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,305,889.00  | 9,305,889.00   | Aaa     | AA  | 0.60           | 4.434         | 697              | 10/28/2024    | 1.856             |
| 31422XPC0                             | 127299       | Farmer Mac Coupon        | 6,000,000.00  | 6,000,000.00  | 5,595,486.60  | 5,595,486.60   | Aaa     | AA  | 0.36           | 4.486         | 697              | 10/28/2024    | 1.854             |
| 3130AM2N1                             | 127172       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,644,514.50  | 4,644,514.50   | Aaa     | AA  | 0.30           | 4.552         | 698              | 10/29/2024    | 1.858             |
| 3130APLF0                             | 127308       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,276,265.00  | 9,276,265.00   | Aaa     | AA  | 0.60           | 4.747         | 708              | 11/08/2024    | 1.878             |
| 3130APLV5                             | 127309       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,669,878.00  | 4,669,878.00   | Aaa     | AA  | 0.30           | 4.734         | 708              | 11/08/2024    | 1.874             |
| 3133ENDU1                             | 127314       | Federal Farm Credit Bank | 5,000,000.00  | 4,997,500.00  | 4,635,279.00  | 4,635,279.00   | Aaa     | AA  | 0.30           | 4.687         | 715              | 11/15/2024    | 1.899             |
| 3130APNB7                             | 127316       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,288,725.00  | 9,288,725.00   | Aaa     | AA  | 0.60           | 4.736         | 718              | 11/18/2024    | 1.904             |
| 3130APMP7                             | 127315       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,273,945.00  | 9,273,945.00   | Aaa     | AA  | 0.60           | 4.735         | 718              | 11/18/2024    | 1.906             |
| 3130APQ73                             | 127318       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,652,313.00  | 4,652,313.00   | Aaa     | AA  | 0.30           | 4.729         | 722              | 11/22/2024    | 1.914             |
| 3134GXR71                             | 127382       | Freddie Mac Coupon       | 5,000,000.00  | 5,000,000.00  | 4,929,926.50  | 5,000,000.00   | Aaa     | AA  | 0.32           | 4.749         | 725              | 11/25/2024    | 1.879             |
| 3133ENKQ2                             | 127330       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,644,315.50  | 4,644,315.50   | Aaa     | AA  | 0.30           | 4.638         | 774              | 01/13/2025    | 2.041             |
| 31422XSU7                             | 127333       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,679,665.50  | 4,679,665.50   | Aaa     | AA  | 0.30           | 4.400         | 775              | 01/14/2025    | 2.043             |
| 3130ASL23                             | 127367       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,805,047.00  | 10,000,000.00  | Aaa     | AAA | 0.65           | 4.973         | 783              | 01/22/2025    | 1.994             |
| 3134GXQ56                             | 127381       | Freddie Mac Coupon       | 5,000,000.00  | 5,000,000.00  | 4,960,960.00  | 5,000,000.00   | Aaa     | AA  | 0.32           | 4.373         | 818              | 02/26/2025    | 2.093             |
| 3133EMSC7                             | 127235       | Federal Farm Credit Bank | 14,750,000.00 | 14,713,125.00 | 13,457,520.93 | 13,457,520.93  | Aaa     | AA  | 0.87           | 4.616         | 823              | 03/03/2025    | 2.191             |
| 31422XUT7                             | 127347       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,444,248.00  | 9,444,248.00   |         |     | 0.61           | 4.612         | 827              | 03/07/2025    | 2.165             |
| 3133EM5V0                             | 127253       | Federal Farm Credit Bank | 5,000,000.00  | 4,996,250.00  | 4,565,357.00  | 4,565,357.00   | Aaa     | AA  | 0.30           | 4.576         | 841              | 03/21/2025    | 2.239             |
| 3134GXMx9                             | 127349       | Freddie Mac Coupon       | 10,000,000.00 | 10,000,000.00 | 9,496,311.00  | 9,496,311.00   |         |     | 0.61           | 4.516         | 845              | 03/25/2025    | 2.211             |

Portfolio OAK  
CP

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 11/30/2022**

| Security ID                           | Investment # | Issuer                   | Par Value               | Book Value              | Market Value            | Reported Value          | Moody's | S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |                         |                         |                         |                         |         |     |                |               |                  |               |                   |
| 3133EMUP5                             | 127150       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,155,683.00            | 9,155,683.00            | Aaa     | AA  | 0.59           | 4.566         | 852              | 04/01/2025    | 2.262             |
| 3133EMUP5                             | 127151       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,155,683.00            | 9,155,683.00            | Aaa     | AA  | 0.59           | 4.566         | 852              | 04/01/2025    | 2.262             |
| 3133EMWH1                             | 127163       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,139,291.00            | 9,139,291.00            | Aaa     | AA  | 0.59           | 4.554         | 872              | 04/21/2025    | 2.317             |
| 3133EMXS6                             | 127171       | Federal Farm Credit Bank | 5,000,000.00            | 4,997,750.00            | 4,541,429.00            | 4,541,429.00            | Aaa     | AA  | 0.29           | 4.798         | 879              | 04/28/2025    | 2.333             |
| 3130AMMC3                             | 127196       | Federal Home Loan Bank   | 6,000,000.00            | 6,000,000.00            | 5,466,498.00            | 5,466,498.00            | Aaa     | AA  | 0.35           | 4.573         | 921              | 06/09/2025    | 2.434             |
| 3134GXN42                             | 127378       | Freddie Mac Coupon       | 10,000,000.00           | 10,000,000.00           | 9,936,623.00            | 10,000,000.00           | Aaa     | AA  | 0.65           | 3.245         | 998              | 08/25/2025    | 2.582             |
| 3134GXN59                             | 127380       | Freddie Mac Coupon       | 5,000,000.00            | 5,000,000.00            | 4,963,170.50            | 5,000,000.00            | Aaa     | AA  | 0.32           | 4.290         | 999              | 08/26/2025    | 2.538             |
| 3134GXX82                             | 127410       | Freddie Mac Coupon       | 10,000,000.00           | 10,000,000.00           | 9,953,762.00            | 10,000,000.00           | Aaa     | AA  | 0.65           | 4.178         | 1,027            | 09/23/2025    | 2.612             |
| 3134GXZ80                             | 127417       | Freddie Mac Coupon       | 10,000,000.00           | 9,995,000.00            | 9,995,756.00            | 9,995,000.00            | Aaa     | AA  | 0.65           | 4.518         | 1,030            | 09/26/2025    | 2.601             |
| 3133EM6P2                             | 127267       | Federal Farm Credit Bank | 10,000,000.00           | 9,993,000.00            | 9,017,048.00            | 9,017,048.00            | Aaa     | AA  | 0.58           | 4.437         | 1,033            | 09/29/2025    | 2.738             |
| 3134GX2T0                             | 127419       | Freddie Mac Coupon       | 10,000,000.00           | 10,000,000.00           | 9,894,885.00            | 10,000,000.00           | Aaa     | AA  | 0.65           | 4.904         | 1,034            | 09/30/2025    | 2.605             |
| 31422XJ60                             | 127420       | Farmer Mac Coupon        | 10,000,000.00           | 10,000,000.00           | 9,975,964.00            | 10,000,000.00           | Aaa     | AAA | 0.65           | 5.219         | 1,040            | 10/06/2025    | 2.597             |
| 3135GA2A8                             | 127241       | Fannie Mae               | 3,200,000.00            | 3,185,600.00            | 2,868,610.78            | 2,868,610.78            | Aaa     | AA  | 0.19           | 4.413         | 1,062            | 10/28/2025    | 2.823             |
| 3130AL3F9                             | 127127       | Federal Home Loan Bank   | 10,000,000.00           | 10,000,000.00           | 8,896,000.00            | 8,896,000.00            | Aaa     | AA  | 0.57           | 4.108         | 1,188            | 03/03/2026    | 3.153             |
| 3130ALTT1                             | 127146       | Federal Home Loan Bank   | 10,000,000.00           | 10,000,000.00           | 8,960,171.00            | 8,960,171.00            | Aaa     | AA  | 0.58           | 4.401         | 1,215            | 03/30/2026    | 3.204             |
| 3130ALPQ1                             | 127149       | Federal Home Loan Bank   | 5,000,000.00            | 5,000,000.00            | 4,535,120.50            | 4,535,120.50            | Aaa     | AA  | 0.29           | 3.746         | 1,215            | 03/30/2026    | 3.211             |
| 3130AMCL4                             | 127184       | Federal Home Loan Bank   | 5,000,000.00            | 5,000,000.00            | 4,452,320.50            | 4,452,320.50            | Aaa     | AA  | 0.29           | 4.466         | 1,265            | 05/19/2026    | 3.335             |
| 3133EMUQ3                             | 127148       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 8,783,393.00            | 8,783,393.00            | Aaa     | AA  | 0.57           | 4.418         | 1,580            | 03/30/2027    | 4.114             |
| <b>Subtotal</b>                       |              |                          | <b>1,267,570,000.00</b> | <b>1,266,351,931.94</b> | <b>1,201,263,962.91</b> | <b>1,203,101,566.15</b> |         |     | <b>77.77</b>   | <b>4.631</b>  | <b>573</b>       |               | <b>1.515</b>      |
| <b>Treasury Notes</b>                 |              |                          |                         |                         |                         |                         |         |     |                |               |                  |               |                   |
| 912828R69                             | 127364       | US Treasury Note         | 5,000,000.00            | 4,940,000.00            | 4,927,929.50            | 4,940,000.00            | Aaa     | AAA | 0.32           | 4.574         | 181              | 05/31/2023    | 0.495             |
| 91282CCU3                             | 127327       | US Treasury Note         | 10,000,000.00           | 9,902,700.00            | 9,660,938.00            | 9,660,938.00            |         |     | 0.62           | 4.781         | 273              | 08/31/2023    | 0.728             |
| 91282CAK7                             | 127365       | US Treasury Note         | 5,000,000.00            | 4,830,200.00            | 4,823,242.00            | 4,830,200.00            | Aaa     | AAA | 0.31           | 4.744         | 288              | 09/15/2023    | 0.768             |
| 9128285D8                             | 127285       | US Treasury Note         | 10,000,000.00           | 10,489,000.00           | 9,850,781.00            | 9,850,781.00            |         |     | 0.64           | 4.727         | 303              | 09/30/2023    | 0.803             |
| 91282CAP6                             | 127286       | US Treasury Note         | 15,000,000.00           | 14,930,250.00           | 14,407,032.00           | 14,407,032.00           |         |     | 0.93           | 4.807         | 318              | 10/15/2023    | 0.850             |
| 91282CBE0                             | 127276       | US Treasury Note         | 5,500,000.00            | 5,472,225.00            | 5,229,082.10            | 5,229,082.10            |         |     | 0.34           | 4.682         | 410              | 01/15/2024    | 1.095             |
| 91282CBE0                             | 127325       | US Treasury Note         | 5,000,000.00            | 4,929,000.00            | 4,753,711.00            | 4,753,711.00            |         |     | 0.31           | 4.682         | 410              | 01/15/2024    | 1.095             |
| 912828V80                             | 127326       | US Treasury Note         | 5,000,000.00            | 5,143,500.00            | 4,865,429.50            | 4,865,429.50            |         |     | 0.31           | 4.649         | 426              | 01/31/2024    | 1.122             |
| 912828B66                             | 127403       | US Treasury Note         | 10,000,000.00           | 9,848,300.00            | 9,778,125.00            | 9,848,300.00            | Aaa     | AAA | 0.64           | 4.667         | 441              | 02/15/2024    | 1.158             |
| 91282CCG4                             | 127280       | US Treasury Note         | 5,000,000.00            | 4,964,000.00            | 4,681,250.00            | 4,681,250.00            |         |     | 0.30           | 4.588         | 562              | 06/15/2024    | 1.500             |
| 91282CCL3                             | 127266       | US Treasury Note         | 10,000,000.00           | 9,976,000.00            | 9,359,375.00            | 9,359,375.00            |         |     | 0.60           | 4.515         | 592              | 07/15/2024    | 1.580             |
| 91282CCT6                             | 127263       | US Treasury Note         | 5,500,000.00            | 5,489,550.00            | 5,130,898.30            | 5,130,898.30            |         |     | 0.33           | 4.507         | 623              | 08/15/2024    | 1.663             |
| 912828YE4                             | 127219       | US Treasury Note         | 5,500,000.00            | 5,643,687.50            | 5,202,871.30            | 5,202,871.30            |         |     | 0.34           | 4.496         | 639              | 08/31/2024    | 1.688             |

Portfolio OAK  
CP

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 11/30/2022**

| Security ID                       | Investment # | Issuer                       | Par Value               | Book Value              | Market Value            | Reported Value          | Moody's | S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|-----------------------------------|--------------|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Treasury Notes</b>             |              |                              |                         |                         |                         |                         |         |     |                |               |                  |               |                   |
| 91282CCX7                         | 127243       | US Treasury Note             | 15,000,000.00           | 14,971,800.00           | 13,961,133.00           | 13,961,133.00           | Aaa     | AAA | 0.90           | 4.446         | 654              | 09/15/2024    | 1.742             |
| 91282CCX7                         | 127262       | US Treasury Note             | 10,000,000.00           | 9,974,000.00            | 9,307,422.00            | 9,307,422.00            | Aaa     | AAA | 0.60           | 4.446         | 654              | 09/15/2024    | 1.742             |
| 91282YH7                          | 127391       | US Treasury Note             | 15,000,000.00           | 14,350,195.31           | 14,229,492.00           | 14,229,492.00           |         |     | 0.92           | 4.450         | 669              | 09/30/2024    | 1.767             |
| 91282YH7                          | 127265       | US Treasury Note             | 10,000,000.00           | 10,297,500.00           | 9,486,328.00            | 9,486,328.00            |         |     | 0.61           | 4.450         | 669              | 09/30/2024    | 1.767             |
| 9128282Y5                         | 127248       | US Treasury Note             | 5,500,000.00            | 5,779,950.00            | 5,280,000.00            | 5,280,000.00            |         |     | 0.34           | 4.422         | 669              | 09/30/2024    | 1.758             |
| 91282CDB4                         | 127287       | US Treasury Note             | 15,000,000.00           | 14,997,750.00           | 13,991,601.00           | 13,991,601.00           |         |     | 0.90           | 4.406         | 684              | 10/15/2024    | 1.821             |
| 91282CDB4                         | 127294       | US Treasury Note             | 20,000,000.00           | 19,926,600.00           | 18,655,468.00           | 18,655,468.00           |         |     | 1.20           | 4.406         | 684              | 10/15/2024    | 1.821             |
| 912828YM6                         | 127279       | US Treasury Note             | 5,500,000.00            | 5,649,050.00            | 5,210,820.45            | 5,210,820.45            |         |     | 0.34           | 4.391         | 700              | 10/31/2024    | 1.850             |
| 912828G38                         | 127313       | US Treasury Note             | 5,000,000.00            | 5,217,350.00            | 4,801,758.00            | 4,801,758.00            |         |     | 0.31           | 4.388         | 715              | 11/15/2024    | 1.880             |
| <b>Subtotal</b>                   |              |                              | <b>197,500,000.00</b>   | <b>197,722,607.81</b>   | <b>187,594,687.15</b>   | <b>187,683,890.65</b>   |         |     | <b>12.11</b>   | <b>4.546</b>  | <b>541</b>       |               | <b>1.439</b>      |
| <b>MI Gov't Coupon</b>            |              |                              |                         |                         |                         |                         |         |     |                |               |                  |               |                   |
| 672411M69                         | 125911       | Oakland County Refunding     | 34,000,000.00           | 34,000,000.00           | 33,910,221.98           | 34,000,000.00           | Aaa     | AAA | 2.19           | 4.589         | 1,582            | 04/01/2027    | 3.865             |
| <b>Subtotal</b>                   |              |                              | <b>34,000,000.00</b>    | <b>34,000,000.00</b>    | <b>33,910,221.98</b>    | <b>34,000,000.00</b>    |         |     | <b>2.19</b>    | <b>4.589</b>  | <b>1,582</b>     |               | <b>3.865</b>      |
| <b>Passbook/Checking Accounts</b> |              |                              |                         |                         |                         |                         |         |     |                |               |                  |               |                   |
| 3310301                           | 127070       | CIBC                         | 638,562.43              | 638,562.43              | 638,562.43              | 638,562.43              |         |     | 0.04           | 3.000         | 1                |               | 0.000             |
| 4252473726                        | 123865       | PNC Bank                     | 3,065,540.23            | 3,065,540.23            | 3,065,540.23            | 3,065,540.23            |         |     | 0.20           | 0.000         | 1                |               | 0.000             |
| 101093342                         | 125366       | Flagstar Pool                | 106,935.54              | 106,935.54              | 106,935.54              | 106,935.54              |         |     | 0.01           | 2.900         | 1                |               | 0.000             |
| 2272S0094                         | 126751       | Michigan First Credit Union  | 100.00                  | 100.00                  | 100.00                  | 100.00                  |         |     | 0.00           | 0.050         | 1                |               | 0.000             |
| 01381917549                       | 125359       | Huntington Pool              | 10,000.00               | 10,000.00               | 10,000.00               | 10,000.00               |         |     | 0.00           | 0.010         | 1                |               | 0.000             |
| 0002306184                        | 125959       | Chief Financial Credit Union | 235,283.67              | 235,283.67              | 235,283.67              | 235,283.67              |         |     | 0.02           | 0.500         | 1                |               | 0.000             |
| 106179019832                      | 126138       | Lake Michigan Credit Union   | 483,235.26              | 483,235.26              | 483,235.26              | 483,235.26              |         |     | 0.03           | 2.180         | 1                |               | 0.000             |
| 11211082                          | 127069       | Horizon Bank                 | 1,514.61                | 1,514.61                | 1,514.61                | 1,514.61                |         |     | 0.00           | 0.120         | 1                |               | 0.000             |
| 50010511                          | 126719       | The State Bank               | 165,252.84              | 165,252.84              | 165,252.84              | 165,252.84              |         |     | 0.01           | 3.100         | 1                |               | 0.000             |
| 122920590                         | 126831       | District Court int           | 9.59                    | 9.59                    | 9.59                    | 9.59                    |         |     | 0.00           | 0.900         | 1                |               | 0.000             |
| 850008                            | 127324       | Citizens State Bank          | 271,227.25              | 271,227.25              | 271,227.25              | 271,227.25              |         |     | 0.02           | 2.250         | 1                |               | 0.000             |
| <b>Subtotal</b>                   |              |                              | <b>4,977,661.42</b>     | <b>4,977,661.42</b>     | <b>4,977,661.42</b>     | <b>4,977,661.42</b>     |         |     | <b>0.33</b>    | <b>0.908</b>  | <b>1</b>         |               | <b>0.000</b>      |
| <b>Report Total</b>               |              |                              | <b>1,624,133,601.37</b> | <b>1,622,997,399.37</b> | <b>1,547,529,173.91</b> | <b>1,549,708,316.42</b> |         |     | <b>100.14</b>  | <b>4.575</b>  | <b>562</b>       |               | <b>1.4803 †</b>   |

† = Duration can not be calculated on these investments due to incomplete Market price data.