1. BET IAC & OPEB Agenda_Concurrent Meeting_07-14-2022

   Documents:

   IAC OPEB CONCURRENT MEETING AGENDA 07-14-2022.PDF

1.I. SUB_TO_APP_BET IAC Meeting Minutes_06-09-2022

   Documents:

   SUB_TO_APP_BET IAC MEETING MINUTES_06-09-2022.PDF

2. SUB_TO_APP_BET IAC Meeting Minutes_07-14-2022

   Documents:

   SUB_TO_APP_BET IAC MEETING MINUTES_07-14-2022.PDF

3. APPROVED_BET IAC Meeting Minutes_07-14-2022

   Documents:

   APPROVED_BET IAC MEETING MINUTES_07-14-2022.PDF
AGENDA

1. Approval of the BET Investment Advisory Committee Meeting Minutes of June 9, 2022

2. Review of market conditions, OPEB Trust Portfolio performance results and asset allocation as of June 30, 2022 – Vanguard

3. Discussion of the changes to the OPEB Trust Investment Policy Statement proposed by Vanguard

4. Review of Treasury Reports:
   - Town’s cash position and invested cash allocations on June 30, 2022
   - Bank interest rates and ECR
   - Investments in U.S. Treasury Bills
   - CD Portfolio holdings
   - General Fund monthly cash flows: actual for June 2022 and projected for fiscal year 2023

5. Old Business

6. New Business

7. Adjournment

Next IAC Meeting: Wednesday, September 14, 2022 at 8:30 A.M. in the Mazza Room.
TOWN OF GREENWICH
BOARD OF ESTIMATE AND TAXATION

Investment Advisory Committee Meeting Minutes
Thursday, June 9, 2022

Present:
Committee: William Drake, Chairman; Michael Basham, Miriam Kreuzer
David Weisbrod

Staff:      Joan Lynch, Assistant to the Treasurer; Peter Mynarski, Comptroller;
Nataliya Yemets, Treasurer

Guests:       Joseph Pellegrino, Other Post-Employment Benefits (OPEB) Trust
Board Chairman

BET Members:     Dan Ozizmir, BET Chairman; Leslie Tarkington

The meeting was called to order at 10:00 A.M.

1. Approval of the BET Investment Advisory Committee (IAC) Meeting Minutes of May 12, 2022

   Mr. Basham made a motion to approve the May 12, 2022 meeting minutes, seconded by Ms. Kreuzer. The vote was 4-0-0 to approve the May 12, 2022 meeting minutes.

2. Update on the OPEB Trust Portfolio market value as of May 31, 2022 and discussion of the OPEB Board composition

   • OPEB Trust Portfolio May 2022 Performance

   Ms. Yemets reported that the Portfolio had a total gain of $86,245 for the month of May, consisting of a $56,777 gain in total equity, and a $29,468 gain in fixed income. This brought the total value of the fund up to $41,762,146 before operating cash. Fiscal YTD loss is now $2,048,737. Ms. Yemets commented that the asset allocation was currently at 55.3% for domestic equity, 19.8% for international equity, 20% for domestic fixed income, and 4.9% for international fixed income, all within target allocations.

   • Composition of the OPEB Board

   Mr. Mynarski summarized the discussions regarding changes to the OPEB Board composition.

   A motion was made by Mr. Drake, seconded by Mr. Weisbrod, to forward the following recommendations to the BET for approvals at their June 21, 2022 meeting: (1) Appoint Ms. Kreuzer to fill the current OPEB Trust Board vacancy left by Mr. Robert Stricker, expiring June 30, 2022, and reappoint Ms. Kreuzer for the position with a term ending
June 30, 2025. (2) Appoint Mr. William Drake to fill the current vacancy left by Mr. William Ferdinand with a term ending June 30, 2023. (3) Reappoint Mr. Pellegrino as Chairman of said board for another one-year term ending June 30, 2023. The vote was 4-0-0, the motion carried.

Mr. Weisbrod suggested holding ‘concurrent meetings’ with the OPEB Trust Board for their quarterly meetings (April/July/Oct/Jan), whereby the OPEB Trust Board members discuss matters and only one vote is taken by the IAC members. The first quarterly ‘concurrent meeting’ will take place on July 14th at 10 A.M.

3. Review of the Treasury Reports:

   - **Town’s cash position and invested cash allocations on May 31, 2022**

Ms. Yemets presented the May 31, 2022 Treasurer’s Report, showing a General Fund cash balance of $115,311,111, and made several comments regarding its contents. In addition, Ms. Yemets provided a schedule of invested cash allocations and discussed the interest rates, noting that interest rates continue to change rapidly, with STIF (representing 47.8% of non-OPEB funds) earning 84 basis points as of May 31. She also reviewed interest rates and earnings credit rates for each bank, Certificates of Deposit and U.S. Treasuries, noting that interest rates are increasing across the board. Earnings credit rates (ECR) were discussed, noting they have not yet increased in line with interest rates. Mr. Weisbrod asked that ECR increases be requested of the banks.

   - **Investments in U.S. Treasury Bills**

Ms. Yemets presented the listing of U.S. Treasury Bills investments which total $25,864,767 as of June 1st, and highlighted that the interest rates ranged from a low of 0.203% to a high of 1.491% (weighted average about 1%), all with term of six months. She noted the additional US Treasury investments in ARP – Covid Recovery Funds for $5 million each totaling $15 million. They have three separate maturities, and two of them have semiannual coupons. Mr. Weisbrod asked about doing a repo program, and Ms. Yemets noted the minimum investment in a repo program with JP Morgan would be $50 million, thereby not a viable option. Other short-term treasury investment options were discussed, however at this time the STIF interest rate is close to or above the rates that would be earned in repos or shorter-term treasuries. Ms. Yemets also noted that STIF has exposure (currently 11%) to repos.

   - **General Fund monthly cash flows: actual for May 2022 and projected for June 2022**

Ms. Yemets presented the Cash Report for cash balances through May 31, 2022 and asked if there were any questions. Conveyance Tax collections were $1.2 million, the second highest collection month in this fiscal year. Total inflows of $8.7 million, total outflows $37.4 million, for net cash outflow $28.7 million.

4. **Old Business** – none

5. **New Business** – none

6. **Adjournment**
Upon a motion by Mr. Drake, seconded by Ms. Kreuzer, to adjourn the Regular Meeting of the Investment Advisor Committee at 10:45 A.M, the Committee voted 4-0-0. Motion carried.

Joan Lynch, Recording Secretary

William Drake, Chairman, Investment Advisory Cmte

The next meeting of the IAC will be held on Thursday, July 14, 2022 in the Mazza Room, and will be a ‘concurrent meeting’ with the OPEB Trust Board.
TOWN OF GREENWICH
BOARD OF ESTIMATE AND TAXATION

Concurrent meeting of
Investment Advisory Committee (IAC) and
Other Post-Employment Benefit (OPEB) Trust Board
Meeting Minutes

Thursday, July 14, 2022

Present:
IAC Members: William Drake, Chairman; Harry Fisher; Miriam Kreuzer
David Weisbrod

OPEB Trust Board: Joseph Pellegrino, Chairman, William Drake, Miriam Kreuzer

Staff: Peter Mynarski, Comptroller; Nataliya Yemets, Treasurer

Guest: Brian Binkley, Vanguard

BET Members: Dan Ozizmir, BET Chairman; Leslie Tarkington

The meeting was called to order at 10:02 A.M.

1. Approval of the BET IAC Meeting Minutes of June 9, 2022

Mr. Drake made a motion to approve the June 9, 2022 meeting minutes, seconded by Ms. Weisbrod. The vote was 3-0-1 to approve the June 9, 2022 meeting minutes (Fisher abstaining).

2. Review of market conditions, OPEB Trust Portfolio performance results and asset allocation as of June 30, 2022 – Vanguard

Mr. Binkley reviewed the OPEB Trust Portfolio performance results for the month, quarter and year-to-date. Since Vanguard took over management of the Portfolio, the returns are tracking the indexes as expected. The Portfolio market value was $38,981,980 as of June 30, down 6.66% for the month, 13.18% for the quarter, and 12.35% for the fiscal year 2022. Since inception total return (inception being January 26, 2022, the date when the Trust assets were transferred to Vanguard) is -14.29%, 17 basis points below the Composite Benchmark, and 55 basis points below the ‘75/25 S&P500/Bloomberg Barclays Aggregate’ Benchmark. The asset allocation is currently at 54.3% for Domestic Equity, 19.4% for International Equity, 21.1% for Domestic Fixed Income, and 5.2% for International Fixed Income, all close to targets.

Mr. Binkley commented that Vanguard will be transitioning to an improved performance reporting system in the fall, which will allow them to include Calendar YTD and Fiscal YTD results, in addition to attribution analysis. As of June 30th, the Portfolio is down 18.14% CYTD versus the benchmark that lost 17.9%. In response to a question, Mr. Binkley also
commented that Fixed Income non-U.S. bonds are hedged, and non-U.S. equities are not hedged. The OPEB Trust Fund expense ratio as of June 30th is 4.5 basis points.

Mr. Binkley reviewed Vanguard’s estimated rates of return for a 10-year and 30-year time horizons. The median return forecast (as of March 31, 2022) for 30-year time horizon is 6%. Mr. Binkley also shared some data showing how the Town’s OPEB Trust Portfolio compares with other OPEB plans in the state of Connecticut (175 plans in total), noting that the median discount rate is 6.5% among plans in Connecticut, and median funding for plans in Connecticut is 43% (versus the Town’s funding of 63% as of last fiscal year-end).

With Vanguard’s 10-year estimated median rate of return being 4.48%, and 30-year estimated median rate of return being 6%, Mr. Pellegrino requested the current discount rate of 6.75% be a topic of discussion for a future meeting (to include liability management as well).

3. Discussion of the changes to the OPEB Trust Investment Policy Statement proposed by Vanguard

Mr. Pellegrino led a discussion of the recommended changes to the Investment Policy Statement (IPS). Proposed changes include:

(1) Benchmark weightings adjusted to reflect the portfolio’s exposure to non-US equity and fixed income investments (US Equity 45%, Non-US Equity 30%, US Fixed Income 20%, Non-US Fixed Income 5%),

(2) Equity allocation limit for Non-US Equities adjusted to allow for a maximum of 40% of total equity exposure (in line with global equity capitalization, thereby offering potential for higher equity returns considering Vanguard’s most recent capital market projections),

(3) Rebalancing to target weightings daily, if/when any asset class is +/- 5% from target weighting. (Rebalancing done daily at asset class level, not sub-asset class level.)

During the equity allocation discussion, an informal vote was taken among IAC members regarding the proposed change to the maximum limit for Non-US Equities from 20% to 40% of total equity exposure, which passed with a vote of 3-1-0.

A motion was made by Mr. Pellegrino, seconded by Mr. Drake, for the OPEB Board to recommend to the IAC to accept the revised IPS document as amended. Motion passed with a vote of 3-0-0.

A motion was made by Mr. Drake, seconded by Mr. Weisbrod, for the IAC to accept the revised IPS document as amended, and recommend to the BET to accept the revised IPS document as amended. Motion passed with a vote of 4-0-0.

4. Review of Treasury Reports:

- **Town’s cash position and invested cash allocations on June 30, 2022**

Ms. Yemets presented the June 30, 2022 Treasurer’s Report, showing a General Fund cash balance of $130,535,839, and made several comments regarding its contents. She noted another $9.6 million of ARP funds were received from the State of Connecticut on July 5th.
In addition, Ms. Yemets provided a schedule of invested cash allocations, and discussed the interest rates, noting that interest rates continue to change rapidly.

Mr. Ozizmir inquired about the continuing goal of maximizing interest earnings through the purchases of US Treasuries. Ms. Yemets expressed her efforts to balance this along with liquidity needs and increasing interest rates. As of June 30th, $101.7 million is invested with STIF (representing 41.3% of non-OPEB funds) earning 154 basis points as of July 12, and $46.9 million (representing 19% of non-OPEB funds) is invested in US Treasuries.

- **Bank interest rates and ECR**

Ms. Yemets reviewed interest rates and earnings credit rates for each bank, Certificates of Deposit and U.S. Treasuries, noting again that interest rates are changing rapidly. All three banks expect to increase rates after the next Federal Reserve meeting later in July.

- **Investments in U.S. Treasury Bills**

Ms. Yemets presented the listing of U.S. Treasury Bills investments which total $36 million as of July 14th, and highlighted that the interest rates ranged from a low of 0.31% to a high of 2.8% (purchased June 14th), all with a term of six months. She reviewed ARP – Covid Recovery Funds investments in three US Treasury maturities for $5 million each totaling $15 million.

- **CD Portfolio holdings**

As of June 30th, the CD portfolio consisted of 91 holdings and $500,000 in US Treasuries, with yields ranging from 10 basis points to 3.3% (lower yields purchased in 2020/21). The weighted average yield on the entire portfolio is 95 basis points, and the weighted average maturity is 1.18 years, with longest maturity being 3 years. All holdings are under the FDIC insurance maximum of $250,000, and all have IDC Rankings of 165 or higher.

- **General Fund monthly cash flows: actual for June 2022 and projected for fiscal year 2023**

Ms. Yemets presented the Cash Report for General Fund cash flows and balances through June 30, 2022. Tax collections were very high in June at $45.5 million, and conveyance tax continued to run relatively high at $722,179. June total inflows were $53.0 million, and total outflows $37.8 million, for net cash inflow of $15.2 million. The FY 2023 projections will be presented to the Committee at their next meeting in September.

5. **Old Business** – none

6. **New Business** – none

7. **Adjournment**

Upon a motion by Mr. Weisbrod, seconded by Mr. Fisher, to adjourn the Regular Meeting of the Investment Advisory Committee at 11:51 A.M, the Committee voted 4-0-0. Motion carried.
The next meeting of the IAC will be held on Wednesday, September 14, 2022 at 8:30 A.M. in the Mazza Room. The next concurrent meeting of the IAC and OPEB Trust Board will be held on Thursday, October 13, 2022 at 10:00 A.M. in the Mazza Room.
Present:
IAC Members: William Drake, Chairman; Harry Fisher; Miriam Kreuzer
David Weisbrod

OPEB Trust Board: Joseph Pellegrino, Chairman, William Drake, Miriam Kreuzer

Staff: Peter Mynarski, Comptroller; Nataliya Yemets, Treasurer

Guest: Brian Binkley, Vanguard

BET Members: Dan Ozizmir, BET Chairman; Leslie Tarkington

The meeting was called to order at 10:02 A.M.

1. Approval of the BET IAC Meeting Minutes of June 9, 2022

Mr. Drake made a motion to approve the June 9, 2022 meeting minutes, seconded by Ms. Weisbrod. The vote was 3-0-1 to approve the June 9, 2022 meeting minutes (Fisher abstaining).

2. Review of market conditions, OPEB Trust Portfolio performance results and asset allocation as of June 30, 2022 – Vanguard

Mr. Binkley reviewed the OPEB Trust Portfolio performance results for the month, quarter and year-to-date. Since Vanguard took over management of the Portfolio, the returns are tracking the indexes as expected. The Portfolio market value was $38,981,980 as of June 30, down 6.66% for the month, 13.18% for the quarter, and 12.35% for the fiscal year 2022. Since inception total return (inception being January 26, 2022, the date when the Trust assets were transferred to Vanguard) is -14.29%, 17 basis points below the Composite Benchmark, and 55 basis points below the ‘75/25 S&P500/Bloomberg Barclays Aggregate’ Benchmark. The asset allocation is currently at 54.3% for Domestic Equity, 19.4% for International Equity, 21.1% for Domestic Fixed Income, and 5.2% for International Fixed Income, all close to targets.

Mr. Binkley commented that Vanguard will be transitioning to an improved performance reporting system in the fall, which will allow them to include Calendar YTD and Fiscal YTD results, in addition to attribution analysis. As of June 30th, the Portfolio is down 18.14%
CYTD versus the benchmark that lost 17.9%. In response to a question, Mr. Binkley also commented that Fixed Income non-U.S. bonds are hedged, and non-U.S. equities are not hedged. The OPEB Trust Fund expense ratio as of June 30th is 4.5 basis points.

Mr. Binkley reviewed Vanguard’s estimated rates of return for a 10-year and 30-year time horizons. The median return forecast (as of March 31, 2022) for 30-year time horizon is 6%. Mr. Binkley also shared some data showing how the Town’s OPEB Trust Portfolio compares with other OPEB plans in the state of Connecticut (175 plans in total), noting that the median discount rate is 6.5% among plans in Connecticut, and median funding for plans in Connecticut is 43% (versus the Town’s funding of 63% as of last fiscal year-end).

With Vanguard’s 10-year estimated median rate of return being 4.48%, and 30-year estimated median rate of return being 6%, Mr. Pellegrino requested the current discount rate of 6.75% be a topic of discussion for a future meeting (to include liability management as well).

3. **Discussion of the changes to the OPEB Trust Investment Policy Statement proposed by Vanguard**

Mr. Pellegrino led a discussion of the recommended changes to the Investment Policy Statement (IPS). Proposed changes include:

1. Benchmark weightings adjusted to reflect the portfolio’s exposure to non-US equity and fixed income investments (US Equity 45%, Non-US Equity 30%, US Fixed Income 20%, Non-US Fixed Income 5%),
2. Equity allocation limit for Non-US Equities adjusted to allow for a maximum of 40% of total equity exposure (in line with global equity capitalization, thereby offering potential for higher equity returns considering Vanguard’s most recent capital market projections),
3. Rebalancing to target weightings daily, if/when any asset class is +/- 5% from target weighting. (Rebalancing done daily at asset class level, not sub-asset class level.)

During the equity allocation discussion, an informal vote was taken among IAC members regarding the proposed change to the maximum limit for Non-US Equities from 20% to 40% of total equity exposure, which passed with a vote of 3-1-0.

A motion was made by Mr. Pellegrino, seconded by Mr. Drake, for the OPEB Board to recommend to the IAC to accept the revised IPS document as amended. Motion passed with a vote of 3-0-0.

A motion was made by Mr. Drake, seconded by Mr. Weisbrod, for the IAC to accept the revised IPS document as amended, and recommend to the BET to accept the revised IPS document as amended. Motion passed with a vote of 4-0-0.

4. **Review of Treasury Reports:**

   - **Town’s cash position and invested cash allocations on June 30, 2022**

Ms. Yemets presented the June 30, 2022 Treasurer’s Report, showing a General Fund cash balance of $130,535,839, and made several comments regarding its contents. She noted another $9.6 million of ARP funds were received from the State of Connecticut on July 5th.
In addition, Ms. Yemets provided a schedule of invested cash allocations, and discussed the interest rates, noting that interest rates continue to change rapidly.

Mr. Ozizmir inquired about the continuing goal of maximizing interest earnings through the purchases of US Treasuries. Ms. Yemets expressed her efforts to balance this along with liquidity needs and increasing interest rates. As of June 30th, $101.7 million is invested with STIF (representing 41.3% of non-OPEB funds) earning 154 basis points as of July 12, and $46.9 million (representing 19% of non-OPEB funds) is invested in US Treasuries.

- **Bank interest rates and ECR**

Ms. Yemets reviewed interest rates and earnings credit rates for each bank, Certificates of Deposit and U.S. Treasuries, noting again that interest rates are changing rapidly. All three banks expect to increase rates after the next Federal Reserve meeting later in July.

- **Investments in U.S. Treasury Bills**

Ms. Yemets presented the listing of U.S. Treasury Bills investments which total $36 million as of July 14th and highlighted that the interest rates ranged from a low of 0.31% to a high of 2.8% (purchased June 14th), all with a term of six months. She reviewed ARP – Covid Recovery Funds investments in three US Treasury maturities for $5 million each totaling $15 million.

- **CD Portfolio holdings**

As of June 30th, the CD portfolio consisted of 91 holdings and $500,000 in US Treasuries, with yields ranging from 10 basis points to 3.3% (lower yields purchased in 2020/21). The weighted average yield on the entire portfolio is 95 basis points, and the weighted average maturity is 1.18 years, with longest maturity being 3 years. All holdings are under the FDIC insurance maximum of $250,000, and all have IDC Rankings of 165 or higher.

- **General Fund monthly cash flows: actual for June 2022 and projected for fiscal year 2023**

Ms. Yemets presented the Cash Report for General Fund cash flows and balances through June 30, 2022. Tax collections were very high in June at $45.5 million, and conveyance tax continued to run relatively high at $722,179. June total inflows were $53.0 million, and total outflows $37.8 million, for net cash inflow of $15.2 million. The FY 2023 projections will be presented to the Committee at their next meeting in September.

5. **Old Business** – None

6. **New Business** – None

7. **Adjournment**

   Upon a motion by Mr. Weisbrod, seconded by Mr. Fisher, to adjourn the Regular Meeting of the Investment Advisory Committee at 11:51 A.M, the Committee voted 4-0-0. Motion carried.
The next meeting of the IAC will be held on Wednesday, September 14, 2022 at 8:30 A.M. in the Mazza Room. The next concurrent meeting of the IAC and OPEB Trust Board will be held on Thursday, October 13, 2022 at 10:00 A.M. in the Mazza Room.