#### **BURLINGTON RETIREMENT SYSTEM**

#### **City of Burlington**



City Hall, Room 20, 149 Church Street, Burlington, VT 05401Voice (802) 865-7000

Robert Hooper Chairman of the Board

Munir Kasti Vice-Chairman

Meeting – Thursday, January 21, 2021 Start Time – 8:30 AM – 10:30 AM

Join Zoom Meeting

 $\underline{https://us02web.zoom.us/j/85261644826?pwd=SmI1amsvSkRmNzFSU29sV2VOMXhNUT09}$ 

Meeting ID: 852 6164 4826

Passcode: 834923

You may join by phone, dial +1 929 205 6099, meeting # 852-6164-4826

- 1. Agenda -5 mins
- 2. Public Forum 5 mins
- 3. Approve Minutes 5 mins

December 10, 2020 December 18, 2020

December 23, 2020

- 4. Review of financial results 4<sup>th</sup> Qtr. 2020 with Dahab Associates 25 mins
- 5. Approve Retirement Applications 10 mins

Clark Sweeney - \$77.35

Cynthia O'Hara - \$132.34

Jeanne Hulsen - \$2,454.06

William Benway -\$12.28

6. Approval Cash Outs / Roll Forwards – 5 mins

Gregory Short - \$45,957.95

Jessica Brooks - \$3,801.97

- 7. Introduction with DiMeo Schneider & Associates 20 mins
  Discussion and training on divestment strategies 40 minutes
- 8. Adjourn 5 mins

## BURLINGTON RETIREMENT BOARD REMOTE MEETING WITH CALL-IN BURLINGTON, VERMONT MINUTES OF MEETING

DRAFT

**December 10, 2020** 

**MEMBERS PRESENT:** Robert Hooper, Chairperson

Munir Kasti, Vice-Chairperson

Benjamin O'Brien Daniel Gilligan Patrick Robins David Mount Matthew Dow Katherine Schad

OTHERS PRESENT: Rich Goodwin

Justin St. James Bob Rusten Arthur Meizner Rodger Metzger Pamela Minish

#### 1.0 CALL TO ORDER

Robert Hooper called the Retirement Board meeting to order at 8:31 AM.

MOTION by Munir Kasti, SECOND by Dan Gilligan, to approve the agenda as written.

**VOTING: unanimous; motion carries.** 

#### 2.0 PUBLIC FORUM (VERBAL)

2.01 Verbal Comments None at this time.

## 3.0 REVIEW RFP PROCESS AND RECOMMEND FINAL INTERVIEW \*\*EXECUTIVE SESSION ANTICIPATED\*\*

3.01 Review RFP Process and Recommend Final Interview

Mr. Hooper noted that the RFP working group has selected a number of candidates for discussion based on their bids.

MOTION by David Mount, SECOND by Daniel Gilligan, to find that premature general public knowledge would clearly place the public body or person involved at a substantial disadvantage.

**VOTING:** unanimous; motion carries.

MOTION by David Mount, SECOND by Patrick Robins, that, based on that finding, the Retirement Board enter into executive session to discuss issues related to the contract negotiations.

**VOTING:** unanimous; motion carries.

The Retirement Board entered into executive session at 8:36 AM.

The Retirement Board exited executive session at 11:45 AM.

Interviews will be conducted on December 17<sup>th</sup>. A Retirement Board meeting will also be scheduled for discussions with the actuary on December 18<sup>th</sup>.

#### 4.0 ADJOURN

4.01 Motion to Adjourn at 12:07 PM

MOTION by Benjamin O'Brien, SECOND by Daniel Gilligan, to adjourn the meeting.

**VOTING:** unanimous; motion carries.

RScty: AACoonradt

## BURLINGTON RETIREMENT BOARD REMOTE MEETING WITH CALL-IN BURLINGTON, VERMONT MINUTES OF MEETING

DRAFT

**December 18, 2020** 

**MEMBERS PRESENT:** Robert Hooper, Chairperson

Munir Kasti, Vice-Chairperson

Benjamin O'Brien Daniel Gilligan Patrick Robins David Mount Matthew Dow Katherine Schad

OTHERS PRESENT: Rich Goodwin

Justin St. James Steve Lemanski Rob Lessard

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#### 1.0 CALL TO ORDER

Robert Hooper called the Retirement Board meeting to order at 8:31 AM.

MOTION by Munir Kasti, SECOND by Dan Gilligan, to approve the agenda as written.

**VOTING: unanimous; motion carries.** 

#### 2.0 PUBLIC FORUM (VERBAL)

2.01 Verbal Comments None at this time.

#### 3.0 MINUTES

3.01 Approve Minutes None at this time.

## 4.0 APPROVE NO COLA INCREASES EFFECTIVE JANUARY 1, 2021 FOR RETIREES ELECTING HALF-COLA AND FULL COLA OPTIONS

#### 4.01 Approve No Cola Increases

MOTION by Katherine Schad, SECOND by Dan Gilligan, to approve no COLA increases effective January 1, 2021, for retirees electing half-COLA and full COLA options.

**VOTING:** 7 ayes, 1 nay (Ben O'Brien); motion carries.

#### 5.0 APPROVE RETIREMENT APPLICATIONS

5.01 Approve Retirement Appli	cations
Richard Roberts	\$6,767.20
Richard Stergas	\$3,167.29
Steven Bruno	\$335.73
Aaron Colletter	\$8,851.65
Robert Devost	\$1,437.52
Gayla McMullen	\$116.58
Robert Slater	\$5,097.65
Lawrence Tucker	\$3,389.62
Margaret Weaver	\$1,404.01
Total	\$30,567.25

MOTION by Dan Gilligan, SECOND by Patrick Robins, to approve the retirement applications above.

**VOTING:** unanimous; motion carries.

#### 6.0 APPROVE CASH-OUT/ROLL-FORWARD

6.01 Approve Cash-Out/Roll-Forwards Stephanie Beck \$804.58 Lucas Dimauro \$17,664.69 Michelle Desjardins \$6,342.44 Robert Lestage \$18,629.49 Nicholas Marinelli \$3,356.92 Ralph Warren Runnals \$3,012.09 \$7,385.55 Gretchen Schimelpfenig \$57,195.76 Total

MOTION by Munir Kasti, SECOND by Dan Gilligan, to approve the cash-outs/roll-forwards above.

**VOTING: unanimous; motion carries.** 

#### 7.0 ACTUARY VALUATION REPORT

#### 7.01 Actuary Valuation Report

MOTION by Ben O'Brien, SECOND by Patrick Robins, to accept and approve communications.

**VOTING: unanimous; motion carries.** 

#### 8.0 PRESENTATION

8.01 Presentation

MOTION by Ben O'Brien, SECOND by Patrick Robins, to accept and approve communications.

**VOTING:** unanimous; motion carries.

#### 9.0 DIRECT RATE SMOOTHING

9.01 Direct Rate Smoothing

MOTION by Ben O'Brien, SECOND by Patrick Robins, to accept and approve communications.

VOTING: unanimous; motion carries.

#### 10.0 ALTERNATIVE FUNDING

10.01 Alternative Funding

MOTION by Ben O'Brien, SECOND by Patrick Robins, to accept and approve communications.

**VOTING: unanimous; motion carries.** 

#### 11.0 SCHEDULE FUTURE RETIREMENT MEETINGS

11.01 Schedule Future Retirement Board Meetings

The next Retirement Board meeting will be held on January 21, 2021 from 8:30 AM – 10:30 AM, and all future meetings will occur on the third Thursday of the month from 8:30 AM – 10:30 AM.

#### 12.0 ADJOURN

12.01 Motion to Adjourn

MOTION by Munir Kasti, SECOND by Dan Gilligan, to adjourn the meeting.

VOTING: unanimous; motion carries.

RScty: AACoonradt

## BURLINGTON RETIREMENT BOARD REMOTE MEETING WITH CALL-IN BURLINGTON, VERMONT MINUTES OF MEETING

DRAFT

**December 23, 2020** 

**MEMBERS PRESENT:** Robert Hooper, Chairperson

Munir Kasti, Vice-Chairperson

Benjamin O'Brien Daniel Gilligan Patrick Robins David Mount Matthew Dow Katherine Schad

OTHERS PRESENT: Rich Goodwin

Justin St. James Bob Rusten Arthur Meizner Rodger Metzger Pamela Minish

#### 1.0 CALL TO ORDER

Robert Hooper called the Retirement Board meeting to order at 8:31 AM.

#### 2.0 PUBLIC FORUM (VERBAL)

2.01 Verbal Comments None at this time.

## 3.0 DECISION ON FINANCIAL ADVISOR FOR THE RETIREMENT BOARD \*\*EXPECTED EXECUTIVE SESSION\*\*

3.01 Decision on Financial Advisor for the Retirement Board RFP Process and Recommend Final Interview

MOTION by Dan Gilligan, SECOND by David Mount, to find that premature general public knowledge would clearly place the public body or person involved at a substantial disadvantage at 8:40 AM.

**VOTING: Unanimously approved.** 

MOTION by Dan Gilligan, SECOND by David Mount, that, based on the finding, the Retirement Board enter into executive session.

**VOTING:** Unanimously approved.

MOTION by David Mount, SECOND by Munir Kasti, to exit executive session.

**VOTING:** unanimous; motion carries.

MOTION by David Mount, SECOND by Katherine Schad, to designate DiMeo Schneider & Associates as the investment advisor for the Retirement Board, pending contract negotiation and execution by the City Attorney's Office.

**VOTING:** unanimous; motion carries.

#### 4.0 ADJOURN

4.01 Motion to Adjourn

MOTION by Daniel Giligan, SECOND by David Mount, to adjourn the meeting.

**VOTING:** unanimous; motion carries.

RScty: AACoonradt



## City of Burlington Employees Retirement Plan

Performance Review December 2020





#### **Economic Statistics**

	Current Quarter	Previous Quarter
GDP*	8.7%	33.4%
Unemployment	6.7%	7.9%
CPI All Items Year/Year	1.4%	1.4%
Fed Funds Rate	0.25%	0.25%
Industrial Capacity	73.3%	71.5%
U.S. Dollars per Euro	1.21	1.17

<sup>\*</sup>Q4 GDP has not been announced. GDPNow forecast is currently used.

#### **Domestic Equity Return Distributions**

#### Quarter

	VAL	COR	GRO
LC	16.3	13.7	11.4
MC	20.4	19.9	19.0
SC	33.4	31.4	29.6

**Trailing Year** 

	VAL	COR	GRO
LC	2.8	21.0	38.5
MC	5.0	17.1	35.6
sc	4.6	19.9	34.6

#### **Major Index Returns**

Index	Quarter	12 Months
Russell 3000	14.7%	20.9%
S&P 500	12.1%	18.4%
Russell Midcap	19.9%	17.1%
Russell 2000	31.4%	19.9%
MSCI EAFE	16.1%	8.3%
MSCI Emg Markets	19.8%	18.7%
NCREIF ODCE	0.0%	-0.1%
U.S. Aggregate	0.7%	7.5%
90 Day T-bills	0.0%	0.3%

#### **Market Summary**

- US recovery continues
- All equity markets rise
- Value outpaces Growth
- Dollar weakened across most foreign currencies
- Fixed income markets rose modestly

#### **INVESTMENT RETURN**

On December 31st, 2020, the City of Burlington Employees Retirement System's portfolio was valued at \$227,735,959, representing an increase of \$26,064,287 from the September quarter's ending value of \$201,671,672. Last quarter, the Fund posted net contributions equaling \$250,093 plus a net investment gain equaling \$25,814,194. Total net investment return was the result of income receipts, which totaled \$315,245 and net realized and unrealized capital gains of \$25,498,949.

#### RELATIVE PERFORMANCE

#### **Total Fund**

For the fourth quarter, the account gained 12.8%, which was equal to the Burlington Manager Shadow Index's return of 12.8%. Over the trailing twelve-month period, the account returned 12.9%, which was 0.7% above the benchmark's 12.2% performance. Since December 2016, the portfolio returned 10.6% per annum, while the Burlington Manager Shadow Index returned an annualized 10.8% over the same period.

#### **Equity**

For the fourth quarter, the equity portion of the portfolio returned 17.6%, which was 2.8% greater than the MSCI All Country World index's return of 14.8%. Over the trailing year, this component returned 17.6%, which was 0.8% above the benchmark's 16.8% return. Since December 2016, this component returned 13.9% per annum, while the MSCI All Country World returned an annualized 14.0% over the same time frame.

#### Real Assets

Data for the Hamilton Lane and Molpus funds were unavailable at the time of this report. A return of 0.0% was assumed for the quarter and the market values were adjusted for any contributions/distributions that occurred during the quarter.

Data for the Cambridge PE, NCREIF-ODCE and NCREIF Timber benchmarks were unavailable at the time of this report. A return of 0.0% was assumed for the quarter.

During the fourth quarter, the real assets segment returned -1.8%, which was 5.1% below the Real Assets Blended Index's return of 3.3%. Over the trailing twelve-month period, this component returned -3.5%, which was 3.0% less than the benchmark's -0.5% return. Since December 2016, this component returned 1.3% annualized, while the Real Assets Blended Index returned an annualized 2.1% over the same period.

#### **Fixed Income**

In the fourth quarter, the fixed income component returned 0.5%, which was equal to the Intermediate Gov/Credit Index's return of 0.5%. Over the trailing twelve-month period, this component returned 7.9%, which was 1.5% greater than the benchmark's 6.4% return. Since December 2016, this component returned 4.4% per annum, while the Intermediate Gov/Credit returned an annualized 4.0% over the same time frame.

#### **ASSET ALLOCATION**

At the end of the fourth quarter, equities comprised 76.0% of the total portfolio (\$173.0 million), while the portfolio's real assets component totaled 7.2% (\$16.4 million) and fixed income comprised the remaining 17.9% (\$40.8 million).

#### **EXECUTIVE SUMMARY**

PERFORMANCE SUMMARY							
	Quarter	FYTD	YTD/1Y	3 Year	5 Year	10 Year	Since 12/16
Total Portfolio - Gross	12.8	19.0	12.9	8.5	10.3	7.6	10.6
Total Portfolio - Net	12.7	18.9	12.7	8.4	10.1	7.3	10.5
Manager Shadow	12.8	19.0	12.2	8.6	10.4	7.5	10.8
<b>Equity - Gross</b>	17.6	26.6	17.6	11.0	13.3		13.9
MSCI AC World	14.8	24.3	16.8	10.6	12.9	9.7	14.0
ACWI Ex US	17.1	24.5	11.1	5.4	9.4	5.4	10.6
MSCI EAFE	16.1	21.8	8.3	4.8	8.0	6.0	9.6
MSCI EM Net	19.7	31.1	18.3	6.2	12.8	3.6	13.2
Russell 3000	14.7	25.2	20.9	14.5	15.4	13.8	16.1
Cambridge PE	0.0	12.7	10.9	11.6	13.2	12.9	13.2
Real Assets - Gross	-1.8	-1.9	-3.5	0.1	1.8		1.3
Real Assets Idx	3.3	6.7	-0.5	1.4	3.2	2.6	2.1
NCREIF ODCE	0.0	0.5	-0.1	4.5	5.9	9.7	5.2
NCREIF Timber	0.0	0.0	0.2	1.6	2.2	4.5	2.1
BLP Commodity	10.2	20.2	-3.1	-2.5	1.0	-6.5	-1.5
Fixed Income - Gross	0.5	1.2	7.9	5.2	3.9		4.4
Int Gov/Credit	0.5	1.1	6.4	4.7	3.6	3.1	4.0
Global Aggregate	3.3	6.0	9.2	4.8	4.8	2.8	5.5
Global Agg Ex US	5.1	9.4	10.1	4.2	4.9	2.0	5.8
Aggregate Index	0.7	1.3	7.5	5.3	4.4	3.8	4.9

ASSET ALLOCATION						
Equity	76.0%	\$ 173,000,192				
Real Assets	7.2%	16,381,603				
Fixed Income	17.9%	40,820,480				
Cash	-1.1%	-2,466,316				
Total Portfolio	100.0%	\$ 227,735,959				

#### INVESTMENT RETURN

 Market Value 9/2020
 \$ 201,671,672

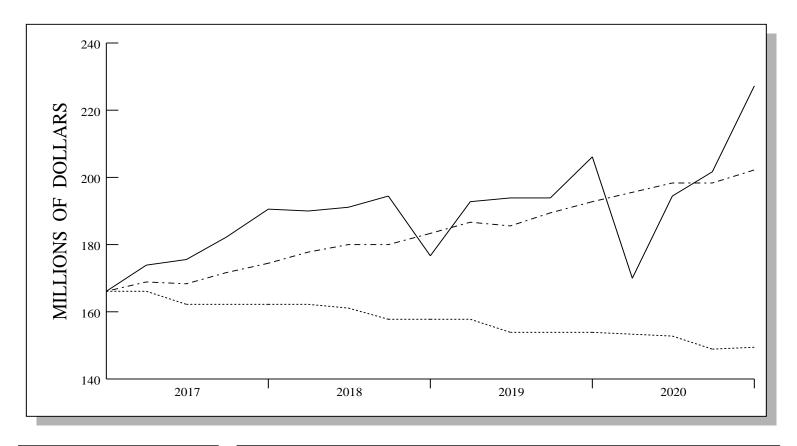
 Contribs / Withdrawals
 250,093

 Income
 315,245

 Capital Gains / Losses
 25,498,949

 Market Value 12/2020
 \$ 227,735,959

#### **INVESTMENT GROWTH**

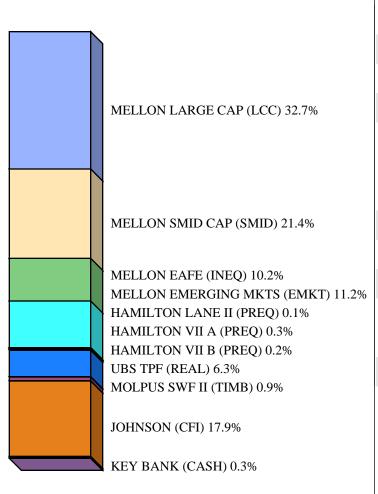


------ ACTUAL RETURN
------ 7.5%
------ 0.0%

VALUE ASSUMING
7.5% RETURN \$ 202,742,920

	LAST QUARTER	PERIOD 12/16 - 12/20
BEGINNING VALUE NET CONTRIBUTIONS INVESTMENT RETURN ENDING VALUE	$\begin{array}{c} \$\ 201,671,672\\ 250,093\\ \underline{25,814,194}\\ \$\ \underline{227,735,959} \end{array}$	\$ 166,411,368 - 16,824,368 <u>78,148,959</u> \$ 227,735,959
INCOME CAPITAL GAINS (LOSSES) INVESTMENT RETURN	315,245 25,498,949 25,814,194	3,037,513 75,111,446 78,148,959

#### MANAGER ALLOCATION AND TARGET SUMMARY



Name	Market Value	Percent	Target
Mellon Large Cap (LCC)	\$74,473,546	32.7	30.0
Mellon Smid Cap (SMID)	\$48,640,021	21.4	18.0
Mellon EAFE (INEQ)	\$23,341,844	10.2	10.0
Mellon Emerging Mkts (EMKT)	\$25,402,453	11.2	10.0
Hamilton Lane II (PREQ)	\$140,103	0.1	0.5
Hamilton VII A (PREQ)	\$608,500	0.3	0.9
Hamilton VII B (PREQ)	\$393,725	0.2	0.6
UBS TPF (REAL)	\$14,275,581	6.3	8.0
Molpus SWF II (TIMB)	\$2,106,022	0.9	2.0
Johnson (CFI)	\$40,820,480	17.9	20.0
Key Bank (CASH)	\$694,009	0.3	0.0
Pooled Cash (CASH)	\$-3,160,325	-1.4	0.0
Total Portfolio	\$227,735,959	100.0	100.0

### INVESTMENT RETURN SUMMARY - ONE QUARTER

Name	Quarter Total Return	Market Value September 30th, 2020	Net Cashflow	Net Investment Return	Market Value December 31st, 2020
Mellon Large Cap (LCC)	12.2	66,404,269	0	8,069,277	74,473,546
Mellon Smid Cap (SMID)	27.4	38,172,091	0	10,467,930	48,640,021
Mellon EAFE (INEQ)	16.1	20,103,892	0	3,237,952	23,341,844
Mellon Emerging Mkts (EMKT)	19.7	21,224,358	0	4,178,095	25,402,453
Hamilton Lane II (PREQ)	0.0	156,014	-15,911	0	140,103
Hamilton VII A (PREQ)	0.0	635,650	-27,150	0	608,500
Hamilton VII B (PREQ)	0.0	411,667	-17,942	0	393,725
UBS TPF (REAL)	-2.1	14,721,856	-136,176	-310,099	14,275,581
Molpus SWF II (TIMB)	0.0	2,602,852	-496,830	0	2,106,022
Johnson (CFI)	0.5	39,539,405	1,110,036	171,039	40,820,480
Key Bank (CASH)		1,082,991	-388,982	0	694,009
Pooled Cash (CASH)		-3,383,373	223,048	0	-3,160,325
Total Portfolio	12.8	201,671,672	250,093	25,814,194	227,735,959

#### MANAGER PERFORMANCE SUMMARY - GROSS OF FEES

Portfolio	(Universe)	Quarter	FYTD	1 Year	3 Years	5 Years	Since Inception
Total Portfolio		12.8	19.0	12.9	8.5	10.3	6.3 12/01
Manager Shadow		12.8	19.0	12.2	8.6	10.4	12/01
Mellon Large Cap		12.2	22.2	18.4	14.2		15.8 03/16
S&P 500		12.1	22.2	18.4	14.2	15.2	15.8 03/16
Mellon Smid Cap		27.4	34.9	20.1	11.4		14.4 03/16
Russell 2500		27.4	34.9	20.0	11.3	13.6	14.3 03/16
Mellon EAFE		16.1	21.8	8.3	4.7		9.0 03/16
MSCI EAFE		16.1	21.8	8.3	4.8	8.0	9.1 03/16
Mellon Emerging Mkts		19.7	31.1	18.2	6.1		12.2 03/16
MSCI EM Net		19.7	31.1	18.3	6.2	12.8	12.2 03/16
Hamilton Lane II		0.0	2.6	-20.5	-2.0	-1.5	7.5 03/09
Cambridge PE		0.0	12.7	10.9	11.6	13.2	14.3 03/09
Hamilton VII A		0.0	8.2	2.3	9.7	9.9	11.8 09/11
Cambridge PE		0.0	12.7	10.9	11.6	13.2	13.3 09/11
Hamilton VII B		0.0	-4.1	-16.4	-6.7	-0.3	3.2 09/11
Cambridge PE		0.0	12.7	10.9	11.6	13.2	13.3 09/11
UBS TPF		-2.1	-2.3	-4.2	0.1		1.9 09/16
NCREIF ODCE		0.0	0.5	-0.1	4.5	5.9	5.4 09/16
Molpus SWF II		0.0	0.7	1.0	0.4	0.3	2.7 03/09
NCREIF Timber		0.0	0.0	0.2	1.6	2.2	3.3 03/09
Johnson		0.5	1.2				4.6 03/20
Aggregate Index		0.7	1.3	7.5	5.3	4.4	4.2 03/20

#### MANAGER PERFORMANCE SUMMARY - NET OF FEES

Name	Quarter	FYTD	1 Year	3 Years	5 Years	Since In	ception
Total Portfolio	12.7	18.9	12.7	8.4	10.1		12/01
Manager Shadow	12.8	19.0	12.2	8.6	10.4		<i>12/01</i>
Mellon Large Cap	12.1	22.1	18.4	14.2		15.7	03/16
S&P 500	12.1	22.2	18.4	14.2	15.2	<i>15.8</i>	03/16
Mellon Smid Cap	27.4	34.9	20.0	11.4		14.4	03/16
Russell 2500	27.4	34.9	20.0	11.3	13.6	<i>14.3</i>	03/16
Mellon EAFE	16.1	21.7	8.3	4.6		8.9	03/16
MSCI EAFE	16.1	21.8	8.3	4.8	8.0	9.1	03/16
Mellon Emerging Mkts	19.7	31.1	18.1	6.1		12.1	03/16
MSCI EM Net	19.7	31.1	18.3	6.2	12.8	12.2	03/16
Hamilton Lane II	0.0	2.0	-20.0	-5.1	-4.7	5.3	03/09
Cambridge PE	0.0	12.7	10.9	11.6	13.2	14.3	03/09
Hamilton VII A	0.0	7.8	1.1	8.3	8.6	10.0	09/11
Cambridge PE	0.0	12.7	10.9	11.6	13.2	13.3	09/11
Hamilton VII B	0.0	-4.5	-17.1	-7.6	-1.4	1.6	09/11
Cambridge PE	0.0	12.7	10.9	11.6	13.2	13.3	09/11
UBS TPF	-2.3	-2.7	-5.1	-0.8		0.9	09/16
NCREIF ODCE	0.0	0.5	-0.1	4.5	5.9	<i>5.4</i>	09/16
Molpus SWF II	0.0	0.4	0.2	-0.6	-0.6	1.9	03/09
NCREIF Timber	0.0	0.0	0.2	1.6	2.2	3.3	03/09

#### MANAGER VALUE ADDED

1 Quarter	Portfolio	Benchmark	1 Year
0.1	Mellon Large Cap	S&P 500	0.0
0.0	Mellon Smid Cap	Russell 2500	0.1
0.0	Mellon EAFE	MSCI EAFE	0.0
0.0	Mellon Emerging Mkts	MSCI EM Net	-0.1
0.0	Hamilton Lane II	Cambridge PE	-31.4
0.0	Hamilton VII A	Cambridge PE	-8.6
0.0	Hamilton VII B	Cambridge PE	-27.3
-2.1	UBS TPF	NCREIF ODCE	<b>-</b> 4.1
0.0	Molpus SWF II	NCREIF Timber	0.8
-0.2	Johnson	Aggregate Index	N/A
0.0	<b>Total Portfolio</b>	Manager Shadow	0.7

## TOTAL PORTFOLIO QUARTERLY PERFORMANCE SUMMARY - 5 YEARS COMPARATIVE BENCHMARK: BURLINGTON MANAGER SHADOW INDEX



<b>Total Quarters Observed</b>	20
Quarters At or Above the Benchmark	9
<b>Quarters Below the Benchmark</b>	11
Batting Average	.450

RATES OF RETURN								
Cumulative								
Date	Portfolio	Bench	Diff	Portfolio	Bench	Diff		
3/16	1.1	1.0	0.1	1.1	1.0	0.1		
6/16	1.8	1.9	-0.1	2.9	2.9	0.0		
9/16	4.1	4.2	-0.1	7.1	7.3	-0.2		
12/16	1.6	1.7	-0.1	8.9	9.1	-0.2		
3/17	4.7	4.8	-0.1	14.0	14.4	-0.4		
6/17	3.0	3.1	-0.1	17.4	17.9	-0.5		
9/17	3.9	4.0	-0.1	22.1	22.6	-0.5		
12/17	4.5	4.5	0.0	27.5	28.2	-0.7		
3/18	-0.3	-0.2	-0.1	27.2	27.9	-0.7		
6/18	1.4	1.4	0.0	28.9	29.6	-0.7		
9/18	3.4	3.5	-0.1	33.3	34.2	-0.9		
12/18	-9.2	-9.2	0.0	21.1	21.8	-0.7		
3/19	9.3	9.4	-0.1	32.4	33.3	-0.9		
6/19	2.5	3.0	-0.5	35.7	37.2	-1.5		
9/19	0.2	0.2	0.0	35.9	37.5	-1.6		
12/19	6.3	6.5	-0.2	44.4	46.4	-2.0		
3/20	-17.2	-17.5	0.3	19.6	20.8	-1.2		
6/20	14.5	14.2	0.3	37.0	37.9	-0.9		
9/20	5.5	5.5	0.0	44.6	45.5	-0.9		
12/20	12.8	12.8	0.0	63.0	64.2	-1.2		

Private Equity Investor Report								
Hamilton Lane Secondary Fund II LP								
IRR Since Inception		13.82% Annualized, Net of Fees						
Market Value	\$	140,103	Last Stater	nent	Date:	9/30/2020		
Capital Commitment	\$	3,400,000	100.00%					
Paid In Capital	\$	2,982,695	87.73%		Fund Lev	el LP Net IRR*		13.4%
Remaining Commitment	\$	417,305	12.27%		MSCI Wor	'ld Index PME*		11.0%
			% of	F	Recallable	% of		
Date	Co	ntributions	Commitment	Dis	stributions	Commitment	D	istributions
Year 2009	\$	518,361	15.25%	\$	(151,904)	-4.47%	\$	-
Year 2010	\$	1,109,828	32.64%	\$	-	-	\$	(87,992)
Year 2011	\$	607,254	17.86%	\$	(115,109)	-3.39%	\$	(361,234)
Year 2012	\$	934,221	27.48%	\$	-	-	\$	(836,516)
Year 2013	\$	97,310	2.86%	\$	(17,266)	-0.51%	\$	(731,867)
Year 2014	\$	-	-	\$	-	-	\$	(1,140,848)
Year 2015	\$	-	-	\$	-	-	\$	(533,140)
Year 2016	\$	-	-	\$	-	-	\$	(197,773)
6/1/2017	\$	-	-	\$	-	-	\$	(44,158)
11/20/2017	\$	-	-	\$	-	-	\$	(45,061)
1/29/2018	\$	-	-	\$	-	-	\$	(38,733)
7/11/2018	\$	-	-	\$	-	-	\$	(34,203)
1/18/2019	\$	-	-	\$	-	-	\$	(43,682)
6/27/2019	\$	-	-	\$	-	-	\$	(19,298)
10/3/2019	\$	-	-	\$	-	-	\$	(20,653)
3/13/2020	\$	-	-	\$	-	-	\$	(13,438)
8/4/2020	\$	-	-	\$	-	-	\$	(10,296)
12/18/2020	\$	-	-	\$	-	-	\$	(15,911)
Total	\$	3,266,974	96.09%	\$	(284,279)	-8.36%	\$	(4,174,803)

<sup>\*</sup>Provided by Hamilton Lane as of 9/30/2020

### Private Equity Investor Report Hamilton Lane Private Equity Fund VII LP Series A Offshore

IRR Since Inception		9.56%	Annualized, N	et of F	ees			
Market Value	\$	608,500	Last States	nent Da	ate:	9/30/2020		
Capital Commitment	\$	1,500,000	100.00%					
Paid In Capital	\$	1,304,825	86.99%	]	Fund Lev	el LP Net IRR*		10.6%
Remaining Commitment	\$	195,175	13.01%	N.	ISCI Wo	rld Index PME*		11.0%
			% of	Rec	allable	% of		
Date	Co	ntributions	Commitment	Distri	butions	Commitment	D	istributions
Year 2011	\$	345,447	23.03%	\$	-	-	\$	_
Year 2012	\$	328,644	21.91%	\$	-	-	\$	(59,935)
3/12/2013	\$	48,750	3.25%	\$	-	-	\$	(27,930)
2/14/2014	\$	61,500	4.10%	\$	-	-	\$	-
5/20/2014	\$	187,500	12.50%	\$	-	-	\$	(151,650)
7/14/2014	\$	50,522	3.37%	\$	-	-	\$	(19,283)
1/6/2015	\$	145,117	9.67%	\$	-	-	\$	(88,738)
12/8/2015	\$	28,179	1.88%	\$	-	-	\$	(51,519)
7/22/2016	\$	75,000	5.00%	\$	-	-	\$	(53,805)
1/25/2017	\$	34,166	2.28%	\$	-	-	\$	(216,102)
6/22/2017	\$	-	-	\$	-	-	\$	(96,706)
8/16/2017	\$	-	-	\$	-	-	\$	(31,846)
9/28/2017	\$	-	-	\$	-	-	\$	(6,487)
11/15/2017	\$	-	-	\$	-	-	\$	(80,964)
3/29/2018	\$	-	-	\$	-	-	\$	(138,746)
6/15/2018	\$	-	-	\$	-	-	\$	(39,985)
3/6/2019	\$	-	-	\$	-	-	\$	(61,159)
6/26/2019	\$	-	-	\$	-	-	\$	(31,022)
9/24/2019	\$	-	-	\$	-	-	\$	(68,022)
12/16/2019	\$	-	-	\$	-	-	\$	(9,391)
3/31/2020	\$	-	-	\$	-	-	\$	(100,439)
9/30/2020	\$	-	-	\$	-	-	\$	(14,223)
12/21/2020	\$	-	-	\$	-	-	\$	(27,150)
Total	\$	1,304,825	86.99%	\$	-	0.00%	\$	(1,375,102)

<sup>\*</sup>Provided by Hamilton Lane as of 9/30/2020

Combined Net IRR is a combination of both series A & B

## Private Equity Investor Report Hamilton Lane Private Equity Fund VII LP Series B Offshore

IRR Since Inception		4.29%	Annualized, N	let of Fee	s			
Market Value	\$	393,725	Last Statement Date: 9/30/2020					
Capital Commitment	\$	1,000,000	100.00%					
Paid In Capital	\$	825,225	82.52%	Fu	ınd Lev	el LP Net IRR*		10.6%
Remaining Commitment	\$	174,775	17.48%	MS	CI Wo	rld Index PME*		11.0%
			% of	Recal	lable	% of		
Date	Co	ntributions	Commitment	Distrib	utions	Commitment	Di	stributions
Year 2011	\$	245,723	24.57%	\$	-	_	\$	-
Year 2012	\$	186,445	18.64%	\$	-	-	\$	(42,542)
1/3/2013	\$	40,000	4.00%	\$	-	-	\$	-
8/12/2013	\$	100,000	10.00%	\$	-	-	\$	(35,860)
2/14/2014	\$	44,000	4.40%	\$	-	-	\$	-
5/20/2014	\$	80,000	8.00%	\$	-	-	\$	(49,323)
7/14/2014	\$	45,512	4.55%	\$	-	-	\$	(3,495)
12/8/2014	\$	16,254	1.63%	\$	-	-	\$	(29,570)
1/20/2015	\$	65,791	6.58%	\$	-	-	\$	(11,610)
8/3/2015	\$	-	-	\$	-	-	\$	(9,735)
3/23/2016	\$	-	-	\$	-	-	\$	(67,664)
7/18/2016	\$	-	-	\$	-	-	\$	(10,836)
1/27/2017	\$	1,500	0.15%	\$	-	-	\$	(64,973)
6/23/2017	\$	-	-	\$	-	-	\$	(43,902)
8/17/2017	\$	-	-	\$	-	-	\$	(15,753)
9/27/2017	\$	-	-	\$	-	-	\$	(5,960)
12/8/2017	\$	-	-	\$	-	-	\$	(20,240)
3/30/2018	\$	-	-	\$	-	-	\$	(18,393)
6/15/2018	\$	-	-	\$	-	-	\$	(11,983)
6/25/2019	\$	-	-	\$	-	-	\$	(42,091)
9/25/2019	\$	-	-	\$	-	-	\$	(21,586)
12/16/2019	\$	-	-	\$	-	-	\$	(52,287)
3/26/2020	\$	-	-	\$	-	-	\$	(16,211)
12/21/2020	\$	<u>-</u>		\$		-	\$	(17,942)
Total	\$	825,225	82.52%	\$	-	-	\$	(591,956)

<sup>\*</sup>Provided by Hamilton Lane as of 9/30/2020 (Net IRR is combined both series A & B)

Combined Net IRR is a combination of both series A & B

Real Estate Investor Report	
<b>UBS Trumbull Property Fund</b>	

 IRR Since Inception
 -1.81%

 Market Value
 \$ 14,275,581 Last Appraisal Date: 12/31/2020 (Unaudited)

 Initial Commitment
 \$ 15,000,000

 Capital Committed
 \$ 14,998,566
 99.99%

 Net Investment Income/(Loss)
 \$ 14,144

			% of	]	Dividends	% of		
Date	Co	ontributions	Commitment	R	Reinvested	Commitment	D	istributions
7/1/2016	\$	14,998,566	99.99%	\$	-	0.00%	\$	-
10/17/2016	\$	-	0.0%	\$	-	0.00%	\$	(111,204)
1/17/2017	\$	-	0.0%	\$	-	0.00%	\$	(110,985)
4/17/2017	\$	-	0.0%	\$	119,327	0.80%	\$	-
7/17/2017	\$	-	0.0%	\$	123,507	0.82%	\$	-
10/16/2017	\$	-	0.0%	\$	123,661	0.82%	\$	-
1/17/2018	\$	-	0.0%	\$	126,836	0.85%	\$	-
4/16/2018	\$	-	0.0%	\$	128,121	0.85%	\$	-
7/17/2018	\$	-	0.0%	\$	132,081	0.88%	\$	-
10/15/2018	\$	-	0.0%	\$	132,582	0.88%	\$	-
1/15/2019	\$	-	0.0%	\$	133,478	0.89%	\$	-
4/15/2019	\$	-	0.0%	\$	141,380	0.94%	\$	-
7/16/2019	\$	-	0.0%	\$	143,138	0.95%	\$	-
1/6/2020	\$	-	0.0%	\$	-	0.00%	\$	(939,538)
1/16/2020	\$	-	0.0%	\$	146,375	0.98%	\$	-
4/16/2020	\$	-	0.0%	\$	126,839	0.85%	\$	-
7/16/2020	\$	-	0.0%	\$	80,943	0.54%		
10/16/2020	\$	-	0.0%	\$	132,926	0.89%	\$	(136,176)
Total	\$	14,998,566	99.99%	\$	1,791,194	11.94%	\$	(1,297,903)

### Timber Investor Report Molpus Sustainable Woodlands Fund II, LP

IRR Since Inception	1.40%	Annualized, Net of Fees	
Market Value	\$ 2,106,022	Last Statement Date:	9/30/2020
Capital Commitment	\$ 3,400,000	100.00%	
Paid In Capital	\$ 3,400,000	100.00%	
Remaining Commitment	\$ -	0.00%	
Net Investment Income/(Loss)	\$ (175,617)		
Net Unrealized Gain/(Loss)	\$ 551,521		

			% of	R	ecallable	% of		
Date	Co	ntributions	Commitment	Dis	tributions	Commitment	D	istributions
Year 2009	\$	3,400,000	100.00%	\$	-	-	\$	-
Year 2010	\$	-	-	\$	-	-	\$	(115,144)
6/30/2011	\$	-	-	\$	-	-	\$	(19,109)
12/31/2011	\$	-	-	\$	-	-	\$	(38,218)
12/31/2012	\$	-	-	\$	-	-	\$	(47,772)
6/25/2013	\$	-	-	\$	-	-	\$	(76,435)
12/31/2013	\$	-	-	\$	-	-	\$	(114,653)
3/31/2014	\$	-	-	\$	-	-	\$	(47,772)
9/30/2014	\$	-	-	\$	-	-	\$	(47,772)
12/31/2014	\$	-	-	\$	-	-	\$	(28,663)
3/31/2015	\$	-	-	\$	-	-	\$	(38,218)
9/30/2015	\$	-	-	\$	-	-	\$	(47,772)
12/31/2015	\$	-	-	\$	-	-	\$	(47,772)
6/30/2016	\$	-	-	\$	-	-	\$	(28,663)
9/30/2016	\$	-	-	\$	-	-	\$	(76,435)
12/31/2016	\$	-	-	\$	-	-	\$	(95,544)
6/30/2017	\$	-	-	\$	-	-	\$	(38,218)
9/29/2017	\$	-	-	\$	-	-	\$	(38,218)
12/29/2017	\$	-	-	\$	-	-	\$	(57,327)
12/28/2018	\$	-	-	\$	-	-	\$	(76,435)
6/30/2019	\$	-	-	\$	-	-	\$	(57,327)
12/31/2019	\$	-	-	\$	-	-	\$	(95,544)
9/30/2020	\$	-	-	\$	-	-	\$	(47,772)
12/31/2020	\$	-	-	\$	-	-	\$	(496,830)
Total	\$	3,400,000	100.00%	\$	-	-	\$	(1,777,613)

#### **APPENDIX - MAJOR MARKET INDEX RETURNS**

Equity	Style	QTR	FYTD	1 Year	3 years	5 Years
Russell 3000	Broad Equity	14.7	25.2	20.9	14.5	15.4
S&P 500	Large Cap Core	12.1	22.2	18.4	14.2	15.2
Russell 1000	Large Cap Core	13.7	24.5	21.0	14.8	15.6
Russell 1000 Growth	Large Cap Growth	11.4	26.1	38.5	23.0	21.0
Russell 1000 Value	Large Cap Value	16.3	22.8	2.8	6.1	9.7
Russell 2000	Small Cap	31.4	37.9	19.9	10.2	13.2
Russell 2000 Growth	Small Cap Growth	29.6	38.9	34.6	16.2	16.3
Russell 2000 Value	Small Cap Value	33.4	36.8	4.6	3.7	9.6
MSCI EAFE	Developed Markets	16.1	21.8	8.3	4.8	8.0
MSCI EAFE Growth	Developed Markets Growth	13.1	22.7	18.7	10.1	10.9
MSCI EAFE Value	Developed Markets Value	19.3	20.8	-2.1	-0.6	4.8
MSCI Emerging Markets	Emerging Markets	19.8	31.4	18.7	6.6	13.2
MSCI All Country World	Global Equity	14.8	24.3	16.8	10.6	12.9
MSCI All Country World Ex US	Global Equity (ex. US)	17.1	24.5	11.1	5.4	9.4
Fixed Income	Style	QTR	FYTD	1 Year	3 years	5 Years
Bloomberg Barclays Aggregate Index	Core Fixed Income	0.7	1.3	7.5	5.3	4.4
Bloomberg Barclays Gov/Credit	Gov/Credit	0.8	1.6	8.9	6.0	5.0
Bloomberg Barclays Capital Gov't Bond	Treasuries	-0.8	-0.6	7.9	5.2	3.8
Bloomberg Barclays Capital Credit Bond	Corporate Bonds	2.8	4.3	9.4	6.8	6.4
Intermediate Aggregate	Core Intermediate	0.4	0.9	5.6	4.4	3.5
Intermediate Gov/Credit	Gov / Credit Intermediate	0.5	1.1	6.4	4.7	3.6
ML/BoA 1-3 Year Treasury	<b>Short Term Treasuries</b>	0.1	0.2	3.1	2.7	1.9
Bloomberg Barclays Capital High Yield	High Yield Bonds	6.5	11.3	7.1	6.2	8.6
Bloomberg Barclays Global Treasury Ex US	<b>International Treasuries</b>	5.2	9.2	10.1	4.7	5.0
Bloomberg Barclays Global Government Bond	International Fixed Income	3.5	6.4	9.7	4.8	4.7
Bloomberg Barclays Global Aggregate	International Fixed Income	3.3	6.0	9.2	4.8	4.8
Bloomberg Barclays Global Aggregate Ex US	International Fixed Income	5.1	9.4	10.1	4.2	4.9
Alternative Assets	Style	QTR	FYTD	1 Year	3 years	5 Years
MSCI US REIT Index	REITs	11.5	13.3	-8.6	2.7	4.3
NCREIF NFI-ODCE Index	Real Estate	0.0	0.5	-0.1	4.5	5.9
NCREIF Timber Index	Timber	0.0	0.0	0.2	1.6	2.2
Bloomberg Commodity Index	Commodities	10.2	20.2	-3.1	-2.5	1.0
HFRI FOF Composite	Hedge Funds	3.7	8.0	6.3	3.4	3.7
ITAL FOR Composite	Heage Funds	3.1	6.0	0.3	3.4	3.7

#### **APPENDIX - DISCLOSURES**

- \* The Burlington Manager Shadow index is the weighted average of each manager portfolio's beginning value multiplied by its current quarter benchmark return.
- \* The Real Assets Blended Index is comprised of equal parts:

  NCREIF ODCE

  NCREIF Timber

  Bloomberg Commodities (Formerly known as Dow Jones UBS Commodities)
- \* All values for the Pooled Cash account since June 2012 are subject to change. Audited statements are not provided for this account.
- \* Dahab Associates utilizes data provided by a custodian and other vendors it believes are reliable. However, it cannot assume responsibility for errors and omissions therefrom.
- \* All returns were calculated on a time-weighted basis, and are gross of fees unless otherwise noted.
- \* All returns for periods greater than one year are annualized.
- \* Dahab Associates uses the modified duration measure to present average duration.
- \* All values are in US dollars.

### Form A

#### Burlington Employees' Retirement System, Class B - Other

**Clark Sweeney** 

IMPORTANT: City of Burlington reserves the right to correct any errors in the Calculation of Pension Benefit and Options. If it is determined at any time that the information provided in this Pension Distribution Kit conflicts with the terms of the Plan, the terms of the Plan will govern. Under the law, a plan must be operated in accordance with its terms and errors must be corrected.

#### **Type of Calculation**

Vested - Regular Retirement

#### Information Used in Benefit Determination

Participant Name:	Clark Sweenev	Class:	В
Date of Birth:		Department:	Other
Date of Hire:	03/16/1998	Vesting Percentage:	35.0000%
Date of Termination:	12/12/2001	Normal Retirement Date (NRD):	01/21/2021
Beneficiary Date of Birth:		Payment Start Date:	02/01/2021
,		Employee Contribution Balance w/	
		Interest as of 02/01/2021:	N/A

#### **Earnings**

Average Final Compensation\*:

\$29,382.27

#### **Determination of Benefit Amount**

DC	community of Defect Parisons.			
(1)	Years of Creditable Service (CS)			3.75000
(2)	Years of CS on or prior to $06/30/2006$ ((2) + (3) is not to exceed 25 years]			3.75000
(3)	Years of CS after 06/30/2006 [(2) + (3) is not to exceed 25 years]			0.00000
COL	A Option	Full COLA	Half COLA	No COLA
(4)	Accrual Rate on or prior to 06/30/2006 (not to exceed 25 years)	1.600%	1.800%	2.000%
(5)	Accrual Rate after 06/30/2006 (not to exceed 25 years)	1.600%	1.800%	2.000%
(6)	Retirement Accrual Percentage = $[(2) \times (4)] + [(3) \times (5)]$	6.0000%	7.1250%	8.2500%
(7)	Monthly Vested Benefit Payable at Payment Start Date			
	= (6) x Average Final Compensation/12 x Vesting Percentage	\$51.42	\$61.06	\$70.70
(8)	Early Retirement Reduction Factor	1.0000	1.0000	1.0000
(9)	Monthly Vested Benefit Payable at Payment Start Date (7) x (8)	\$51.42	\$61.06	\$70.70

#### **Benefit Options Available**

		Full CC	DLA	Half Co	DLA	No CO	LA
Form of Payment	<u>Option</u>	<u>Initial</u>	Survivor's	<u>Initial</u>	Survivor's	Initial	Survivor's
	<u>Factor</u>	<u>Benefit</u>	Benefit (1)	<u>Benefit</u>	Benefit (1)	<u>Benefit</u>	Benefit (1)
Straight Life Annuity	1.0941	\$56.26	**	\$66.81	**	\$77.35	**
10 Year Certain & Life Annuity	1.0000	\$51.42	\$51.42	\$61.06	\$61.06	\$70.70	\$70.70
100% Joint & Survivor Annuity	0.8641	\$44.43	\$44.43	\$52.76	\$52.76	\$61.09	\$61.09
50% Joint & Survivor Annuity	0.9657	\$49.66	\$24.83	\$58.97	\$29.49	\$68.28	\$34.14
100% Joint & Survivor Pop-Up Annuity	0.8502	\$43.72	\$43.72	\$51.91	\$51.91	\$60.11	\$60.11
50% Joint & Survivor Pop-Up Annuity	0.9610	\$49.42	\$24.71	\$58.68	\$29.34	\$67.94	\$33.97
Return of Employee Contributions	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<sup>(1)</sup> Survivor Benefits: for the Joint & Survivor Annuity payments, the survivor's benefit is only payable if the chosen survivor is alive upon the participant's death. If the chosen survivor is not alive, then no additional benefit is payable upon participant death. The choice of survivor may not be changed after benefit payments have commenced.

<sup>\*</sup> Average is of the three highest years of base earnings

<sup>\*\*</sup>Amount in excess (if any) of accumulated employee contributions, with interest, over payments made

#### Form A

#### Burlington Employees' Retirement System, Class B - Other

Cynthia O'Hara

IMPORTANT: City of Burlington reserves the right to correct any errors in the Calculation of Pension Benefit and Options. If it is determined at any time that the information provided in this Pension Distribution Kit conflicts with the terms of the Plan, the terms of the Plan will govern. Under the law, a plan must be operated in accordance with its terms and errors must be corrected.

#### Type of Calculation

Vested - Regular Retirement

#### **Information Used in Benefit Determination**

Participant Name:	Cynthia O'Hara	Class:	В
Date of Birth:		Department:	Other
Date of Hire:	01/28/1991	Vesting Percentage:	71.6667%
Date of Termination:	08/21/1996	Normal Retirement Date (NRD):	11/24/2020
Beneficiary Date of Birth:		Payment Start Date:	12/01/2020
		Employee Contribution Balance w/	
		Interest as of 12/01/2020:	N/A
Earnings			
Average Final Compensation*:	\$30,229.93		
<b>Determination of Benefit Amount</b>			
(1) Years of Creditable Service (CS)			5.58333
(2) Years of CS on or prior to 06/30/200	5.58333		
(3) Years of CS after 06/30/2006 [(2)	0.00000		
(4) Years of CS in excess of 25 years			N/A
COLA Option			Full COLA
(5) Accrual Rate on or prior to 06/30	/2006 (not to excee	ed 25 years)	1.200%
(6) Accrual Rate after 06/30/2006 (r			1.200%
(7) Accrual Rate in excess of 25 year	S		0.500%
(8) Retirement Accrual Percentage =	:		
$[(2) \times (5)] + [(3) \times (6)] + [(4) \times (7)]$			6.7000%
(9) Monthly Vested Benefit Payable	at Payment Start Da	te	
= (8) x Average Final Compensati	on/12 x Vesting Per	centage	\$120.96
(10) Early Retirement Reduction Factor	or		1.0000
(11) Monthly Vested Benefit Payable	at Payment Start Da	ite (9) x (10)	\$120.96

#### **Benefit Options Available**

		i un c		
Form of Payment	<u>Option</u>	<u>Initial</u>	Survivor's	
	<u>Factor</u>	<u>Benefit</u>	Benefit (1)	
Straight Life Annuity	1.0941	\$132.34	**	
10 Year Certain & Life Annuity	1.0000	\$120.96	\$120.96	
100% Joint & Survivor Annuity	0.9074	\$109.76	\$109.76	
50% Joint & Survivor Annuity	0.9920	\$119.99	\$60.00	
100% Joint & Survivor Pop-Up Annuity	0.8911	\$107.79	\$107.79	
50% Joint & Survivor Pop-Up Annuity	0.9897	\$119.71	\$59.86	
Return of Employee Contributions	N/A	N/A	N/A	

<sup>(1)</sup> **Survivor Benefits**: for the Joint and Survivor Annuity payments, the survivor's benefit is only payable if the chosen survivor is alive upon the participant's death. If the chosen survivor is not alive, then no additional benefit is payable upon participant death. The choice of survivor may not be changed after benefit payments have commenced.

Full COLA

<sup>\*</sup> Average is of the three highest years of base earnings

<sup>\*\*</sup>Amount in excess (if any) of accumulated employee contributions, with interest, over payments made

### Form A

#### Burlington Employees' Retirement System, Class B - School

Jeanne E. Hulsen

IMPORTANT: City of Burlington reserves the right to correct any errors in the Calculation of Pension Benefit and Options. If it is determined at any time that the information provided in this Pension Distribution Kit conflicts with the terms of the Plan, the terms of the Plan will govern. Under the law, a plan must be operated in accordance with its terms and errors must be corrected.

#### Type of Calculation

Vested - Early Retirement

#### Information Used in Benefit Determination

Participant Name:	Jeanne E Hulsen	Class:			В
Date of Birth:		Department:			School
Date of Hire:	08/01/1998	Vesting Percentage:			100.0000%
Date of Termination:	06/30/2020	Normal Retirement	Date (NRD):		10/01/2025
Beneficiary Date of Birth:	N/A	Payment Start Date:			01/01/2021
		Employee Contribut	ion Balance w/		
		Interest as of 01/01/	<sup>′</sup> 2021;		\$33,423.41
Earnings					
Average Final Compensation*:	\$68,132.15				
(1) Years of Creditable Service (CS)					21.91667
(2) Years of CS on or prior to 06/30/2	2006 [(2) + (3)] is not to 6	exceed 25 years]			7.91667
(3) Years of CS after 06/30/2006 [(2	(2) + (3) is not to exceed	l 25 years]			14.00000
COLA Option			Full COLA	Half COLA	No COLA
(4) Accrual Rate on or prior to 06/3	0/2006 (not to exceed	25 years)	1.600%	1.800%	2.000%
(5) Accrual Rate after 06/30/2006 (	not to exceed 25 years	s)	1.600%	1.800%	2.000%
(6) Retirement Accrual Percentage	<u></u>				
$[(2) \times (4)] + [(3) \times (5)]$			35.0667%	40.2417%	45.4167%
(7) Monthly Vested Benefit Payable	at NRD				
= (6) x Average Final Compensa	tion/12 x Vesting Perce	ntage	\$1,990.97	\$2,284.79	\$2,578.61
(8) Early Retirement Reduction Fac	tor		0.9050	0.9050	0.9050
(9) Monthly Vested Benefit Payable	e at Payment Start Date	e (7) x (8)	\$1,801.83	\$2,067.74	\$2,333.64

#### **Benefit Options Available**

_		Full C	OLA	Half C	OLA	No CC	DLA
Form of Payment	<u>Option</u>	<u>Initial</u>	Survivor's	<u>Initial</u>	Survivor's	Initial	Survivor's
	<u>Factor</u>	<u>Benefit</u>	Benefit (1)	<u>Benefit</u>	Benefit (1)	Benefit	Benefit (1)
Straight Life Annuity	1.0516	\$1,894.80	**	\$2,174.44	**	\$2,454.06	**
10 Year Certain & Life Annuity	1.0000	\$1,801.83	\$1,801.83	\$2,067.74	\$2,067.74	\$2,333,64	\$2,333,64
100% Joint & Survivor Annuity	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50% Joint & Survivor Annuity	· N/A	N/A	N/A	N/A	N/A	N/A	N/A
100% Joint & Survivor Pop-Up Annuity	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50% Joint & Survivor Pop-Up Annuity	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Return of Employee Contributions	N/A	\$33,423.41	N/A	\$33,423.41	N/A	\$33,423.41	N/A

<sup>(1)</sup> Survivor Benefits: for the Joint & Survivor Annuity payments, the survivor's benefit is only payable if the chosen survivor is alive upon the participant's death. If the chosen survivor is not alive, then no additional benefit is payable upon participant death. The choice of survivor may not be changed after benefit payments have commenced.

<sup>\*</sup> Average is of the three highest years of base earnings

<sup>\*\*</sup>Amount in excess (if any) of accumulated employee contributions, with interest, over payments made

#### Form A

#### Burlington Employees' Retirement System, Class B - Other

**William Benway** 

IMPORTANT: City of Burlington reserves the right to correct any errors in the Calculation of Pension Benefit and Options. If it is determined at any time that the information provided in this Pension Distribution Kit conflicts with the terms of the Plan, the terms of the Plan will govern. Under the law, a plan must be operated in accordance with its terms and errors must be corrected.

#### **Type of Calculation**

Vested - Late Retirement

#### **Information Used in Benefit Determination**

Participant Name:	William Benway	Class:	В
Date of Birth:		Department:	Other
Date of Hire:	05/18/1972	Vesting Percentage:	25%
Date of Termination:	10/08/1979	Normal Retirement Date (NRD):	10/31/2018
Beneficiary Date of Birth:		Payment Start Date:	12/01/2020
		Employee Contribution Balance w/	
		Interest as of 12/01/2020:	N/A
Earnings			
Average Final Compensation:	\$9,588.20		
<b>Determination of Benefit Amou</b>	nt		
(1) Years of Creditable Service (CS	5)		5.41667
(2) Projected Years of CS to NRD	44.41670		
(3) Projected Years of CS to NRD	not to exceed 25 years)		25.00000
(4) Projected Years of CS in exces	s of 25 years		19.41667
COLA Option			Full COLA
•	)		
(5) Accrual Rate (not to exceed 2			1.200%
(6) Accrual Rate in excess of 25 y		. [(4) (6)]	0.500%
(7) Projected Retirement Accrua			39.7084%
(8) Projected Monthly Vested Be	•		ć70.22
= (7) x Final Average Earning	•		\$79.32
(9) Monthly Vested Benefit Paya	ble at NRD (or payment	start date if later)	ć0.67
$= (1) / (2) \times (8)$			\$9.67
(10) Late Retirement Adjustment		(0) (40)	1.269596
(11) Monthly Vested Benefit Paya	ble at Payment Start Da	te = (9) x (10)	\$12.28

#### **Benefit Options Available**

		Tull COLIT		
<u>Form of Payment</u>	<u>Option</u>	<u>Initial</u>	Survivor's	_
	<u>Factor</u>	<u>Benefit</u>	Benefit (1)	
Straight Life Annuity	1.0000	\$12.28	**	
10 Year Certain & Life Annuity	0.8908	\$10.94	\$10.94	
100% Joint & Survivor Annuity	0.8181	\$10.05	\$10.05	
50% Joint & Survivor Annuity	0.8908	\$10.94	\$5.47	
100% Joint & Survivor Pop-Up Annuity	0.8004	\$9.83	\$9.83	
50% Joint & Survivor Pop-Up Annuity	0.8908	\$10.94	\$5.47	
Return of Employee Contributions	N/A	N/A	N/A	

<sup>(1)</sup> **Survivor Benefits**: for the Joint and Survivor Annuity payments, the survivor's benefit is only payable if the chosen survivor is alive upon the participant's death. If the chosen survivor is not alive, then no additional benefit is payable upon participant death. The choice of survivor may not be changed after benefit payments have commenced.

Full COLA

#### Form A

#### Burlington Employees' Retirement System, Class A - Police Union

**Gregory Short** 

IMPORTANT: City of Burlington reserves the right to correct any errors in the Calculation of Pension Benefit and Options. If it is determined at any time that the information provided in this Pension Distribution Kit conflicts with the terms of the Plan, the terms of the Plan will govern. Under the law, a plan must be operated in accordance with its terms and errors must be corrected.

#### Type of Calculation

Vested - Early Retirement

#### Information Used in Benefit Determination

Participant Name:	Gr	egory Short	Class:	Α	
Date of Birth:			Department:	Police Union	
Date of Hire:	1	01/21/2014	Vesting Percentage:	100.0000%	
Date of Termination:		10/20/2020	Normal Retirement Date (NRD):	11/23/2044	
Beneficiary Date of Birth	:		Payment Start Date:	01/01/2021	
			Employee Contribution Balance w/		
			Interest as of 01/01/2021:	\$45,957.95	
Earnings					
Average Final Compensa	ation*:	\$57,275.23			
Determination of Ben	efit Amount				
(1) Years of Creditable	Service (CS)			6.75000	
(2) Years of CS on or pr	0.00000				
(3) Years of CS after Ju	6.75000				
(4) Years of CS in exces	ss of 20 years			0.0000.0	
COLA Option				Full COLA	
(5) Accrual Rate on o	r prior to June 30, 200	6 (not to exce	eed 20 years)	2.500%	
* *	June 30, 2006 (not to			2.500%	
(7) Accrual Rate in ex	cess of 20 years			5.000%	
(8) Retirement Accru	al Percentage =				
$[(2) \times (5)] + [(3) \times (6)]$	(6)] + [(4) x (7)]			16.8750%	
(9) Monthly Vested B	enefit Payable at NRD				
= (8) x Average Fi	nal Compensation/12	x Vesting Per	centage	\$805.43	
(10) Early Retirement	Reduction Factor			1.0000	
•	· · · · · · · · · · · · · · · · · · ·				

#### Benefit Options – payable at Normal Retirement Date

		Full C	OLA
Form of Payment	<u>Option</u>	<u>Initial</u>	<u>Survivor's</u>
	<u>Factor</u>	<u>Benefit</u>	Benefit (1)
Straight Life Annuity	1.0107	\$814.05	**
5 Year Certain & Life Annuity	1.0000	\$805.43	\$805.43
100% Joint & Survivor Annuity	0.8678	\$698.95	\$698.95
50% Joint & Survivor Annuity	0.9339	\$752.19	\$376.10
100% Joint & Survivor Pop-Up Annuity	0.8564	\$689.77	\$689.77
50% Joint & Survivor Pop-Up Annuity	0.9276	\$747.12	\$373.56

#### Benefit Options - payable at Payment Start Date

Return of Employee Contributions (100% taxable)

N/A \$45,957.95 N/A

<sup>(1)</sup> Survivor Benefits: for the Joint and Survivor Annuity payments, the survivor's benefit is only payable if the chosen survivor is alive upon the participant's death. If the chosen survivor is not alive, then no additional benefit is payable upon participant death. The choice of survivor may not be changed after benefit payments have commenced.

<sup>\*</sup> Average is of the three highest years of base earnings

<sup>\*\*</sup>Amount in excess (if any) of accumulated employee contributions, with interest, over payments made

### **Calculation of Return of Employee Contributions**

#### Form A

#### **Burlington Employees' Retirement System**

**Jessica Brooks** 

IMPORTANT: City of Burlington reserves the right to correct any errors in the Calculation of Pension Benefit and Options. If it is determined at any time that the information provided in this Pension Distribution Kit conflicts with the terms of the Plan, the terms of the Plan will govern. Under the law, a plan must be operated in accordance with its terms and errors must be corrected. As a Plan participant, you may have made post-tax contributions to the Plan. As a result, a portion of your benefit may be non-taxable. **Consult with your tax advisor if you have any questions.** 

#### Information Used in Determination

Participant Name:	Jessica Brooks	Class:	В
Date of Birth:		Department:	School
Date of Hire:	01/15/2018	Post-Tax Employee Contributions:	\$0.00
Date of Termination:	06/30/2019	Normal Retirement Date (NRD):	08/06/2051
Beneficiary Date of Birth:		Payment Start Date:	02/01/2021
		Vesting Percentage:	0.0000%

#### **Determination of Employee Contribution Balance with Interest**

			<u>Baiance at</u>
Period Ending	<u>Description</u>	<u>Transaction</u>	End of Period
06/30/2018	Contributions	\$1,126.80	\$1,126.80
06/30/2018	Interest at 2%	\$0.00	\$1,126.80
06/30/2019	Contributions	\$2,535.27	\$3,662.07
06/30/2019	Interest at 2%	\$22.54	\$3,684.61
06/30/2020	Interest at 2%	\$73.69	\$3,758.30
01/31/2021	Interest at 2%	\$43.67	\$3,801.97

(1) Pre-Tax Employee Contributions (Taxable): \$3,662.07

(2) Interest Accrued on Employee Contributions (5.5% through 12/31/2017, 2% thereafter): \$139.90

3) Total Return of Employee Contributions with Interest:

\$3,801.97

Palanco at

#### **Determination of Taxable Portion of Benefit**

<u>Form of Payment</u>	<u>Total Benefit</u>	Taxable Portion	Non-Taxable Portion
Return of Contributions	\$3,801,97	\$3.801.97	0.00

## Helping Clients Prosper.





## City of Burlington Employees Retirement System

January 2021

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## DIMEO SCHNEIDER & ASSOCIATES, L.L.C.

### Introduction

The purpose of this report is to the provide BERS Board with background on the City of Burlington's fossil fuel initiative over the years and the fossil fuel divestment resolution passed by the City Council in November 2020.

BERS is tasked with providing the City Council an *analysis of the pension portfolio's fossil fuel investments* as well as establishing a *timeline by which the divestment from fossil fuels will be completed* in addition to annual reporting requirements relating to fossil fuel divestment related initiatives.

DiMeo Schneider is prepared to assist BERS in preparing and delivering these reporting requirements to the City Council.



## Resolution Relating To Divestment of City Funds, Including Retirement, From Fossil Fuel Investments

#### **Background:**

In 2012, the City adopted a 2012 resolution which expressed its opposition to the transport of tar sands oil and requested the city's Retirement Board to examine the portion of pension funds' investments it oversees and remove money from investments for oil companies that profit from tars sands.

In 2014, the City Council then followed the 2012 divestment resolution with an additional resolution on December 1, 2014 creating a *Divestment Task Force* to examine the costs, benefits and means of divesting Burlington's public funds from the top 200 fossil fuel companies (also know as the Carbon Underground 200) as identified by the Fossil Fuel Index, LLC.

- 2014 resolution also called from research into other municipalities' Divestment Policies
- Task force met eleven (11) times between July 2015 and June 2016 to hear from experts and the public

Source: City of Burlington, Vermont, Resolution Relating to Divestment of City Funds, Including Retirement, from Fossil Fuel Investments approved by the Burlington City Council on November 23, 2020.



## Resolution Relating To Divestment of City Funds, Including Retirement, From Fossil Fuel Investments

The *Divestment Task Force* issued preliminary report in November 2015 and final draft report in March 2017, and found that the BERS, as of January 2016, had stock investments in fossil fuel companies totaling a little over \$3 million, less than 2% of its total equities' portfolio

 Task Force acknowledged that the analysis was of stocks only and that further analysis was needed to determine the City's other fossil fuel holdings in investments such as corporate bonds

Since then, the *Divestment Task Force* heard from investment experts, notably Eric Becker of Clean Yard, and examined divestment policies from other institutions, including municipalities. The *Divestment Task Force's* final report recommended:

- An annual analysis and review of fossil fuel exposure in the investment portfolio, using the Carbon Underground 200 as a metric;
- An annual review of fossil fuel free investment product availability;
- Working to further limit/eliminate Carbon Underground 200 in Burlington's investment portfolio, where feasible;
- Assessing what other municipalities are doing with divestment from fossil fuels

The Divestment Task Force's final report will serve as the basis for the City's resolution passed in November 2002

Source: City of Burlington, Vermont, Resolution Relating to Divestment of City Funds, Including Retirement, from Fossil Fuel Investments approved by the Burlington City Council on November 23, 2020.

## Helping Clients Prosper.



# City of Burlington Fossil Fuel Divestment Resolution

BERS Responsibilities

# DIMEO SCHNEIDER & ASSOCIATES, L.L.C.

#### **Resolution Directives for BERS**

Consistent with the directives from the resolution, BERS is tasked with the following:

- BERS provided the City Council with a current accounting of the fossil fuel investments in its investment
  portfolio, including non-stock investments, as soon as possible, but in any event no later than its last
  meeting in April 2021 (April 26, 2021)
- City Council request that BERS commit to a full divestment from fossil fuel companies and outline a timeline by which that divestment will be completed and towards this end, at this **same meeting in April 2021**, report to the City Council on the feasibility of:
  - Making an annual analysis and review of fossil fuel exposure in the investment portfolio, using the Carbon Underground 200 as a metric;
  - Making an annual review of fossil fuel free investment product availability;
  - Further limiting and/or eliminating Carbon Underground 200 in Burlington's investment portfolio, where feasible and in concert with the timeline for divestment;
  - Assessing what other municipalities are doing with regard to fossil fuel investments

Source: City of Burlington, Vermont, Resolution Relating to Divestment of City Funds, Including Retirement, from Fossil Fuel Investments approved by the Burlington City Council on November 23, 2020.



## MISSION-ALIGNED INVESTING™ Fossil Fuel Divestment

#### **Burlington Employees' Retirement System**

DEFINE

City resolution defines the criteria as Carbon Underground 200™, which lists the top 100 publicly-traded coal and oil/gas reserve owners in the world ranked by potential carbon emissions.

**APPROACH** 

The number of types of approaches and varying relevancy and degree of impact to different values. At this point, the goal is *divesting* from fossil fuels though excluding any investment in companies listed in the Carbon Underground 200™.

IMPLEMENT

Divesting from a prescribed list or area of the market can be done efficiently using passive or actively managed investment strategies. Since the resolution focused on only publicly-traded companies, it is likely BERS' private investments have little to no direct exposure.

Consider approaches taken by other municipalities.

**MEASURE** 

The BERS investment policy specifies that the long-term goal of the portfolio is to earn the actuarial return assumption. Consistent with these guidelines, we recommend evaluating investment strategies to the same, relevant benchmarks as non-ESG investments.



## FOSSIL FUEL DIVESTMENT Define



## Carbon Underground 200™

- Identifies the 100 largest public coal companies, and the 100 largest publicly traded oil and gas companies, based on estimates of the potential CO2 emissions of their reported reserves.
- Ranking of these largest emitters are constructed on a reserves-based methodology with the underlying core data based on "reported" reserves.
- Compiled and maintained by Fossil Free Indexes<sup>sм</sup>
- Names include Coal India, Gazprom, ExxonMobil

Source: Fossil Free Funds

Rankings are constructed using a reserves-based methodology with the underlying core data based on "reported" reserves. Coal reserves are the sum of proven and probable reserves based on the last reported reserves amount by mine. Reserves are allocated to listed companies based on percentage ownership of individual mines. Oil and gas companies are ranked on proven reserves (1P) net of royalty payments. The Carbon Underground 200" relies on the IPCC Revised 1996 Guidelines for National Greenhouse Gas Inventories as a methodological framework. The calculation of CO2 emission potential requires several conversions to the raw reserves figure.





January 21, 2021

February 18, 2021

March 18, 2021

April 2021

IMPLEMENT

- Review the City's fossil fuel divestment initiative & November 2020 resolution.
- Develop a timeline for reporting requirements from BERS to the City Council.
- DiMeo to present
  BERS an analysis of
  the pension
  portfolio's fossil
  fuel holdings using
  the Carbon
  Underground 200
  as a metric.
- DiMeo to present to the BERS Board the approach, process and timing for divesting from fossil fuels.
- Discuss fossil fuel free investment strategies.
- Formalize process to meet annual reporting requirements per the resolution.

- April 15<sup>th</sup>: DiMeo to provide BERS with the fossil fuel holding report and detailed divestiture plan.
- By April 26<sup>th</sup>: BERS
   Board to deliver
   divestiture report to
   City Council.