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          NEW YORK CITY TEACHERS' RETIREMENT SYSTEM
 5
                     INVESTMENT MEETING
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 7
    Held on Thursday, November 3, 2022
    Via Videoconference
    10:10 a.m.
 9
    ATTENDEES:
10
       DEBRA PENNY, Chairperson, Trustee
       DAVID KAZANSKY, Trustee
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12
       THOMAS BROWN, Trustee
13
     BRYAN BERGE, Trustee, Mayor's Office
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      ALISON HIRSH, Trustee, Comptroller's Office
      RUSSELL BUCKLEY, Trustee
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      PATRICIA REILLY, Teachers' Retirement System
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      SUSAN STANG, Teachers' Retirement System
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     ROBIN PELLISH, Rocaton
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     DEVON ALEXANDER, Rocaton
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      MICHAEL FULVIO, Rocaton
       VALERIE BUDZIK, Teachers' Retirement System
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    REPORTED BY:
23
    YAFFA KAPLAN
     JOB NO. 8828831
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    ATTENDEES (Continued):
        LIZ SANCHEZ, Teachers' Retirement System
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        THAD McTIGUE, Teachers' Retirement System
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        DAVID LEVINE, Groom Law Group
        STEVEN MEIER, Comptroller's Office
 6
 7
        JOHN DORSA, Comptroller's Office
 8
        KOMIL ATAEV, Teachers' Retirement System
 9
        RON SWINGLE, Teachers' Retirement System
        KATE VISCONTI, Bureau of Asset Management
10
       KIM BOSTON, Bureau of Asset Management
11
12
        TINA SUO, Bureau of Asset Management
13
        JOHN GLUSZAK, Bureau of Asset Management
14
        MINJOO NA, Bureau of Asset Management
15
        DAN HAAS, Bureau of Asset Management
16
        VICTORIA LEE, Bureau of Asset Management
17
        JANET LONDONO-VALLE, Bureau of Asset Management
18
        MORAIMA PARES, Bureau of Asset Management
19
        BLAIR BARBERINO, Bureau of Asset Management
20
        WILFREDO SUAREZ, Bureau of Asset Management
21
       TOM CARROLL, Bureau of Asset Management
22
       MAREK TSYZKIEWICZ, Office of the Actuary
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        SUMANTE RAY, Mayor's Office
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    ATTENDEES:
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       KEVIN BALOAD
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        AMANDA JANUSZ, Rocaton
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       DEV SUBHASH, StepStone
       MARC RIVITZ, StepStone
 7
       JAMES MAINA, StepStone
 8
        JUSTIN THIBAULT, StepStone
9
       ISAAC GLOVINSKY, TRS
10
       ARISTA AFTOOMIS, TRS
11
       KEVIN LIU, Mayor's Office
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           MS. REILLY: Good morning. Welcome to
     the Teachers' Retirement System of the City of
    New York investment meeting for November 3,
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     2022. I am going to start by calling the
     roll.
 7
           Bryan Berge?
 8
           MR. BERGE: Representing Mayor Eric
9
     Adams.
10
           MS. REILLY: Thomas Brown?
11
           MR. BROWN: Good morning, Patricia.
12
           MS. REILLY: Russell Buckley?
13
           MR. BUCKLEY: Representing Panel For
14
     Educational Policy Chair Dr. Angela Green and
15
     Interim CFO Benjamin Schanback.
16
           MS. REILLY: Alison Hirsh?
17
           MS. HIRSH: Here, representing
18
     Comptroller Brad Lander.
19
           MS. REILLY: David Kazansky?
20
           MR. KAZANSKY: Present.
21
           MS. REILLY: Debra Penny? Debra is
22
     stuck on the train. You got to say here,
23
     Debra. Sorry.
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           MS. PENNY: I am here virtually.
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           MS. REILLY: So we do have a quorum. I
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     am going to ask for a nomination for a
 3
     temporary chair until Debra Penny can arrive
     here.
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           MR. KAZANSKY: I nominate Thomas Brown.
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           MS. REILLY: Do I hear a second?
 7
           MS. HIRSH: Second.
           MS. REILLY: All those in favor?
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           MS. PENNY: Aye.
10
           MR. BERGE:
                      Aye.
11
           MS. HIRSH: Aye.
12
           MR. KAZANSKY: Aye.
13
           MR. BROWN: Aye.
14
           MR. BUCKLEY: Aye.
15
           MS. REILLY: Tom, I am going to turn it
16
     over to you.
17
           MR. BROWN: Great. Good morning,
     everybody. I guess we will start with Michael
18
19
     Fulvio for the Passport Funds performance
20
    review.
21
           MR. FULVIO: I am still in the process
22
     of setting up the screen share so I apologize,
23
    but I know folks have the materials. In the
    meantime, I will start speaking through what
25
     we saw in the month of September. You will
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    recall it was quite a challenging month for
    the markets. The fortunate thing I will say
    we had to trot through a challenging month of
 4
 5
     September to get to October which Dev will
     speak more about in a few moments.
 7
           The Diversified Equity Fund as a whole
    was down about 9.4 percent for the month in
    line with what we saw across the markets and
10
     year to date that puts the calendar year to
11
     date that puts the fund down by about 26
12
    percent. For the fiscal year to date or the
13
     first month, the first quarter if you will of
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    the fiscal year, the fund was about down 5.6
15
     percent, and again those numbers are roughly
16
     in line with the benchmark. But the year to
17
    date, a little bit more lagging due to a
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    contribution if you will from active
19
    management.
20
           As far as the other Passport Funds, the
21
    Balanced Fund was down about 4 and a third
22
     percent, roughly in line with its benchmark.
23
     Calendar year to date, that fund was down
24
     about 13.5 percent. Again, speaking to not
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     only the challenges we see with equity markets
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     globally but also the rise in bond yields,
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this year has been quite notable.

The International Equity Fund, that returned negative 9.7 percent. That was ahead of its benchmark during September. Year to date that fund is down about 28 percent, just slightly behind its composite benchmark, and the Sustainable Equity Fund down about 10 percent for the month, 33 percent for the calendar year, again speaking to the challenges we have seen with respect to growth-oriented stocks more broadly. So not surprising, this fund is down more than the core indices but very closely in line with the growth market with the growth part of the market.

US Equity Index Fund again down about 9 percent in line with US markets and the International Equity Index Fund down about 10 percent in line with the markets. So again, a really challenging month. What we have seen for the quarter all told was slightly better because you will recall the quarter did start out with a better month in July, and

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unfortunately that was more than offset by what we saw in August and September. So I will pause there and see if there are any questions before we speak to what was a better market in October.

MR. BROWN: Questions? So Dev, you will take October.

MR. ALEXANDER: Yes, I will. As Mike alluded to, we did have a rebound for the month of October. We did see some positive results across the board. In the global market composite we saw returns of 7 percent in the Diversified Equity Fund. Hybrid we saw also returned 7 percent as well. As Mike alluded to as well, fiscal year to date, we did see a rebound per se that compensated for the loss in the early part of the year where we had fiscal year to date results of just under 1 percent for both the global market composite and the Diversified Equity Fund. On the Balanced Fund we also saw positive return as well up 1.66 percent.

Going down to the National Equity Fund, we did see positive return again up 3 percent 0009

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2 although still negative for the fiscal year 3 down by 7.11 percent. And the remainder of 4 the asset classes, Sustainable Equity Fund and

US Equity Fund, US Equity Index Funds all 5 performed positive as well. We did see the US 7 Equity Fund performed quite well actually with 8.16 percent for the month and also positive 9 for the fiscal year 3.23 percent. 10 International equity we also saw positive returns as well, 3.44 percent. Although still 11 12 down for the fiscal year down by 7.36 percent. 13 MR. FULVIO: I will just add to I think 14 the notable update coming out of the markets 15 came yesterday with the Fed announcement of 16 another 75-basis-point hike. The market took 17 the language around the announcement to be a 18 little bit more dovish than what we have seen 19 in recent pasts. I think there will probably 20 more people deciphering when the minutes come 21 out how the market fully interprets that news 22 but it was met positively yesterday and that's 23 helped with the returns we have seen over the 24 last week or so. 25 MR. BROWN: Thank you, Mike. Questions 0010 1 Proceedings 2 for Mike and Devon? 3 MR. KAZANSKY: Regarding the rate hikes, is the feeling that they are pretty much done 5 for the year and that anything -- or is there more and if there are more --7 MR. FULVIO: I think the expectation is 8 there may not be as notable hikes but likely 9 continued small hikes and the language was 10 more specific around being more precise and 11 deliberate with something that's more measured 12 as opposed to what we have seen, but again I 13 think until we have seen the full minutes, we 14 are reading between the lines on the 15 announcement yesterday. 16 MR. MEIER: So actually I agree with 17 everything. Fourth consecutive 75-basis-point 18 rate hike which is hawkish in nature. I think 19 the official statement was a little more 20 dovish; the comments afterward was very 21 hawkish. Right now the way they left it in 22 September, they thought the terminal rate of 23 debt funds would be 4.6 percent. Markets are 24 not pressing 5.20 percent this morning, and 25 the Fed chair did say that given the 0011

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persistent strength of the employment market and the high levels of inflation, they are going to go further. And I agree with Michael. The pace may change but they are not done. They are allowed to go 50, 75. There

are two more employment reports and two more inflation reports before they meet 9 December 13th and 14th. So wait to see what 10 that looks like, but I do think they are going 11 to go at least another 50, and now the market 12 is pricing another 50 for February 1st. 13 there is a little bit more wood to chop there. 14 MR. KAZANSKY: Thank you. 15 MS. HIRSH: Is there anything the Fed 16 can do as they are trying to stem inflation by 17 raising rates? One of the additional factors 18 of inflation are profit margins continue to 19 increase. Is there anything the Fed can do to 20 force companies to not price gouge? 21 MR. MEIER: The Fed doesn't have that 22 mandate. There are things that perhaps the 23 president can do in terms of executive orders 24 around price gouging, but you are actually 25 right. The earnings figure for the third 0012 1 Proceedings 2 quarter are coming out weak but not as weak as expected. That's why we saw the rally in 3 October. And Devon was dead on. The rally in October I think was pretty significant. I 5 wonder if it's another bear market rally like 7 we saw in July, early part of August because it's giving a lot of it back today and yields 9 are up about 17, 18 basis points pretty much 10 across the curve. I think there are going to 11 be more challenges ahead. My expectation is things will start to feel a little better 12 13 mid-year 2023. At that point the Fed I think 14 would have reached its terminal rate of Fed 15 funds and monetary policy operates with a lag 16 of around 12 to 18 months. It's only four and 17 a half months since they really started hiking 18 in earnest with 75-basis-point hikes, so I 19 think it's a little more of a challenging time 20 ahead of us notwithstanding the rally we saw 21 in October. Looks like we are giving a good 22 portion of it back today. 23 MR. BROWN: What did the markets do 24 today? 25 MR. MEIER: There is a lot of red on the 0013 1 Proceedings 2 screen. 3 MR. BROWN: Thank you. Anything else? Thank you, Steve, Mike. Anything else for 4 public agenda, public session? So I guess we will go into the executive session. Do I hear 7 a motion?

MR. KAZANSKY: So moved.

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          MR. BROWN: Do I hear a second?
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          MR. BUCKLEY: Second.
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          MR. BROWN: Great. Thank you, Russell.
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    All in favor, say aye. Aye.
13
          MR. BERGE: Aye.
14
          MS. HIRSH: Aye.
15
          MR. KAZANSKY: Aye.
16
          MR. BUCKLEY: Aye.
17
          MS. PENNY: Aye.
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          MR. BROWN: All opposed, say nay.
19
    now we are going into executive session.
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           (Discussion off the record.)
21
          MS. PENNY: Susan?
22
          MS. STANG: Can you all see me?
23
          MS. PENNY: Yes. Looking lovely.
24
          MS. STANG: Hardly. Anyway so are we
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     all ready?
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          MS. PENNY: We are indeed.
          MS. STANG: In executive session we
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    received some preliminary performance data.
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    We received an update on the excluded company
    list process. We received a real estate
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    presentation. Consensus was reached. We
    received a presentation on an alternative
 9
    credit investment. Consensus was roached. We
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    also received an an update on a personnel
11
    matter within a consulting firm.
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          MS. PENNY: Thank you, Ms. Stang. Does
13
    anyone else have anything for public session?
14
    All right. Hearing none, do I hear a motion
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    to adjourn?
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           MR. KAZANSKY: So moved.
17
          MS. PENNY: Thank you, Mr. Kazansky. Do
18
     I hear a second?
19
          MS. HIRSH: Second.
20
          MS. PENNY: Thank you, Ms. Hirsh.
21
     questions? All those in favor, please say
22
     aye.
23
          Aye.
24
          MR. BERGE: Aye.
25
          MS. HIRSH: Aye.
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          MR. KAZANSKY: Aye.
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          MR. BROWN: Aye.
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          MR. BUCKLEY: Aye.
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          MS. PENNY: Any opposed? Any
     abstentions. We stand adjourned.
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           (Time noted: 12:10 p.m.)
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      STATE OF NEW YORK
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                                 : ss.
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      COUNTY OF QUEENS
                                 )
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                    I, YAFFA KAPLAN, a Notary Public
 8
            within and for the State of New York, do
 9
            hereby certify that the foregoing record of
10
            proceedings is a full and correct
11
            transcript of the stenographic notes taken
12
            by me therein.
                    IN WITNESS WHEREOF, I have hereunto
13
14
            set my hand this 15th day of November,
15
            2022.
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