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       NEW YORK CITY TEACHERS' RETIREMENT SYSTEM
                   INVESTMENT MEETING
           Held on Thursday, June 3, 2021
                           Via
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                  Zoom Videoconference
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   ATTENDEES:
    DEBRA PENNY, Chairperson, Trustee, TRS
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   THOMAS BROWN, Trustee, TRS
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   DAVID KAZANSKY, Trustee, TRS
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    JOHN ADLER, Trustee, Mayor's Office
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   RUSSELL BUCKLEY, Trustee
    JOHN DORSA, Trustee, Comptroller's Office
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   SUSANNAH VICKERS, Trustee, Comptroller's Office
   NATALIE GREEN GILES, Trustee
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    CYNTHIA COLLINS, Trustee, Mayor's Office
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   PATRICIA REILLY, TRS, Executive Director
19 THADDEUS MCTIGUE, TRS, Deputy Executive Director
20 VALERIE BUDZIK, TRS
21 LIZ SANCHEZ, TRS
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   SUSAN STANG, TRS
23
   STEVE YUAN, Mayor's Office
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    ISAAC GLOVINSKY, TRS
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   SHERRY CHAN, Chief Actuary
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1 ATTENDEES (Cont'd)
    JIMMY YAN, Comptroller's Office
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   DIANE FENG, TRS
   ARISTEA AFTOUSMIS, TRS
 5 MICHAEL FULVIO, Rocaton
   GREG CALNON, Goldman Sachs
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    ROBIN PELLISH, Rocaton
   SUMANTA RAY, Mayor's Office
   DAVID LEVINE, Groom Law Group
10 KOMIL ATAEV
11
    RONALD SWINGLE
12
   SANDY RICH
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   PRESENTERS:
   Sands Capital
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16 T. Rowe Price
17 Brown Advisory
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    Jennison Associates
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                         (Time noted: 10:04 a.m.)
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           MS. REILLY: Welcome to the Teachers
     Retirement Board investment meeting for
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     June 3, 2021. I'll start by calling the
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     roll.
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           John Adler?
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           MR. ADLER: I'm here.
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           MS. REILLY: Thomas Brown?
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           MR. BROWN: Good morning. Here.
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           MS. REILLY: Natalie Green Giles?
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           MS. GREEN GILES: Good morning.
14
     Here.
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           MS. REILLY: David Kazansky?
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           MR. KAZANSKY: Present.
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           MS. REILLY: Russell Buckley?
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           MR. BUCKLEY: Good morning. Present
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     on behalf of CFO Lindsey Oates.
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           MS. REILLY: Debra Penny?
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           CHAIRPERSON PENNY: Good morning.
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     I'm here.
           MS. REILLY: Susannah Vickers?
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           MS. VICKERS: Good morning. I'm
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     here on the phone.
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           MS. REILLY: Okay. We have a
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     quorum, and I will turn it over to Madam
    Chair.
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           CHAIRPERSON PENNY: Thank you so
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    much.
           Good morning, everyone. We have a
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     lengthy agenda today, so we're going to
     start with the public agenda. The first
     thing is Passport Funds, first quarter
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     2021.
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           Michael, take it away.
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           MR. FULVIO: Good morning, everyone.
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           We are going to begin, as the Chair
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     noted, with the first quarter report.
     And I know this was circulated in advance
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     and we did spend a good amount of time
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     discussing the first quarter at the last
18
    meeting.
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           So perhaps in the interest of time
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     I'll call everyone's attention to a few
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     new pages to this recurring quarterly
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     report. We discussed the manager
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     scorecard at a meeting back in April.
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     And you will see it begins on slide 39 of
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     the quarterly report.
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           And so, maybe I'll just remind
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     everyone that obviously the discussion of
     specific managers is something we address
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in executive session. We did want to call this out given the prior discussions and that this is a new add to the report, 7 beginning on slide 39. 8 You will recall we're looking at 9 manager excess performance and tracking 10 error relative to the expectations; not 11 necessarily the expectations that 12 managers have for their own strategy, but 13 expectations we have for the strategies 14 that you see here based upon the active 15 risk profile that these strategies 16 exhibit historically, and adjusting, or 17 tempering if you will, expectations 18 accordingly, for how we would expect 19 these managers to outperform net of fees 20 over the long term. 21 And so, really, you will recall this 22 was intended to focus the Board on 23 outliers. And I'm happy to report that 24 there's really only one manager that's 25 tripping a flag. That's Cardinal, which 0006 1 we'll discuss in executive session. I just wanted to call everyone's attention to this. There's a couple pages worth of manager data here. And 5 happy to answer any questions have you 6 now. On anything specific we'll 7 follow-up in executive session. 8 MS. PELLISH: But we are happy to 9 talk about the methodology and what the 10 colors mean. We've gone over this before 11 but I'm sure it's not fresh in everyone's 12 mind. So please let us know what you'd 13 like us to review, any aspect of the 14 analysis here. 15 MR. FULVIO: Not hearing any 16 questions or feedback. 17 MR. KAZANSKY: The scorecard is very 18 helpful, so thank you. 19 MR. FULVIO: You're welcome. 20 Madam Chair, should we move ahead to 21 April? 22 CHAIRPERSON PENNY: Yes. I think 23 we're ready for the Passport funds, April 24 2021. 25 MR. FULVIO: Everyone should have 0007 1 that as a separate attachment. 2 You will recall when we chatted last 3 month, in early May we looked back at 4 April, and the markets were, it was

another positive month for equity markets

across the globe that was led by what we 6 7 saw in the U.S. 8 You can see the Russell 3 was up 9 about 5.2 percent. Developed ex-U.S. 10 countries totalled up about 3 percent, 11 and emerging markets up 2 1/2 percent. 12 So that really did translate into 13 positive absolute returns for the funds 14 across the board. 15 The diversified equity fund, you can 16 see up about 4 1/2 percent for the month. 17 That was slightly behind the hybrid 18 benchmark, which was up about 4.6 19 percent, and behind the Russell 3000 20 index, as noted earlier, up just over 5 21 percent. 22 What we saw in the month of April 23 was a bit of a reversal from what we saw 24 in the U.S. with respect to the growth 25 value dynamic. You will recall we've 8000 1 been talking for quite a while about 2 growth outpacing value, and we saw that 3 flip late last year. That was certainly one of the key themes when we looked at 5 performance in the first quarter of 2021. 6 We saw that flip notably, actually 7 just in the month of April, and it's 8 reversed since then. So even though 9 growth outperformed value in April, in 10 May value came back again. 11 If you're looking across the fund 12 and looking at the underlying composites, 13 the contribution from active management 14 within each of the composites was mostly 15 mixed for the month, detracting from 16 total fund relative results. But I will 17 note that year to date you can see the 18 total fund up about 10.9 percent, 19 outpacing the hybrid benchmark. 20 The value add there is really driven 21 by active management contributions, so 22 far year to date. 23 I will pause there and see if 24 there's any questions on the diversified 25 equity fund before I go through the 0009 1 others. 2 Okay. So the balanced fund, you can 3 see just below that with assets of \$571 million. That fund returned 1.6 percent 5 during the month of April, year to date 3 6 percent ahead of its composite benchmark.

International equity fund, \$235

million in assets at the end of April, up 9 about 3.3 percent and 6.3 year to date. 10 The sustainable equity fund you can 11 see up over 6 percent in the month of 12 April; and year to date similarly up about 6.9 percent, lagging its benchmark 13 14 return of 7.8 percent. 15 Beyond those funds, the two index 16 funds toward the bottom of the page, they 17 continue to track relatively close to 18 their specific market proxies, with the 19 U.S. equity index fund up 5.1 percent in the month of April, and up about 11.4 20 21 percent year to date. The international 22 up about 2.9 percent, and year to date 23 return for that fund up about 5.8 24 percent. 25 Again, you'll note there is some 0010 1 relative performance differential here, 2 again, driven by what we saw last year 3 with respect to the timing of the cash 4 flows. So I'll pause there and see if 5 6 there's any questions before we turn 7 ahead to the month of May. 8 (No response.) 9 CHAIRPERSON PENNY: You can turn to 10 May. 11 MR. FULVIO: Thank you. 12 Everyone should have the May 13 one-pager. The theme in May was 14 continued market optimism as there 15 continues to be progress on the vaccine 16 rollout and the vaccinations continuing 17 to rise here in the U.S. 18 As of last week the number reported 19 was that half of adults in the U.S. have 20 been fully vaccinated at this point. So 21 we're moving closer to the 22 Administration's goal of about 70 percent, with at least having had one 23 24 dose by July 4. That's certainly good 25 news, provided some confidence for the 0011 1 markets. 2 And there's continued ongoing 3 discussion in Washington regarding infrastructure, hopefully a continued 5 source of optimism in the U.S. If we're looking back very quickly 7 at earnings season, so far really, really positive story there. Earnings season is winding down at this point. Nearly all

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     companies have announced at this point.
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     We saw 86 percent of companies who had
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     announced had positive EPS upside
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     surprise. On the revenue side there's
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    positive revenue surprise of about 76
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    percent.
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           So, those are certainly contributory
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    to the positive sentiment we saw in the
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    markets. And you can see here
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     translating into continued positive
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    returns across the board, with the
21
     exception of the sustainable equity fund.
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           So I'll note at a very high level
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     the U.S. Russell 3000 index up about half
24
     of a percent; international markets up
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     about 2.9 percent during the month,
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    outpacing the U.S.; defensive strategies
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     roughly flat. We're expecting a
     diversified equity fund return of about
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     90 basis points. Here you can see based
 5
     on the hybrid benchmark.
 6
           The underlying composite benchmark
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     for the balanced fund up 64 basis points.
     And if you look with international
    markets below that, you can see developed
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    large caps up about 3 1/4 percent,
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    bringing a pretty strong year to date
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     return of just over 10 percent there.
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           The smaller cap part of the
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    international markets and emerging
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    markets were both up 2.3 percent during
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     the month. And beyond that I noted
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     earlier the underlying strategy for the
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    sustainable equity fund down about 1
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    percent. That was ahead of its Russell
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    1000 growth benchmark, but I noted the
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    relative underperformance of growth
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    versus value during the month of May, you
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     can see that showing up in the numbers
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     there, whereas the broad equity market as
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     a whole still had a positive return,
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    growth stocks lagging that.
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           And lastly, the two index
     strategies, the U.S. index fund up about
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     45 basis points during the month and the
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     international up about 3 percent.
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           CHAIRPERSON PENNY: Does anyone have
     any questions for Michael? Robin?
           No? Okay. So we're ready to go
     into executive session.
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           Do I hear a motion to go into
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12
    executive session?
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           MR. BROWN: So moved.
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           CHAIRPERSON PENNY: Do I have a
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   second?
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           MR. ADLER: Second.
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           CHAIRPERSON PENNY: Any discussion?
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           All those in favor please say "Aye."
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           (A chorus of "Ayes.")
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           All opposed say "Nay."
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           Any abstentions?
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           (No response.)
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           (Whereupon, the Board entered
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     executive session.)
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           (Whereupon, the Board returned to
    public session.)
           CHAIRPERSON PENNY: Welcome. We are
    back in public session.
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 7
           Susan, would you please report out?
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           MS. STANG: Certainly.
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           In executive session we provided a
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     list of upcoming investment manager
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     contracts that are up for renewal as of
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     6/30.
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           We received four presentations from
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    investment managers, as well as a
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    presentation on the structure within the
16
    active composite of Variable A.
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    Consensus was reached, which will be
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     announced at the appropriate time.
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           We received an update on an
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    investment project within the pension
21
    fund, and we received a presentation on
22
    diversity and inclusion at Rocaton and
23
    Goldman Sachs.
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           CHAIRPERSON PENNY: Thank you very
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   much, Susan.
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           Does anyone have anything else for
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     this meeting?
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           (No response.)
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           Hearing none, do I hear a motion to
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     adjourn?
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           MR. ADLER: Motion to adjourn.
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           CHAIRPERSON PENNY: Thank you, Mr.
 8
    Adler.
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           MS. GREEN GILES: Second.
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           CHAIRPERSON PENNY: Thank you.
           All those in favor please say "Aye."
11
           (A chorus of "Ayes.")
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13
           Any opposed?
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14	Abstentions?
15	(No response.)
16	Okay. We stand adjourned.
17	(Whereupon, at 1:15 p.m., the matter
18	was concluded.)
19	was concluded.)
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1	CERTIFICATION
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3	I, Jeffrey Shapiro, a Stenographic
4	Reporter and Notary Public, within and for the
5	State of New York, do hereby certify that I
6	reported the proceedings in the within-entitled
7	matter, on Thursday, May 3, 2021, and that this
8	is an accurate transcription of these
9	proceedings.
10	IN WITNESS WHEREOF, I have hereunto
11	set my hand this 13th day of May, 2021.
12	set my nand this isth day of may, 2021.
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16	JEFFREY SHAPIRO
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