



BAY AREA REGIONAL COLLABORATIVE

Meeting Transcript



January 15, 2021

1 **BAY AREA REGIONAL COLLABORATION**
2 **FRIDAY, JANUARY 15, 2021, 10:00 AM**

3
4 **CINDY CHAVEZ, CHAIR:** WELL, WELCOME EVERYONE. AND WE ARE
5 BEGINNING OUR BARC MEETING FOR FRIDAY JANUARY 15TH. I'M GOING
6 TO SAY WELCOME TO ALL AND I'M GOING TO ASK THE CLERK TO TAKE
7 ROLL.

8
9 **ALLISON BROOKS:** SERENA, YOU'RE ON MUTE.

10
11 **CINDY CHAVEZ, CHAIR:** SORRY.

12
13 **CLERK OF THE BOARD:** I DON'T THINK WE QUITE HAVE A QUORUM YET
14 BUT I'LL GO AHEAD AND TAKE THE ROLL CALL.

15
16 **CINDY CHAVEZ, CHAIR:** THANK YOU.

17
18 **CLERK OF THE BOARD:** MAYOR ARREGUIN? SUPERVISOR RABBIT?
19 SUPERVISOR CHAVEZ?

20
21 **CINDY CHAVEZ, CHAIR:** HERE.

22
23 **CLERK OF THE BOARD:** THANK YOU. MAYOR BARRETT?

24
25 **DIR. TERESA BARRETT:** HERE.



January 15, 2021

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2 **CLERK OF THE BOARD:** THANK YOU. SUPERVISOR MITCHOFF?

3

4 **KAREN MITCHOFF:** HERE.

5

6 **CLERK OF THE BOARD:** SUPERVISOR GIOIA? DIRECTOR HALSTED?

7 SUPERVISOR PINE? SUPERVISOR WAGENKNECHT?

8

9 **BRAD WAGENKNECHT:** HERE.

10

11 **CLERK OF THE BOARD:** THANK YOU. DIRECTOR WASSERMAN?

12

13 **ZACK WASSERMAN:** HERE.

14

15 **CLERK OF THE BOARD:** THANK YOU. DIRECTOR JOSEFOWITZ?

16 COUNCILMEMBER MACKENZIE? SUPERVISOR SPERING? COUNCILMEMBER

17 WORTH?

18

19 **ALLISON BROOKS:** SHE SAID SHE WAS RUNNING JUST A FEW MINUTES

20 LATE. SHE'LL BE HERE SHORTLY.

21

22 **CLERK OF THE BOARD:** I SEE MAYOR ARREGUIN.

23

24 **JESSE ARREGUIN:** PRESENT.

25



January 15, 2021

1 **CLERK OF THE BOARD:** THANK YOU. WE ARE TWO SHORT OF QUORUM.

2

3 **CINDY CHAVEZ, CHAIR:** OKAY. WE'LL BEGIN AS A WHEAT AS A

4 [INDISCERNIBLE] AND THEN I'LL TURN TO OUR REPORT. I'M GOING TO

5 SKIP OVER, MYSELF, EXCEPT TO SAY THIS IS MY LAST MEETING, AND

6 I WANT TO SAY THANK YOU VERY MUCH, IT'S BEEN SO DELIGHTFUL TO

7 LEARN FROM BARC STAFF AND YOU ABOUT ALL THE GREAT WORK YOU'RE

8 DOING AND ALL OF THE INTERSECTIONALITY OF THE WORK THAT WE'RE

9 DOING. I ESPECIALLY WANT TO THANK ALLISON AND HER TEAM FOR

10 PLAYING AN INCREDIBLY IMPORTANT ROLE IN KNITTING ALL OF OUR

11 DIFFERENT BODIES OF WORK TOGETHER BUT ALSO IN PARTICULAR

12 PLAYING A LEADERSHIP ROLE ON REMOTE WORK AND SOME OF THE OTHER

13 INITIATIVES I WAS EXCITED TO BE A PART OF. I ALSO WANTED TO

14 SAY TO THE BARC STAFF, YOU ARE SMALL BUT MIGHTY. AND WE

15 APPRECIATE YOU VERY, VERY MUCH, AND I LOOK FORWARD TO SEEING

16 GREAT THINGS FROM THIS GROUP IN THE FUTURE. I AM VERY EXCITED

17 TO GET TO -- AND WE WILL, I THINK, GET A CHANCE TO JUST HAIL

18 OUR NEW LEADERSHIP THAT'S COMING IN. I AM EXCITED ABOUT THAT

19 BECAUSE I THINK THE LEADERS THAT WE HAVE COMING IN ARE, IN

20 PARTICULAR, JUST REALLY CONNECTED AND KNITTED TO A NUMBER OF

21 OTHER ORGANIZATIONS THAT I THINK ARE GOING TO BE HELPFUL AS WE

22 MOVE FORWARD. SO THAT'S MY BRIEF REPORT. DO WE HAVE QUORUM

23 YET, SERENA? WE DO. OKAY. SO WE'LL GO TO THE CONSENT CALENDAR.

24

25 **JOHN GIOIA:** SORRY I'M ON LATE. SO JUST TO NOTE FOR ROLL CALL.



January 15, 2021

1

2 **CINDY CHAVEZ, CHAIR:** THANK YOU. WE JUST SAW ALL OF YOU THAT
3 JOINED US. WE'LL GO AHEAD AND APPROVE THE CONSENT CALENDAR
4 WHICH IS REALLY TO APPROVE OUR MINUTES AND I'LL ASK SERENA TO
5 TAKE THE ROLL ON THAT AND THAT WILL BE A TWO-FER.

6

7 **CLERK OF THE BOARD:** ON THE MINUTES. [ROLL CALL VOTE] THE
8 MOTION PASSES.

9

10 **CINDY CHAVEZ, CHAIR:** THANK YOU. SO, WITH THAT, THAT PASSES
11 UNANIMOUSLY. AND THEN WE'RE GOING TO GO NOW TO ITEM FIVE. AND
12 THIS IS THE APPOINTMENT OF THE BARC CHAIR AND VICE CHAIR, AND
13 I THINK, YOU KNOW, I APOLOGIZE, THAT I CAN'T REMEMBER. IN THIS
14 BODY, DO WE HAVE TO DO A -- DID WE DO A PREVIEW OR NOMINATIONS
15 AT OUR LAST MEETING? WE DIDN'T? ALL RIGHT. SO DO WE DO
16 NOMINATIONS? OR DO WE -- OKAY.

17

18 **ALLISON BROOKS:** YOU MAKE A RECOMMENDATION, NOT A NOMINATION,
19 YES.

20

21 **CINDY CHAVEZ, CHAIR:** I THINK, WE UNFORTUNATELY FOR THEM -- NO.
22 I'M JUST KIDDING. WE'LL GO AHEAD AND NOMINATE OUR CHAIR TO BE
23 AMY WORTH, AND I AM VERY EXCITED ABOUT THAT, AND I THINK OUR
24 VICE CHAIR, JESSE, WE SIGNED YOU UP, DIDN'T WE?

25



January 15, 2021

1 **JESSE ARREGUIN:** YES.

2

3 **CINDY CHAVEZ, CHAIR:** AND OUR VICE CHAIR JESSE ARREGUIN. AND I
4 WOULD LIKE TO MAKE A MOTION TO HAVE BOTH OF THEM BE CHAIR AND
5 VICE CHAIR. MAY I GET A SECOND?

6

7 **KAREN MITCHOFF:** I'LL SECOND.

8

9 **CINDY CHAVEZ, CHAIR:** GREAT. IS THERE ANY RIGOROUS DEBATE? OKAY
10 SEEING NONE I'M GOING TO ASK FOR A ROLL CALL VOTE AND JUST SAY
11 HOW EXCITED I AM. I THINK THIS IS A DYNAMIC DUO. I'M VERY
12 EXCITED TO SEE THEM TAKING A LEADERSHIP ROLE. SO.

13

14 **CLERK OF THE BOARD:** [ROLL CALL VOTE] THANK YOU. THE MOTION
15 PASSES.

16

17 **CINDY CHAVEZ, CHAIR:** YAY. SO AMY AND JESSE, DO YOU HAVE ANY
18 LAST WORDS? I'M JUST KIDDING.

19

20 **AMY R. WORTH, VICE CHAIR:** WE DO. MAY I START AND THEN JESSE
21 CAN JOIN ME? I TAKE THE LIBERTY OF JUMPING IN, AND CINDY IS
22 GOING TO CONTINUE TO CHAIR THE MEETING UNTIL SHE HAS TO GO
23 HEAD ON TO ANOTHER MEETING. BUT I JUST WANTED TO TAKE A MOMENT
24 TO SAY THANK YOU TO OUR FEARLESS LEADER. THANK YOU TO
25 SUPERVISOR CHAVEZ FOR BEING THE CHAIR OF BARC AND THE PREVIOUS



January 15, 2021

1 VICE CHAIR OF BARC, AND REALLY BEING SUCH AN ESSENTIAL PART OF
2 BARC AND HELPING US AS WE TAKE ON OUR MISSION IN TERMS OF
3 BRINGING ALL OF OUR ORGANIZATIONS TOGETHER. SHE HAS DONE A
4 FABULOUS JOB. AND YOU KNOW, DURING THIS TIME, HAS TAKEN ON A
5 PARTICULAR INITIATIVE WHICH HAS BEEN PHENOMENAL ABOUT HELPING
6 ALL OF OUR AGENCIES WORK TOGETHER IN OUR COMMUNITIES WITH
7 REGARDS TO COVID AND PARTICULARLY WITH REGARDS TO COMMUTING,
8 AND SEE FIGURE THERE IS WAYS TO REDUCE THE CAR COMMUTE NOW AND
9 IN THE FUTURE AND SHE HAS TAKEN ON A HUGE EFFORT WITH THAT
10 WHICH HAS BEEN PHENOMENAL. AND WHEN TALKING WITH HER SHE HAS
11 GOT A LOT OF PLAQUES, AND WITH ALLISON, WHO TOOK CHARGE OF
12 THIS, BEHIND HER, YOU CAN SEE THE BEAUTIFUL FLOWERS THAT WE
13 PRESENTED TO HER, REMOTELY THROUGH, YOU KNOW, FTD, I GUESS
14 THEY DON'T HAVE FTD ANYMORE. I JUST DATING MYSELF. ALLISON HAD
15 THOSE FLOWERS DELIVERED TO HER OFFICE AND WE WANTED TO SAY
16 THANK YOU TO YOU, SO MUCH, FOR YOUR LEADERSHIP, FOR YOUR
17 ENTHUSIASM, AND YOU KNOW IT'S BEEN GREAT TO GET TO KNOW YOUR
18 OFFICE AS WE HAVE SEEN YOU IN IT EVERYDAY IN ALL OF OUR
19 MEETINGS. AND WE'RE VERY EXCITED BECAUSE AS YOU KNOW CINDY HAS
20 JOINED MTC AS SANTA CLARA'S COUNTY REPRESENTATIVE. SO SHE IS
21 DEEPLY COMMITTED TO REGIONAL GOVERNMENT, AND, YOU KNOW, I KNOW
22 SO MANY OF US ON THIS, ON BARC ALSO WORK WITH HER ON THE OTHER
23 AGENCIES UPON WHICH WE SERVE. THANK YOU CINDY. THE ROLE OF
24 COUNTY SUPERVISOR IS HUGE PARTICULARLY DURING THIS TIME AND
25 YOU ALL HAVE REALLY HAD TO SHOULDER THE GREATEST



January 15, 2021

1 RESPONSIBILITIES IN CALIFORNIA HAS BEEN ON THE SHOULDERS OF
2 THE COUNTY SUPERVISORS. THANK YOU FOR YOUR LEADERSHIP AND
3 KEEPING US SAFE AND FOR ALL THE WORK THAT YOU DO WITH THE
4 COUNTY AND THE REGION. MAYOR ARREGUIN ALSO HAS SOME COMMENTS
5 TO ADD BUT I WANT TO SAY ON BEHALF OF ALL OF US, AND KNOW
6 OTHER COLLEAGUES MAY WANT TO THANK YOU TOO. THANK YOU, AGAIN,
7 FROM THE BOTTOM OF OUR HEARTS.

8

9 **CINDY CHAVEZ, CHAIR:** THANK YOU AMY.

10

11 **JESSE ARREGUIN:** SANTA CLARA COUNTY HAS LED THE RESPONSE TO
12 COVID-19 AND AS THE PRESIDENT OF BOARD OF SUPERVISORS,
13 SUPERVISOR CHAVEZ HAS REALLY PLAYED A CENTRAL ROLE IN OUR
14 REGIONAL RESPONSE THIS PANDEMIC AND ALONG WITH THAT LEADING
15 THIS AGENCY. I'M SAD THAT YOU'RE LEAVING BUT YOU HAVE DONE AN
16 INCREDIBLE JOB AND I AM REALLY HONORED TO SERVE AS VICE CHAIR
17 OF THIS IMPORTANT AGENCY, AND I REALLY LOOK FORWARD TO WORKING
18 WITH THE NEW CHAIR, COMMISSIONER WORTH, TO FIND WAYS TO
19 ADVANCE OUR EFFORTS TO COMBAT CLIMATE CHANGE AND PROMOTE A
20 MORE RESILIENT BAY AREA, AND ALSO TO BRING OUR AGENCIES
21 TOGETHER IN A COORDINATED WAY TO PLAN FOR THE FUTURE. SO THANK
22 YOU VERY MUCH FOR ELECTING ME AS VICE CHAIR, AND THANK YOU,
23 SUPERVISORS CHAVEZ FOR YOUR INCREDIBLE LEADERSHIP, AND LOOK
24 FORWARD TO CONTINUING TO WORK WITH YOU IN THE MANY ROLES YOU
25 SERVE THIS REGION.



January 15, 2021

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2 **CINDY CHAVEZ, CHAIR:** THANK YOU BOTH VERY MUCH. THANKS. WE'RE
3 GOING TO MOVE ON BECAUSE THAT'S AS MUCH THANKS AS I CAN TAKE
4 TODAY. THANK YOU. I HAVE REALLY -- THIS HAS BEEN I'VE LEARNED
5 SO MUCH FROM ALL OF YOU AND I'M SURE YOU ALL AGREE BEING ON
6 REGIONAL BOARDS, WHAT YOU LEARN FROM YOUR COLLEAGUES AND THE
7 INCREDIBLE THOUGHTS AND CONTENT AND KNOWLEDGE AND
8 STYLISTICALLY STRATEGICALLY SO THANK YOU ALL VERY MUCH. I'M
9 GOING TO TURN IT OVER TO ALLISON WHO IS GOING TO GIVE US THE
10 EXECUTIVE DIRECTOR'S REPORT.

11

12 **ALLISON BROOKS:** THANK YOU CHAIR CHAVEZ. AND I AM VERY EXCITED
13 TO WORK WITH CHAIR WORTH AND VICE CHAIR ARREGUIN. BUT I DO, I
14 HAVE TO SAY ONE MORE THANKS TO YOU. BECAUSE I KNOW -- I'LL
15 MAKE IT VERY BRIEF, BUT IT REALLY HAS BEEN SUCH A PLEASURE TO
16 WORK WITH YOU AND AN HONOR, AND I JUST APPRECIATE HOW MUCH,
17 YOU KNOW, FOCUS AND ATTENTION YOU GIVE TO THING THAT YOU DO,
18 AND REAL -- REALLY THE ENTIRE YOU HAVE FOR DELIVERING
19 OUTCOMES, WHICH IS SUCH A TREMENDOUS LEADERSHIP THAT YOU SHOW,
20 SO I WANT TO THANK YOU. YOU HAVE TAUGHT ME A LOT, AND IT'S
21 BEEN A JOY, AND YOU REALLY FORCED SOME HARD WORK, WHICH I
22 APPRECIATE TOO. YOU HAVE DEMANDS, AND THOSE ARE THE RIGHT
23 DEMANDS FOR ALL OF US TO HAVE, TO DO BETTER AND TO SERVE THE
24 PEOPLE OF THE BAY AREA AS BEST WE CAN. SO I WANT TO THANK YOU
25 FOR YOUR PARTNERSHIP IN THAT. AND --



January 15, 2021

1

2 **CINDY CHAVEZ, CHAIR:** THANK YOU ALLISON. VERY KIND.

3

4 **ALLISON BROOKS:** WELL, IT'S BEEN GREAT. SO THANK YOU. AND MY
5 PRESENTATION IS VERY BRIEF, BECAUSE, AS YOU NOTED, YOU KNOW,
6 IN NOVEMBER, YOU MAY RECALL, WE HAD A STRATEGIC PLANNING
7 EFFORT. WE'RE IN THIS TRANSITION PERIOD WHERE WE'RE GOING TO
8 HAVE SOME NEW BOARD MEMBERS ARRIVE IN MARCH THAT ARE CURRENTLY
9 BE APPOINTED BY ALL THE MEMBER AGENCIES. SO I'M GOING TO HOLD
10 OFF ON THE FOLLOW-ON FROM THAT STRATEGIC PLANNING SESSION AND
11 BRING THAT FORWARD IN MARCH AND WE'LL TALK ABOUT THE WORK PLAN
12 AND OUR PRIORITIES MOVING FORWARD. AND THEN, REALLY, GIVE MORE
13 TIME, TODAY TO HEAR A GREAT PRESENTATION FROM THE SF WATER
14 BOARD ABOUT THEIR STORMWATER PERMIT PROGRAM. SO, AGAIN, THANK
15 YOU. AND THAT'S ALL I HAVE FOR TODAY.

16

17 **CINDY CHAVEZ, CHAIR:** THANKS VERY MUCH ALLISON. WE'LL GO NOW TO
18 MTC, TO THERESE.

19

20 **THERESE MCMILLAN:** GREAT. THANK YOU CHAIR CHAVEZ. AND I'M
21 LOOKING FORWARD TO CONTINUING TO WORK WITH YOU IN ALL THE
22 WHOLE NUMBER OF LEVELS. BOY, 2021 IS KICKING OFF TO QUITE THE
23 START. JANUARY IS A VERY BIG MONTH FOR REGIONAL INITIATIVES.
24 THE PLANNED BAY AREA 2050 BLUEPRINT IS MOVING FORWARD THIS
25 MONTH FOR ADOPTION. THE JOINT MTC AND ABAG PLANNING -- OR THE



January 15, 2021

1 JOINT MTC PLANNING AND ABAG ADMINISTRATION COMMITTEE MET ON
2 JANUARY 8TH TO FORWARD THE FINAL BLUEPRINT TO THE ABAG
3 EXECUTIVE BOARD ON THE 21st. AND THE MTC COMMISSION ON THE
4 27th. THIS REPRESENTS THREE YEARS' WORTH OF WORK, STARTING
5 WITH HORIZONS AND REALLY LOOKING AT THE INTERSECTION OF, YOU
6 KNOW, TRANSPORTATION, AND HOUSING, AND ENVIRONMENT, AND OUR
7 ECONOMY IN WAYS THAT HAVE BEEN UNPRECEDENTED ON A NUMBER OF
8 LEVELS. IN ADDITION, IF THAT WASN'T ENOUGH, THE REGIONAL
9 HOUSING NEEDS ASSESSMENT METHODOLOGY WILL ALSO BE ADVANCING
10 FOR ADOPTION IN JANUARY. JUST YESTERDAY, THE REGIONAL PLANNING
11 COMMITTEE OF ABAG MET TO REVIEW STAFF RECOMMENDATIONS FOR THE
12 RHNA METHODOLOGY. AND IT WILL BE TAKEN UP FOR APPROVAL ON THE
13 21st, AGAIN, BY THE ABAG EXECUTIVE BOARD. THIS IS A VERY BIG
14 MILESTONE AND GATE FOR OUR CITIES AND COUNTIES THROUGHOUT THE
15 REGION, FOR PURPOSES OF MEETING STATE LAW REQUIREMENTS ON
16 REGIONAL HOUSING NEEDS. THE EXPERIENCE, THOUGH, I WOULD SAY,
17 OF MOVING FORWARD THESE TWO MAJOR REGIONAL INITIATIVES
18 HIGHLIGHTED THE CHALLENGE OF HAVING TO MEET DUAL PARALLEL, AND
19 SOMETIMES CONFLICTING OBJECTIVES IN TERMS OF CLIMATE AND
20 HOUSING AFFORDABILITY AND TRANSPORTATION, AT ALL OF THE
21 MERITORIOUS, BUT THE REQUIREMENTS OF MEETING THOSE INITIATIVES
22 FROM THE STATE LEVEL JUST UNDERScoreD THAT FURTHER
23 COORDINATION IS ABSOLUTELY NECESSARY TO OPTIMIZE BEING ABLE TO
24 DEAL WITH THESE GREAT CHALLENGES. AND THE JOINT LEGISLATIVE
25 AGENDA, THAT WAS ADOPTED BY MTC AND ABAG, BACK IN DECEMBER,



January 15, 2021

1 HIGHLIGHTED A RE-LOOK, AND POSSIBLY REFORM OF SENATE BILL 375
2 WHICH UNDERSCORES ALL OF THE ELEMENT IN TERMS OF POLICY AND
3 PLANNING THEY JUST MENTIONED. SO THAT'S SOMETHING THAT WE
4 EXPECT TO BE FOCUSING ON, AND OF COURSE, I THINK IT WOULD BE,
5 OBVIOUSLY, OF GREAT INTEREST OF THIS GROUP BARC GOING FORWARD
6 AS TO HOW THAT MANIFESTS AND UNFOLD IN DISCUSSION WITH THE
7 STATE LEGISLATURE. THE OTHER THING I WOULD END WITH, OF
8 COURSE, IS THAT THE COVID RESPONSE TO THE PANDEMIC IS FRONT OF
9 MIND FOR ALL OF YOU, FOR ALL OF OUR AGENCIES AND, YOU KNOW,
10 CONTINUES TO BE A CHALLENGE, AS THIS -- I WOULD SAY TRAGEDY
11 CONTINUES TO UNFOLD BUT HOPEFULLY WE'RE MOVING FORWARD IN 2021
12 TO SEEING SOME RESOLUTION. A MAJOR INITIATIVE WE'RE ALSO
13 DEALING WITH IS, NOW BEING ABLE TO RESPOND POSITIVELY TO THE
14 COVID FEDERAL RELIEF AND FY '21 APPROPRIATIONS FROM CONGRESS
15 THAT WAS APPROVED AT VERY END OF DECEMBER. MTC IS TAKING UP
16 ACTIONS TO GET \$975 MILLION OUT TO OUR TRANSIT AGENCIES; THIS
17 IS CRITICAL ASSISTANCE AND HELP FOR OPERATIONS, OUR TRANSIT
18 OPERATORS THAT ARE STILL STRUGGLING WITH THE RESULTS OF BOTH
19 RIDERSHIP, STILL NOT COMING BACK, NEARLY AT THE LEVELS WE SAW
20 PRIOR, AS WELL AS JUST THE UNDERLYING ECONOMY OF, AT THE LOCAL
21 LEVELS, WHICH GENERATE SIGNIFICANT REVENUE THAT HELPS OUR
22 TRANSIT OPERATORS. SO, WE ARE GOING TO BE CONCENTRATING IN THE
23 MONTH EVER JANUARY, HOPEFULLY GETTING A FIRST TRANCHE OF THIS
24 FUNDING OUT BY THE END OF THE MONTH OF THE COMMISSION MEETING,
25 BRINGING A RECOMMENDATION FOR THAT, BUT THEN WORKING VERY



January 15, 2021

1 CLOSELY WITH OUR TRANSIT OPERATORS, AND STAKEHOLDERS GOING
2 FORWARD AS TO HOW THE REMAINDER OF THE FUNDING IS BEST
3 DISTRIBUTED TO MEET THE NEEDS OF OUR AGENCIES, BUT MOST
4 IMPORTANTLY, OUR TRANSIT CUSTOMERS. ALONG THOSE LINES, I END
5 BY HIGHLIGHTING THAT THE COMMISSION'S BLUE RIBBON TRANSIT
6 RECOVERY TASK FORCE, THAT WAS PULLED TOGETHER AT THE BEGINNING
7 OF THE PANDEMIC, CONTINUES ITS VERY IMPORTANT WORK WITH
8 ANOTHER MEETING ON JANUARY 25TH, WHERE WE WILL BE LAYING OUT,
9 IN MUCH MORE DEFINITIVE TERMS, THE GAME PLAN FOR, BASICALLY,
10 RE-ENVISIONS TRANSIT IN THE WAKE OF -- NOT ONLY IN THE WAKE OF
11 COVID -- THIS IS A CHALLENGE OF COORDINATING TRANSIT, HAS BEEN
12 A DECADES LONG JOURNEY, AND PURSUIT, I WOULD SAY, IN THE BAY
13 AREA, BUT BEING ABLE TO REENENVISION THIS GIVEN THE IMPACTS OF
14 THE PANDEMIC REALLY ALLOWS US AN INTERESTING SPACE TO THINK
15 HOW TRANSIT CAN BE BROUGHT BACK, BETTER, MORE RESILIENT AND
16 MORE RESPONSIVE TO THE NEEDS OF THE BAY AREA RESIDENTS SO THAT
17 REALLY IMPORTANT WORK ALSO CONTINUES. AND SO, LIKE I SAID,
18 KICKING OFF 2021, ON A LOT OF FRONTS, BUT ALL IN THE SERVICE
19 OF, YOU KNOW, MAKING THIS REGION BETTER FOR THOSE WHO LIVE,
20 WORK, AND TOO OFTEN STRUGGLE HERE. SO, THANK YOU, MADAM CHAIR,
21 FOR THAT.

22

23 **CINDY CHAVEZ, CHAIR:** THANK YOU VERY MUCH. THERE ARE ANY
24 QUESTIONS FOR THERESE? SEEING NONE, I'LL GO TO OUR NEXT
25 SPEAKER. AND I THINK THIS IS FOR THE BAY AREA AIR QUALITY



January 15, 2021

1 MANAGEMENT DISTRICT. WE HAVE VERONICA EADY HERE WITH US.

2 WELCOME.

3

4 **VERONICA EADY:** THANK YOU CHAIR CHAVEZ, AND AS WE SAY GOODBYE
5 TO YOU HERE, I'M REALLY EXCITED THAT YOU'RE TAKING OVER CHAIR
6 OF THE AIR DISTRICT BOARD. SO YOU WILL CONTINUE CHAIR CHAVEZ
7 WE'RE REALLY EXCITED ABOUT THAT. AND WITH CHAIR CHAVEZ COMING
8 IN, WE HAVE A NUMBER OF NEW BOARD MEMBERS COMING IN, THIS YEAR
9 I THINK WE HAVE ABOUT FIVE NEW BOARD MEMBERS, AND SO WE'RE IN
10 THE PROCESS OF ORIENTING THEM, AS WELL AS CHAIR CHAVEZ LEADING
11 US ON SOME REORGANIZATION EFFORTS ON THE BOARD. SO
12 REORGANIZING COMMITTEES AND STREAMLINING OUR PROCESS. IN
13 ADDITION THAT, I SHOULD MENTION THAT OVER THE LAST FEW MONTHS,
14 WE HAVE STARTED THE CONVERSATION ABOUT THE ROLE OF COMMUNITY
15 MEMBERS BOTH ON OUR BOARD O POTENTIALLY, AS WELL AS ON OUR
16 ADVISORY COUNCIL. SO WHERE THE BOARD IS CONCERNED, IN ORDER TO
17 HAVE COMMUNITY MEMBERS ON THE BOARD ITSELF, IT WOULD REQUIRE A
18 LEGISLATIVE CHANGE, BUT WE HAVE HAD SOME CONVERSATIONS ABOUT
19 WHETHER OR NOT WE MIGHT BE ABLE TO BRING COMMUNITY MEMBERS ON
20 TO OUR SUBCOMMITTEES. AND SO THAT'S A CONVERSATION THAT WE'RE
21 HAVING. AND THAT'S ALONGSIDE OF BEGINNING TO IMPLEMENT THE
22 IDEA THAT JACK BROADBENT ASKED US TO DO, WHICH IS TO DEVELOP A
23 COMMUNITY ADVISORY COUNCIL. YOU MAY KNOW THAT WE HAVE AN
24 ADVISORY COUNCIL, WHICH IS SCIENTIFIC, MORE LIKE A SCIENTIFIC
25 ADVISORY BOARD THAT IS LEGISLATED FOR US. SO WE HAVE BEEN



January 15, 2021

1 HAVING CONVERSATIONS ABOUT WHETHER OR NOT WE CAN BRING
2 COMMUNITY MEMBERS ON TO THAT, AND RIGHT NOW WE'RE RECRUITING
3 FOR ALL SEVEN POSITIONS, AND HOPING TO BRING A LITTLE BIT MORE
4 DIVERSITY TO THAT SCIENTIFIC ADVISORY COUNCIL. BUT, ALSO
5 DEVELOP A BROWN ACT COMMUNITY ADVISORY COUNCIL THAT WILL
6 ADVISE US ON ENVIRONMENTAL JUSTICE ISSUES. AND THEN THERE ARE
7 SOME IDEAS ABOUT WHETHER OR NOT THAT, ONCE THAT GROUP IS
8 EMPANELLED WE COULD HAVE A LIAISON ON OUR BOARD. SO WHERE OUR
9 BOARD IS CONCERNED, A LOT OF NEW AND EXCITING CHANGES THAT
10 YEAR THAT I'M HOPING THAT WE'RE ABLE TO IMPLEMENT. AND ON
11 STAFF SEA SIDE WE HAVE HAD SOME REORGANIZATION, I JOINED THE
12 AIR DISTRICT IN AUGUST OF LAST YEAR, IN A NEW POSITION AS THE
13 SENIOR DEPUTY EXECUTIVE OFFICER FOR POLICY AND EQUITY. SO WE
14 HAD ONE OF OUR DEPUTIES, WAYNE KINO RETIRE, SO JACK TOOK THAT
15 AS AN OPPORTUNITY TO DO FURTHER REORGANIZING, AND SO DAMIAN
16 BREEN HAS BEEN PROMOTED TO SENIOR DEPUTY EXECUTIVE OFFICER FOR
17 OPERATIONS. SO HE AND I ARE WORKING TOGETHER AND BEGINNING TO
18 GET OUR FOOTING AND I'M REALLY LOOKING FORWARD TO WORKING WITH
19 HIM IN THAT NEW ROLE. BUT AS WE REORGANIZE, AS AN
20 ORGANIZATION, WE REALLY ELEVATED OUR EFFORTS AROUND EQUITY,
21 BOTH WITH MY HIRING, WITH THE DEVELOPMENT OF AN AD-HOC
22 COMMITTEE ON EQUITY, ACCESS, AND INCLUSION, THAT WILL BE
23 CHANGING ITS NAME SOON. AND FROM THE INTERNAL PERSPECTIVE, WE
24 HAVE GOT A NUMBER OF THINGS GOING ON. WE DO HAVE -- WELL,
25 THERE WILL BE FURTHER REORGANIZATION, IN MY MANAGEMENT



January 15, 2021

1 TRAINING TO BRING SOMEBODY IN WITH EXPERTISE IN ENVIRONMENTAL
2 JUSTICE, WHICH ACTUALLY IS SOME OF MY BACKGROUND BUT WE NEED
3 MORE ENVIRONMENTAL JUSTICE STAFF AND THAT WILL CHANGE OUR
4 COMMUNITY ENGAGEMENT TEAM. SO WE'RE LOOKING FORWARD TO THAT.
5 BUT WHAT I FIND MOST EXCITING ABOUT OUR WORK IS HOW WE'RE
6 IMPLEMENTING EQUITY PRINCIPLES INTO OUR RULEMAKING, INTO OUR
7 TECHNICAL SIDE. AND SO WE HAVE BEEN LOOKING AT EXPOSURE IN
8 BURDEN ANALYSIS, OVERLAYING WITH RED LINING MAPS, WHICH, AS
9 YOU CAN IMAGINE ALIGN QUITE WELL. AND WE ARE ANTICIPATING, AS
10 WE SORT OF DO SOME MODEL AND EXPERIMENT WITH EXPOSURE AND
11 BURDEN ANALYSIS, THAT IS DRIVING OUR RULEMAKING FOR THE YEAR,
12 THIS YEAR AND BEYOND. AND THIS YEAR WE'RE LOOKING, IN
13 PARTICULAR, AT RULEMAKING AROUND PARTICULATE MATTER EMISSIONS
14 FROM REFINERIES. IN ADDITION THAT, WE ALSO ARE MOVING FORWARD
15 ON A.B. 617, AND SO, AS YOU KNOW, ASSEMBLY BILL 617 IS
16 REDUCING LOCALIZED POLLUTION IN THE MOST BURDENED COMMUNITIES
17 SO WE HAVE BEEN ACT 95 WEST OAKLAND AND IN RICHMOND, AND THE
18 FOCUS IN RICHMOND HAD BEEN AROUND COLLECTING ADDITIONAL DATA.
19 AND SO WE HAVE GOT OUR MY TURN SYSTEM UP. IT'S BEEN UP
20 OFFICIALLY SINCE LAST SUMMER, EFFECTIVELY COLLECTING DATA. IN
21 ADDITION THAT WE HAVE HIRED A COMPANY CALLED ACLIMA THAT DOES
22 MOBILE MONITORING AND THEY'RE DRIVING EVERY STREET IN THE BAY
23 AREA AT LEAST 20 TIMES SO THIS'S GOING TO GIVE US SOME REAL
24 GOOD INFORMATION ON THE LOCALIZED SCALE. BUT IN RICHMOND, IN
25 PARTICULAR, WE ARE MOVING NOW TO A COMMUNITY EMISSIONS



January 15, 2021

1 REDUCTION PLAN. AND SO WE'RE IN THE MIDDLE OF EMPANELING A
2 COMMUNITY STEERING COMMITTEE WHICH WILL BE A BROWN ACT
3 COMMITTEE. WE'RE HOPING TO HAVE THEM UP AND RUNNING AND
4 APPOINTED BY THE BOARD IN MARCH SO WE'LL HAVE A YEAR TO PUT
5 TOGETHER AN EMISSIONS REDUCTION PLAN SIMILAR TO WHAT WE HAVE
6 DONE IN WEST OAKLAND. SO REALLY EXCITED ABOUT THAT. AND I'LL
7 JUST SAY THAT, ALSO, ON THE POINT OF RACIAL EQUITY, WE HAVE
8 BEEN DOING A LOT OF WORK INTERNALLY. SO WE HAVE BEEN DOING A
9 LOT OF TRAINING. WE HAVE HAD SOME SPEAKERS, AND THE ACADEMIC
10 FROM BOSTON UNIVERSITY, MACKENZIE, HAS DONE A NUMBER OF BOOKS
11 THAT HAVE WON THE NATIONAL BOOK AWARD BUT ONE OF HIS BOOK IS
12 ENTITLED HOW TO BE AN ANTIRACIST. AND I KNOW THAT WE INVITED
13 MANY OF YOUR STAFF TO COME. IT WAS REALLY GREAT CONVERSATION.
14 AND WE'VE HIRED THE NATIONAL INSTITUTE FOR TRAINING ON RACIAL
15 EQUITY FROM MOREHOUSE COLLEGE IN ATLANTA, A HISTORICALLY BLACK
16 UNIVERSITY. AND OUR DIVERSITY AND EQUITY AND INCLUSION TEAM
17 HAVE BEEN REALLY GOOD AROUND PULLING TOGETHER INFORMAL
18 CONVERSATIONS WITH STAFF AROUND ISSUES OF RACIAL EQUITY, WE
19 CALL THAT SERIES "IF BEALE STREET COULD TALK" CONVENIENTLY
20 NAMED AFTER A BOOK BY JAMES BALDWIN, APPROPRIATELY, WE'RE ON
21 BEALE STREET. OUR LATEST CONVERSATION TOOK PLACE LAST WEEK. IT
22 WAS CALLED HASHTAG "A STATE'S OF DEMOCRACY" WHERE TALKED ABOUT
23 EVENTS THAT HAPPENED AT THE CAPITOL LAST WEEK. AND SO IT'S
24 BEEN REALLY EXCITING, FOR ME, THAT OUR AGENCY REALIZES IT'S



January 15, 2021

1 IMPORTANT TO FOSTER CONVERSATIONS AND FOSTER HEALING, AND I
2 FEEL LIKE, ALSO, COMMUNITY AMONG THE STAFF. I'LL END THERE.

3

4 **CINDY CHAVEZ, CHAIR:** THANK YOU VERONICA. THANKS FOR JOINING US
5 TODAY. WE'RE GOING TO GO TO -- I KNOW THAT LARRY IS AWAY
6 TODAY. SO I DON'T KNOW, ZACK, IF THERE IS ANY UPDATES YOU
7 WANTED TO GIVE? OR -- NOT TO PUT YOU ON THE SPOT, BUT IT WAS
8 ALLISON'S IDEA -- [LAUGHTER] I'M JUST KIDDING. TOTALLY
9 KIDDING.

10

11 **ZACK WASSERMAN:** I THINK THIS IS ONE OF THOSE VERY RARE
12 OCCASIONS WHERE LARRY LOSES PINT -- POINT OR TWO FOR NOT
13 PREPARING ME. THAT DOESN'T HAPPEN VERY OFTEN AT ALL. I DON'T
14 HAVE A LOT TO REPORT. WE HAVE HAD A LITTLE BIT OF A LULL OR
15 SLOW DOWN, OBVIOUSLY COVID RELATED IN OUR ACTIVITIES ON
16 ADDRESSING RISING SEA LEVEL AND BAY ADAPT, BUT WE ARE PICKING
17 UP, AGAIN THIS MONTH, AND NEXT, AND STARTING TO MOVE FORWARD.
18 WE'VE HAD A NUMBER OF STAFF TURNOVERS. AND WE'RE NOT ALONE IN
19 THIS, BUT ONE OF THE PROBLEMS BCDC FACES AS A STATE AGENCY IN
20 A HIGH EXPENSE AREA IS OUR STATE WAGES DO NOT REALLY COMPARE
21 WITH A NUMBER OF OTHER PLACES, INCLUDING AGENCIES REPRESENTED
22 ON THIS SCREEN. AND NO BLAME FOR ANYBODY. DOING WHAT YOU
23 SHOULD DO. BUT IT IS A CONTINUING PROBLEM. AND WE CAN REVISIT
24 IT IN TERMS OF TALKING TO THE STATE GOVERNMENT. OBVIOUSLY NOT



January 15, 2021

1 SO MUCH RIGHT NOW. THAT'S PRETTY MUCH THE REPORT. I'M SURE
2 LARRY WOULD DO A BETTER JOB.

3

4 **CINDY CHAVEZ, CHAIR:** YOU DID GREAT. THANK YOU. WE'LL NOW GO TO
5 CALIFORNIA STATE COAST AN CONSERVANCY. AND I KNOW I SAW SAM
6 HERE. SO, SAM, TURNING IT OVER TO YOU.

7

8 **SAM SHUCHAT, E.O.:** THANK YOU CHAIR CHAVEZ GOOD MORNING AND
9 CONGRATULATIONS ON THE TRANSITION. IT'S ALWAYS DELIGHTFUL TO
10 WATCH A PEACEFUL TRANSITION OF POWER.

11

12 **CINDY CHAVEZ, CHAIR:** [LAUGHTER]

13

14 **SAM SHUCHAT, E.O.:** I HAVE BEEN WAITING 20 MINUTES TO SAY THAT.

15

16 **AMY R. WORTH, VICE CHAIR:** I DON'T THINK THE FLOWERS HAVE GONE
17 FROM THE CURRENT ADMINISTRATION TO THE --

18

19 **CINDY CHAVEZ, CHAIR:** [LAUGHTER]

20

21 **SAM SHUCHAT, E.O.:** THE BIG NEWS IS THE COAST AN CONSERVANCY
22 RECENTLY IS THAT I HAVE ANNOUNCED MY PLANS TO RETIRE IN JULY
23 FROM STATE SERVICE.

24

25 **CINDY CHAVEZ, CHAIR:** CONGRATULATIONS.



January 15, 2021

1

2 **SAM SHUCHAT, E.O.:** I AM EXCITED TO BE -- ALREADY MAKING PLANS

3 TO GO BACK TO WORKING WITH PROGRESSIVE ORGANIZATIONS IN OTHER

4 STATES, PROVIDING, YOU KNOW, TECHNICAL ASSISTANCE TO THEM. THE

5 ONE SORT OF SUBSTANTIVE REPORT I WANTED TO GIVE, THE COASTAL

6 CONSERVANCY'S BOARD, LAST YEAR, ABOUT THE MIDDLE OF LAST YEAR,

7 ADOPTED A SET OF JUSTICE, EQUITY, DIVERSITY, AND INCLUSION

8 PRINCIPLES THAT HAD BEEN UNDER DEVELOPMENT FOR QUITE A WHILE,

9 AND ONE OF THE DO-OUTS FROM THAT IS GOING HAPPEN THIS YEAR.

10 THE CONSERVANCY IS GOING TO REVISE ITS PROJECT SELECTION

11 CRITERIA TO MAKE THEM MORE CONSISTENT WITH THE EQUITY

12 PRINCIPLES THAT WE ADOPTED, AND ALTHOUGH THAT SOUNDS KIND OF

13 BORING AND BUREAUCRATIC, IN FACT SINCE ALMOST EVERY -- NOT

14 EVERY JURISDICTION THAT I'M LOOK AT ON MY SCREEN HERE HAS

15 RECEIVED FUNDING FROM THE COASTAL CONSERVANCY, THIS IS A

16 PROCESS THAT YOU ALL MIGHT WANT TO FOLLOW AND COMMENT ON.

17 BECAUSE IT IS ALL ABOUT, BASICALLY, WHO GETS -- WHO GETS THE

18 FUNDING. AND IT WILL, OF COURSE, THERE WILL BE A PUBLIC

19 PROCESS ROLLING OUT IN THE NEXT FEW MONTHS. WE HOPE TO HAVE

20 THIS CONCLUDED BY THE END OF THE YEAR. THIS IS NOT MY LAST

21 BARC MEETING. SO, I'M NOT GOING TO SAY GOODBYE. I HAVE GOT A

22 FEW MORE OF THOSE. BUT, I HAVE VERY MUCH ENJOYED BEING A PART

23 OF THIS, AND I DON'T DOUBT THAT MY SUCCESSOR, WHOEVER THAT

24 MIGHT BE, WILL LIKEWISE ENJOY BEING A PART OF THIS.

25



January 15, 2021

1 **CINDY CHAVEZ, CHAIR:** THANK YOU, SAM. THANKS VERY MUCH. AND
2 THANKS FOR ALL YOUR WORK. AND I AM EXCITED FOR YOU, TO START
3 TROUBLE ALL OVER THE COUNTRY, THAT'S FABULOUS. ALL RIGHT. SO
4 NOW WE'RE GOING TO MOVE TO THE SAN FRANCISCO BAY REGIONAL
5 WATER QUALITY CONTROL BOARD. AND THIS IS A PRESENTATION. AND
6 I'M -- I THINK THERE IS A LOT OF INTEREST AND EXCITEMENT IN
7 THIS TOPIC. AND SO MICHAEL, I THINK WE'RE STARTING TO TURN IT
8 OVER TO YOU. IS THAT RIGHT?

9

10 **MICHAEL MONTGOMERY:** THANK YOU, CHAIR CHAVEZ. I WANT TO GIVE A
11 QUICK UPDATE ON A FEW THINGS BEFORE WE GET INTO OUR PANEL --
12 WATER BOARD UPDATE. WE'RE CONTINUING TO DO A NUMBER OF THINGS
13 IN RESPONSE TO COVID WITH THE STAY-AT-HOME ORDERS WE'VE SEEN
14 AN UPTICK IN REGULATORY RELIEF REQUESTS, YOU KNOW, BOTH FROM
15 MUNICIPALITIES, AND FROM PRIVATE ENTITIES WHICH WE'RE WORKING
16 ON TO REVIEW AND ADDRESS. WE'RE ALSO CLOSELY TRACKING RESEARCH
17 EFFORTS THAT ARE HAPPENING STATEWIDE IN THE BAY AREA AROUND
18 USING A WASTEWATER COLLECTION SYSTEM TO TRACK COVID PRESENCE.
19 THAT'S RESEARCH BEING CONDUCTED IN CONJUNCTION WITH THE
20 STANFORD, UC BERKELEY, AND THE CDC, AND THE STATE DEPARTMENT
21 OF PUBLIC HEALTH. WE'LL HAVE THE REPORTS AND MAKE SURE TO
22 SHARE IT AND WE HAVE STAFF THAT ARE OUT PROVIDING SUPPORT TO
23 THE STATEWIDE CONTACT TRACING EFFORTS. WE HAVE ABOUT A HALF A
24 DOZEN STAFF SUPPORTING THAT. ON FIRE RECOVERY WE'RE CONTINUING
25 TO PROVIDE STAFF SUPPORT ON RESOURCE CONSERVATION DISTRICTS TO



January 15, 2021

1 COUNTIES AND PRIVATE LAND HOLDERS TO EXPEDITE PERMITTING WORK
2 TO ALLOW FOR THE RECOVERY WORK TO HAPPEN IN KEY WATER SHEDS
3 THAT WERE IMPACTED BY THE FIRES AND WE HAVE SOME STAFF OUT ON
4 FIELD SUPPORT. THAT'S KIND OF MY UPDATE. I'LL TRANSITION INTO
5 OUR PANEL ON GREEN INFRASTRUCTURE. OUR PANEL WILL BE LED BY
6 KEITH LICHTEN, WHO IS CHIEF FOR OUR WATER SHEDS DIVISION. WE
7 HAVE A NUMBER OF OTHER ESTEEMED PANELISTS WHICH I WILL HAVE
8 KEITH INTRODUCE AND ALSO JOINING US TODAY ASSISTANT EXECUTIVE
9 OFFICER TOM MUNLY, WHO IS INVOLVED IN WORKING WITH KEITH TO
10 ENGAGE MUNICIPALITIES AS WE PREPARE FOR THE REISSUANCE OF
11 MUNICIPAL REGIONAL STORMWATER PERMIT. I'LL TURN IT OVER TO
12 KEITH.

13

14 **KEITH LICHTEN:** WE HAVE SOME PRESENTATIONS AND SLIDES TO SHOW
15 ALONG WITH THE MEETING. GREAT. THANK YOU. LET'S SEE IF I CAN
16 GET -- OKAY. SO WE HEARD FROM THE BOARD THAT THERE WAS
17 INTEREST IN THE STATUS OF OUR MUNICIPAL STORMWATER AND I'LL
18 TALK ABOUT THAT AND THEN GET TO MUNICIPAL REGIONAL STORMWATER
19 HERE IN THE BAY AREA AND THE PANEL WILL GET TO THE GREEN
20 INFRASTRUCTURE. NEXT SLIDE PLEASE I'LL GIVE BACKGROUND ON THE
21 MUNICIPAL REGIONAL STORMWATER PERMIT, OR MRP, AS WE CALL IT
22 FOR SHORT, THAT WE'RE CURRENTLY IN THE PROCESS OF REISSUING,
23 AND GO OVER THE REISSUING SCHEDULE. I'LL TOUCH ON KEY ISSUES
24 AROUND REISSUANCE, INCLUDING HOW WE HAVE RESPONDED TO COVID-19
25 RELATED CHALLENGES, SUCH AS IMPACTS TO MUNICIPAL BUDGETS. I'LL



January 15, 2021

1 NOTE THE MRP'S ROLE AND TOUCH ON MUNICIPAL PROGRESS CLEANING
2 UP TRASH AND OTHER POLLUTANTS. AND FINALLY SEGUE INTO GREEN
3 INFRASTRUCTURE AS A KEY MULTI-BENEFIT TOOL NOTED AS MOST
4 TYPICALLY IMPLEMENTED AS PART OF NEW AND REDEVELOPMENT
5 PROJECTS AT THE SAME TIME WE'RE SEEING A RANGE OF CHALLENGES
6 WE NEED TO ADDRESS IN THE BAY AREA AROUND CLIMATE CHANGE
7 INCLUDING WITH RESPECT TO WATER SUPPLY, AND INCREASE IN URBAN
8 TEMPERATURE, AND ALTHOUGH WE'RE NOT SEEING IT THIS YEAR,
9 INCREASES IN BIG RAIN STORMS THAT CAN CAUSE FLOODING. GREEN
10 INFRASTRUCTURE IS A MULTI-TOOL BENEFIT THAT NOT ONLY HELPS
11 CREEKS IN THE BAY BUT CAN HELP ADAPT TO CLIMATE CHANGE. WE
12 HAVE A STRONG PANEL THIS MORNING INCLUDING MATT FABRY FROM CK
13 AND SAN MATEO COUNTYWIDE WATER POLLUTION PREVENTION PROGRAM,
14 JOSH BRADT, AND SAN FRANCISCO ESTUARY PARTNERSHIP, AND ROBIN
15 GROSSINGER, SAN FRANCISCO ESTUARY INSTITUTE TO TALK ABOUT
16 OPPORTUNITIES AND CHALLENGES. NEXT SLIDE PLEASE. THIS IS MY
17 30TH ANNIVERSARY SLIDE. THE WATERBOARD ISSUED THE FIRST
18 STORMWATER PERMITS IN THE EARLY 1990S. AT THIS POINT ALMOST
19 EVERY BAY AREA MUNICIPALITY HAS A STORMWATER PROGRAM GOING ON
20 UP TO 30 YEARS. WE STARTED WITH COUNTY-WIDE PERMITS AND
21 SHIFTED TO THE MRP, A REGIONAL PERMIT THAT COVERS MOST
22 MUNICIPALITIES, FROM SAN MATEO COUNTY DOWN TO SILICON VALLEY,
23 UP THROUGH ALAMEDA AND CONTRA COSTA COUNTIES, PLUS NORTH BAY
24 CITIES. WE STARTED WITH THE MRP IN 2009, SHOWN HERE. WE
25 REISSUE EVERY FIVE YEARS, REISSUED LAST IN 2015. AS YOU KNOW



January 15, 2021

1 THE MRP IS A PERMIT THAT SETS EXPECTATIONS FOR HOW WE SHOULD
2 BE DOING BUSINESS TO MINIMIZE URBAN RUNOFF POLLUTION TO CREEKS
3 AND WETLANDS IN THE BAY. HERE ARE THE SLIDES I PROMISED,
4 REISSUING MRP WE DO EVERY FIVE YEAR COLLABORATIVE STAKEHOLDER
5 PROCESS INCLUDES STEERING COMMITTEE WITH REPRESENTATIVES FROM
6 ALL MUNICIPALITIES, AND WORK GROUPS ON SPECIFIC MRP PROVISIONS
7 INCLUDING TRASH AND REDEVELOPMENT. LOWER BOX IS THE SCHEDULE
8 WE EXPECT TO RELEASE AN ADMINISTRATIVE DRAFT FOR COMMENT
9 AROUND THE END OF THIS MONTH AND THIS SUMMER WE EXPECT TO
10 RELEASE A PUBLIC DRAFT UPDATE IN RESPONSE TO COMMENTS ON THE
11 ADMINISTRATIVE DRAFT FOR FORMAL PUBLIC COMMENT. AND TO HOLD
12 TESTIMONY HEARINGS BEFORE OUR BOARD SO THOSE WILL BE IN
13 ADDITION TO THE ONGOING STAKEHOLDER MEETINGS THAT WILL BE
14 FOLLOWED BY A LATE 2021 ADOPTION HEARING WITH NEW PERMIT PLANS
15 TO BECOME EFFECTIVE JULY 1ST, 2022 ALIGNED WITH MUNICIPAL
16 FISCAL YEARS TO FACILITATE PLANNING AND REPORTING. NEXT SLIDE
17 PLEASE. I'LL NOTE WE'RE WELL AWARE OF COVID-19 CHALLENGES, AND
18 I WANT TO THANK THE MUNICIPALITIES FOR COMMUNICATING THEM TO
19 US AND WE ARE INCORPORATING INTO THE MRP OR AT LEAST
20 CONSIDERING OPPORTUNITIES TO ADAPT TO CHALLENGES BY MODIFYING
21 PERMIT SCHEDULES AND RECOGNIZING COLLABORATIVE INDIVIDUAL
22 WORK. I'LL NOTE BRIEFLY THE MRP INCORPORATES A RANGE OF
23 EXPECTATIONS AROUND URBAN RUNOFF CONTROL OF TRASH, POLLUTANTS,
24 AND ADDRESSING DISCHARGES ASSOCIATED WITH UNSHELTERED
25 HOMELESSNESS. AND RECOGNIZING EFFORTS OF CITIES LIKE OAKLAND,



January 15, 2021

1 SAN JOSE, EAST PALO ALTO AND AS WELL AS CITIES AROUND THE BAY
2 ON THE CONTROL OF TRASH. LET'S SWITCH TO GREEN INFRASTRUCTURE.
3 NEXT SLIDE PLEASE. AS NOTED ABOVE GROWN INFRASTRUCTURE IS
4 IMPLEMENTED WITH REQUIREMENTS PLACED ON TO PRIVATE AND NEW
5 REDEVELOPMENT PROJECTS AND QUALIFYING PUBLIC PROJECTS TO
6 INCLUDE GREEN INFRASTRUCTURE BY APPLYING LOW IMPACT
7 DEVELOPMENT PHILOSOPHY. IF YOU TAKE RUNOFF TO SLOW IT DOWN,
8 SPREAD IT OUT AND LET IT SINKS INTO THE GROUND. THE BAY AREA
9 WAS A LEADER ON THIS IN THE LATE 1990S SUPPORTING SOURCE
10 DESIGN MANUAL AND OTHER MUNICIPALITIES NATION-WIDE HAVE SORT
11 OF CAUGHT UP. WE WERE FOLLOWING PRINCE GEORGE'S COUNTY IN D.C.
12 BUT CERTAINLY OUR COMBINED MUNICIPALITIES PHILADELPHIA BOSTON,
13 CHICAGO HAVE CAUGHT UP AS PART OF THEIR PROGRAMS. EACH MRP
14 PERMITTEE PREPARED A GREEN INFRASTRUCTURE PLAN TO RECOGNIZE
15 GREEN INFRASTRUCTURE WITHIN THEIR JURISDICTION AND NEXT STEPS
16 THEY PLAN TO TAKE OVER THE NEXT 20 YEARS WE EXPECT
17 MUNICIPALITIES TO CONTINUE TO IMPLEMENT THEIR PLANS WHICH
18 CONTINUE TO SUPPORT THE LOW IMPACT DEVELOPMENT DESIGN
19 APPROACH. I HAVE A FEW NOTES HERE JUST TO GIVE EXAMPLES. I
20 MENTIONED QUALIFYING REGULATED PROJECTS ARE THOSE THAT ARE
21 REQUIRED TO IMPLEMENT CONTROLS PARTICULARLY WITH THE
22 IMPERVIOUS SURFACE AND CHARACTERISTIC SHOWN HERE. AND SAN
23 PABLO SUPPORTING EPA GRANT WHERE CITIES CAN CHANNEL FUNDS FROM
24 REGULATED PROJECTS TO SUPPORT MORE BANG FOR THE BUCK DISTRICT
25 SCALE OR LARGER SCALE PROJECTS. LET'S GO TO THE NEXT SLIDE



January 15, 2021

1 PLEASE. SO LET'S SAY IN CLOSING AND THEN TO SHIFT TO THE OTHER
2 PANEL MEMBERS WHO WILL TALK ABOUT RESILIENT GREEN
3 INFRASTRUCTURE AS WELL I'LL TALK ABOUT THE GI PLAN TO FIGURE
4 OUT HOW WE CAN USE GREEN INFRASTRUCTURE TO ADDRESS CLIMATE
5 CHALLENGES WATER QUALITY CHALLENGES FROM TRASH AND POLLUTANTS
6 LIKE OIL, GREASE AND HEAVY METAL THIS IS PROJECT IS NOT IN THE
7 BAY AREA IT'S BETWEEN SAINT PAUL, MINNEAPOLIS, MINNESOTA IT'S
8 HELPING WATER SUPPLY REUSE SOIL HERE AS A FILTER, AND
9 SUPPORTING PARKS AND SURROUNDING RESIDENTS AND CUSTOMERS. IT'S
10 PART OF THE STREETCAR LINE DEVELOPMENT IN DOWNTOWN MINNEAPOLIS
11 AND DOWNTOWN SAINT PAUL. WITH THAT SAID THANKS FOR LETTING ME
12 GIVE YOU THIS INTRODUCTION AND I WOULD LIKE TO PASS IT ALONG
13 TO MATT.

14

15 **SPEAKER:** OF LET ME GET MY POWERPOINT UP REAL QUICK. HOPEFULLY
16 YOU ARE SEEING MY SLIDES. MY NAME IS MATT FABRY AND I WORK FOR
17 THE CITY COUNTY ASSOCIATION OF GOVERNMENTS SAN MATEO COUNTY
18 WHERE JOINT POWERS AGENCY PRIMARILY CONGESTION MANAGEMENT BUT
19 THE COUNTY-WIDE STORMWATER PROGRAM. OUR ROLE IS TO SUPPORT 21
20 MEMBER AGENCIES IN COMPLYING WITH THESE REQUIREMENTS. I AM
21 CHAIR OF THE BAY AREA STORMWATER MANAGEMENT MANAGEMENT AGENCY
22 REGIONAL COLLABORATION AMONGST THE COUNTY-WIDE STORMWATER
23 PROGRAMS. WE HAVE SIGNIFICANT WATER QUALITY DRIVERS SOLVING
24 SOME OF THE SIGNIFICANT POLLUTING ISSUES. THE SLIDE HERE IS
25 THE FISH ADVISORY SHOWING YOU SHOULDN'T EAT CERTAIN FISH AT



January 15, 2021

1 CERTAIN FREQUENCIES OR AT ALL BASED ON POLLUTANT IN SAN
2 FRANCISCO BAY. THE OTHER ISSUE THAT CCAG HAS BEEN LOOKING AT
3 IS CLIMATE AFFECT ON PRECIPITATION. THIS IS RESULT OF MODELING
4 WE LOOKED AT REALLY AT HOW RUNOFF DEPTH WOULD CHANGE WITH
5 DIFFERENT STORM OCCURRENCE FREQUENCIES. AND YOU CAN SEE THE
6 INCREASING DARKENING COLOR SHOWS THAT THERE IS GOING TO BE
7 INCREASED AMOUNTS OF RUNOFF AND WHEN YOU GET TO SOME OF THESE
8 LARGE STORMS LIKE A 50 YEAR OR 100 YEAR STORM WE HAVE AREAS OF
9 OUR COUNTY THAT ARE GOING TO SEE SIGNIFICANT INCREASES IN
10 RUNOFF VOLUME THAT'S UNDOUBTEDLY GOING TO LEAD TO MAJOR
11 FLOODING PROBLEMS BUT EVEN WITH THE SMALLER STORMS I THINK
12 IT'S IMPORTANT TO NOTE HERE WHAT'S NOT SHOWN IS THAT STORM
13 DRAIN SYSTEMS ARE TYPICALLY SIZED FOR THINGS LIKE A 10-YEAR
14 STORM. AND WHAT OUR MODELING SHOWED IS THAT WHEN WE LOOK OUT
15 INTO THE FUTURE, A FUTURE, 10-YEAR EVENT MIGHT LOOK LIKE A
16 CURRENT 25-YEAR EVENT. SO A STORM THAT WOULD HAVE THE
17 RECURRENCE FREQUENCY OF WHAT YOU WOULD EXPECT TO SEE A TEN
18 YEAR STORM IN THE FUTURE IS POTENTIALLY GOING TO OVERWHELM OUR
19 STORM DRAIN SYSTEMS LEAD BEING TO FLOODING OF STREETS. WE'RE
20 GOING TO HAVE TO MANAGE STORMWATER AT MULTIPLE SCALES AND IT'S
21 GOING TO BE ESSENTIAL TO DO IT AT ALL THESE DIFFERENT SCALES
22 AT THE PRIMARY THING THAT KEITH TALKED ABOUT PARTIAL SCALE
23 WHERE RAIN FALLS ON A PARTICULAR SITE AND THIS IS HAPPENING
24 THROUGH NEW AND REDEVELOPMENT AND IS PRIMARILY REQUIRED AS
25 PART OF THE REGIONAL REQUIREMENTS SAYING CERTAIN SIZES HAVE TO



January 15, 2021

1 INCORPORATE STORMWATER TREATMENT FEATURES F YOU STEP OUT INTO
2 A LARGER SCALE YOU START TO SEE MANAGING STORMWATER RUNOFF IN
3 A BLOCK SCALE AND PUTTING INFRASTRUCTURE IN THE PUBLIC RIGHT
4 OF WAY IN THE STREETS YOU START TO HAVE WHAT WE CALL GREEN
5 STREETS OR WHEN YOU INCORPORATE WITH OTHER TRANSPORTATION
6 INVESTMENTS WE START LOOKING AT WHAT WE CALLED SUSTAINABLE
7 STREETS CAPTURING THINGS AT A LARGER SCALE STEPPING OUT
8 FURTHER AT THE REGIONAL SCALE PUTTING LARGE RETENTION
9 FACILITIES POTENTIALLY UNDERNEATH PARKS OR PLAYING FIELDS OR
10 PARKING LOTS CAPTURING RUNOFFS FROM HUNDREDS OF THOUSANDS OF
11 ACRES AND MANAGING SIGNIFICANT VOLUMES OF WATER AT ONE
12 LOCATION. THIS IS JUST AN EXAMPLE OF A PARTIAL SCALE PROJECT
13 LARGE RAIN GARDEN THAT WAS INSTALLED AS PART OF THE CITY HALL
14 RETROFIT IN THE CITY OF BRISBANE MANAGES RUNOFF FROM THE
15 PARKING LOT AS WELL AS THE ROOF OF THE FACILITIES THIS SHOWING
16 HOW GREEN INFRASTRUCTURE CAN BE INTEGRATED WITH THE SITES
17 BECOMING A VISUAL AMENITY WHILE ALSO MANAGING STORMWATER. THE
18 IMPORTANT THING I WANT TO NOTE IS THE WATER BOARD IS SETTING
19 THE STANDARDS WHICH HAVE PROJECTS HAVE TO DO THESE PROJECTS,
20 BUT THE WATER BOARD HAS FOCUSED ON WATER QUALITY OUTCOMES, AND
21 SO WE'RE DESIGNING THESE PROJECTS TO DRAIN QUICKLY, AND FILTER
22 THE SOIL -- OR FILTER THE WATER THROUGH THE SOIL, CLEAN THE
23 WATER UP AND THEN POTENTIALLY SEND THE CLEAN WATER BACK TO THE
24 STORM DRAIN SYSTEM. NOT NECESSARILY DESIGNING TO DEAL WITH
25 RETENTION TO DEAL WITH ISSUES THAT ARE GOING TO DEAL WITH



January 15, 2021

1 ISSUES BROUGHT ON BY CLIMATE CHANGE AND THE REQUIREMENTS UNDER
2 THE REASSURANCE OF PERMITS THIS HAS THE ABILITY TO GO FORWARD
3 IT REQUIRES SPACE TO PUT IN FACILITIES AND THERE ARE CERTAIN
4 PROJECTS THAT ARE DENSE. YOU KNOW, MUCH DENSER THAN THIS
5 EXAMPLE THAT I'M SHOWING WHERE IT MAY BECOME MORE AND MORE
6 PROBLEMATIC TO BE ABLE TO INCORPORATE THE STORMWATER
7 MANAGEMENT FEATURES SO IT CAN HAVE AN IMPACT ON IMPORTANT
8 PROJECTS LIKE AFFORDABLE HOUSING PROJECTS OR TRANSIT ORIENTED
9 DEVELOPMENT PROJECTS, THE JURISDICTIONS ARE REALLY TRYING TO
10 PUSH THROUGH TO HELP WITH THE HOUSING CRISIS WHEN WE LOOK AT
11 THE STREET SCALE THIS IS AN EXAMPLE OF A TYPICAL HISTORIC
12 DEVELOPMENT PATTERNS IN THE BAY AREA. THIS IS AN EXAMPLE,
13 LIKE, OF EL CAMINO REAL, WHERE I WORK, WE HAVE TRAFFIC LANES
14 MINIMAL PEDESTRIAN AMEN TEES NO BIKE LANES RELATIVELY LOW
15 DENSITY DEVELOPMENT LOTS DRIVEWAY CUTS. WE ARE LOOKING AT BIKE
16 AND PEDESTRIAN IMPROVEMENTS TRANSIT IMPROVEMENTS PUTTING WATER
17 SIDEWALKS AND SETBACKS FOR BUILDING WHERE WE GET WIDER
18 SIDEWALKS AND PEDESTRIAN SPACE PUTTING IN TREES AND VEGETATION
19 WE ARE INCORPORATING BIO RETENTION AREAS PERMEABLE PAVEMENT
20 LARGER CAP PEA TREES THAT CAN HELP PROVIDE SHADING. THIS IS AN
21 IMPORTANT ISSUE THAT THESE PROJECTS ARE DEPENDENT ON HOW WE
22 PRIORITIZE FUNDING PROGRAMS AND HOW WE PRIORITIZE WHAT WE WANT
23 TO SEE IN PROJECTS AND I WOULD ARGUE THAT IT'S TOO LATE FOR US
24 TO JUST MAKE SINGULAR BENEFIT INVESTMENT IN TERMS OF TRYING TO
25 SATISFY EITHER GREENHOUSE GAS EMISSIONS REDUCTIONS OR BICYCLE



January 15, 2021

1 AND PEDESTRIAN ACCESS THAT WE HAVE TO START BUILDING IN
2 RESILIENCE SEE ABOUT THESE PROJECTS AS WELL AND WE NEED TO DO
3 THAT BY PRIORITIZING IT WITH OUR PROJECT OBJECTIVES THAT COME
4 WITH OUR FUNDING PROGRAMS AS WELL AS MAKING SURE THERE ARE
5 FUNDING SOURCES ARE DESIGNED TO SUPPORT THESE TYPES OF
6 PROJECTS. AND THEN AT THE REGIONAL SCALE THIS IS AN EXAMPLE OF
7 A PROJECT THAT'S GOING INTO CONSIDERATION IN THE COMING MONTH
8 IN SOUTH SAN FRANCISCO THIS IS SHOWING ORANGE MEMORIAL PARK
9 WHICH HAS COLMA CREEK RUNNING THROUGHOUT PARK, THE BLUE LINE
10 THIS PROJECT RECEIVED FUNDING FROM CALTRANS AS A RESPONSE TO
11 CALTRANS'S STATEWIDE OBLIGATIONS TO IMPROVE STORMWATER QUALITY
12 SO THEY ARE PUTTING IN A LARGE UNDERGROUND CISTERN FACILITY
13 THAT DIVERTS FLOW FROM COLMA CREEK DIVERS IT INTO THE SIFT
14 EARN SO YOU'LL GET A CERTAIN AMOUNT OF INFILTRATION OF THE
15 GROUNDWATER BASIN FOR THE MORE RESILIENT WATER SUPPLY AND ALSO
16 TREATING WATER USING IT FOR IRRIGATING THE PARK. THAT IT WILL
17 ALSO BE REMOVING TRASH AND THESE OTHER POLLUTANTS THAT THE
18 WATER BOARD IS CONCERNED WITH BUT ALSO BEING ABLE TO DIVERT A
19 DECENT CHUNK OF WATER IS NOT GOING TO SOLVE THE FLOODING
20 CONCERNS ON COLMA CREEK BUT THESE PROJECTS WHEN YOU START TO
21 ADD UP MULTIPLE PROJECTS LIKE THIS START TO HAVE AN IMPACT IN
22 TERMS OF PROVIDING FLOOD RESILIENCE THESE PROJECTS AREN'T
23 CHEAP THEY HAVE 15 OR \$16 MILLION POT OF FUNDING THAT WENT
24 INTO DESIGN AND CONSTRUCTION SO THEY'RE NOT INSIGNIFICANT.
25



January 15, 2021

1 **CINDY CHAVEZ, CHAIR:** MATT, CAN I ASK YOU TO HOLD ON FOR ONE
2 MOMENT. NICK, DID YOU WANT TO ASK A QUESTION NOW?

3

4 **COM. NICK JOSEFOWITZ:** NO. NO. THANK YOU FOR NOTICING THAT. I
5 JUST STUCK MY HAND UP SO I COULD ASK A QUESTION AFTER THIS IS
6 ALL OVER.

7

8 **CINDY CHAVEZ, CHAIR:** GREAT THANKS. MATT, SORRY ABOUT THAT.

9

10 **SPEAKER:** I'LL LEAVE IT WITH HOW DO WE COLLABORATIVELY WORK
11 TOGETHER TO MANAGE STORMWATER AND I WOULD SAY THE PRIMARY
12 DRIVER FOR MANAGING STORMWATER IS THE REGIONAL STORMWATER
13 PERMIT BUT THE WATER BOARD FOCUS ON WATER QUALITY OUTCOMES AND
14 IF WE'RE GOING TO ACHIEVE THE LONG-TERM OUTCOMES THAT WE NEED
15 TO ACHIEVE TO BUILD CLIMATE RESILIENCY WE NEED TO START
16 WORKING COLLABORATIVELY ON DEALING WITH THE STORMWATER ISSUE
17 AND NOT JUST HAVING IT BEING PUSHED BY WATER QUALITY FOCUS AND
18 PUSH FOR RESILIENCY TARGETS IN MANAGING STORMWATER DIFFERENTLY
19 AND INCORPORATING STORMWATER INTO OUR FUNDING PROGRAMS CONNECT
20 TRANSPORTATION AND STORMWATER BETTER THINK ABOUT HOW
21 STORMWATER REQUIREMENTS FIT IN WITH OUR DEVELOPMENT PATTERNS
22 AND HOUSING AND THE PRIORITY ISSUES AROUND THOSE. BUT ALSO HOW
23 DO WE MOVE FORWARD ON THESE LARGER REGIONAL SCALE PROJECTS
24 THAT ARE GOING HELP US WITH FLOOD RESILIENCE AND WATER SUPPLY
25 ISSUES AND BUILDING BETTER RESILIENCE FOR CLIMATE IMPACT. I



January 15, 2021

1 ENCOURAGE THIS GROUP TO THINK ABOUT CRITICALLY AND BE ACTIVELY
2 ENGAGED IN THE REASSURANCE PROCESS IN THE REGIONAL TERM AROUND
3 THESE REQUIREMENTS. WITH THAT I'M HAPPY TO TURN IT OVER TO
4 JOSH. I'LL STOP SHARING MY SCREEN.

5

6 **JOSH BRADT:** THANK YOU. I THINK LUCIAN IS GOING TO RESTART
7 POWERPOINT. MY NAME IS JOSH BRADT ENVIRONMENTAL PLANNER AT
8 ESTUARY PARTNERSHIP SAN FRANCISCO STREET PARTNERSHIP. I HAVE
9 BEEN WORKING ON GREEN STORMWATER INFRASTRUCTURE POLICIES
10 PROJECT PLANNING AND DESIGN AND IMPLEMENTATION SINCE 2013 AND
11 OUR WORK IS TO COLLABORATIVELY PROMOTE PROJECTS AND PROGRAMS
12 THAT IMPROVE AND PROTECT WATER QUALITY AND HABITATS IN AND
13 AROUND THE BAY. OUR STAFF AND EMPLOYEES AT ESTUARY OF
14 EMPLOYEES OF MTC AND WE ARE LUCKY TO BE HOUSED AT THE METRO
15 CENTER. AS I'M IN MY LAUNDRY ROOM/OFFICE, I DON'T KNOW IF THE
16 SLIDES ARE COMING UP YET, MY FIRST SLIDE REALLY TALKS ABOUT --
17 REALLY BUILDS ON WHAT MATT WAS SAYING ABOUT WATER QUALITY
18 BEING THE REGULATORY DRIVER OF GREEN STREETS HOWEVER THERE ARE
19 OTHER BENEFITS THAT COME WITH GREEN STREETS THAT CAN COME WITH
20 GREEN STREETS IF THEY'RE DESIGNED THOUGHTFULLY. AND ONE OF THE
21 MORE IMPORTANT THINGS I FEEL IS THE PLACE MAKING COMPONENT OF
22 GREEN STREETS AND REALLY ENERGIZING THE PEDESTRIAN EXPERIENCE
23 AND IN GREENING UP THAT PUBLIC RIGHT OF WAY. THE OTHER
24 ELEMENT, THEY THINK IS EXTREMELY IMPORTANT IS THE LAST BULLET
25 THERE WHICH IS INCREASING PUBLIC AWARENESS OF STORMWATER. YOU



January 15, 2021

1 KNOW, FROM MY EYES, MY PERSPECTIVE BRINGING THESE KIND OF
2 FACILITIES UP TO SURFACE LEVEL WHERE THE COMMUNITY CAN SEE
3 STORMWATER MANAGEMENT IN ACTION, I THINK WILL HELP PEOPLE
4 REALIZE THE IMPORTANCE OF IT, AND HOPEFULLY VOTE FOR MEASURES
5 THAT WILL INCREASE FUNDING FOR STORMWATER MANAGEMENT GOING
6 FORWARD AS OUR FACILITIES ARE AGING DECREPIT, UNDERSIZED FOR
7 ALL OF THE DEVELOPMENT THAT'S TAKEN PLACE SINCE THEY HAVE BEEN
8 BUILT. NEXT SLIDE PLEASE. WHEN I BEGAN WORKING ON GREEN
9 INFRASTRUCTURE PROJECTS GREEN INFRASTRUCTURE REALLY RESIDED IN
10 THE REALM OF PARCEL BASED DEVELOPMENT. AND WHAT MY COLLEAGUE
11 JENNIFER GRIGGS DUBBED RANDOM ACTS OF GREENNESS, PRODUCING ONE
12 OFF PROJECTS IMPROVEMENTS THAT AREN'T NECESSARILY IN THE RIGHT
13 PLACE WITH MAXIMUM EFFECTIVENESS WITH THE GREEN INFRASTRUCTURE
14 MASTER PLANNING MANDATE, LED TO CREATION OF PROGRAMS THAT
15 ALLOW JURISDICTIONS TO ASSESS THE FEASIBILITY AND COUPLE THAT
16 WITH HYDRAULIC MODELING TO DETERMINE AND HOW MANY GREEN
17 INFRASTRUCTURE FACILITIES ARE NEEDED TO PRODUCE A PARTICULAR
18 OUTCOME LIKE REDUCING POLLUTING. WHAT YOU SEE HERE IS THE MAP
19 OF SUNNYVALE DONE BY ONE OF OUR FUNDED PARTNERS THE SAN
20 FRANCISCO ESTUARY INSTITUTE USING THEIR GREEN PLAN ID TOOL OR
21 GREEN PLANET TOOL WHICH IS AN OPEN AND FREE PLATFORM. AND
22 WHILE MOST JURISDICTIONS USED CONSULTANT PROPRIETARY SOFTWARE
23 TO DO THEIR MASTER PLANNING EFFORTS THIS SOFTWARE IS STILL
24 AVAILABLE AND FREE TO USE FOR JURISDICTIONS GOING FORWARD IF
25 THEY SO CHOOSE. NEXT SLIDE. AS I MENTIONED WE'RE A PROGRAM --



January 15, 2021

1 WE'RE EMPLOYEES OF MTC AND A PROGRAM OF ABAG. AND MTC PROVIDED
2 CONSULTANT SUPPORT TO THE ESTUARY PARTNERSHIP IN THE SUMMER OF
3 2019 PRIOR TO THE DUE DATES OF THOSE JURISDICTIONAL GREEN
4 STORMWATER MASTER PLANS. WE GOT AN EARLY PEEK AT FIVE COUNTIES
5 AND WHAT THEY'RE PROPOSING IN THEIR DRAFT WHICH MAY HAVE
6 CHANGED WHEN THEY FINALLY SUBMITTED BUT THE CONSULTANT
7 AGGREGATED WHAT WAS PROPOSED IN THOSE DRAFTS AND THE COUNTIES
8 -- THE FIVE COUNTIES THAT WE WERE LOOKING AT, YOU KNOW, THEY
9 WERE PROPOSING TO TREAT USING VARIOUS TYPES OF GREEN
10 INFRASTRUCTURE, YOU KNOW, LID, REAL PROJECTS IN GREEN STREETS.
11 THEIR GOAL WAS TO TREAT 16,000 ACRES OF IMPERVIOUS SURFACE
12 RUNOFF BY 2050, AND THE CONSULTANT IDENTIFIED THAT THERE WAS
13 ABOUT AT LEAST \$2 BILLION WORTH OF GREEN STREET PROJECTS BEING
14 PROPOSED. AND TWO OF THE COUNTIES APPOINTED REDUCING THEIR PCP
15 INPUTS TO THE BAY BY ABOUT 20 PERCENT USING GREEN STORMWATER
16 INFRASTRUCTURE ACCORDING TO THE PLANS. NEXT SLIDE PLEASE.
17 THERE IS CHALLENGES IN MAKING THESE MASTER PLANS REALITY. THE
18 WORK IS EXPENSIVE, IT'S COMPLEX, EXISTING ROADWAYS HAVE
19 PROGRAMMED A LOT OF USE THAT TAKE UP SPACE BOTH AT THE SURFACE
20 AND BELOW. THE IN-HOUSE DESIGN AND ENGINEERING CAPACITIES OF
21 JURISDICTIONS IS GROWING. I THINK, AS STORMWATER MANAGEMENT
22 BECOMES MORE OF THE -- PROBABLY MORE WITHIN THEIR TRAINING
23 CURRICULUMS THROUGH COLLEGE AND URBAN PLANNING PROGRAMS, BUT
24 YOU KNOW, IT'S A NEW APPROACH FOR A LOT OF FOLKS, AND SO IT
25 TAKES A LITTLE BIT OF CAJOLING. THERE ARE GRANTS AVAILABLE FOR



January 15, 2021

1 PROJECT PLANNING AND IMPLEMENTATION, BUT IT FURTHER STRAINS
2 THE CAPACITY OF STAFF TO GO OUT FOR THESE TYPES OF GRANTS
3 ESPECIALLY IF THEY'RE FOR A PARTICULAR RETROFIT PROJECT THAT'S
4 JUST IN ONE PLACE, AND FOR WATER QUALITY. THE TREATMENT AREAS,
5 AS DESCRIBED EARLIER, THEY HAVE TO BE SIZED PROPERLY FOR THE
6 DRAINAGE AREA COMING INTO THEM FOR THEM TO GET THE WATER
7 QUALITY CREDIT. AND THAT SIZING REQUIREMENT REALLY INCREASES
8 THE CHANCES THAT THERE IS GOING TO BE SOME CONFLICT WITH
9 EXISTING UTILITY THAT'S ALREADY THERE. AND THAT'S -- AND THAT
10 CHALLENGE IS ACTUALLY COMPOUNDED BY THE FACT THAT THE EXISTING
11 UTILITIES PRETTY MUCH SAY THEY WILL NOT GO BACK AND REPLACE,
12 IN KIND, ANY GREEN STORMWATER FACILITY THAT NEEDS TO BE
13 ALTERED, IF THEY NEED TO GET DOWN INTO THEIR PIPES, IF A
14 FACILITY IS LOCATED OVER THEIR PIPES. SO THAT MEANS YOU
15 BASICALLY NEED TO UNDERSTAND WHERE THOSE PIPES ARE DESIGN
16 AROUND THEM OR BUILD INTO YOUR PROJECT THE MONEY IT TAKES TO
17 CONTRACT WITH THE UTILITIES TO HAVE THEM MOVE THEIR PIPELINES
18 TO ACCOMMODATE THE PROJECT. THE LONG AND SHORT OF IT IS THAT
19 AFTER PRACTICING THIS WORK FOR A WHILE, THAT RATHER THAN
20 PURSUING STANDALONE ONE-OFF GREEN STORMWATER RETROFITS IN
21 PLACE, THE BETTER APPROACH IS TO INTEGRATE THE WORK INTO
22 PLANS, TRANSPORTATION RELATED UPGRADES AND CAPITAL PROJECTS
23 THAT ARE ALREADY ON THE BOOKS AND THAT WOULD MAKE THE
24 STORMWATER COMPONENTS BE JUST AN ANCILLARY COST TO THE OVERALL
25 WORK AND THE OVERALL PROJECT. AND THERE IS A LOT OF ECONOMIES



January 15, 2021

1 OF SCALE CREATED BY THAT BECAUSE REALLY MOBILIZING
2 CONSTRUCTION FORCES FOR A VERY SMALL PROJECT IS SUPER COSTLY.
3 THE OTHER THING THAT'S MISSING, THAT WE SEE, IS THAT THERE IS
4 NOT A CENTRAL REGIONAL DATA SET THAT IS TRACKING THE
5 ACCUMULATIVE PROGRESS OF JURISDICTIONS AS THEY ROLL OUT THEIR
6 -- AS THEY ROLL OUT THEIR PROGRAMS. THERE IS A MODULE WITHIN
7 SFEI'S GREEN PLANET TOOL CALLED THE LID TRACKER THAT IS
8 DESIGNED FOR THIS BUT IT NEEDS SOME FUNDING TO REALLY POPULATE
9 IT GOING FORWARD AND BE AN ACTIVE PROGRAM THAT WILL SORT OF
10 CREATE A REGIONAL DASHBOARD FOR THE IMPACTS, THE ACCUMULATIVE
11 -- THE POSITIVE IMPACTS THAT ARE OCCURRING WITH THIS WORK.
12 NEXT SLIDE. AND I JUST WANTED TO SHOW YOU TWO PROJECTS. THIS
13 IS -- I'M JUST GOING TO SHOW YOU ONE PROJECT FROM THE SAN
14 PABLO AVENUE GREEN STORMWATER, THAT'S ON THE BOOKS TO DO THESE
15 WATER RETROFITS ALONG SAN PABLO AVENUE IN EAST BAY WEAVE
16 COMPLETED TWO OF THEM AND THE LAST TWO ARE IN THE PLANTING AND
17 IRRIGATION PHASE. THERE HAS BEEN A LOT OF DELAY IN THE
18 PROJECTS, A LOT OF CHALLENGES AND A LOT OF LESSONS LEARNED AND
19 I WANT TO THANK MTC'S BAY AREA TOLL AUTHORITY FOR STEPPING IN
20 TO COVER THE COST OF LOST FUNDING ADDING TO THE DELAYS AND
21 BUDGET FOR UNFORESEEN OVERRUNS. NEXT SLIDE. NEXT SLIDE SHOWS
22 THE PROJECT BUILT. THIS LOCATION WAS AN ARRAY OF URBAN
23 PLANTERS, THERE IS FOUR OF THESE JUST ALONG THE SIDEWALK, THAT
24 TAKES GUTTER FLOW OF RUNOFF, TREATS IT AND THEN SENDS IT DOWN
25 TO THE NEXT PLANT WHERE IT'S REPEATED AND THE FINAL PLANTER IS



January 15, 2021

1 LOCATED OVER THE CREEK WHICH IS ONE OF THE OPEN NATURAL
2 CHANNELS IN THE EAST BAY THAT HAS A SALMON POPULATION. AND MY
3 FINAL SLIDE NEXT IS AN EXAMPLE OF THE INTERPRETIVE SIGNAGE
4 EDUCATING THE PUBLIC ON THE FUNCTION IN THE PROCESS AND HOW
5 THE FACILITIES WORK, AND THE ROLE OF MAKING THIS AVAILABLE TO
6 EVERYBODY AROUND THE REGION IS TO KIND OF BRAND THE CONCEPT OF
7 GREEN STREETS AND THE PUBLIC CONSCIOUSNESS. I WILL TURN IT
8 OVER TO THE NEXT SPEAKER. THANK YOU.

9

10 **SPEAKER:** THANKS JOSH AND MATT. MY NAME IS ROBIN GROSSINGER. I
11 AM A SCIENTIST AT THE SAN FRANCISCO ESTUARY INSTITUTE. AND I
12 DIRECT OUR URBAN NATURE LAB THERE. AND YOU WILL SEE FOLKS
13 PROBABLY INTERACT WITH US BRINGING TOGETHER STORMWATER AND
14 CLEAN WATER EXPERTISE AND ECOLOGY AND RESTORATION. AND AS
15 MISSION IS GETTING MY FIRST SLIDE UP I'LL CONTINUE ON THE
16 THEME JOSH AND MATT AND KEITH HAVE STARTED THE POINT IS BEING
17 MADE THAT WE NEED TO GET MORE VALUE OUT OF OUR GREEN
18 INFRASTRUCTURE. WE'RE GOING TO NEED MORE AND IT'S GOING HAVE
19 TO BECOME, FOR OUR CITIES AS THEY BECOME HOTTER AND FACE
20 CLIMATE CHANGES AND BECOME DENSER THEY'RE GOING TO NEED -- IT
21 FEELS MORE LIKE KIND OF A NICHE, SMALL SPOT KIND OF THING TO
22 BE MORE SYSTEMATIC AND DIRECTED THROUGH CITIES. SO THAT'S WHAT
23 WE'RE GOING TO TALK ABOUT HERE. NEXT SLIDE. SO THAT IT'S NOT
24 JUST CLEANING OUR STORMWATER, AND REDUCING FLOOD RISK, BUT
25 THESE SAME AREAS NEED TO ALSO REDUCE HEAT AS WE FACE MUCH



January 15, 2021

1 HOTTER CITIES IT'S REALLY GOING TO THREATEN KIND OF THE
2 LIVEABILITY AND VIABILITY AND THE HEALTH OF MANY PLACES IN OUR
3 BAY AREA CITIES IN THE COMING DECADES SO WE NEED THESE SAME
4 PLACES TO DO THAT, AS WELL AS WE RECOGNIZE THE IMPORTANCE OF
5 NATURE AND DAILY FREQUENT ACCESS TO NATURE, THE IMPORTANCE OF
6 THAT TO HUMAN HEALTH PSYCHOLOGICAL MENTAL ACTIVE MOBILITY
7 WAVING THROUGH NATURE IN OUR CITIES IN A MORE AGGRESSIVE WAY.
8 WE PROBABLY NEED TO START THINKING ABOUT THESE AS PREVIOUS
9 TALKS HAVE SHOWN AS NETWORKS OF GREEN INFRASTRUCTURE THAT
10 SUPPORT THESE CRITICAL FUNCTIONS ACROSS THE URBAN LANDSCAPE
11 AND ALLOW US TO START TO INVEST IN THEM AS MATT AND JOSH SAID,
12 AS REALLY FUNDAMENTAL CRITICAL INFRASTRUCTURE. INFRASTRUCTURE
13 THAT IS A NETWORK OF DIFFERENT ELEMENTS THAT WE INVEST IN,
14 MAINTAIN, HAVE SPECIFICATIONS, EXPECTATIONS, TARGETS. THAT
15 KIND OF GUIDANCE FOR CITIES. NEXT SLIDE. WE'RE DOING A FAIRLY
16 GOOD JOB. WE'RE HEADING IN THAT DIRECTION WITH STORMWATER. AS
17 YOU CAN SEE, YOU KNOW, WE HAVE LARGER PARCELS, LIKE THE PARK
18 THAT MATT SHOWN DOWN IN THE CORNER OF THIS DIAGRAM THAT CAN
19 ACTUALLY STORE SIGNIFICANT AMOUNTS OF WATER AND DO SIGNIFICANT
20 FLOOD RETENTION BUT THEN TO GET MOST OF THE PERFORMANCE FOR
21 WATER QUALITY ACTUALLY RELIES ON THE DISTRIBUTED SMALL
22 FEATURES THAT JOSH HAS JUST SHOWN ALONG STREETS. SO WE HAVE
23 THAT COMBINATION OF SMALL FEATURES AND BIGGER FEATURES THAT
24 NEED TO WORK TOGETHER TO ACHIEVE AN OVERALL GOAL. NEXT SLIDE.
25 THEN THESE SAME PLACES ACTUALLY BECOME PLACES THAT PERFORM FOR



January 15, 2021

1 HEAT ISLAND MITIGATION. SO THE PARKS WHERE YOU CAN HAVE WATER
2 STORAGE AND RETENTION SHOULD ALSO BE OUR COOL ISLANDS AND THEY
3 NEED TO BE DESIGNED IN CERTAIN WAYS WITH ENOUGH TREE CANOPY
4 AND NOT TOO MUCH IMPERVIOUS SURFACE TO SERVE AS REFUGE. THOSE
5 ARE THE COOL PLACES IN HEAT WAVES AS THEY RADIATE OUT THE COOL
6 AIR. THOSE ARE ESSENTIAL NUCLEI. THE BEST WAY TO COOL OUR
7 CITIES IS A DISTRIBUTED NETWORK, IN THIS CASE, OF TREES. THOSE
8 NEED TO BE NEAR IN MANY OF THE SAME PLACE WE NEED OUR
9 STORMWATER FEATURES, SO THEY NEED TO BE CODESIGNED. AND THE
10 MOST IMPORTANT PLACES OF THOSE ARE PROBABLY PLACES WHERE
11 PEOPLE HAVE TO WALK TO SCHOOL OR TAKE THE BUS TO WORK, WAIT AT
12 THE BUS STOP IN A HEAT WAVE THAT'S WHERE YOU'RE GOING TO HAVE
13 THE PROBLEM. SO IT'S THE CORRIDORS STREETS THAT ARE THE FOCAL
14 POINTS. IT'S THIS NETWORK OF GREEN INFRASTRUCTURE THAT WORKS
15 TOGETHER. NEXT SLIDE. ALSO DELIVERING THE HEALTH BENEFITS. YOU
16 GET DIFFERENT THINGS FROM PARKS WHERE YOU CAN IMMERSE YOURSELF
17 IN NATURE, BE MORE ACTIVE. BUT WE NEED THE DAILY ACCESS THAT'S
18 GOING TO BE DISTRIBUTED ALONG STREETS TO GET MANY OF THE
19 FUNCTIONS THAT THE SCIENTISTS ARE SHOWING US ARE CRITICAL TO
20 HEALTH IN OUR CITIES. AND FINALLY BY DIVERSITY, THE ROLE OF
21 CITIES CAN PLAY IN A DIVERSITY CRISIS IS ALSO DELIVERED BY
22 THIS SAME NETWORK OF LARGER FEATURES SMALLER FEATURES AND THE
23 CONNECTIONS AMONGST THOSE. SO WEAVING THOSE THROUGH. NEXT
24 SLIDE. SO YOU CAN SEE HOW WE CAN START TO SET GOALS AND
25 TARGETS AND DEVELOP PLANS AT THE CITY DISTRICT AND



January 15, 2021

1 NEIGHBORHOOD SCALE THAT ACHIEVE THE LEVELS OF PERFORMANCE THAT
2 WE'RE GOING TO NEED FROM GREEN INFRASTRUCTURE FOR CLIMATE
3 CHANGE YOU KNOW FOR HEALTH BENEFITS AND THEN WE CAN RAMIFY OR
4 TRANSLATE THOSE DOWN INTO THE STREET, PARCEL, AND FEATURE
5 SCALE PARTICULARLY RETENTION FEATURE SO THAT WE CAN GUIDE THE
6 STORMWATER AGENCIES, BUT ALSO THE URBAN FORESTRY, PUBLIC WORKS
7 AND TRANSPORTATION PLANNERS TO ACTUALLY BUILD IN ENOUGH SPACE
8 TO DO THOSE THINGS AS PART OF THEIR PLANS THEY'RE DEVELOPING.
9 RIGHT NOW WE DON'T GET SPECIFIC GUIDANCE, HOW MANY TREES AND
10 FEATURES DO WE NEED AND WHAT ORGANIZATIONS DO WE NEED TO HAVE
11 THOSE THINGS BE HARD WIRED IN AND BE SPECKED OUT. WE'RE KIND
12 OF ASKING FOR LITTLE BITS AND PIECES HERE AND THERE. NEXT
13 SLIDE. THEN YOU CAN ADD FLESH OUT THE KIND OF DIAGRAM AND
14 GUIDANCE THAT MATT SHOWED ON A CLASSIC STREET GOING FROM
15 COMPLETE TO SUSTAINABLE TO EVEN MORE RESILIENT SUCH THAT IT
16 HAS SUFFICIENT NUMBER OF TREES AND SPACING OF TREES AND
17 SPECIES OF TREES TO PROVIDE HEAT -- TO REDUCE HEAT TO
18 TOLERABLE LEVELS IN 2050 AS WELL AS PROVIDE OTHER BENEFITS IN
19 HOW BIG THE AREA THE PLANTABLE AREA NEEDS TO BE TO SUPPORT
20 THOSE TREES TO SUSTAINABLY AND HOW THAT WEAVES INTO THE SOCIAL
21 CHANGES AND SORT OF ACTIVE MOBILITY PUBLIC SPACE CHANGES WE'RE
22 MAKING ON THE STREET WHICH ARE GOING TO DRIVE A LOT OF THE
23 SHIFTS AND WE'RE GETTING TRACTION WITH URBAN PLANNERS AND
24 DESIGNERS WHO ARE EXCITED TO BRING THESE FEATURE IN AS PLACE
25 MAKING, BUT KIND OF NEED THAT GUIDANCE AND ALSO FROM AGENCIES



January 15, 2021

1 SUCH THAT YOU GUYS REPRESENT TO SORT OF PUSH TO ACTUALLY
2 INCORPORATE AND ENCOURAGE THESE THINGS. NEXT SLIDE PLEASE
3 WE'RE DEVELOPING THESE TOOLS AND GUIDANCE PRODUCTS THROUGH THE
4 CITIES PROJECTS, NEXT GENERATION URBAN GREENING, AND EPA.
5 THAT'S GOING TO FOCUS ON SOUTHEAST SAN FRANCISCO TO
6 DEMONSTRATE DEVELOPING THESE SOURCE OF STRATEGIES BUT ALSO
7 DEVELOPING MORE REGIONAL TOOLS IN CONCERT WITH THE MRP
8 STAKEHOLDERS AND THE REGIONAL BOARD TO INFORM THE PERMIT AND
9 THE INCORPORATION OF THESE KINDS OF APPROACHES INTO THE
10 PROJECTS AND PLANS. NEXT SLIDE. THIS BUILDS ON THINGS WE HAVE
11 BEEN DEVELOPING WITH ALL PARTNERS IN THE REGION OVER THE
12 YEARS, GREEN PLANET, DIVERSITY FRAMEWORK, MICROPLASTICS
13 RESEARCH, NEW DIMENSION OF THIS WORK IS HOW CAN THE GREEN
14 INFRASTRUCTURE REDUCE MICROPLASTICS AND OTHER EMERGING
15 CONTAMINANTS. THIS HAS BEEN FUNDED BY EPA, AND GOOGLE ECOLOGY,
16 ROBERT JOHNSON AND RMP AND OTHERS. NEXT SLIDE. WE'LL TELL YOU
17 HOW THE PROJECT IS GOING TO BE ROLLING OUT OVER THE NEXT
18 SEVERAL YEARS. THE NEXT SLIDE WILL SHOW THE KEY PRODUCTS THAT
19 WE'LL BE DEVELOPING IN AN APPROACH FOR DOING MULTI-BENEFIT
20 RESILIENT GREEN INFRASTRUCTURE PLANNING ON MULTIPLE SCALES AND
21 STUFF WE'RE TALKING ABOUT AS WELL AS DEMONSTRATION STRATEGY IN
22 PARTS OF SAN FRANCISCO THAT WILL HOPEFULLY BE A MODEL FOR
23 OTHER JURISDICTIONS. MORE NEW RESEARCH ON THE REMOVAL OF
24 MICROPLASTICS AND COOL DEMONSTRATION PROJECTS APPLYING IDEAS
25 IN SAN FRANCISCO WITH REC AND PARKS. NEXT SLIDE PLEASE. THE



January 15, 2021

1 TIMELINE. WE HAVE DESIGNED THE PROJECT AND WE'RE FORTUNATE
2 ENOUGH THAT EPA AGREES THIS IS VALUABLE TO SUPPORT A TIMELINE
3 THAT MATCHES WITH THE MRP. SO WE BE LEARNING ALONG THE WAY AND
4 INTERACTING WITH MRP PARTNERS TO SHAPE THE TOOLS AND TEST THEM
5 OUT WITH THE PARTNERS AND STAKEHOLDERS. LAST SLIDE, OUR
6 CONTACT INFORMATION. IF YOU HAVE ANY QUESTIONS OR COMMENTS,
7 ROBIN GROSSINGER, MEGAN WHEELER'S PROJECT LEAD OUR URBAN
8 NATURE LAB WEB SITE. IF YOU HAVE ANY PROJECTS IN YOUR
9 JURISDICTIONS THAT YOU THINK COULD BENEFIT WITH DEMONSTRATIONS
10 OR TEST CASES, DEFINITELY LET US KNOW. THANK YOU.

11

12 **MICHAEL MONTGOMERY:** THANK YOU ROBIN TO THE ENTIRE PANEL
13 PARTICIPATING TODAY AND I WANT TO HAND IT BACK TO THE CHAIR TO
14 SEE IF WE HAVE QUESTIONS.

15

16 **AMY R. WORTH, VICE CHAIR:** MICHAEL, THANK YOU. CINDY HE TO HEAD
17 OFF TO HER NEXT MEETING. I WANT TO THANK YOU AND THE TEAM FOR
18 THIS SUPERB PRESENTATION. WHEN WE TALKED ABOUT THE
19 PRESENTATION IT REALLY IS OUR HOPE THAT THIS IS EXACTLY WHAT
20 WE COULD SHARE WITH THIS BOARD. YOU STARTED WITH THE WATER
21 QUALITY WAR BEGAN MY 40-YEAR-OLD DAUGHTER WAS IN HER FIRST
22 COMMUNITY SERVICE WITH THE NATIONAL CHARITY LEAGUE SHE WAS IN
23 MIDDLE SCHOOL, STORM DRAINS DON'T RUN TO THE BAY, I WAS TRYING
24 TO PICTURE THE FISH, BLUE STENCILS, THE 13-YEAR-OLDS LOVED THE
25 STENCILS THAT I WANTED TO PUT THEM EVERYWHERE. THIS



January 15, 2021

1 CONVERSATION HAS COME SO FAR INTO GRADING ALL THIS WATER
2 QUALITY IMPORTANT WORK INTO ALL THE WORK WE DO. LITERALLY ALL
3 THE WORK WE DO SO COMING TO BASH IS A PARTICULARLY IMPORTANT
4 THING BECAUSE WE REPRESENT ALL THE AGENCIES. AND OF COURSE
5 CITIES AND COUNTIES AND EVERYBODY HAS GOT A STAKE IN THIS.
6 ALSO EVERYBODY IS DEALING WITH THE CHALLENGES THAT EVERYBODY
7 IS DEALING WITH THE CHALLENGES THAT YOU HAVE ALSO IDENTIFIED
8 AND A BIG ONE BEING WISHING WE HAD A BIGGER CHECKBOOK TO DO
9 ALL THE IMPORTANT WORK WE WANT TO DO. I JUST WANT TO THANK YOU
10 AGAIN. THIS IS ABSOLUTELY FASCINATING AND REALLY INSIGHTFUL. I
11 SEE ONE HAND I WOULD LIKE TO INVITE MY COLLEAGUES TO ASK
12 QUESTIONS. AND IF THERE ARE ANY COMMENTS AND LOOK FORWARD TO
13 YOUR INSIGHT AND LOOKING FORWARD TO ALL OF YOUR -- CONTINUING
14 TO WORK TOGETHER ON THIS REALLY IMPORTANT ISSUE. SO MAY I TURN
15 TO COMMISSIONER JOSEFOWITZ, PLEASE? FIRST, NICK.

16

17 **COM. NICK JOSEFOWITZ:** YEAH. THANK YOU VERY MUCH. AND IT WAS
18 CERTAINLY AN INTERESTING PRESENTATION. SO I'M NEW TO THIS, AND
19 I WAS TRYING TO KIND OF FOLLOW ALONG, AND IT FELT LIKE MOST OF
20 THE EFFORTS FROM THE REGULATORY PERSPECTIVE, WITH THE REGIONAL
21 WATER QUALITY MANAGEMENT PERMIT WERE DIRECTED AT NEW
22 DEVELOPMENTS. IS THAT MY -- DID I UNDERSTAND THAT PROPERLY?

23

24 **KEITH LICHTEN:** THAT'S CORRECT, THE FORMAL REQUIREMENTS ARE
25 ESSENTIALLY, THEY ASK THE QUESTION WHEN IS THERE ENOUGH



January 15, 2021

1 INVESTMENT RESOURCES IN A PROJECT THAT WE WOULD EXPECT THE
2 PROJECT TO COME UP WITH MEASURES TO ADDRESS THAT PROJECT'S
3 CLEAN WATER OR URBAN RUNOFF IMPACTS AND THOSE ARE ASSOCIATED
4 WITH NEW AND SIGNIFICANT REDEVELOPMENT PROJECTS BOTH DIVISIONS
5 OUT IN THE SUBURBS AS WELL AS NOW INCREASING CORE URBAN
6 REDEVELOPMENT PROJECTS.

7

8 **COM. NICK JOSEFOWITZ:** GOT IT. AND IS THERE SORT OF ANY -- I
9 MEAN, MY GUESS S AND CORRECT ME IF I AM WRONG, BUT THE VAST
10 MAJORITY OF IMPERMEABLE SURFACES THAT LEAD TO THE KIND OF
11 RUNOFF THAT WE SEE ARE GOING TO BE EXISTING SURFACES FOR THE
12 FORESEEABLE FUTURE. IS THAT RIGHT, KEITH?

13

14 **KEITH LICHTEN:** YES YOU'RE RIGHT IN FACT WE DID A ROUGH
15 ESTIMATE OF WHAT WE HAVE OUT THERE, AND WHAT WE FOUND IS IN
16 LOOKING AT THE MUNICIPALITIES GREEN INFRASTRUCTURE PLANS AND
17 WE FOUND THAT, TO DATE, OVER THE FIRST 20 YEARS, ROUGHLY FROM
18 2,000 WHEN THESE MEASURES FIRST BEGAN TO BE IMPLEMENTED TO
19 2020, THAT'S RESULTED IN RETROFIT OR TREATMENT OF ABOUT TWO
20 PERCENT OF THE BAY AREA'S IMPERVIOUS SURFACE THAT INCLUDES THE
21 NEW STUFF AS WELL AS WHAT'S OUT THERE ALREADY. AND THE PLANS
22 OVER THE NEXT 20 YEARS WOULD TRIPLE THAT TO ABOUT SIX PERCENT.
23 SO WHAT THAT TELLS YOU IS EXACTLY WHAT YOU'RE SAYING THAT
24 THERE IS SUBSTANTIAL AREA OF ALREADY BUILT IMPERVIOUS SURFACE



January 15, 2021

1 THAT WE WOULD WANT TO CONSIDER OVER TIME AND I THINK PROBABLY
2 AN EXTENDED TIME FRAME, OPPORTUNITIES TO ADDRESS IT.

3

4 **COM. NICK JOSEFOWITZ:** I MEAN -- I DON'T KNOW -- IT FEELS TO ME
5 LIKE PART OF THE CHALLENGE HERE IS THAT WE ARE ASKING NEW
6 DEVELOPMENTS AND REMODELS TO SHOULDER -- I MEAN, THEY SHOULD
7 DO THEIR PART, BUT THEY ALSO SHOULDN'T BE SHOULDERING THE
8 BURDEN OF SOME CLEANING UP OF, SORT OF, STORMWATER, AND THAT,
9 YOU KNOW, WE HAVE -- YOU KNOW, AS WE'RE TRYING TO DEVELOP MORE
10 HOUSING ESPECIALLY IN TRANSIT ORIENTED LOCATIONS ESPECIALLY
11 IMPOSING THESE ADDITIONAL CONDITIONS ON THEM AND ACKNOWLEDGING
12 THAT KIND OF SITUATION THAT EXISTS IN TODAY'S WORLD IS AN
13 ABOUT THE OF A CHANGE. HOW DO YOU ADDRESS THIS?

14

15 **KEITH LICHTEN:** I APPRECIATE THAT POINT AND BY THE WAY WE HAVE
16 AN EXCELLENT PANEL HERE, MATT AND JOSH, I DON'T WANT TO HOLD
17 YOU BACK IF YOU WANT TO SAY A FEW WORDS I'LL JUMP IN QUICKLY
18 NEW AND REDEVELOPMENT PROJECTS ARE EXPECTED TO DO THEIR PART
19 FOR THEIR PORTION OF THE POLLUTION, SO THEY'RE NOT EXPECTED TO
20 REACH OUT, WILLING TO DEAL WITH THE LEGACY THAT'S OUT THERE.
21 THAT'S ONE OF THE REASONS WE'RE TALKING TO YOU TODAY. WE ARE
22 WORKING WITH JOSH, AVALON, OTHER FOLKS AT MTC TO THINK THROUGH
23 OPPORTUNITIES TO MODIFY, FOR EXAMPLE, TRANSPORTATION GRANTS,
24 SB1, INCLUDING LANGUAGE ALLOWING GREEN INFRASTRUCTURE AND
25 [INDISCERNIBLE] COST TO BE PART OF TRANSPORTATION PROJECTS. SO



January 15, 2021

1 BASICALLY IDENTIFYING BOTH WAYS TO USE EXISTING RESOURCES MORE
2 EFFICIENTLY AND TO IDENTIFY, OVER TIME, NEW RESOURCES AS L.A.
3 DID WITH THEIR BOND MEASURE. TO HELP START TO ADDRESS THAT
4 OVERHANG RECOGNIZING LIMITED MUNICIPAL BUDGETS. BUT I DON'T
5 KNOW IF OTHER PANELISTS --

6

7 **COM. NICK JOSEFOWITZ:** DO YOU HAVE A SENSE OF WHAT HOW MUCH THE
8 ADDITIONAL COST BURDEN IS ON SORT OF MULTI-FAMILY PROJECTS
9 FROM THESE TYPES OF PERMITS?

10

11 **KEITH LICHTEN:** WE HAVE -- WELL THAT'S BEEN A REAL CHALLENGE. I
12 SIT ON THE AMERICAN SCIENCE AND ENGINEERS COUNCIL THAT'S BEEN
13 TRYING TO SORT OF PULL THOSE NUMBERS OUT AND THEY'RE NEVER
14 TRACKED SEPARATELY SO YOU'RE ALWAYS SAY WHAT'S THE COST OF
15 THIS CONTROL WE THINK PERHAPS SOMEWHERE BETWEEN 150 TO
16 \$400,000 AN ACRE OF IMPERVIOUS SURFACE TREATED SO IT'S NOT A
17 NON-ZERO COST OF COURSE IF YOU GET TO A LARGER REGIONAL SCALE
18 PROJECT LIKE WHAT MATT WAS TALKING ABOUT THE COST DROP QUIT A
19 BIT. AS A RULE OF THUMB OUR STATE WATER BOARD HAS IDENTIFIED
20 COST OF UP TO TWO PERCENT OF PROJECT COST MIGHT BE REASONABLE
21 BUT THAT'S NOT TIED TO A SPECIFIC CURRENT COST ESTIMATE.

22

23 **COM. NICK JOSEFOWITZ:** ONE MORE QUESTION AND THEN I'LL STOP,
24 SORT OF -- SORRY, GO AHEAD.

25



January 15, 2021

1 **KEITH LICHTEN:** ONE LAST NOTE, THAT SORT OF THE PART OF THE
2 PITCH THAT WE'RE MAKING HERE TODAY IS SORT OF THE PRODUCTIVE
3 USE OF THINGS THAT FOLKS ALMOST WOULD BE DOING ANYWAY SO IF A
4 PROJECT HAS EXISTING LANDSCAPING HOW CAN WE DESIGN IT SO IT'S
5 WORKING FOR CLEAN WATER AND PROVIDING HEAT ISLAND BENEFITS.
6 WHEN WE TALK ABOUT INCREMENTAL CHANGES ASSOCIATED WITH DESIGN
7 SHIFT AS OPPOSED TO SOMETHING THAT'S BEING DONE THAT WOULDN'T
8 HAVE BEEN DONE BEFORE.

9

10 **COM. NICK JOSEFOWITZ:** CAN I ASK, HOW MUCH. EXISTING PROBLEM IS
11 RELATES TO SURFACE PARKING LOTS? WHAT PERCENTAGE OF
12 IMPERMEABLE SPACE IN THE BAY AREA IS THAT? DO YOU HAVE A SORT
13 OF SENSE OF THAT OR LIKE, BREAK DOWN?

14

15 **KEITH LICHTEN:** I HAVE TO LOOK TO ROBIN IF YOU HAVE ANY AUTO
16 ABILITY RELATED ESTIMATES. I COULD GUESS.

17

18 **SPEAKER:** YOU'RE GETTING TO THE POINT OF MAJOR URBAN SHIFTS AND
19 CITIES AND HOW MUCH WE DEDICATE, THESE PERCENTAGES WE'RE
20 TALKING ABOUT HERE THEY COULD BE LARGER NUMBERS WHEN YOU SEE
21 CITIES, THE REGULATION IS GOING TO ACHIEVE A LOT OF DIFFERENT
22 GOALS THAT CITIES WANT TO ACHIEVE SOMEWHERE WITH PARKING LOTS.
23 SO I THINK THAT WHERE YOU'RE HEADED I THINK WHERE THIS
24 CONVERSATION IS TRYING TO GO IS HOW WE WEAVE THESE SAME GOALS
25 AND OBJECTIVES AND TECHNICAL ACCOMPLISHMENTS INTO A WIDER



January 15, 2021

1 RANGE OF ACTIVITIES. BECAUSE THE CITY IS CONSTANTLY BEING
2 RECONSTRUCTED AND REDESIGNED MOST OF THE STREETS AND STORE
3 FRONTS MANY THINGS WILL CHANGE OVER THE DECADES AND HOW DO WE
4 BRING THIS STUFF INTO THOSE ACTIVITIES IN A VOLUNTARY OR
5 ENCOURAGED MANNERS.

6

7 **JOSH BRADT:** I WOULD LIKE TO CHIME IN 20 PERCENT OF THE LANDS
8 AREA OF URBAN CENTERS IS ROADWAYS AND SIDEWALKS IMPERVIOUS
9 ROADWAYS AND SIDEWALKS THAT'S THE PUBLIC REALM. AND CITIES ARE
10 IN A CONSTANT STATE OF EVOLUTION AND UPGRADING AND IMPROVING.
11 SO YOU KNOW WHEN STREETS ARE BEING RECONSTRUCTED AND IMPROVED,
12 THOSE ARE OPPORTUNITIES TO ADD, YOU KNOW, STORMWATER
13 INTERVENTIONS, GREENING UP THE RIGHT OF WAY, GETTING ALL THOSE
14 ANCILLARY BENEFITS AS WELL AS THE WATER QUALITY BENEFITS AND
15 DOING IT AT A CHEAPER COST. THERE IS COMPLEXITY TO IT SO IT'S
16 NOT AN EASY THING TO DO BUT THAT SPACE IS THERE AND THAT IS
17 THE PUBLIC'S SPACE. SO WE THINK THE NEXUS IS CLEAR AND HAVE
18 HAD GREAT CONVERSATIONS WITH TRANSPORTATION AGENCIES ABOUT,
19 YOU KNOW, TRYING TO -- YEAH, BETTER INTEGRATING, PLANNING, AND
20 BUDGETS TO ALLOW FOR GREEN INFRASTRUCTURE.

21

22 **AMY R. WORTH, VICE CHAIR:** GREAT.

23

24 **SPEAKER:** I'LL ADD THAT, I THINK THAT PART OF THE PROBLEM IS
25 THE WATER QUALITY NUISANCE THAT'S BEING PUSHED ON THE WATER



January 15, 2021

1 BOARD AND STORMWATER IS PROBABLY THE MOST UNFUNDED UTILITY IN
2 CALIFORNIA IT'S DEFINITELY SIGNIFICANT LACK OF FUNDING. THAT'S
3 WHY IT'S IMPORTANT TO FEATURE OTHER INVESTMENTS INTO
4 RETROFITTING URBAN ENVIRONMENTS I THINK WE NEED TO START
5 THINKING ABOUT IT DIFFERENTLY NOT IN THE NUISANCE WATER
6 QUALITY BUT WE THINK ABOUT IT IS MANAGING AS A RESOURCE NOT
7 WASTEWATER PRODUCT AND FROM A RESILIENCE STANDPOINT. WE DON'T
8 SEE PEOPLE PUTTING IN GREEN ROOF IN THE BEHAVIOR BECAUSE IT'S
9 DEEMED NOT FINANCIALLY FEASIBLE FROM A WATER QUALITY
10 PERSPECTIVE AS ITS BEING DRIVEN BY WATER QUALITY REGULATION
11 BUT WHEN YOU START TO LOOK AT HOW A GREEN ROOF CAN PROVIDE
12 HEATING AND COOLING BENEFITS AND PROVIDE A ROOF TOP GARDEN
13 SPACE YOU WILL SEE PLACES LIKE THE FACEBOOK FACILITY DOWN IN
14 MENLO PARK HAS A HUGE GREEN ROOF ON TOP CREATED FOR THEIR
15 EMPLOYEES BUT IT PROVIDES OTHER BENEFITS. WE DON'T SEE IT ON A
16 REGULAR BASIS BUT IF WE HAD REQUIREMENTS AND POLICY DECISIONS
17 BY JURISDICTIONS SAYING WE NEED TO BUILD RESILIENCE FOR
18 CLIMATE ISSUES INTO ALL OF OUR PROJECTS WE WOULD START TO SEE
19 THESE THINGS HAPPENING IN BUT THERE IS SUCH A TIGHT MARGIN FOR
20 IT TO WORK FOR AFFORDABLE HOUSING WE NEED TO PROVIDE
21 FLEXIBILITY FOR THOSE PROJECTS TO NOT HAVE THE SAME BURDEN AND
22 LOOK AT ALTERNATIVE COMPLIANCE MARKETPLACES OPPORTUNITIES
23 WHERE WE CAN BUILD LARGER REGIONAL FACILITIES THAT THOSE
24 PROJECTS CAN BENEFIT FROM AND NOT HAVE TO DO THINGS ON THEIR
25 PROJECT BUT WE ALSO HAVE TO BE CAREFUL WITH THE EQUITY ISSUES



January 15, 2021

1 NOT ENDING UP WITH A BUNCH OF AFFORDABLE HOUSING THAT HAS NO
2 GREENING BECAUSE WE DECIDED THAT IT WAS AN ADD ON THAT WASN'T
3 WORTH THE COST SO YOU HAVE THE PEOPLE THAT HAVE THE LOW INCOME
4 THAT GET STUCK WITH NON-GREENED PLACES WHERE THEY LIVE. SO I
5 THINK IT'S A VERY CHALLENGING ISSUE AND THE ANSWERS OF SOLVING
6 THIS ARE GOING TO COST HUNDREDS OF MILLIONS TO BILLIONS OF
7 DOLLARS SO THAT'S WHY WE'RE HOPING WE CAN HAVE AN INTEGRATED
8 CONVERSATION AS BUILDING THIS IN AS A CLIMATE RESILIENCE PIECE
9 AND NOT JUST WATER QUALITY PIECE.

10

11 **COM. NICK JOSEFOWITZ:** YOU WOULD BE HAPPY TO KNOW SAN FRANCISCO
12 SPENT HUNDREDS OF MILLIONS OF DOLLARS BUILDING THE LAW
13 ENFORCEMENT GREEN ROOF PROBABLY IN THE BAY AREA IN THE
14 TRANSBAY DISTRICT.

15

16 **SPEAKER:** THE ONES IN SAN BRUNO ARE PROBABLY THE ONES I'M AWARE
17 OF.

18

19 **AMY R. WORTH, VICE CHAIR:** THE EAST BAY TOLL PAYERS ARE -- IT'S
20 A GREAT EXAMPLE OF GREEN INFRASTRUCTURE. I'M GOING TURN IT TO
21 MAYOR ARREGUIN AND GIOIA, I THINK IT'S APPROPRIATE THEY BOTH
22 REPRESENT THE TWO ENDS OF THE WONDERFUL SAN PABLO CORRIDOR
23 PROJECT. JOSH THANK YOU FOR THAT. I THINK IT'S A REALLY GREAT
24 PROJECT. THAT'S AN UNBIASED STATEMENT BY THE REPRESENTATIVE OF
25 CONTRA COSTA CITY. PLEASE JESSE AND THEN JOHN.



January 15, 2021

1
2 **JESSE ARREGUIN:** THANK YOU FOR THE EXCELLENT PRESENTATION. I
3 THINK THIS REALLY FITS WELL WITH THE WORK THAT WE DO AT BARC.
4 THE INTERSECTIONALITY OF SORT OF GOVERNMENT AND CLIMATE
5 ADAPTATION, AND YOU KNOW, THIS IS AN ISSUE THAT'S IMPORTANT TO
6 ALL OF US AS WE'RE UNDER THE REGIONAL PERMIT, AND WE HAVE
7 CERTAIN REQUIREMENTS TO MITIGATE STORMWATER RUNOFF. AND SO
8 THIS IS NOT ONLY IMPORTANT IN TERMS OF MEETING OUR OWN
9 INDIVIDUAL JURISDICTION REQUIREMENTS, BUT ALSO TO ADDRESS A
10 MUCH LARGER CLIMATE ISSUE. GOOD TO SEE YOU, JOSH, FORMER CITY
11 OF BERKELEY EMPLOYEE, AND ROBIN, BERKELEY RESIDENT AND
12 COMMUNITY LEADER. SO BERKELEY HAS ACTUALLY BEEN AN EARLY
13 ADOPTER OF INTEGRATING GREEN INFRASTRUCTURE INTO STREET
14 PLANNING WE ADOPTED OUR STREET BOND IN 2012 MEASURE M, OUR
15 CITY COUNCIL HAD ACTUALLY SET-ASIDE A CERTAIN PERCENTAGE EVER
16 FUNDING IN OUR PAVING BUDGET FOR GREEN INFRASTRUCTURE PROJECTS
17 AND THAT'S A POLICY THAT WE HAVE CONTINUED AND WE'RE CERTAIN
18 LOOKING TO HOW WE CAN INCREASE OUR INVESTMENT IN GREEN
19 INFRASTRUCTURE. WE HAVE DONE PERMEABLE PAVING, SWALES, SWALE
20 PROJECTS AND OTHER GREEN INFRASTRUCTURE PROJECTS THROUGHOUT
21 CITY USING DATA THAT WE HAVE COLLECTED TO LOOK AT WHERE WE CAN
22 HAVE THE MOST IMPACT IN REDUCING RUNOFF AS IT APPROACHES WEST
23 BERKELEY IN THE BAY. A QUESTION FOR THE WATER BOARD, YOU KNOW
24 CALTRANS IS UNDER A SETTLEMENT WITH THE WATER BOARD OVER
25 POLLUTION FROM ITS RIGHT OF WAY INTO THE BAY. AND THEY HAVE TO



January 15, 2021

1 MEET CERTAIN MANDATES TO REDUCE POLLUTION, INCLUDING THE
2 MAINTENANCE OF THE RIGHT OF WAY, AND SO WITHIN THAT, THAT
3 MANDATE, FROM THE WATER BOARD, TO THE STATE CALTRANS, IS THERE
4 FUNDING AVAILABLE FOR LOCAL GOVERNMENTS TO IMPLEMENT GREEN
5 INFRASTRUCTURE PROJECTS TO REDUCE POLLUTION IN OUR WATER SHED,
6 AND IN THE BAY?

7

8 **KEITH LICHTEN:** WELL THERE IS. AND AS YOU KNOW THERE ARE
9 POTENTIALLY CONSTRAINTS AROUND THAT FUNDING WITH RESPECT TO
10 THE EXTENT THAT IT FUNDS ALL THE PROJECT COST. MATT PROVIDED
11 AN EXAMPLE OF A PROJECT THAT IS A COOPERATIVE, ORANGE MEMORIAL
12 PARK TO DISCHARGE TRASH SERVICES. AND TOM ONE OF OUR EXECUTIVE
13 OFFICERS ON BOARD, LIKE THE MRP, THE STATEWIDE PERMIT FOR
14 CALTRANS IS CURRENTLY UNDER REISSUANCE AND ONE OF THE OUTCOMES
15 THAT WE EXPECT OF THAT REISSUANCE IS THEY'RE ALSO FUNDING NOT
16 JUST WITH COOPERATIVE PROJECTS FOR TRASH BUT ALSO WITH MORE
17 COOPERATIVE GREEN INFRASTRUCTURE PROJECTS TO ADDRESS PCPS WHAT
18 WE EXPECT IN THE NEXT FIVE YEARS IS EXPANSION OF AVAILABLE
19 CALTRANS FUNDING TO SUPPORT PROJECTS THAT ARE NOT ON CALTRANS
20 RIGHT OF WAY. AGAIN JUST TO FINISH -- JUST RECOGNITION THE
21 CHALLENGES OF DOING SOMETHING, CONSTRAINTS IN THE
22 MUNICIPALITIES ARE EVEN MORE CONSTRAINED ON INTERSTATES AND
23 HIGHWAYS SO PARTNERS ARE KEY IN GETTING CLEAN WATER.

24



January 15, 2021

1 **JESSE ARREGUIN:** I WAS THINKING ABOUT CALTRANS AND LOBBYING AT
2 THE STATE LEVEL TO HAVE THIS BE A MANDATE OR A CERTAIN
3 PERCENTAGE OF THE CAPITAL PROJECTS THAT THEY HAVE TO DO
4 BECAUSE THAT WOULD REALLY HELP US ACCELERATE THIS IN THE BAY
5 AREA AND THROUGHOUT STATE. ROBIN TALKED ABOUT THE MULTI-
6 BENEFIT GOALS OF DOING THESE TYPES OF INVESTMENTS, IT'S NOT
7 JUST AROUND ADDRESSING RUNOFF AND REDUCING POLLUTION, IT'S
8 ALSO CRITICAL TO CLIMATE ADAPTATION AND REDUCING THE IMPACTS
9 OF GLOBAL WARMING ON OUR COMMUNITIES. SO I THINK REALLY THE
10 KEY THING IS AS WE PLAN CAPITAL PROJECTS, AS WE PLAN STREET
11 PROJECTS MAJOR STREET PROJECTS ROAD PROJECTS TO REALLY THINK
12 ABOUT HOW WE CAN INTEGRATE THIS INTO THE PLANNING, AND I DON'T
13 KNOW, YOU KNOW, WHETHER THERE IS DISCRETIONARY TRANSPORTATION
14 DOLLARS THAT WE COULD PUT INTO A FUND OR A PERCENTAGE OF THE
15 BUDGET THAT GOES TOWARDS THIS, BUT ON A REGIONAL LEVEL, BUT
16 THAT WOULD CERTAIN HELP TO ACCELERATE THE WORK. AND I KNOW
17 THAT IN THE DISCUSSIONS THAT WE HAVE HAD BEFORE COVID, YOU
18 KNOW, AROUND A POTENTIAL STATE, WATER, OR CLIMATE ADAPTATION
19 BOND THAT THIS IS SOMETHING WE SHOULD BE TALKING ABOUT, AS A
20 CONSULTANT OF THAT. AND HOW WE LOOK AT HOW WE PLAN STREETS AND
21 PLANNING THE PUBLIC RIGHT OF WAY TO PLAN IT IN A WAY THAT
22 ADDRESSES A VARIETY OF GOALS, NOT JUST STREETS THAT PROMOTE
23 MOBILITY BUT ALSO THAT HAVE GREEN INFRASTRUCTURE TO ENSURE
24 THAT WE ARE ADAPTING TO THE THREAT OF CLIMATE CHANGE. SO,
25 THANK YOU. THIS IS REALLY IMPORTANT. AND I THINK THERE IS A



January 15, 2021

1 LOT OF IDEAS THAT CAME OUT OF THIS THAT I'M GOING TO BRING
2 BACK TO BERKELEY. SO THANK YOU.

3

4 **SPEAKER:** MTC HAS TREMENDOUS CONTROL OR POWER OVER
5 TRANSPORTATION FUNDING AND THE PLANNED BAY AREA PROCESS AND I
6 KNOW THAT THERE WAS LEGISLATION THAT MANDATED COMPLETE STREETS
7 POLICIES BUT WHEN MTC SAYS YOU HAVE TO HAVE A COMPLETE STREETS
8 POLICY TO BE ELIGIBLE FOR ANY OF OUR FUNDING IT MAKES THE
9 CITIES ACT IN RESPONSE TO THAT AND I THINK IF MTC WERE TO SAY
10 YOU NEW NEED TO MOVE TO HAVE A SUSTAINABLE STREETS POLICY THAT
11 SAYS YOU HAVE TO BUILD IN ADAPTATION AND RESILIENCE INTO YOUR
12 TRANSPORTATION PROJECTS AND YOU HAVE TO DO THAT TO BE ELIGIBLE
13 FOR OUR FUNDING AND IF PLANNED BAY AREA STARTED TO TALK ABOUT
14 ADAPTATION IN TERMS OF OTHER IMPACTS BEYOND JUST SEA LEVEL
15 RISE I THINK THAT THAT COULD HAVE A HUGE IMPACT ON HOW FUNDS
16 GET PRIORITIZED AND DISTRIBUTED GIVEN THAT MTC CONTROLS AND
17 ADMINISTERS SUCH A SIGNIFICANT AMOUNT OF TRANSPORTATION.
18 THAT'S ONE EXAMPLE BUT THAT'S PART OF THE PROBLEM THAT WE'RE
19 NOT PRIORITIZING ADAPTATION AND RESILIENCE I HAVE SEEN A LOT
20 OF FOCUS ON SEA LEVEL RISE BUT I THINK WE NEED TO MOVE INTO
21 ISSUES WITH PRECIPITATION AND FLOODING BECAUSE I THINK WE MAY
22 SEE SOME OF THOSE IMPACTS SOONER AND MORE SIGNIFICANTLY THAN
23 WE WILL WITH THE SLOWER MOVING SEA LEVEL RISE SITUATION.
24



January 15, 2021

1 **JESSE ARREGUIN:** I'LL JUST CLOSE BY SAYING I AGREE WITH YOU
2 THAT WE NEED TO TAKE A MORE EXPANSIVE LOOK AT CLIMATE
3 ADAPTATION AND RESILIENCE WE ARE LEGALLY CONSTRAINED AS PART
4 OF THE PLANNED BAY AREA PROCESS TO LOOK AT REDUCING
5 TRANSPORTATION LEVEL EMISSIONS, AND AS THERESE TALKED ABOUT
6 LOOKING AT SB 375 AND LOOKING AT IT BEING BROADENED A LITTLE
7 MORE. SO, THANK YOU.

8

9 **CINDY CHAVEZ, CHAIR:** JOHN GIOIA.

10

11 **JOHN GIOIA:** THANKS AMY. CONGRATULATIONS ARE BEING CHAIR.

12

13 **AMY R. WORTH, VICE CHAIR:** THANK YOU. FOLLOWING IN YOUR
14 FOOTSTEPS JOHN.

15

16 **JOHN GIOIA:** PICKING UP ON SOMETHING JOSH SAID CONTRA COSTA IS
17 ALSO COUNTY EMPLOYEE NOT JUST BERKELEY GOOD PEOPLE GET AROUND
18 TO MULTIPLE AGENCIES WE'RE GLAD HE'S WORKING ON THE REGIONAL
19 LEVEL AND WORKING IN CONTRA COSTA. GREAT PRESENTATION. AND I
20 REALLY WANTED TO FOCUS ON THE RESOURCE FUNDING SIDE. ONE OF
21 THE SPEAKERS SAID THIS AREA IS A HIGHLY UNDERFUNDED AREA. AND
22 I THINK THAT'S REALLY THE MAJOR CHALLENGE WE HAVE, AND SO I
23 WOULD LIKE US TO THINK ABOUT HOW WE CAN, AS A REGIONAL
24 STRATEGY, REALLY ADDRESS THAT, AND WHEN I KNOW, STORMWATER --
25 STORMWATER FEES ARE CHALLENGING TO RAISE. CITIES AND COUNTIES,



January 15, 2021

1 WE HAD AN EFFORT IN CONTRA COSTA TO TRY TO RAISE OUR
2 STORMWATER FEES AND THAT WAS NOT SUCCESSFUL. BACK WHEN PROP
3 218 PASSED, THERE WAS AN EXCEPTION, YOU KNOW, THAT WAS OF
4 COURSE THE PROPOSITION THAT REQUIRED TO REALLY REQUIRE MORE
5 THINGS GET VOTED ON BY THE PUBLIC. RIGHT, TO BE INCREASED. AND
6 WATER AND WASTEWATER FEES, THERE WAS AN EXCEPTION, CAN YOU
7 IMAGINE IN EAST BAY MUD OR CONTRA COSTA WATER DISTRICT HAD TO
8 GO TO THE BALLOT EVERY TIME TO RAISE WATER FEES WHEN THEIR
9 COST WENT UP OR WASTEWATER. SO IT WAS FOR THAT REASON THAT
10 WATER AND WASTEWATER WERE BUILT IN AND DID NOT NEED TO GO TO
11 THE BALLOT. UNFORTUNATELY THERE WAS DISCUSSION BUT THERE WAS
12 NOT AN EXCEPTION PUT IN FOR STORMWATER FEES AND YEARS AGO
13 THERE WAS A COALITION OF ENVIRONMENTAL GROUPS AND LEAGUE OF
14 CITIES AND THE STATE ASSOCIATION OF COUNTIES THAT WERE
15 EXPLORING A BALLOT MEASURE THAT COULD -- IT WOULD HAVE TO I
16 THINK IT WOULD HAVE TO BE AN CONSTITUTIONAL AMENDMENT THAT
17 WOULD HAVE BUILT IN BASICALLY TAKING STORMWATER FEES OUT PROP
18 218 REQUIREMENT. I THINK WE NEED TO LOOK AT THAT BECAUSE RIGHT
19 NOW LOCAL GOVERNMENT DOESN'T HAVE THE RESOURCES TO DO ALL THE
20 THINGS THAT WE NEED TO DO UNDER THIS TYPE OF -- UNDER THIS
21 PLAN. AND WE NEED TO FIGURE A WAY TO ALLOW CITIES AND
22 COUNTIES, AND OTHERS TO BE ABLE TO RAISE THEIR STORMWATER FEES
23 TO BE ABLE TO FUND THIS. AND I DON'T KNOW HOW MANY OF YOU
24 REMEMBER THAT -- I MEAN, I WAS IN LEADERSHIP AT THE STATE
25 ASSOCIATION OF COUNTIES, AND WE WERE DOING A LOT OF POLLING AT



January 15, 2021

1 THE TIME, AND IF IT WAS THIS COALITION WITH ENVIRONMENTAL
2 GROUPS THAT IT STOOD A CHANCE OF SUCCESS. SO I WOULD LIKE TO
3 SORT OF SEE US AS A REGION, TAKE THAT ISSUE ON. BECAUSE IF WE
4 DON'T HAVE THE RESOURCES TO DO IT, I MEAN, THERE IS COST
5 ISSUES, YOU KNOW, AND NICK TALKED B YOU KNOW, WHAT'S THE
6 IMPACT ON NEW HOUSING, YOU KNOW, WHICH WE'RE TRYING TO KEEP
7 AFFORDABLE, BUILD MORE HOUSING. SO I WOULD LIKE US TO ACTUALLY
8 -- AND I'M WILLING TO THINK BEYOND WHATEVER EFFORT THAT WE'RE
9 PART OF THIS IS TO THINK ABOUT HOW WE RAISE THE REGIONAL OR
10 LOCAL RESOURCES TO DO THIS EVEN IF THAT MEANS CHANGING THE
11 PROP 218 REQUIREMENT AND TREATING STORMWATER FEES JUST LIKE
12 WATER AND WASTEWATER FEES.

13

14 **KEITH LICHTEN:** I REALLY APPRECIATE THAT POINT AND I THINK THAT
15 EFFORT HAS ALREADY BEEN MADE THROUGH SB231 AT THE STATE
16 LEGISLATURE AND REALLY WHAT REMAINS FOR THERE TO BE A
17 MUNICIPALITY THAT'S WILLING TO SORT OF GO OUT AND BE THE TEST,
18 TO FACE THE LEGAL TEST WITH, HOWARD JARVIS BY IMPLEMENTING
19 THAT AND RECOGNIZING THE NEED FOR THE STORM DRAIN SYSTEMS IS
20 NOT JUST WATER QUALITY IT'S THEY WERE ALL BUILT 150 YEARS AGO
21 IN THAT INFRASTRUCTURE. AND MATT, I KNOW THERE WAS A BAY AREA
22 MUNICIPALITY THAT WAS THINKING ABOUT PARTICIPATING, DID YOU
23 HAVE NEWS OR UPDATES ON THE SB231 SIDE OF THINGS?

24



January 15, 2021

1 **SPEAKER:** IT WAS GOING TO BE A TEST BASE OUT OF SAN MATEO
2 COUNTY THEY HAVEN'T GONE FORWARD WITH THAT YET. THINGS THIS
3 GROUP COULD THINK ABOUT IS, ONE IS CAN WE COME UP WITH GOOD
4 TEST CASES AND THOSE TEST CASES WERE DEEMED TO BE CASE WHERE
5 IS YOU HAVE STRONG CONNECTIONS TO THE EXISTING PROP 218
6 EXEMPTION SO YOU'RE PUTTING FORWARD A FEE THAT HAS STRONG
7 CONNECTIONS TO WATER SUPPLY WASTEWATER OR REV USE COLLECTION
8 THE CURRENT EXEMPTIONS THE TEST CASE GETS CHALLENGED AND HELD
9 UP AT THE COURT LEVEL OVERTURNS SAYING STORM DRAINS WERE NOT
10 SEWERS TO BEGIN W THERE WERE ATTEMPTS IN THE LEGISLATURE TO
11 GET AN INSTITUTIONAL AMENDMENT OUT AND ON TO THE BALLOT TO
12 CHANGE 218 AND THEY HAVE NEVER GOTTEN PAST COMMITTEES LET
13 ALONE ON TO A STATEWIDE BALLOT SO I THINK THAT WAS THE BEST
14 ALTERNATIVE IS SB231 BASICALLY SAID THERE WAS A PRIOR PUC
15 DEFINITION OF SUERS FROM THE 70S THAT SAID SEWERS INCLUDED
16 STORM SEWERS THAT SORT OF RELIED ON THAT PRIOR TO 218
17 DEFINITION BUT NOBODY HAS TESTED IT AND TAXPAYER GROUPS HAVE
18 SAID THEY WOULD CHALLENGE ANYBODY WHO TRIES IT SO MOST CITIES
19 ARE GUN SHY GETTING INTO A LEGAL BATTLE ABOUT THAT.

20

21 **SPEAKER:** I WANT TO SAY 231 HAD VULNERABILITY AND DOESN'T FIX
22 WHAT JOHN WAS PROMOTING. IT'S CONSTITUTIONAL CHANGE THAT'S
23 CRITICAL 231 WOULD TAKE YEARS TO GET OVER THE LEGAL HURDLES IT
24 DOESN'T DO US ANY GOOD AND PROBABLY MAY NOT EVER DO US ANY
25 GOOD.



January 15, 2021

1

2 **AMY R. WORTH, VICE CHAIR:** THANK YOU. JOHN? IS THAT IT?

3

4 **JOHN GIOIA:** I THINK WE NEED NOT TAKE THIS FINANCIAL ISSUE OFF
5 THE TABLE WE NEED TO FOCUS ON THAT. IT'S GREAT TO HAVE ALL
6 THIS WONDERFUL PLANNING AND ALL THESE GREAT IDEAS BUT
7 ULTIMATELY IF WE DON'T HAVE THE RESOURCES TO DO IT OR IT'S
8 TAKING AWAY MONEY FROM OTHER THINGS WE ALSO NEED TO DO IT PUTS
9 US IN A DIFFICULT SITUATION.

10

11 **AMY R. WORTH, VICE CHAIR:** I COULDN'T AGREE WITH YOU MORE JOHN.
12 THE WILL IS THERE BUT THE MONEY IS JUST --

13

14 **JOHN GIOIA:** YEAH WE WORKED TOGETHER AND COULDN'T GET IT DONE.

15

16 **AMY R. WORTH, VICE CHAIR:** THANK YOU. AND I AGREE. THIS IS
17 SOMETHING WE NEED TO TACKLE REGIONALLY. FIGURE OUT A WAY TO DO
18 IT. IT'S SO IMPORTANT BUT AT THIS POINT THE RESOURCES ARE JUST
19 NOT THERE TO DO THE RETROFITTING THAT YOU'RE TALKING ABOUT
20 TOO. SO SAM, YOU HAVE YOUR HAND UP. AND THEN KAREN.

21

22 **SAM SHUCHAT, E.O.:** SPEAKING OF MONEY, I WANT TO POINT OUT THAT
23 THE SENATE HAS REINTRODUCED THEIR CLIMATE RESILIENCE BOND IT
24 IS QUITE LARGE. THERE IS NO REASON WHY THERE COULDN'T BE A POT
25 OF MONEY FOR GREEN INFRASTRUCTURE IN THE BOND. COASTAL



January 15, 2021

1 CONSERVANCY SPENT PROBABLY AT LEAST HALF OF OUR PROP ONE MONEY
2 DOING EXACTLY THESE -- FUNDING THESE KINDS OF PROJECTS AROUND
3 THE STATE. SO THAT'S SOMETHING TO TALK TO YOUR ASSEMBLY AND
4 SENATE COLLEAGUES ABOUT. IT WON'T, YOU KNOW, BOND FUNDING WILL
5 NEVER SOLVE THE PROBLEM, BECAUSE IT WAS REMARKED THESE
6 PROJECTS TEND TO BE VERY -- VERY, VERY EXPENSIVE, AND YOU HAVE
7 TO FIGURE OUT SOME LONGER TERM FUNDING SOLUTIONS. BUT IN THE
8 SHORT-RUN, THERE COULD BE A BOND ON THE BALLOT IN 2022, AND IT
9 COULD FUND -- IT COULD FUND SOME OF THIS WORK.

10

11 **AMY R. WORTH, VICE CHAIR:** GREAT. THANK YOU. THANK YOU VERY
12 MUCH. KAREN? SUPERVISOR MITCHOFF?

13

14 **KAREN MITCHOFF:** HI, THANK YOU CHAIR WORTH. IN FOLLOWING UP ON
15 ALL THIS CONVERSATION RELATIVE TO FUNDING, AND SOMEONE
16 MENTIONED MITCH AVALON WHO USED TO WORK FOR CONTRA COSTA
17 COUNTY WHO I GUESS IS NOW A CONSULTANT, HE AND HIS
18 PROFESSIONAL GROUP, THERE WAS A BILL IN THE LEGISLATURE TO
19 MAKE STORMWATER AND THESE TYPES OF THINGS FALL UNDER JUST THE
20 MAJORITY AS OPPOSED TO JUST THE TWO THIRDS. SO IT'S GREAT TO
21 TALK ABOUT ALL THESE THINGS BUT AS IS MY WANT I'M GOING TO LAY
22 IT ALL AT THE STATE LEGISLATURE, IF THERE WAS SOME COJONES UP
23 THERE, THEY WOULD GET IT DONE.

24



January 15, 2021

1 **AMY R. WORTH, VICE CHAIR:** THIS IS CLEARLY A STATEWIDE PROBLEM
2 AND THE 420 CITIES AND 56 COUNTIES, THAT'S JUST THE RESOURCES.

3

4 **KAREN MITCHOFF:** THERE ARE ONLY A LIMIT THE NUMBER OF BILLS
5 THAT THEY CAN PUT IN. IT TOOK A LONG TIME TO GET THERE AND MY
6 RECOLLECTION IS IT WOULDN'T GET OUT OF COMMITTEE. I THINK IT'S
7 THE BEST WAY FORWARD AND WE'RE AT THE BEGINNING OF A TWO YEAR
8 SESSION AND AT THE BEGINNING AND NOW THERE MAY BE MORE OF A
9 WILLINGNESS AND LESS OF PANDEMIC FOCUS TO GET IT GOING.

10

11 **AMY R. WORTH, VICE CHAIR:** KAREN HAS BEEN A CHAMPION FOR THE
12 DELTA IN HER WORK WHEN WE LOOK AT THE ESTUARY AND HOW IT TIES
13 WITH THE BAY IT'S ALL TOGETHER AND IS SO CRITICAL. I WOULD
14 LIKE TO TURN TO THE PUBLIC NOW. ALLISON HAVE WE RECEIVED ANY
15 WRITTEN COMMENTS FROM THE PUBLIC PRIOR TO THIS MEETING? OR
16 RIGHT NOW?

17

18 **ALLISON BROOKS:** NO. WE HAVE NOT.

19

20 **AMY R. WORTH, VICE CHAIR:** GREAT. THANK YOU. I WOULD LIKE TO
21 TURN, INVITE DAVID LEWIS TO SPEAK. WELCOME.

22

23 **SPEAKER:** HI. THANK YOU VERY MUCH. GREAT PRESENTATION BY BOARD
24 STAFF AND REALLY APPRECIATE MATT'S LEADERSHIP AND THE WORK
25 JOSH AND ROBIN ARE DOING AT SFEI IT'S GREAT. AND YOU ALL ARE



January 15, 2021

1 GETTING A CHANCE TO SEE EXAMPLES OF ACTUAL PROJECTS THIS IS
2 NOT JUST CONCEPTUAL WORK ANYMORE. BUT I THINK AS THE QUESTIONS
3 UNDERSCORE AND ESPECIALLY NICK YOUR COMMENT, THERE IS SO MUCH
4 MORE OPPORTUNITY FOR THIS URBAN GREENING TO BE INTEGRATED INTO
5 THE PUBLIC RIGHT-OF-WAY AND PUBLIC SPACES, NOT JUST PRIVATE
6 DEVELOPMENT. FIRST I WAS TO UNDERSCORE THIS IS A TOP PRIORITY
7 FOR "SAVE THE BAY" WHICH, SOME OF YOU MAY, BUT OTHERS MAY NOT.
8 THERE IS A REALLY BIG OPPORTUNITY AND A NEED TO MAKE PROGRESS
9 AT THE LANDSCAPE SCALE, AT THE REGIONAL SCALE, AND THE STREET
10 SCALE IS ONE OF THE BIGGEST OPPORTUNITIES THAT JOSH, IN
11 PARTICULAR, UNDERSCORED. SO WHAT WE'RE TRYING TO DO IS
12 ACTIVELY WORK WITH CITIES AND COUNTIES TO HELP THEM REALIZE
13 THIS OPPORTUNITY AND THE MULTIPLE BENEFITS NOT JUST FOR
14 STORMWATER POLLUTION, BUT FOR CLIMATE RESILIENCE AND HUMAN
15 HEALTH AND PUBLIC SAFETY THIS IS ONE OF THE BETTER
16 OPPORTUNITIES THAT WE HAVE TO ADVANCE EQUITY BY MAKING SURE
17 THESE KINDS OF IMPROVEMENTS DON'T JUST HAPPEN IN WEALTHY
18 COMMUNITIES AND HIGH INCOME AREAS BUT IN UNDERSERVED
19 COMMUNITIES THAT TEND TO HAVE LESS GREEN SPACE AND PARKS AND
20 TEND TO HAVE MORE POLLUTION. HOW DO WE MAKE THIS HAPPEN?
21 FIRST, I THINK IT'S REALLY IMPORTANT AND BENEFICIAL FOR
22 CITIES, CITY COUNCILS AND COUNTY BOARD OF SUPERVISORS TO
23 ACTUALLY ENDORSE THIS APPROACH AS A VISION FOR THEMSELVES, AND
24 THEN ACTUALLY CREATE THE KIND OF COMPREHENSIVE IMPLEMENTATION
25 TRAGEDIES SO THAT MORE OF THIS URBAN GREENING CAN BE DEPLOYED



January 15, 2021

1 AND MORE OF THESE BENEFITS GET DISTRIBUTED WHERE THEY'RE MOST
2 NEEDED AND IN MANY MUNICIPALITIES, THERE IS A SILOING OF
3 AGENCIES AND DEPARTMENTS THAT HAVE DIFFERENT RESPONSIBILITIES
4 AND MAY NOT BE WORKING TOGETHER AS WELL AS THEY COULD. AS ONE
5 EXAMPLE, IN SAN JOSE, MAYOR LICCARDO HAS ACTUALLY BEEN A
6 LEADER, AND WE HAVE BEEN WORKING WITH HIM TO TRY TO HELP THIS
7 KIND OF AGENDA BE INTEGRATED ACROSS DIFFERENT DEPARTMENTS,
8 ENVIRONMENTAL SERVICES, AND PUBLIC WORKS, AND PEOPLE
9 MAINTAINING THE STREETS, SO THAT WHEN THERE IS AN OPPORTUNITY
10 LIKE EXPANDING BIKE PATHS IN THE CITY, WHICH INVOLVES CHANGING
11 THINGS ON THE STREETS, THAT'S REALIZED AS AN OPPORTUNITY TO
12 INTEGRATE MORE OF THESE URBAN GREENING APPROACHES THAT CAN
13 ALSO TREAT STORMWATER AND PROVIDE SOME OF THE OTHER BENEFITS.
14 AND FINALLY WE WANT TO CREATE MORE RESOURCES FOR THIS SAM
15 MENTIONED THERE IS GOING TO BE AN EFFORT IN THE LEGISLATURE
16 FOR A MAJOR RESILIENCE BOND. IN THE PAST, SOME OF THE STATE
17 FUNDING THAT HAS ENCOURAGED THIS KIND OF GREEN INFRASTRUCTURE
18 WORK BY MUNICIPALITIES HAS REALLY EMPHASIZED STORMWATER
19 CAPTURE FIRST, WHICH OF COURSE IS A BIG OPPORTUNITY AND
20 IMPERATIVE IN SOUTHERN CALIFORNIA BUT THE GEOLOGY AND
21 GEOGRAPHY IN THE BAY AREA DOESN'T MAKE THAT AS BIG AN ASPECT
22 OF THIS OPPORTUNITY HERE, MAYBE IN SOME PARTS OF THE BAY AREA.
23 SO WE WANT TO MAKE SURE IF THE STATE CREATES THOSE KIND OF
24 FUNDS IT DOESN'T REQUIRE THAT STORMWATER CAPTURE BE THE
25 DRIVING -- THE DRIVING IMPERATIVE OF THEM. AND THEN ON PROP



January 15, 2021

1 218 AND REDUCING THE THRESHOLD FOR STORMWATER FUND TOCK RAISED
2 BY AGENCIES THAT'S SOMETHING WE HAVE ALSO ACTIVELY WORKED ON.
3 I REALLY APPRECIATE THE ANSWER MATT GAVE IT'S QUITE ACCURATE.
4 IT IS A CITY IN SAN MATEO COUNTY THAT WAS CONSIDERING A
5 PROJECT THAT WOULD BE A TEST CASE OF THIS NEW APPROACH UNDER
6 SB231. BUT AS TOM UNDERScoreD THAT'S GOING TO TAKE A WHILE.
7 THAT'S NOT A FAST PATHWAY. WE ACTUALLY LOOK FORWARD TO WORKING
8 WITH ALL OF YOU. HAPPY TO FOLLOW UP WITH ANY OF YOU THAT ARE
9 INTERESTED IN HOW, SAY, THE BAY IS TRYING TO MAKE THIS HAPPEN
10 BETTER AND FASTER FOR ALL THE GREAT REASONS. APPRECIATE YOUR
11 INTEREST AND INTENTION IN THIS.

12

13 **AMY R. WORTH, VICE CHAIR:** DAVE THANK YOU FOR SPEAKING AND
14 JOINING OUR MEETING TODAY. "SAVE THE BAY" IS AN INCREDIBLE
15 PART OF THIS WORK AND THE WOMEN THAT FOUNDED IT REALLY GOT US
16 ON THE PATHWAY TO UNDERSTANDING HOW IMPORTANT THE BAY AND
17 WATER QUALITY CONTROL. AND I KNOW THEY'RE ALL WATCHING THIS
18 DISCUSSION WITH GREAT -- WITH REALLY, A FEELING, AND ALL THE
19 PEOPLE THAT KNEW THEM, OF HOW IMPORTANT THE WORK THAT YOU'RE
20 DOING, AND THAT THIS GROUP IS COLLECTIVELY DOING. YOU KNOW, WE
21 HAVE GOT A COUPLE MORE MINUTES AND I HOPE THIS IS THE
22 BEGINNING OF CONTINUES CONVERSATIONS. A COUPLE OF THINGS, IT
23 OCCURS TO ME WE HAVE FOCUSED TWO ELEMENTS, ONE IS THE CAPITAL
24 SIDE OF IT, THE BUILDING AND CONSTRUCTION, WHETHER IT'S NEW
25 ROADS, NEW HOUSING, NEW MULTI-FAMILY HOUSING, NEW COMMERCIAL



January 15, 2021

1 BUILDINGS, THAT'S ONE PIECE OF IT, BUT THE OTHER PIECE, THEY
2 THINK IS PARTICULARLY CHALLENGING, AND I KNOW YOU'RE IN THE
3 PROCESS OF WORKING WITH CITIES WITH REGARDS TO THIS NEW
4 REGIONAL PERMIT, AND THE CONCEPT OF THE REGIONAL PERMIT MAKES
5 A LOT OF SENSE BECAUSE THERE IS SUCH INTERCONNECTION BETWEEN
6 JURISDICTIONS, BUT YOU KNOW, ONE OF THE BIGGEST CHALLENGES IS
7 JUST THE ONGOING REVENUE, EVERY YEAR, TO DO THIS. OBVIOUSLY
8 THE NPDES PERMITS ARE CAPPED, AND THE OTHER ELEMENT IN TERMS
9 EVER SILOING, I KNOW A NUMBER OF US SERVE ON OUR -- WE HAVE
10 INDEPENDENT SOLID WASTE AUTHORITIES, AND IN OUR CENTRAL CONTRA
11 COSTA AREA, WE USED TO GENERATE REVENUE FROM SELLING RECYCLING
12 MATERIALS. WE CAN'T ANYMORE. THAT'S COMPLETELY GONE, BUT WE
13 USED THOSE FUNDS TO SAY, DO THINGS LIKE GET THE BIG BILLY
14 TREASURE COLLECTION SYSTEMS THAT REDUCE THE AMOUNT OF PAPER
15 WASTE THAT'S GOING INTO THE SYSTEM. I REALLY THINK THAT IF
16 WE'RE GOING TO DEAL WITH THE DAY-TO-DAY COST, WE JUST HAVE TO
17 FIGURE OUT ANOTHER WAY, ANOTHER WAY TO DO IT, AS JOHN POINTED
18 OUT, LIKE THE SEWER AND THE WATER. I MEAN, STORMWATER IS JUST
19 ABSOLUTELY THE SAME. IT REALLY IS. IT'S UNFORTUNATE THAT THE
20 STATE COULDN'T GET THAT EXEMPTION. SO THOSE ARE THE TWO THINGS
21 THEY SHARE JOHN'S VIEW ABOUT WORKING TOGETHER TO TRY TO FIND
22 SOME SERIOUS ONGOING REVENUE FOR EVERY YEAR AS WELL AS THE
23 BOND MONEY FOR THE PROJECTS. BUT I -- JUST ONE QUICK QUESTION,
24 I KNOW OUR DEPUTY EXECUTIVE DIRECTOR OF MTC, BRAD PAUL HAD A
25 QUESTION, AND I KNOW YOU PROBABLY SAW IT WRITTEN, BUT I WANTED



January 15, 2021

1 TO KIND OF SEE IF WE -- SEE IF, IN RAISING THAT TOO, HE SAID
2 REPURPOSING SHOPPING MALL AND OFFICE PARKING LOTS TO HOUSING
3 AND MIXED USE, WE'RE GOING TO BE DOING THAT WE HAVE GOT SOME
4 PROJECTS THAT ARE CURRENTLY ON THE BOOKS. YOU KNOW, THAT'S ONE
5 OF THE STRATEGIES TOO, AND I ASSUME THAT YOU'RE ALL WORKING
6 WITH CITIES AND REGIONALLY TO GET THOSE, YOU KNOW, GET THOSE
7 CONSTRUCTION PROTOCOLS IN PLACE, SO THAT WE CAN REALIZE SOME
8 OF THESE WONDERFUL WATER CAPTURE AND WATER, YOU KNOW,
9 INITIATIVES THAT ARE PART OF THAT. SO, ROBIN, I SEE YOUR HAND
10 IS UP, AND I BET YOU HAVE GOT SOME GREAT INFO FOR US ON THAT
11 AND OTHER THINGS.

12

13 **SPEAKER:** I WANTED TO ENFORCE THE I KNOW POINT OF GREEN
14 STREETS AND THE ROLE OF MTC AND CALTRANS, 25 PERCENT OF OUR
15 CITY IS STREETS AND SIDEWALKS, AND IT'S IMPORTANT TO REALIZE
16 THE SHIFT TO ACTIVE TRANSPORTATION AND MOBILITY. THE HUGE
17 ISSUE RIGHT NOW ADOPTION BEYOND HARD-CORE BICYCLISTS AND USING
18 SAFE BIKE LANES AND WHAT MAKES THEM APPEALING TO A WIDER
19 SPECTRUM BESIDES JUST THE LYCRA FOLKS, KIND OF THE HARD-CORE
20 WHAT MAKES IT SAFE IS HAVING A SEPARATE PROTECTED SEPARATED
21 BIKE LANE WITH VEGETATION IN BETWEEN SO THERE IS A REGION
22 REASON TO TRY TO GET FIVE OR SIX FEET THERE IN WHICH CASE YOU
23 CAN DO ALL THE THINGS WE'RE TALKING ABOUT ON THE STREET AND
24 ACTUALLY MAKE YOUR BIKE LANE THE SPACE WE JUST RECLAIMED FROM
25 TRAFFIC OR PARKING LANE MORE USEFUL WHICH TRANSLATES INTO



January 15, 2021

1 EMISSIONS REDUCTIONS THAT ARE OFTEN DRIVING THESE POLICIES
2 BECAUSE THE ADOPTION OF THE DIFFERENT MOBILITY SHIFTS IS GOING
3 TO INCREASE BY MAKING IT MORE APPEALING, MORE SHADED AND A
4 BETTER AESTHETIC AND FRIENDLIER EXPERIENCE. RESEARCH HAS SHOW
5 THAT JUST EMPHASIZING THAT THERE ARE MORE SYNERGIES THAN WE'RE
6 RECOGNIZING RIGHT NOW IN THIS SORT OF SILOED APPROACH IN
7 ENCOURAGING, THE THING I HAVE FOUND, ANECDOTALLY, THE FOLKS
8 PLANNING THOSE SORTS OF THINGS USED TO BE ANNOYED IN HAVING TO
9 FIT IN SPACE FOR TREES AND PLANTS NOW THEY'RE STARTING TO LOOK
10 TO THE GREENER INFRASTRUCTURE SIDE TO MAKE THEIR STUFF USABLE.
11 BECAUSE THEY JUST PUT THE BIKE LANE IN AND IT'S STILL CONCRETE
12 AND LIKE SOME WHITE PYLONS AND CARS THERE IT'S NOT GOING TO BE
13 THAT SUCCESSFUL. SO THERE IS BIG REASONS TO PULL OFF THIS
14 STUFF WHICH HOPEFULLY CAN LEAD TO A GREATER INVESTMENT AND
15 BUY-IN AS PART OF THESE LARGER TRANSPORTATION PLANS.

16

17 **AMY R. WORTH, VICE CHAIR:** GREAT. ROBIN THANK YOU. I AM GLAD
18 THAT YOU HIGHLIGHTED SOME OF THE PROJECTS WE HAVE ON THE BOOKS
19 THAT ARE HAPPENING LIKE SAN PABLO CORRIDOR WHERE YOU HAVE
20 MULTIPLE JURISDICTIONS WORKING TOGETHER AND DOING THINGS LIKE
21 THAT COMBINATION OF BIKE LANE AND GREEN INFRASTRUCTURE. THANK
22 YOU. THERESE MCMILLAN OUR FEARLESS LEADER HERE AT MTC.

23

24 **THERESE MCMILLAN:** GREAT. THANKS AMY AND MAYBE THIS IS A BIT OF
25 A WRAP UP. SUFFICE TO SAY I WAS TAKING LOTS AND LOTS AND LOTS



January 15, 2021

1 OF NOTES BECAUSE THIS IS NOT AN ARENA THAT I PERSONALLY AM
2 VERY, YOU KNOW, EDUCATED IN, SO THIS IS, OF COURSE, A REAL
3 LEARNING EXPERIENCE. BUT I WOULD LIKE TO MAKE THREE
4 OBSERVATIONS ABOUT IT GOING FORWARD. AND A LOT OF THE, YOU
5 KNOW, RECOMMENDATIONS OFFERED TODAY. YOU KNOW, THE FIRST IS,
6 THIS IS AN OPPORTUNE TIME TO HAVE THIS PRESENTATION, BECAUSE,
7 AS WE'RE -- AS I MENTIONED AT THE TOP OF MY REPORT, WITH
8 PLANNED BAY AREA COMING FORWARD NOW TO BE FINAL, WE ARE ALSO
9 IN THE IMPLEMENTATION PLAN LOOKING AT THE FIRST FIVE YEARS OF
10 THE PLAN AND SAYING, YOU KNOW, WHAT ARE THE EXACT -- OR WHAT
11 ARE THE SPECIFIC STEPS WE WOULD TAKE TO ACTUALLY CARRY OUT
12 THESE STRATEGIES. SO ON THE ONE HAND WHAT WE NEED TO DO, OR
13 WHAT WE WOULD DO WITH THIS INFORMATION IS SORT OF CROSSWALK IT
14 TO THE STRATEGIES THAT ARE ALREADY IN THE LONG-RANGE PLAN AND
15 IDENTIFY WHERE INTERSECTIONS OCCUR, LOOKING AT BRAD, YOU KNOW,
16 NOT LESS, AS HE HIGHLIGHTED, HERE IS AN EXAMPLE OF STRATEGIES
17 WE HAVE ADVANCED THAT MIGHT BE CROSSWALK THE SECOND PIECE
18 WOULD BE IN THE IMPLEMENTATION STRATEGY TO PICK UP SOME OF THE
19 POINTS YOU ALL RAISED, ARE THERE CHANGES IN THE LEGISLATIVE
20 ARENA THAT WE NEED TO PURSUE HOW DOES THAT LOOK. ARE THERE
21 LEGISLATIVE THINGS THAT WE COULD BE DOING, THE GRANTS AND WHAT
22 NOT AGAIN THAT'S AN OPPORTUNITY TO LOOK FOR SOME INITIATIVES
23 THAT WE MIGHT HAVE ALREADY BEEN THINKING ABOUT BUT IN BRINGING
24 IN THIS GREEN INFRASTRUCTURE. HOWEVER, I WOULD SAY THE OTHER
25 THING TO BE VERY MINDFUL OF, IS THAT IF WE DON'T HAVE THE



January 15, 2021

1 RESOURCES, THEN WE COULDN'T DELIVER. SO THAT'S REALLY
2 IMPORTANT, AND I'M VERY MINDFUL AND GRATEFUL FOR WHAT
3 COMMISSIONER JOSEFOWITZ BROUGHT UP, WHICH IS THERE MAY BE
4 UNINTENDED CONSEQUENCES OF PURSUING SOME OF THESE INITIATIVES
5 AS NEW REQUIREMENTS IF WE DON'T CAREFULLY THINK THROUGH HOW
6 THOSE FILTER DOWN AS ADDITIONAL POTENTIAL COST BURDENS, NOT
7 THE BURDEN OF DOING SOMETHING GOOD. YOU WANT TO DO THAT. BUT
8 FOR OUR MORE STRESSED POORER LOCAL JURISDICTIONS, WE ALSO, I
9 THINK, NEED TO BE VERY CAREFUL ABOUT ENSURING THAT THERE IS
10 WAYS THAT THEY EITHER AREN'T LEFT TO THE SIDE BECAUSE THEY
11 CAN'T AFFORD TO MOVE FORWARD WITH SOME OF THE INITIATIVES, OR
12 THAT THERE IS ADDITIONAL BURDENS PLACED ON THEM BECAUSE OF NEW
13 REQUIREMENTS THAT MIGHT BE FELT, YOU KNOW, MORE INEQUITABLY,
14 IF YOU WILL, IN TERMS OF THEIR CAPACITY TO ADDRESS THEM. SO
15 JUST TO SAY THAT THAT'S A VERY IMPORTANT LENS TO THAT WE NEED
16 TO PUT FORWARD AS NEXT STEPS.

17

18 **AMY R. WORTH, VICE CHAIR:** THERESE THANK YOU VERY MUCH FOR
19 THOSE COMMENTS AND I THINK THAT DOES POINT TO THAT IF WE'RE
20 GOING TO BE INCREASING CITY AND COUNTY REQUIREMENTS TO DO
21 PROJECTS THAT WE HAVE TO COME UP WITH SOME FUNDING SOURCES. I
22 JUST GOT A LETTER FROM A CITY ONE OF OUR OLDEST CITIES IN THE
23 BAY THAT IS DEALING WITH MAINTAINING SIDEWALKS. AND
24 TRADITIONALLY, WHERE YOU HAVE A SIDEWALK IN AN AREA WHERE THE
25 RESIDENTS DON'T HAVE THE RESOURCES PERSONALLY TO REPAVE THE



January 15, 2021

1 SIDEWALKS AND SIDEWALKS HAVE A HUGE IMPLICATION FOR WATER
2 QUALITY AS WELL AS PUBLIC ACCESS, AND MOBILITY. SO I DO THINK
3 THAT THIS ISSUE OF HAVING -- GETTING ADDITIONAL FUNDING, TO
4 FUND THESE THINGS IS CRITICAL, AND THE ANNUAL ONGOING. BECAUSE
5 IT'S -- IT'S JUST SOMETHING THAT'S SO IMPORTANT TO ALL OF US
6 IN SUCH A LONG RUN.

7

8 **AMY R. WORTH, VICE CHAIR:** KEITH HAD YOU YOUR HAND UP. AND
9 THANK YOU, AGAIN, FOR THE GATE PRESENTATION, FROM EVERYONE.

10

11 **KEITH LICHTEN:** GREAT. THANK YOU. JUST LOOKING AT THE TIME,
12 BRIEFLY, TWO QUICK POINTS IN RESPONSE TO BRAD'S NOTE. AND THE
13 FIRST S WE MENTIONED THE CITIES, EACH PREPARED A GREEN
14 INFRASTRUCTURE PLAN AND ONE OF THE HIGH POINTS OF THE GI OF
15 PLANS WAS LOOKING AT FUTURE DEVELOPMENT AND INCLUDING SPECIFIC
16 PLANNING EFFORTS TO INCORPORATE GREEN INFRASTRUCTURE. AND
17 SECOND WE'RE ENGAGED WITH BART ON THEIR TRANSIT VILLAGE
18 REDEVELOPMENT IN A SIMILAR WAY IN INCORPORATING MUNICIPALITIES
19 TO IDENTIFY CHANCES TO WORK COLLABORATIVELY IN THIS EFFORT.

20

21 **AMY R. WORTH, VICE CHAIR:** AND YOU HAVE GOT A LOT OF REAL
22 ESTATE TO BE ABLE TO PUT THOSE INVESTMENTS IN ADDITION
23 STREETS, ROADS, AND SIDEWALKS. GREAT. THANK YOU. TOM, YOU HAD
24 A COMMENT ALSO.

25



January 15, 2021

1 **SPEAKER:** REFLECTING ON THE DIALOGUE AND POINTS OTHERS MADE AND
2 POINTS I WANT TO OFFER, WE KNOW AT THE BOARD THAT THERE IS A
3 LIMIT, REALITY CHECK, THERE IS A LIMIT TO WHAT WE CAN DO IN
4 FORCE TO REGULATE. WE HAVE A BOARD THAT HAS THE POWER TO
5 EXERCISE, BUT WE HAVE TO HAVE, WITHOUT FUNDING MECHANISM, WHAT
6 WE DO TODAY ON REDEVELOPMENT IT'S BASED ON OPPORTUNITY AND IS
7 MUCH MORE COST EFFECTIVE TO DO SOMETHING WHEN YOU'RE TOUCHING
8 IT VERSUS DOING IT AFTER THE FACT RETROFIT IS EXPENSIVE BUT I
9 WILL SAY THAT WE'RE CONSTRAINED TO FORCE THINGS FROM A WATER
10 QUALITY DRIVER WE CAN RECOGNIZE MULTI-BENEFITS IT'S IMPLICIT
11 TO OUR REQUIREMENTS THAT WE WOULD GET DEFERENCE TO MULTI-
12 BENEFIT EFFORTS VERSUS THOSE EFFORTS THAT ARE STRICTLY DRIVEN
13 FOR WATER QUALITY BUT THERE IS A CHALLENGE I HAVE BEEN
14 THINKING OF IS THAT WE HAVE GOT TO THINK BROADLY ABOUT PUTTING
15 THESE PIECES TOGETHER SO WE AVOID CONSEQUENCES LIKE MAKING
16 PROJECTS FOR -- HOUSING PROJECTS UNAFFORDABLE AT THE SAME TIME
17 WE WANT TO AVOID MISSING OPPORTUNITIES AND THAT'S SORT OF THE
18 BALANCING THAT WE NEED TO THINK THROUGH AND THE WAY TO ACHIEVE
19 THAT BALANCE IS BY BREAKING DOWN THESE SILOS AND THINKING BIG
20 ABOUT THIS. ALSO I WANT TO LET YOU KNOW I'M FAMILIAR WITH
21 WHAT'S GOING ON AT CALTRANS AND FOR THE TRASH RELATED
22 ENFORCEMENT WE HAVE IMPOSED ON THEM THEY'RE COMMITTED TO OVER
23 \$300 MILLION OF FUNDS. AND WE ALSO KNOW THAT THEY'RE MUCH MORE
24 COST EFFECTIVE IF THEY CAN USE THOSE FUNDS THROUGH COOPERATIVE
25 PROJECTS THROUGH MUNICIPALITIES THAN TRYING TO ENFORCE AS



January 15, 2021

1 THEIR RIGHT OF WAY. BUT AS KEITH ALLUDED CALTRANS STATEWIDE
2 STORMWATER PERMIT IS UP FOR REISSUANCE AND THERE WILL BE
3 ADDITIONAL REQUIREMENTS ARE COMING AS A RESULT TO HAVE
4 COMMITMENT TO ADDITIONAL ATTENTION IDEALLY THROUGH GREEN
5 INFRASTRUCTURE ASSOCIATED WITH ITS FOOTPRINT. AND I'M GOING
6 MAKE SURE THEY CAN MEET THEIR OBLIGATIONS THROUGH COOPERATIVE
7 MUNICIPALITIES THERE IS LIKELY GOING TO BE MORE RESOURCES
8 AVAILABLE FOR BETWEEN INFRASTRUCTURE PROJECTS IN COOPERATION
9 WITH CALTRANS THE CHALLENGE IS THEY CAN'T FUND AT ALL. THEY
10 NEED MUNICIPALITIES TO BE ABLE TO HAVE A PROJECT AVAILABLE FOR
11 THEM TO FUND. AND THAT'S THAT DILEMMA A WHO CAN PAY FOR THE
12 PLANNING. SO THAT'S WHY WITHOUT HAVING A SORT OF INTEGRATED
13 APPROACH, TO THINK AHEAD, ABOUT WHERE ARE THE OPPORTUNITIES
14 THAT WOULD BE BEST FOR MULTIPLE REASONS IN THESE COMMUNITIES
15 WE HAVE TO FIGURE OUT HOW CAN WE INVEST IN GETTING PROJECTS
16 GOOD TO GO WHETHER IT'S RETROFITTING CONVERTING A HILL TOP
17 MALL INTO SOMETHING THAT HAS HUGE BEFORE THE. BY THE WAY I
18 LIVED IN BERKELEY FOR OVER 25 YEARS AND HAVE LIVED IN EL
19 CERRITO AND CONTRA COSTA VALLEY FOR MORE THAN 25 YEARS AND I
20 AM REALLY PLEASED AT MY ELECTED OFFICIALS, THAT ARE A PARTY TO
21 THIS. I DO MY BEST TO MAINTAIN OUR UNDERSTANDING OF REGIONAL
22 LOCAL NEEDS AND HOW TO BRING OUR REGIONAL PERSPECTIVE INTO
23 PLAY IN PARTNERSHIP. THIS ISN'T ONE AND DONE BY ALL MEANS.
24 LET'S KEEP IT GOING.
25



January 15, 2021

1 **AMY R. WORTH, VICE CHAIR:** TOM THAT'S A PERFECT NOTE AND YOUR
2 COMMENTS ARE PERFECT TO CONCLUDE THIS DISCUSSION. AND I
3 COMPLETELY AGREE WITH YOU. AND I WANT TO THANK THE WATER
4 QUALITY CONTROL BOARD FOR PULLING THIS TOGETHER FOR EVERYONE'S
5 INVOLVEMENT IN THIS AND ALSO THANK YOU FOR YOUR COLLABORATIVE
6 APPROACH THAT YOU USED THE WORD WITH THE CITIES. I KNOW YOU'RE
7 IN THE PROCESS OF NEGOTIATING THE NEW REGIONAL PERMIT, AND
8 YOU'RE -- YOU KNOW, I THINK FROM THE CITIES, YOU HAVE TWO
9 MESSAGES, ONE IS, WE WANT TO DO THIS. WE WANT TO DO THE
10 DEVELOPMENT WORK. WE WANT OUR ZONING TO ACCOMMODATE THE GREEN
11 INFRASTRUCTURE, BUT ALSO WE ARE REALLY, YOU KNOW, STRUGGLING
12 WITH HOW DO WE FUND INITIATIVES, AND SO I REALLY APPRECIATE
13 YOUR RECOGNITION OF THE CHALLENGES THAT CITIES ARE DOING. I
14 THINK MORE THAN EVER, WE'RE SEEING INVESTMENT IN THE DIRECTION
15 THAT YOU WANT TO SEE. BUT AT STATEMENT TIME WE HAVE THIS
16 PAINFUL REALITY, YOU KNOW, OUR CITY AS AN EXAMPLE GETS SEVEN
17 SETS OF EVERY TAX THERE SO YOU HAVE GOT TO SQUEEZE A LOT INTO
18 \$0.07 AND WE HAVE TO FIND A WAY TO DO CAPITAL FUNDING AS WELL
19 AS ANNUAL FUNDS IF WE WANT TO MAKE PROGRESS ESPECIALLY ON
20 THINGS LIKE THE STORMWATER RUNOFF THAT JUST HAPPENS OFF THE
21 STREETS AND ROADS AND THE SOLID WASTE THAT GOES INTO THE WATER
22 STREAM. SO JUST WANT TO THANK YOU ALL. THIS WAS A FANTASTIC
23 PROGRAM. AND I THINK THAT THIS SPEAKS TO THE KINDS OF
24 INTEGRATION DONE WHEN CONGRESSMAN DESAULNIER AND ASSEMBLY
25 MEMBER TOM BAETZ WERE PUTTING TOGETHER THIS CONCEPT OF BARC.



January 15, 2021

1 THIS IS WHAT THEY WERE THINKING OF IN PULLING OUR AGENCIES
2 TOGETHER TO TALK ABOUT THESE COMMON ISSUES ACROSS ALL OF OUR
3 AGENCY LINES. THANK YOU VERY MUCH. AND I KNOW THAT
4 COMMISSIONER MACKENZIE HAS HIS HAND UP. AND I WOULD LIKE TO
5 CALL ON YOU BEFORE WE CLOSE, SIR. HE'S FROZEN. YOU'RE THERE.
6 OKAY.

7

8 **JAKE MACKENZIE:** IS THIS ME?

9

10 **AMY R. WORTH, VICE CHAIR:** THAT'S YOU. THAT'S YOU, JAKE.

11

12 **JAKE MACKENZIE:** OKAY. CALLING IN FROM ROHNERT PARK WHERE YOU
13 HAVE THE FIRST EVERGREEN ROOF IN THE WORLD ON A FAST FOOD
14 RESTAURANT. AMY'S DRIVE-THRU, AND THE WEST SIDE OF ROHNERT
15 PARK HAS A GREEN ROOF. AND I WOULD REMIND ALL OF YOU THAT, AND
16 THOSE OF US THAT LIVE FORTH OF PETALUMA AND SONOMA COUNTY COME
17 UNDER THE JURISDICTION OF THE NORTH COAST WATER QUALITY
18 CONTROL BOARD. SO WHILE DAVID RABBIT SITS UNDER THE BAY AREA
19 JURISDICTION, THOSE OF US IN THE RUSSIAN RIVER WATER SHED COME
20 UNDER THE JURISDICTION OF THE NORTH COAST, THEY ALSO HAVE A
21 VERY ACTIVE PROGRAM IN THIS AREA. ANYWAY, THIS IS TIME FOR ME,
22 AS THE POET TS ELLIOTT SAID TO END NOT WITH A BANG, BUT A
23 WHIMPER, AND AS I WHIMPER OFF INTO THE END OF MY LAST MEETING
24 OF BARC, I JUST WANT TO REPEAT WHAT CHAIR WORTH HAS SAID,
25 "THIS WAS A GRAND IDEA, TO PUT INTO PLACE" AND IT'S OBVIOUS



January 15, 2021

1 THAT IT'S GOING TO GO FROM STRENGTH TO STRENGTH AS BARC. SO
2 HAIL AND FAREWELL. IT'S BEEN FUN. AND WE'LL SEE YOU AROUND.
3 BYE GUYS.

4

5 **AMY R. WORTH, VICE CHAIR:** WELL JAKE, THANK YOU FOR YOUR
6 SERVICE AS YOU HEAD OFF. AND WE STILL HAVE GENERAL PUBLIC
7 COMMENT. BUT I JUST REALLY WANTED TO SAY THANK YOU FOR YOUR
8 LEADERSHIP. YOU'RE ONE OF THE ENVIRONMENTAL CHAMPIONS IN THE
9 BAY AREA. YOU'RE BOTH, PROFESSIONALLY, AND PERSONALLY, AND SO
10 I KNOW THAT YOU'RE GOING TO CONTINUE TO BE WORKING ON THESE
11 ISSUES BECAUSE YOU HAVE PROMISED TO BE CONTINUED WITH YOUR
12 BOARD SERVICE ON GREENBELT AND A NUMBER OF OTHER ISSUES. SO
13 WE'LL LOOK FORWARD TO WORKING WITH YOU IN THE FUTURE. BUT
14 THANK YOU AGAIN.

15

16 **JAKE MACKENZIE:** I HAVE ENJOYED WORKING WITH ALL OF THE
17 ASSEMBLED MULTITUDE THAT'S ON THIS CALL. AND HOPEFULLY WE'LL
18 ALL BE BACK AT SOME POINT IN TIME AFTER SIX HOURS ON THE PHONE
19 WITH KAISER, I FINALLY GOT MY VACCINATION SCHEDULED IN SAN
20 RAFAEL FOR FEBRUARY THE SECOND. SO THOSE OF YOU WHO ARE OVER
21 65, DON'T GIVE UP. YOU CAN GET AN APPOINTMENT, EVEN ALTHOUGH
22 IT MAY BE IN MARIN COUNTY. ANYWAY. CHEERS. SEE YOU ALL.

23

24 **AMY R. WORTH, VICE CHAIR:** SEE YOU LATER. AND I KNOW SOME MARIN
25 COUNTY PEOPLE WHO ARE COMING TO CONTRA COSTA TO GET THEIR SHOT



January 15, 2021

1 SO WE'RE ALL WORKING TOGETHER. BUT ANYWAY, THANK YOU VERY
2 MUCH. LET ME JUST TAKE A MINUTE TO SEE IF THERE IS ANY GENERAL
3 PUBLIC COMMENT. ALLISON I DON'T SEE ANY ON THE BOARD. HOW
4 ABOUT YOU? GREAT. WELL JUST IN CLOSING, AND ADJOURNING THIS
5 MEETING, AGAIN, I WANT TO REITERATE MY APPRECIATION TO BE ABLE
6 TO SERVE. I AM HONORED TO SERVE AS CHAIR OF THIS GROUP, AND
7 WORKING WITH MAYOR ARREGUIN, YOU KNOW, IT'S NICE TO HAVE ALL
8 OF OUR -- WE HAVE A LOT IN COMMON HISTORICALLY, AND I THINK
9 THAT THIS MEETING HAS JUST BEEN REALLY EXCITING TO HEAR ALL OF
10 THE INITIATIVES THAT YOU ARE DOING IN THE AREA OF WATER
11 QUALITY AND INFRASTRUCTURE INVESTMENT. AND TRULY, IMPROVING
12 THE LIVES AND THE ENVIRONMENT FOR THE BAY AREA. SO, WE, AGAIN,
13 LOOK FORWARD TOO, AND I REALLY WANT TO REITERATE JOHN COMMENTS
14 ABOUT SUPPORTING THE EFFORTS AND BEING PART OF THE EFFORTS TO
15 SUPPORT LONG-TERM CAPITAL AND OPERATING FUNDING FOR ALL THE
16 WORK THAT NEEDS TO BE DONE. BECAUSE IF CALIFORNIA IS TAKING
17 SERIOUSLY THESE ISSUES, WE'RE HAVE TO -- THE STATE HAS TO FIND
18 A WAY OF WORKING TOGETHER TO FIND THESE ADDITIONAL RESOURCES.
19 SO, I WANT TO THANK YOU VERY, VERY MUCH, AND WITH THAT, WE
20 WILL -- IF THERE IS NO FURTHER COMMENT, FOR THE GOOD OF THE
21 ORDER, WE WILL ADJOURN THIS MEETING TO OUR NEXT MEETING WHICH
22 WILL BE HELD ON FRIDAY MARCH 19TH. SO, THANK YOU VERY MUCH.
23 AND HAVE A GREAT DAY AND A GREAT WEEKEND. [ADJOURNED]
24



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