

From: [Paul Brunell](#)
To: [Jack Gibson](#); [Monty Schmitt](#); [Larry Bragman](#); [Cynthia Koehler](#); [Larry Russell](#)
Cc: [Connolly, Damon](#)
Subject: WEAK fines -- do you even care?
Date: Thursday, September 23, 2021 2:34:12 PM

It is almost unforgivable that you board members continue to throw forth WEAK measures to address the crisis, including now WEAK and laughable fines for over-use.
There is NO deterrence.

Meanwhile rate payers like me have more than met the 40% reduction. We have been at 6 units now for the last 2 cycles, 7 before that. down from 11 most cycles.

It's clear to me that you guys don't belong on a water district and clearly don't give one minimal shit about protecting the supply. Your inaction, delays, and weak rules will plunge this county into third world status. Thanks for nothing.

> Paul Brunell
> San Rafael - Marinwood
> 415-910-6903

> On May 23, 2021, at 6:13 PM, Paul Brunell <PAULBRUNELL@COMCAST.NET> wrote:

>

> I am extremely disappointed that I never got a response to this email from a single one of you a month ago.

> What's the point of a board if there's not even an attempt to respond to your rate payers as elected officials?

>

> I am going to send this follow up email to all 5 Marin Supervisors as well, and I expect some semblance of a response from the MMWD, so here we go.

>

> I think we have a right to know why restrictions were not put into place until well into May given the the dry year that was apparent back in February. Restrictions could have and SHOULD have been put in place in March given the reservoir levels back then. It's inexcusable.

>

> But more importantly residents of Marin need to know what MMWD's backup plan is.... emergency plan? Anything besides social media softball messages to "please conserve." What else besides "lay and pray" do Marin residents have to look to from either MMWD and/or our Supervisors? The math is clear — anything less than an average rainfall starting in October or November will lead to our reservoirs running dry in early 2022. What emergency PLANS are being developed RIGHT NOW — (not 5 months from now) — to ensure we have some water in 2022? Another pipeline? An emergency Desal plant? What?! What besides praying that the wealthy water users of Marin get a clue is being put in motion? Rate payers like me who use 7 CCF's now have to hope that the wealthy Mill Valley people who have \$1000 water bills soaking their landscaping every month are going to start caring. Please tell those of us who are trying that you have a PLAN on the way....

>

> Paul Brunell
> San Rafael - Marinwood
> 415-910-6903

>

>

>

>> On Apr 22, 2021, at 10:48 AM, Paul Brunell <PAULBRUNELL@COMCAST.NET> wrote:

>>

>> From the last board meeting —

>>

>> ---"The board opted to not impose a limit on outdoor watering to one day per week, but will revisit this in two weeks. "—

>>

>> Help me understand why IMMEDIATE outdoor watering restrictions were not put in place?! What are you waiting for? Why do you continue to kick this can down the road and “revisit it?!”

>> This is incredibly irresponsible given what we’re facing — where do you plan on getting a miracle supply of water?

>>

>> Someone PLEASE help explain this decision!!

>>

>> Paul Brunell

>> 415-910-6903

>>

>>

>

Tuesday's Board Meeting

Yahoo/Sent

Ed Jameson <ed_jameson@yahoo.com>

To: lbragman@marinwater.org, jgibson@marinwater.org, ckoehler@marinwater.org, lrusse
ll@marinwater.org, mschmitt@marinwater.org,
bhorenstein@MarinWater.Org, mmaclean@marinwater.org

Fri, Sep 24 at 3:09 PM

Fri, Sep 24 at 3:09 PM

I watched my first Board meeting Tuesday night, and was disturbed by the Board's apparent lack of urgency, with the exception of Director Russell. Six months into this you are only beginning to debate whether a required pipeline bond issue should be porkbarreled with a slush fund for long-term conservation measures, rather than continuing to pay for these things with operating funds. The consultant's Tuesday presentation showed Marin per capita usage to be **way** below other parts of the bay area, likely reflecting the last four decades of Marin's focus on implementing conservation measures - - and calling into question how much more "conservation" can realistically, and affordably, be achieved.

The Board doesn't even yet have a common vision of what the bond measure should consist of, and it sounded like you all may be debating this subject again on October 19, four more weeks from now.

Once the bond measure is finally floated, materials procurement will likely prove problematic because of pandemic-related supply chain breakdowns throughout the economy. Then there are the labor shortages that may make the pipeline installation slower than hoped. And the District's mandated 40% conservation goal is stuck at only 27% achieved, meaning that we're using 22% more water than the goal.

On Tuesday Director Russell suggested weekly Board meetings to hasten resolution of remaining issues, but President Koehler, you quashed that idea. The Board has dithered for six months, now, and it needs to timely resolve, and agree, on any remaining issues. You should be meeting weekly until potential delaying issues are resolved.

If you need to crystalize this in your mind: **Where's the water to fight fires going to come from if we run out of water in the Second or Third Quarter of next year?**

By late March it was clear that we are in a crisis that can only be resolved, short-term, by a \$60-\$90 Million pipeline to the East Bay - - that may be worthless in 3-5 years if Central Valley water becomes no longer available for purchase. If we'd put that money into backup desal, we'd be prepared - - but we didn't.

To President Koehler: Your "not trying to hijack" the bond offering, was of course, exactly that, appeared both petulant and narcissistic, and appeared to me to be undisguised blackmail - - you agree that the pipeline is needed, but you won't support it unless it comes on your terms, with a bunch of unrelated baggage. You would never get away with this kind of behavior in a real business. With you on the Board for 16 years, I can begin to understand how we all find ourselves in the fiasco described in the previous paragraph.

The Board needs to proceed, with urgency, to get construction of the pipeline underway, without your support if that's what it takes. Yours is only one of five votes on the Board, and the Board needs to do what's right.

And your comments in the meeting suggested to me that you hadn't bothered to read some of the resolutions before the meeting, which is really not acceptable. If I'm wrong about this, I apologize.

To General Manager Horenstein: You serve the water users of Southern Marin, and you report to the Board, not to Ms. Koehler. You must not jeopardize urgent progress on the pipeline project to pander to her personal agenda. Your Tuesday offer to unilaterally revise the bond description to include a lot of her unrelated junk was inappropriate, and could complicate successful and timely issuance of the bonds. The whole Board should be making these kinds of decisions - - advised by counsel and the bond underwriters, as appropriate, not by Ms. Koehler.

cc: Charles McBride

Ed Jameson, Larkspur

(Former Corporate Planner/CFO)

Nice to meet you!

From: sanfordgo@comcast.net

To: [Terrie Gillen](#)

Subject: Hi. I'd guess you team has already considered the following, but just in case I'd like to be helpful and suggest a plan to seed local clouds this winter to increase rain. Thanks and best wishes. Sanford

Date: Tuesday, September 28, 2021 9:18:31 PM

From: [Emma Detwiler](#)
To: [Terrie Gillen](#)
Subject: Fw: Water storage
Date: Friday, October 1, 2021 1:08:28 PM

Board comment

From: Mike Farthing <mike.farthing777@gmail.com>
Sent: Friday, October 1, 2021 8:51 AM
To: Emma Detwiler
Subject: Re: Water storage

Think of it as a rain flume constructed from 4ft. diameter rust resistant metal pipe cut in half in order to be open air to catch rainfall and is a mile long or more.

On Fri, Oct 1, 2021, 7:55 AM Mike Farthing <mike.farthing777@gmail.com> wrote:

Hello I am writing you with an idea to collect more water in times of precipitation. A wadi or several could be used from the top of Mt. Tam to Kent lake. Not an earthen wadi, but a man made constructed wadi. The same could be done at Nicasio reservoir. hope it rains big this year! And we expand our collection ability. Mike Farthing

RECEIVED

OCT 01 2021

THIS DAY IN SEPTEMBER

MMWD

**NOW IS THE TIME TO PERFORM AN EXTRAORDINARY
CHANGE IN YOUR WATER RESAVOIR COLLECTION
OPTIONS.**

**SPLIT PHOENIX LAKE INTO TWO PARTS. ONE PART
TO RECEIVE WATER AND ONE PART TO DISPENSE
WATER.**

**COLLECT WATER FROM THE AQUADUCT NEAR THE
COLLEGE OF MARIN (WHICH WOULD COME IN DAILY
AS THE SALT WATER FROM THE PACIFIC OCEAN'S
HIGH TIDE). SEND THIS SALT WATER TO THE
RECEIVING PART HALF OF THE LAKE EVERY DAY.**

**RUN IT DOWN THE SPILLWAY WHICH CAN HAVE
NUMEROUS DESALINIATION FILTERS BUILT ON IT,
THEREBY REMOVING THE SALT FROM THE WATER
BY THE FORCE OF GRAVITY.**

**COLLECT THE MOSTLY DESALINIATED WATER WITH
PONDS, AND THROUGH AN ALREADY ESTABLISHED
NETWORK OF PIPING, PUMP THE NOW FRESH
WATER UP TO ALL THE OTHER LAKES.**

**FOLLOW THIS CONCEPT, GET ENGINEERS BEHIND
IT, AND PUBLIC SUPPORT, AND MARIN WILL HAVE
FULL LAKES ALL THE YEAR AROUND!**

YOURS TRULY, THE GOOD ADVICE COUNSEL

**AND AS A FURTHER STEP TO BE TAKEN
MILWAUKEE OF BISHOP BOWNE LINE FROM LAKES
BOWEN AND LINDSEY ON YUBA RIVER ESTABLISHED
COLLECT THE ABOVE DESCRIBED WATER WITH**

**SA THE FORCE OF GRAVITY
THEREBY REMOVING THE SALT FROM THE WATER
BY THE FORCE OF GRAVITY**

Let's Solve a Major Problem

Inspired by the book by Tom Philpott

"Perilous Bounty: The Looming Collapse of American Farming and How We Can Prevent It"

Our country and others are suffering enormously from a lack of water. The solution is desalination of enormous amounts of the ocean's salt water. The current method of desalination is enormously too expensive. As a result, the sea water desalination is being shelved because of its exorbitant cost of production.

Current desalination is simple: Boil salt water, capture the steam and condense it into agriculture and pure water. The condensation technology is the problem and a more efficient design is necessary to create the vast volumes of pure and irrigation water we need.

A modern American steam engine can deliver a vast amount of heavy freight across the country safely. A study should be made by mechanical engineers of steam engine equipment, focusing on electric pumps and piping equipment, boilers utilizing electric motors for power driven by solar panels and windmills, and as steam condenses - mechanical cooling of the steam in vast quantities by refrigeration, and solar equipment for the pumps to direct usable water for public drinking water and agriculture water disbursement. All equipment must have access for routine maintenance and extracted salt must be put in stainless steel containers that can be sunk in deep oceans from vacationers on vacation.

Drinking water will be directed toward the public demands through Water Districts based upon population count.

Agricultural water of less purity should be directed by Agriculture Districts, based upon foot acres of quantities.

The \$8.2 billion California agriculture economy is subject to closely disappearing from loss of adequate irrigation. Other parts of the country are having similar problems. We are destroying our aquifers daily.

If we don't solve the water problem, a lot of people may starve to death.

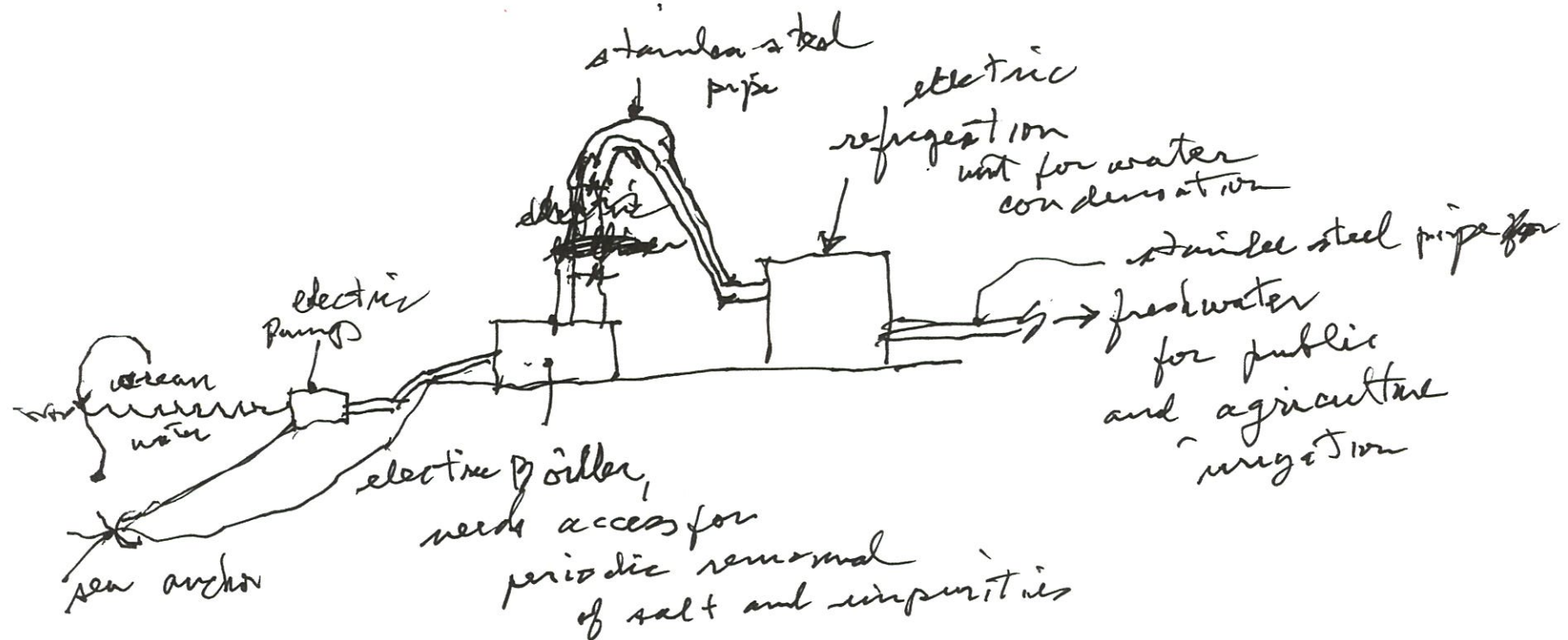
Should and when we may receive snow-melt and rain, we can shut down portions of the desalination systems and augment future droughts.

Have you thought about what our world might be like in 2050? The Time Magazine, August 23/30, 2020 discussion is frightening. We need to find mechanical engineers to design a system for producing large volumes of desalination of salt water into pure drinking and agricultural water. There will be a huge demand for the engineering services in this field. To create jobs for the American populations, our President hopes to create projects for roads and bridges. We have lots of roads and bridges, but we can't drink roads and bridges. Let's focus instead on producing domestic agriculture water and then we will have the population to build roads and bridges before 2050 without loss of population.

Unless we are blessed with rain and snow melt, droughts will continue to occur. After 2050 we will have either infrastructure to select for our country and the ability to select our system so safeguard our future.



G. Thomas Telfer



DESALTATION CONCEPT

phase two

Let's Solve a Major Problem

Inspired by the book by Tom Philpott

"Perilous Bounty: The Looming Collapse of American Farming and How We Can Prevent It"

phase two

Americans cannot live without water. Americans can live without new roads and bridges. Americans with water can build new roads and bridges and create jobs to avoid a recession.

Fortunately for Americans, President Joe Biden was a concept for Americans to provide the enormous capital to build roads and bridges and desalination of salt water into pure drinking water and irrigation water, saving lives. However, Coronavirus 19 hit and every region on our planet has taken a hit in one form or another of warming, leading to climate change.

If we don't solve these problems by 2050 our planet may begin to look like the moon. We must solve our problems before 2050. When we have accomplished this, then we can live in the world many more centuries in happiness.

Salinas is about five miles from the Pacific shoreline and would be a good area for a pump station for domestic water and a pump station for agriculture about forty miles also from the shoreline to the city of Firebaugh and the San Joaquin River Valley, a dominant agricultural area.

After graduating from Stanford University, I was employed for two years as the job captain on the thirty story Hartford Building in San Francisco and coordinating the structural and mechanical equipment with the architectural drawings.

Perhaps the mechanical engineering department may have a young and talented young engineering type, that with help, could be able to prepare some preliminary engineering drawings using mechanical equipment designed for complex, high rise architectural buildings for the special capacities required for Desalination of salt water.

If the state of California, with the assistance of the American Government was able to send mountain snow melt to Los Angeles, we should be able, with the United States Navy's desalination equipment and our Government's help, provide domestic and agriculture water to our civilian communities where needed in the state of California.

The Navy's desalination equipment has been well tested at sea by our American Navy and comes in all sizes to support the battle fleet, large to small, with great success over time. Let's get together the state of California, our American Government and our Navy to provide our American population with the water they need in a hurry before 2050 or our planet may begin to look like the moon.

Salinas, California may be the best area for a start-up project. It's four miles from the Pacific shoreline and forty miles from the San Joaquin Valley in Central California, an agriculture area, which has been bypassed with short available water, the rest being sent to the southern part of California.

The start-up project should be a domestic water pump station to manage delivery of irrigation water to the agriculture community. the Navy equipment should be sized for service areas. This concept should serve future projects and all be powered by electricity for climate reasons.

The leadership of many water districts in California may be considering periodic reductions of dispensing domestic water to individual residents and businesses over the next year and gamble that there will be by then lucky to receive hopefully volumes of rainfall to replenish reservoirs. This gamble could be disastrous.

The smart solution would be for communities to initiate where possible for water districts to initiate small domestic desalination facilities in case of a major disaster, using U.S. Navy small scale equipment.

Now the Marin Water District is securing a new water pipeline to the bottom of the bridge from the East Bay to Marin. With the help of the Federal Government, the state of California should finance new U.S. Navy style desalination facilities to service the East Bay and send water to the new under bridge pipeline to Marin. in addition the Water District should build a new desalination facility on the East Bay shoreline. it has been said that the San Francisco bay water has a 3% less salt makeup than the Pacific Ocean.

As the State and Federal governments become more involved in solving water problems throughout California, the teamwork will reach a more financial and emotional stability and financial and emotional stability, and in other areas of the state will be inclined to jump in. Many Californians are hungry for water.



G. Thomas Telfer



G. Thomas Telfer, Architect, Retired
Novato Sunrise Rotary • Paul Harris Fellow

1526 Buchanan Street
Novato, CA 94947
415.895.5139

TIME IS A WASTING.

It's time for California Public Leadership to hire creative and experienced mechanical engineers to design large-scale desalination equipment to align the Pacific shoreline and San Francisco Bay and connect them to the existing waterways and pipelines to domestic and agriculture facilities, statewide, and in a hurry. Sooner or later we will be happy we have done this.

A handwritten signature in blue ink that reads "G. Thomas Telfer". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

G. Thomas Telfer

President Joe Biden
The White House
1600 Pennsylvania Avenue, N.W.
Washington, DC 20500

Governor Gavin Newsom
1303 10th Street, Suite 1173
Sacramento, CA 95814

Congresswoman Nancy Pelosi
San Francisco District Office
90 7th Street, Suite 2-800
San Francisco, CA 94103

Del Bosque Farms
51481 W Shields Ave.
Firebaugh, CA 93622

San Francisco Water Department
525 Golden Gate Ave
San Francisco, CA 9410

San Francisco Mayor
1 Dr Carlton B Goodlett Pl #200
San Francisco, CA 94102

New Orleans Mayor
1300 Perdido St.
New Orleans, LA 70112

Dept. of Environmental Protection
59-17 Junction Blvd, 13th Floor
Flushing, NY 11373

New York City Mayor
City Hall
New York, NY 10007

Salinas Mayor
200 Lincoln Ave
Salinas, CA 9390

Miami-Dade Water & Sewer Dept.
3071 SW 38th Ave.
Miami, FL 33146

Miami-Dade Mayor
Stephen P. Clark Center
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Miami, FL 33128

Marin Municipal Water District
220 Nellen Avenue
Corte Madera, CA 94925

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Oakland City Mayor
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Oakland, CA 9461

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Tempe, AZ 85283

Skidmore Owings Merrill
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San Francisco, CA 94111

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Novato, CA 94947

Michael & Jackie-Bonner Ring
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Novato, CA 94947

Rotary International
1560 Sherman Ave.
Evanston, IL 60201

Carollo Engineering
2795 Mitchell Drive
Walnut Creek, California 94598

Joint Chief of Staffs
9999 Joint Staff Pentagon
Washington, DC 20318-9999

Senator Charles E. Schumer 780
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York, NY 10017

Gen. Mark A. Milley
Chairman of the Joint Chiefs of Staff
9999 Joint Staff Pentagon
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Michael and Theresa Landram
30 Lauren Drive
Novato, CA 94947

North Marin Water District
999 Rush Creek Place
Novato, CA 9494

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4.

Bill and Kay Walker
48 Capilano Drive
Novato, CA 94949

From: [Scott D. Miller](#)
To: [Board Comment](#)
Subject: Questions for Oct 5th Board Meeting
Date: Monday, October 4, 2021 12:18:02 PM

Since 2010 when the Desalination Project was shelved, what have been the plan B options to either:

- 1) **Expand our watershed storage capacity.** Current status and timeline of any expansion plans.
- 2) **Develop recycled water,(greywater) use in Marin** (beyond possible San Quentin) recycle program. What is the status and timeline of greywater or recycle programs?

Are there current plans to resurrect either permanent or rental desalination projects to supplement the Marin supply.

Thankyou: Scott Miller



October 5, 2021

Board of Directors
Marin Municipal Water District (MMWD)
220 Nellen Ave.
Corte Madera, CA 94925

Dear Members of the Board:

The current drought facing Marin County and other counties in the North Bay represents a crisis with little precedent. To ensure that the nearly 200,000 customers served by Marin Municipal Water District are able to turn on their taps every day, the District is exploring all available options, including an emergency intertie pipeline across the Richmond-San Rafael Bridge.

However, there remains the question of how that pipeline would be constructed. The Marin County Bicycle Coalition (MCBC), Bike East Bay, and Trails for Richmond Action Committee (TRAC) join in urging the District to retain the upper (westbound) deck of the bridge for active transportation and recreation purposes and choose a pipeline alignment that does not conflict with the Richmond San Rafael Bridge Multi-Use Pathway, and which will minimally impact the approaches during construction.

The pathway, opened in November of 2019, has served over 180,000 bicycle and pedestrian trips over the bridge and is a key part of the nine-county San Francisco Bay Trail. It is currently the only way to cross the Bay outside of a car or transit vehicle between the Golden Gate Bridge and Carquinez Straits Bridge.

Since the last time a pipeline was run over the Richmond-San Rafael Bridge, the population of the Bay Area has grown nearly 70%. At the time, climate change was not even a concern and active transportation was given little consideration by regional planners. Times have changed, and we now understand the important role that walking, jogging, and biking have on our path toward lower greenhouse gas emissions, as well as a healthy lifestyle. As such, we believe that a portion of the bridge deck should be reserved for active transportation and recreation purposes with the pipeline, if it is deemed necessary and feasible, hung below. Additionally, all feasible efforts should be made to avoid disrupting the approaches to the pathway, which we understand may be significantly impacted by construction.

We understand that difficult times call for difficult choices. However, with the ingenuity of our engineers and the vision of our leaders, we believe that a solution can be found that preserves the multi-use pathway and its approaches rather than locking out those without access to a motor vehicle.

Respectfully yours,

A handwritten signature in black ink, appearing to read 'Tarrell Kullaway', with a long horizontal flourish extending to the right.

Tarrell Kullaway
Executive Director
Marin County Bicycle
Coalition

A handwritten signature in black ink, appearing to read 'Dave Campbell', written in a cursive style.

Dave Campbell
Advocacy Director
Bike East Bay

A handwritten signature in black ink, appearing to read 'Bruce Beyaert', written in a cursive style.

Bruce Beyaert
Chair
Trails for Richmond Action
Committee