

From: [John Leszczynski](#)
To: [Board Comment](#); [Steve Isaacs](#); [Paul Deuter](#); [Crystal Yezman](#)
Subject: CO2 Content Over Earth Riding A Rocket To Mars
Date: Saturday, February 5, 2022 4:05:44 AM
Attachments: [CO2 CONTENT ON A ROCKET.PDF](#)

The Feb 8 MMWD Board Meeting is to discuss "options" for mitigating the westward progress of the central CA desert to eastern Marin County. It is a futile and unnecessarily time- consuming exercise. WHY? Because.....

The Board is still focused on praying for rain. They refuse to accept that given the "big picture" (see attachment), rain and snow will disappear as an option for them to rely on...in less than 15 years, for sure.

They can't merely "rearrange" the existing sources of water, because global warming, as it affects the Western US, won't let them. We are drying up. There are no reasonable expectations otherwise. .

The graph below should frighten all those who understand that the trend shown on the graph will continue to heat the planet, unabated, as the CO2 dome closes over us.

The only sensible alternative is to make our own potable water. We are surrounded by our "raw material", and in fact due to SLR, it's coming to US! How's that for a positive take on Sea Level Rise!?

ALSO, desalination is the BEST solution to protect and preserve our streams and rivers and wetlands for local floral and fauna...letting them have whatever natural rainfall comes the county's way!

In other words, whatever potable water HUMANS make from the seawater leaves that much more for our fellow creatures in the streams, rivers and lakes in Marin County! We owe it to them to help them survive!

We need a DESALINATION PLANT, at least 15 MGD per day, with provision for easy expansion to 25 MGD per day.....although I think it's more cost-efficient to put it all in now! Our potable water use is between 15-30 MGD over a year. Floating bonds to pay for it will never be any easier given the historically low interest rates right now.

Also, keep in mind that the PIPELINE over the Richmond Bridge SHOULD be built asap, BUT only with the orientation of SELLING our water to the East Bay . We can actually earn money on the operation, as well as satisfy our own thirst and hygiene needs.

That is what I call a true Regional approach, which now helps our save our environment.

Those East Bay districts should be eager to pay for the pipeline!

The existing reservoir system would act as backup to the desalination plant ,NOT the other way around

as our Board foolishly thinks. In particular, the reservoirs would provide water during times when the DESAL plant is undergoing standard, periodic maintenance..

It's simple. The DESAL plant is similar in nature to your average Sewage Treatment Plant which we've used historically to replace local septic tanks. **Similarly, In the modern world, it's becoming more necessary to centralize water-making sources to ensure that clean, potable water is constantly supplied under ALL conditions.**

PS What the graph shows is that it took **over 400,000 years** to go from 180 ppm CO₂ to 300 ppm in the world's atmosphere.

It more or less stood there at varying levels under 300 ppm. for **another 400,000 years..**

Then came 1950, when besides Elvis Presley (who?), CO₂ hit 300 ppm, and never looked back.,

It reached nearly 420 ppm, Feb 3rd, 2022..in just 72 years! A 120 PPM INCREASE THAT PREVIOUSLY TOOK 400,000 YEARS! That is NOT an exponential increase; it's a warp-capable rocket.

Quoting Pete Seeger (who?)....."and the "big fool(s) sez to push on"yep, that's right, keep rearranging them drought-resistant plants and plastic chairs on your decks. It didn't work for the crew on the Titanic with an iceberg bearing down on them, it won't work for those with their collective heads buried in dry sand.. Sorry for the mixed metaphor. Best I could do in a polite way.

John Leszczynski
Tiburon

From: [John Leszczynski](#)
To: [Board Comment](#)
Subject: Marin County's Contribution to new Water Source ? from New York Times
Date: Sunday, February 6, 2022 9:10:47 AM

The risk of failure

President Biden promised to take serious action on climate change, and he set an ambitious goal to do it: halve the United States' greenhouse gas pollution from its peak by 2030.

Meeting that target could help stave off the starkest predictions of a climate disaster — extreme weather, toxic air, uninhabitable regions and **conflicts over resources like food and water**. It could lead to a rosier future, with clean energy that powers vehicles, homes and businesses as well as new industries and more jobs.

Which path the U.S. goes down will fall largely to Congress, AND FOR MARIN COUNTY CITIZENS ITS MMWD BOARD BUILDING A DESALINATION PLANT

Terrie Gillen

From: linda gomez <liniegomez@gmail.com>
Sent: Monday, February 14, 2022 5:30 PM
To: Board Comment
Subject: Hopeful you'll decide to do your job

Drought tolerant system desired.

What does it take to get you all to figure it out? Marin county I filled with intelligent hardworking taxpayers that should have a water delivery system that they can count on. Recycling water, desalination are two methods that should already be in place. I lived through 1977 with four young children and was told then that a plan would be put in place so we wouldn't have to again experience the situation again. Oops it's happening again.

Wish we had better MMWD leadership

Linda Gomez
Sent from my iPhone

Terrie Gillen

From: Travis Ramsey <tr@travisramsey.com>
Sent: Monday, February 14, 2022 4:33 PM
To: Board Comment
Subject: Water strategy

Hello.

I'm writing to urge you to put plans in place to make marin prepared for drought and self sufficient. We need to recycle our water and increase capacity to capture rain.

Then any policies enforcing water efficient uses.

And I'd rather consider desalination than building a pipe to get water from elsewhere so we are self sufficient.

Best Regards,
Travis Ramsey

Terrie Gillen

From: Larry Gelb <ankiandlarry@comcast.net>
Sent: Monday, February 14, 2022 2:40 PM
To: Board Comment
Subject: Recycled Water

I strongly support increasing the efforts of the MMWD to develop new recycled and reclaimed water options as an important measure to increase Southern Marin's supply of potable and non-potable water.

Larry Gelb

Terrie Gillen

From: Aaron Roller <aroller@gmail.com>
Sent: Monday, February 14, 2022 8:00 AM
To: Board Comment
Subject: Keep Our Water Local

Please consider this a public comment regarding water supply.

Dear Board Members,

Please make preparations now to keep our water supply local. When I read that our emergency pipeline was to be supplied by water coming from Yuba, I was saddened. Reading more about the water situation in that region makes me even sadder.

https://link.edgepilot.com/s/e4095392/sMYfyFd_1k2Rylr7Zf84iA?u=https://www.redding.com/story/news/local/2022/02/07/northern-california-water-agencies-brace-water-cuts-shortages-us-map-drought-worsens/6697001001/

Please make preparations now for when our reservoirs near empty again.

Make permanent limitations on outdoor irrigation so customers will make more sustainable choices about their landscaping that can survive on little moisture.

Buy extra from the Russian river when sustainable.

Consider a desalination plant to be run when energy is in excess using modern smart grid forecasting. Run it all summer in preparation if the rains don't come and spillover if they do. Build it into our standard costs.

The water use monitor Flume is an excellent opportunity for consumers to understand and reduce water consumption and your organization to make decisions based on aggregate data collected. Perhaps rate discounts could be incorporated based on the data. Thank you for subsidizing my Flume. I detected 4 leaks with it already.

The world is changing. Marin has a proud history of making sustainable choices. Let's keep it that way by acquiring our water locally.

Thanks for your consideration,

Aaron Roller
Sausalito Pedestrian and Bicycle Advisory Committee - Chair

Terrie Gillen

From: Kristi Denton Cohen <kdc680@gmail.com>
Sent: Tuesday, February 15, 2022 3:44 PM
To: Board Comment
Subject: Please wait a month at least before loosening irrigation rules

Because of the record lack of rain over the last two months, it is premature to ease restrictions, as much as I hate to say that.

Please postpone this decision by at least a month.

thanks,
Kristi

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Kristi Denton Cohen
Producer/Director
Peloton Productions

<https://link.edgepilot.com/s/51c973ef/5BNBxONniE6oB4Qp1gNN8w?u=http://www.pelotonproductions.com/>
<https://link.edgepilot.com/s/f7b27b30/ibCJTyhELkGD91xeQPE5iw?u=http://www.stayormove.org/>