# HAND OUTS CITY COUNCIL MEETING

## JUNE 1, 2021

CITY COUNCIL MEETING - JUNE 1, 2021 - VERBAL PUBLIC COMMENTS BY RESIDENT ALENA CALLIMANIS PUBLIC COMMENT ON MATTERS NOT ON THE AGENDA - REGARDING THE WAVE PROJECT (CORAL MOUNTAIN SURF PARK WATER CONCERN) HAND-OUTS

## Coral Mountain Surf Park Water Concerns

## June 1, 2021

## Alena Callimanis

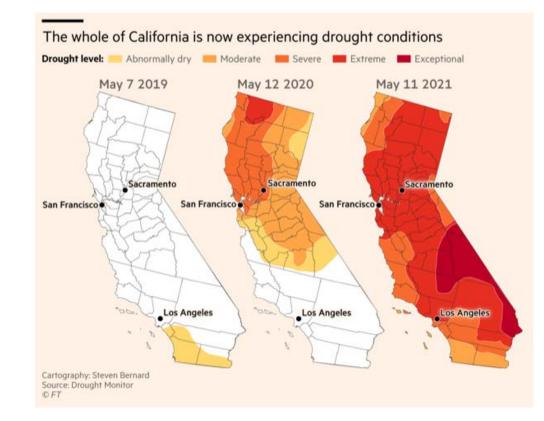
La Quinta, CA 92253

Bachelor of Science Physics Rensselaer Polytechnic Institute

Masters Degree Physics Stony Brook University

Concerned La Quinta Full Time Resident

#### city council meeting - june 1, 2021 - verbal public comments by resident alena callimanis public comment on matters not on the agenda - regarding the wave project (coral mountain surf park water concern) Pours and the matter of the matter o



- CVWD Water Assessment was done for this project in 2019
- Just two years later, La Quinta is now in the Severe Drought category
- We will soon be in Extreme Drought conditions

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## Kelly Slater Surf Ranch Lemoore California



• Existing bodies of water – originally an abandoned water skiing park

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- WADI Surf pool is 2.8 million gallons; with rafting & kayaking total water is 5.9 million gallons; 1/3 the size of our proposed 18 million gallon surfing pool, which is 13 football fields filled with 3 to 6 feet of our drinking water
- A 134 mile pipeline brings 1 million gallons a week of desalinated water to WADI
- They are not using an underground aquifer drinking water supply

#### CITY COUNCIL MEETING - JUNE 1. 2021 - VERBAL PUBLIC COMMENTS BY RESIDENT ALENA CALLIMANIS Water Agency Webinar May 19 – "everything is fine" ebinar: Drought - Planning & Projections Indio Subbasin Groundwater Balance Water Year 2020 Water Year 2019 500,000 Change in Storage = +137,187 Al 350,000 Change in Storage = -29,803 AF 450,000 Drain Flow 51,199 300,000 400,000 Artificial Recharge 250,000 350,000 94,000 AF Artificial Recharge 255,237 AF **Drain Flow** 300,000 49,989 AF 200,000 Groundwater Pumping 250,000 266,754 AF turns from Use and ₹ 150,000 Groundwater Nastewater 200,000 Pumping Percolation

100,000

50,000

Subsurface Inflow 13,242 AF Salton Sea and ET internal Report and 50,000 58.390 AF inbaurface Inflow 10,828 AF 58,908 AI Outflows Inflows Outflows Inflows 331.195 AF 301,392 AF 324,183 AF 461.370 AF

263,366 AF

Subsurface Outflow to

**Returns from Use and** 

Wastewate

147,225 AF

150,000

100,000

- Note the difference in the vertical axis 500,000 vs. 350,000 acre-feet
- Drought has started: decrease of 161,237 acre-feet in the recharge inflow in 2020

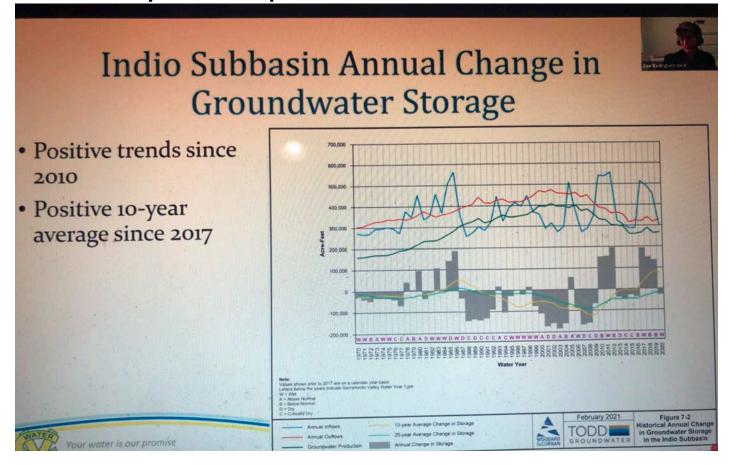
149,002 AF

Natural Runoff and

Subsurface Outflow to

Salton Sea and ET

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- Since 2010, we have had 3 good replenishment years, four drought years and three good but trending down years, and finally the start of another down cycle
- Since 1987 we had 24 down years and 9 up years

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### The Colorado River Supplies our Aquifer

Weather Climate Storm Tracker Wildfire Tracker Video

• LIVE TV Edition  $\sim$  Q Q  $\equiv$ 

## First-ever Colorado River water shortage is now almost certain, new projections show

By Pedram Javaheri and Drew Kann, CNN

Updated 2:47 PM ET, Thu May 27, 2021

# Golf Courses can reduce water, stop watering and use recycled water - Surf parks cannot



"There's still a public perception that golf consumes too much water, but we're doing a lot better than you might think," said Craig Kessler, Southern California Golf Association's director of governmental affairs. "The reality is that less than 1 percent of the potable water in California is consumed by the golf industry."

What will be the perception of La Quinta that in the middle of a drought, City Leaders chose tax revenue over preservation of our drinking water?

Is La Quinta ignoring California's extreme drought situation and all the people who are diligently conserving every day?