

November 2021 Superintendent's Report

Wastewater Treatment Plant:

Operators performed routine repair and maintenance at the wastewater treatment plant during November, 2021. We experienced a couple of after hour alarm call outs due to power surges.

Recycled Water:

MUSD made a request for recycled water in November 2021. MCCSD was not able to transfer any water due to having high nitrate levels. GHD is now working with MCCSD on designing and funding some operational changes to improve this. SHN continues to work with MCCSD to address the District Title-22 report. A representative from Aqua Ben Corp came out this month to conduct some jar testing to confirm the type and dosing rate of coagulant needs to meet the Title-22 requirements, this will help in sizing the proper replacements pumps. Recycled water remains a very high priority for the District, and I continue to dedicate a lot of time to improve our capabilities.

Biosolids Trailer and Transport:

MCCSD staff made one transport of Biosolids to Novato in November of 2021.

Construction Updates:

The District recently submitted a grant application to the Urban and Multibenefit Drought Relief Program. The Master Service Agreement with GHD has been approved, and we are excited to officially begin working with GHD on various projects.

Safety Meeting and Plant Safety Inspection:

The District is still following County, State, Federal, and CDC guidelines regarding COVID-19 safety precautions. The Safety Officer conducted the monthly safety inspection of the plant. The 30-minute monthly safety meeting was November 17, 2021. The topic was *Driver Safety and Defensive Driving*.

Sanitary Sewer Collection System:

There were no MCCSD collection system sanitary sewer overflows to report during January 1, 2020 thru November 23, 2021. The District did receive a report of a possible sewer line main blockage on Thursday night 11/18/21. The Superintendent immediately responded to investigate, in the dark and the rain, multiple manholes were opened, no blockage was found in any MCCSD main lines, no occupants from the reporting property were present. The property owner and their contractor were advised.

Drought Update:

The District continues to work with Federal, State, County, and local officials on emergency drought mitigation plans. The current concern is next year. October produced a lot of rain but November totals are currently less than 50% of normal. MCCSD office staff continue to hear from community members related to water concerns and or possible solutions, and continued reports of recovering wells are coming in.

November's Secretary's Report

This month's violation letters went out Tuesday, 11/23. The results are listed below:

No Readings Violation #1: 37

No Readings Violation #2: 5

No Readings Violation #3: 2

Overage Violation #1: 5

Overage Violation #2: 0

I went through all our files and found a number without current Groundwater Extraction Permits. Of those, 22 were holdovers from the invalidated permits last year. I have been generating, printing and mailing property owners a current GWEP along with a stamped, self-addressed envelope in hopes of getting all of them back, signed, and in a timely manner.

Thank you.

Memo

To: MCCSD Board of Directors
From: District Superintendent
cc: Jim Jackson
Date: November 23, 2021
Re: Groundwater Management Report

The 2021-22 Rain Year

October 1, 2021 was the beginning of the 2021-22 rain year. Average annual precipitation in Mendocino is 39.72 inches, and average rainfall in November is 4.99” inches. 2.33” inches of rainfall has been measured in the District for the month as of November 23, 2021, (Figure 1, Table 1).

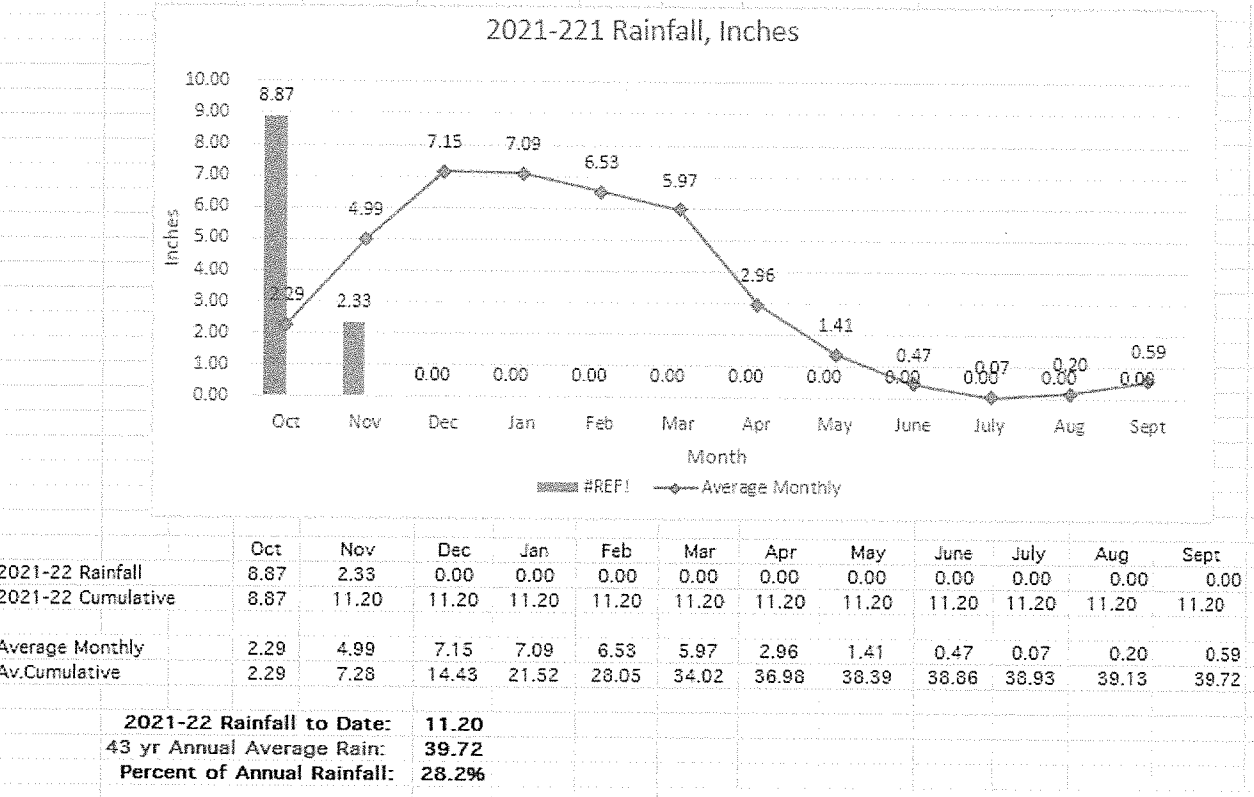


Figure 1, Table 1

November 2021 Depth-to-Water (DTW)

The average DTW measurements District-wide in the 24 monitoring wells on November 23, 2021 was 16.15 ft. (Figure 2). Almost 4 ft. better than October of 2021, and about 5ft. better than November of 2020.

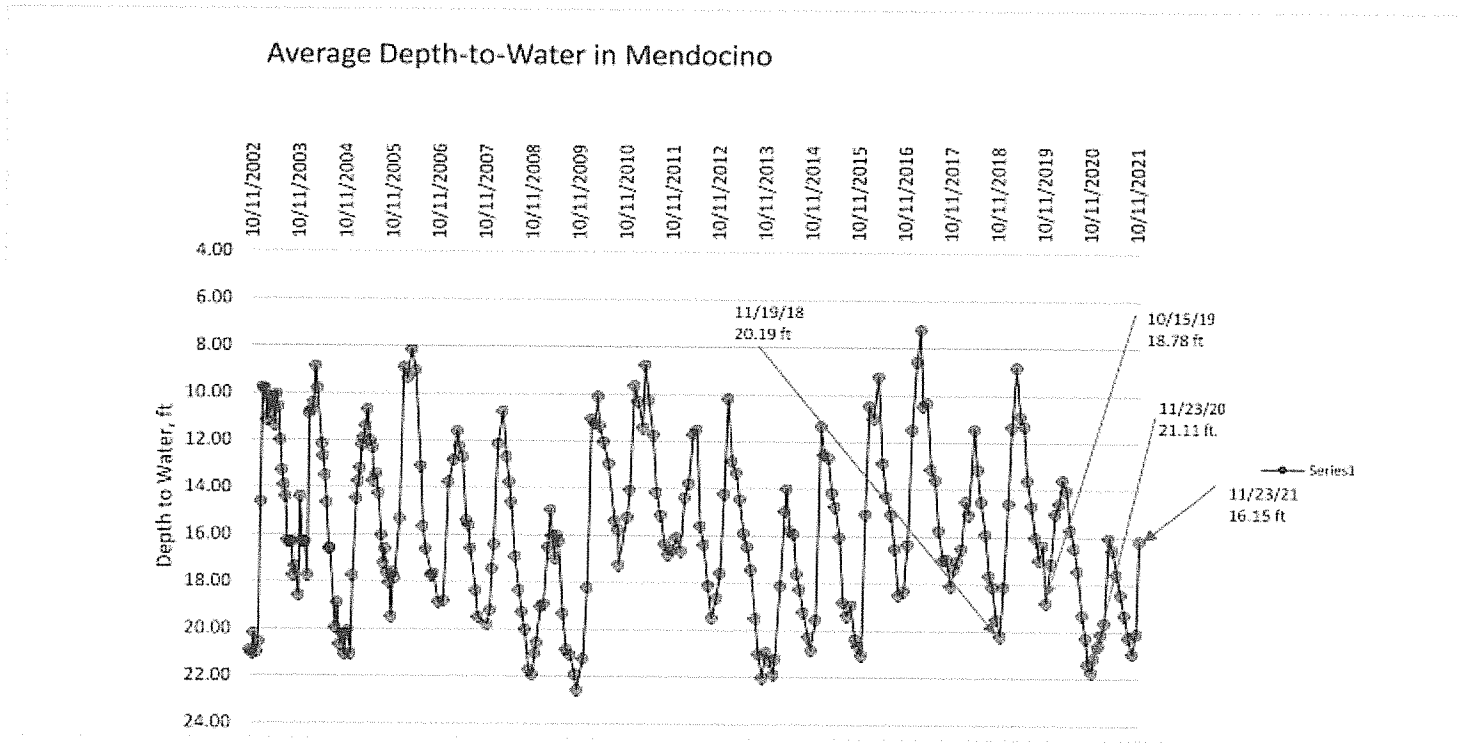


Figure 2 November 2021, Depth-To-Water Chart

The average depth-to-water reported from the five drought monitoring wells on November 23, 2021 was 19.27 ft., an improvement of about 3.7 ft. over last month.

The MCCSD Board declared a Stage 4 Water Shortage Emergency at a Board meeting on May 3, 2021, based on lack of rainfall the past two years. Even with the strong October rainfall and promising start to this rain year, following the Water Shortage Contingency Plan, both November 30th, and December 31 are mid-term evaluation dates to check rainfall and depth to water and potentially reduce the Water Shortage Emergency Stage. The plan advises maintaining the Stage 4 if less than 12 inches of rainfall had been recorded by November 30th. The Superintendent agrees with this and advises maintaining the Stage 4 Water Shortage Emergency at this time.