



How we communicate with customers regarding water quality

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Water Quality Communication



- Regular communication
- Provides tools and resources
- Helps with operational decisions
- Partnering with stakeholders



Communication



- Changes in water quality
- Sent to CAP stakeholders
- Distribution occurs 4-8 times per year



Phoenix Valley Water Treatment Plant Operators Group

- Established in 2022
- 7 CAP municipal users
- Bi-annual meetings

CHARTER: PHOENIX VALLEY WATER TREATMENT PLANT OPERATORS GROUP

1. Improve communication among Phoenix Valley CAP Water Treatment Plants on changes in CAP water quality.
2. Provide quick and accurate communication across all Members.
3. Establish dialogue, share information, and create a communication network among Members.

Phoenix Valley Water Treatment Plant Operators group



APACHE JUNCTION
Arizona



5

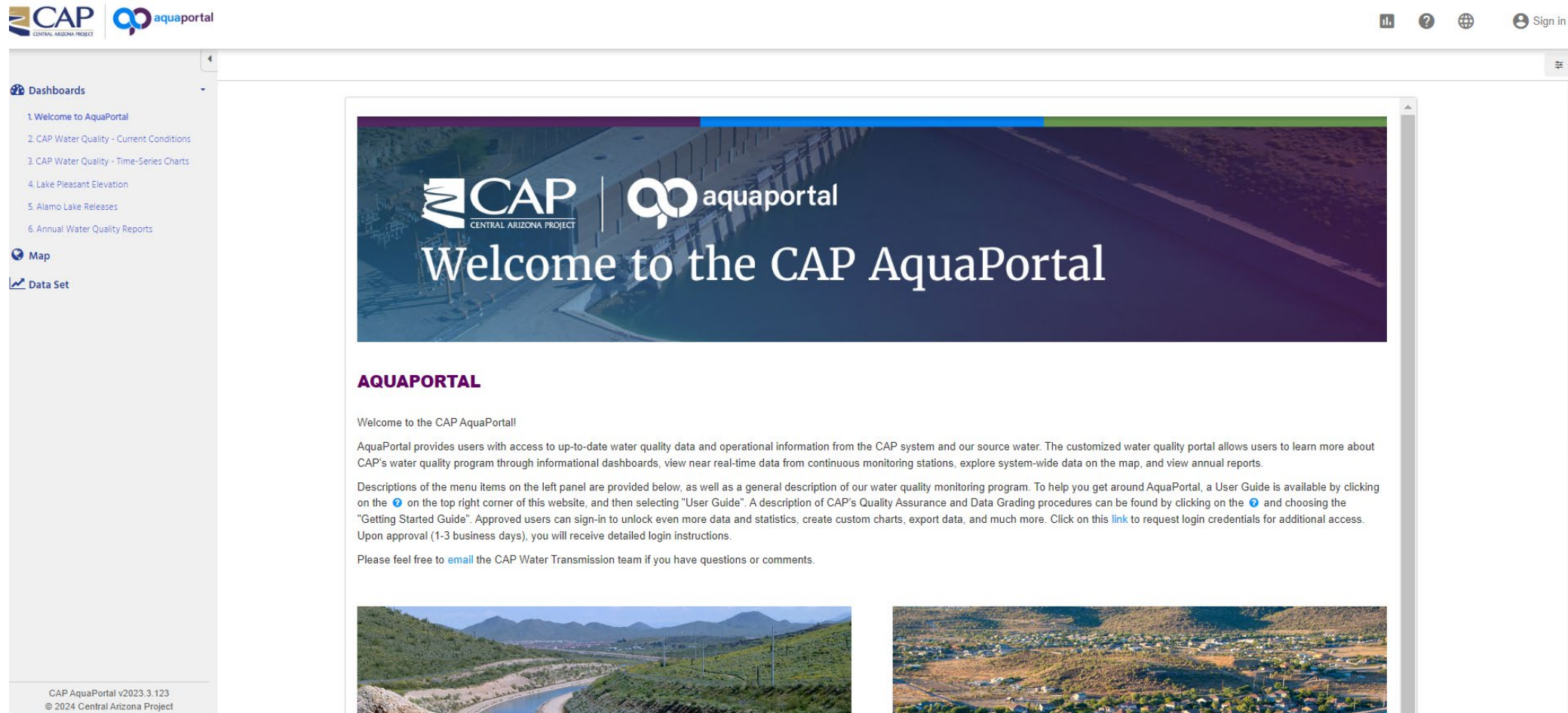


2/15/2024



AquaPortal

<https://aquaportal.cap-az.com>

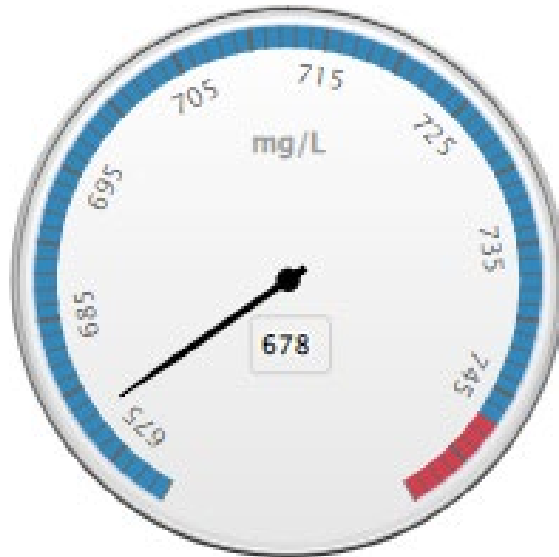


The screenshot shows the AquaPortal website interface. At the top left, there are logos for CAP (Central Arizona Project) and aquaportal. On the right side of the header, there are icons for a list, help, globe, and a 'Sign in' button. A left-hand navigation menu is visible, containing sections for 'Dashboards' (with 6 items), 'Map', and 'Data Set'. The main content area features a large banner with the CAP and aquaportal logos and the text 'Welcome to the CAP AquaPortal'. Below the banner, the heading 'AQUAPORTAL' is followed by a welcome message and a detailed description of the portal's capabilities, including access to real-time data, maps, and reports. It also provides instructions on how to use the menu, find guides, and sign in. At the bottom of the main content area, there are two landscape photographs: one of a canal winding through a valley and another of a residential area with hills in the background. The footer of the page includes the text 'CAP AquaPortal v2023.3.123 © 2024 Central Arizona Project'.

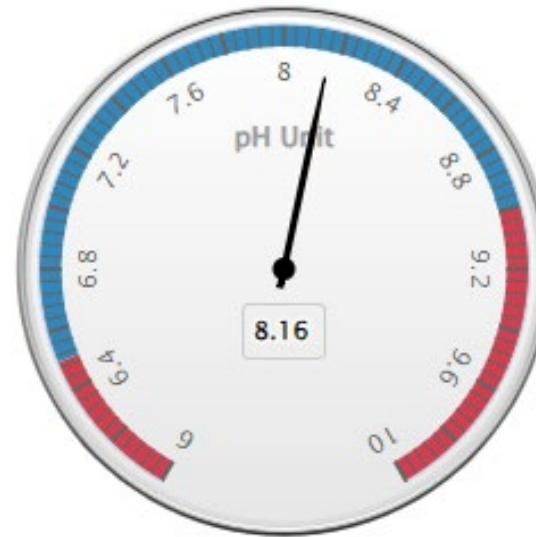
AquaPortal

<https://aquaportal.cap-az.com>

Phoenix (HDQ) - TDS



Phoenix (HDQ) - pH



HDQ - Current Turbidity 

Turbidity

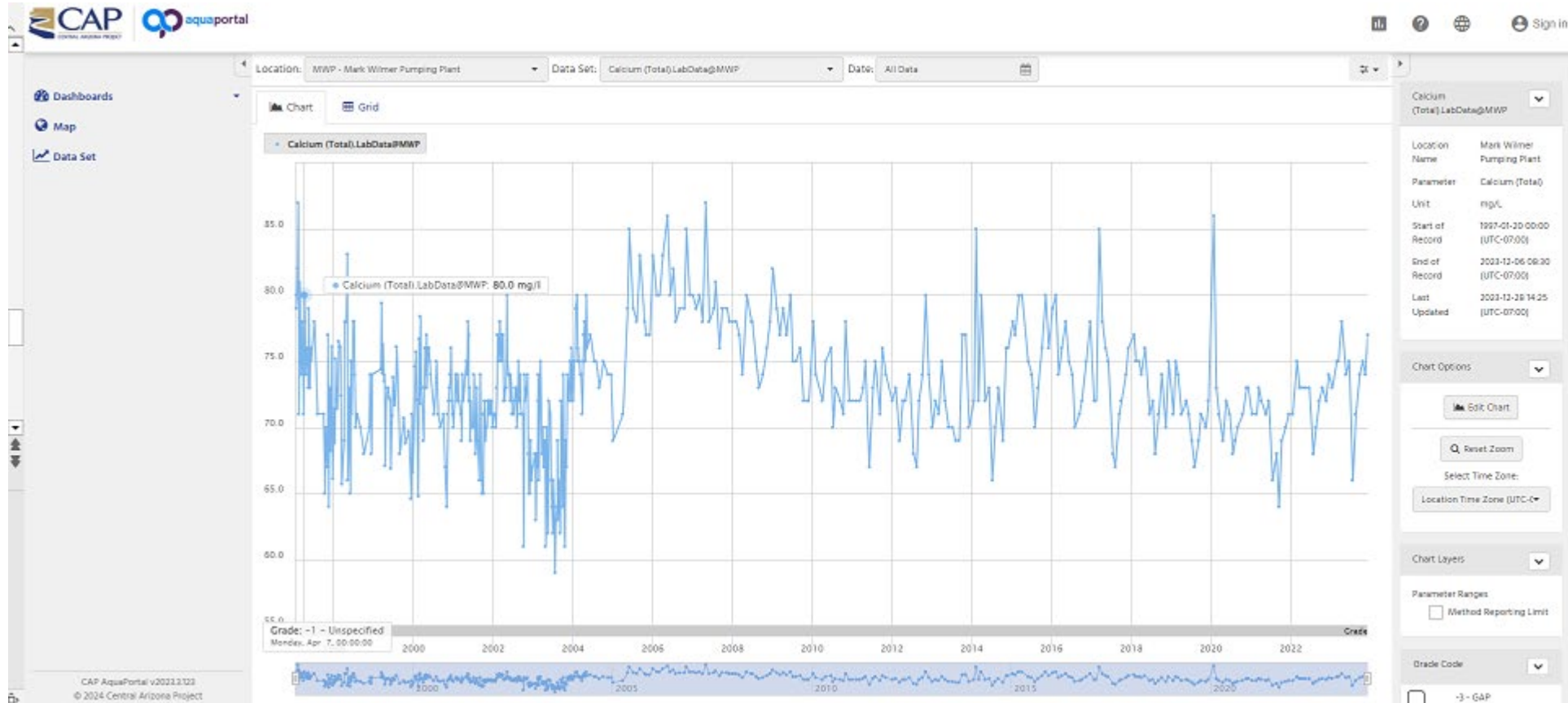
0.79 NTU

2024-02-07 08:45:00 (UTC-0-7:00)

AquaPortal



<https://aquaportal.cap-az.com>



Water Quality Report

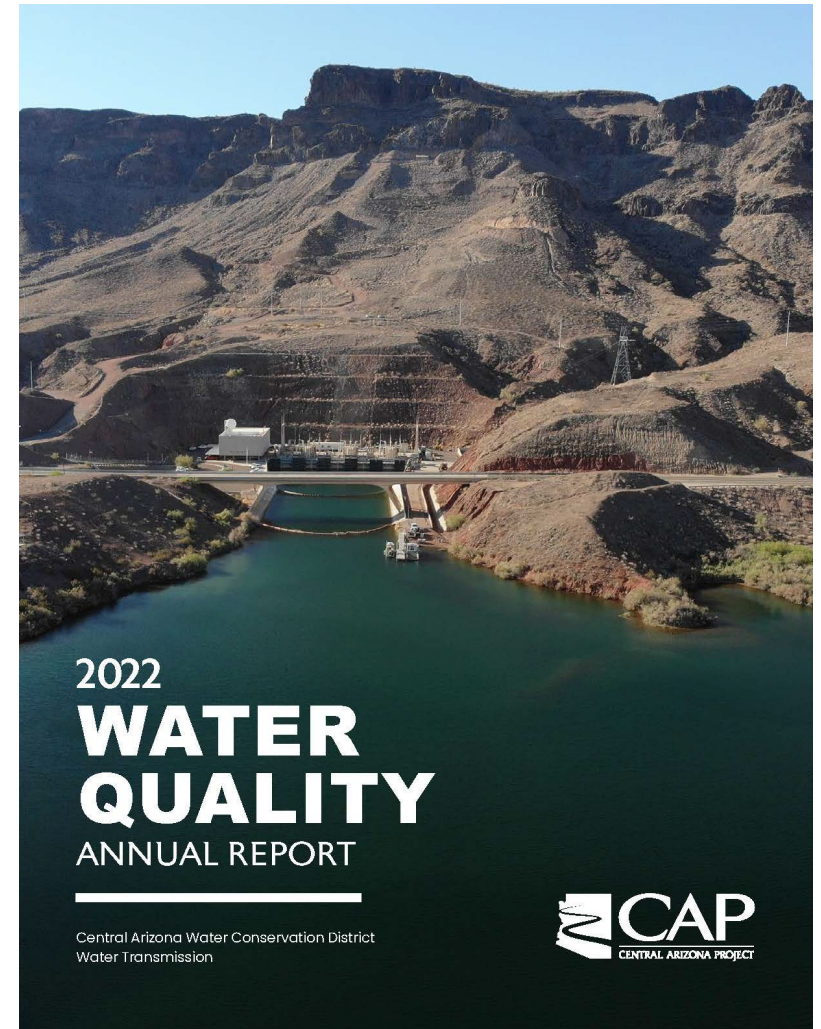
LAKE PLEASANT OPERATIONS

The CAP system utilizes Lake Pleasant as a seasonal pump-storage reservoir. During a typical year, Colorado River water is pumped into the reservoir from October to May when water demands and electricity costs are lower. During the summer, when water demands and electricity costs are higher, water is released from

During summer months, the reservoir stratifies, with a thermocline developing at a depth of approximately 40-60 feet below the water surface (see monthly profiles, Page 13). This usually occurs during May through November. The prolonged thermocline creates an oxygen deficit near the bottom of the lake, which will typically become

LAKE HAVASU 2022 (MARK WILMER PUMPING PLANT)

Constituent	Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Field Measurements													
Dissolved Oxygen	mg/L	10.06	10.06	10.04	9.18	8.72	8.85	9.1	8.36	7.17	7.26	9.42	9.9
pH	Units	7.79	8.16	7.69	7.72	8.25	8.45	7.39	8.22	8.18	8.18	8.23	8.12
Conductivity	us/cm	914	931	989	922	922	922	936	951	954	991	975	977



Key Takeaways

- We communicate regularly with CAP stakeholders
- Partner with customers and try to deliver the best customer service possible
- Provide tools and information to help make operational decisions

