



opsCTRL
evolving operations

CASE STUDY

Coyote Valley

Easy remote monitoring and centralized data empowered a small team to completely manage their own data and alarms

2022



EASY ALARMS

Team ensures resilient operations by expanding smart alarms based on their experience.



CENTRALIZED DATA

opsCTRL enables team to consolidate data from many sources into one easy to access view.

The Customer

Coyote Valley WWTF (Wastewater Treatment Facility) is located on the Coyote Valley Reservation in Redwood Valley, California. The wastewater facility includes a containerized MBR unit, equalization tanks, and a recycled water storage tank.

Having 24/7 access to data, alarms, and support of operations was critical to the team; however, these items are not centralized nor available to access when off-site.

Problem Statement

01

Lack of efficient data management and tracking methods

Much of the data from the lift stations and equalization tanks were stored in a PLC panel which was difficult to access remotely. The team wanted all their data centralized to be able to monitor the entire facility' process and system health.

Solution

opsCTRL helped the Coyote Valley team centralize all their data by enabling a secure read-only connection to the cloud. The plant manager was able to update their alarms in opsCTRL to capture low tank levels after a leak went undetected at the facility.

The supplier of the membrane units was also able to transfer digital media, maintenance schedules, key alarms, and other recommended operation procedures through the opsCTRL application so the team could manage plant operations on their own.

Implementation Process

- 01 Connected the MBR unit to opsCTRL and received operating guidance in opsCTRL from the manufacturer.
- 02 Connected the remaining equalization tanks and other data from a panel for easier access to the cloud.
- 03 Continuous training of key operators for managing and adding their own data visualization and alarms.

The
RESULTS
speak for
themselves



Improved ability to self-maintain

After a tree fell on the MBR unit and caused a leak which went undetected by their alarm system, the plant operator took action to setup an opsCTRL low level tank alarm to ensure future detection.



Centralized data and alarms

Operators built dashboards to monitor key data points without needing external support or integrators.



Easy access to OEM support

opsCTRL provided easy access to official support documentation and videos as well as recommended maintenance schedules and alarm schemes.

Conclusion

opsCTRL has become an integral part of the operations at Coyote Valley WWTF, thanks to the easy accessibility of the platform via the web or mobile app. Sharing plant data with their suppliers and local contractors through opsCTRL allowed Coyote Valley to gain deeper insights into their equipment operations, enhancing overall system health and uptime.

For more details,
contact us at info@inctrl.com

Want to get started with opsCTRL? Reach out to sales@opsctrl.com to set up a demo.

[opsCTRL.com](https://opsctrl.com)



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