



RESORTS WORLD LAS VEGAS CASE STUDY

Keeping Pools Running Smoothly: How Resorts World Las Vegas Drives Water Safety and Accountability

ABOUT RESORTS WORLD LAS VEGAS

Located on the iconic Las Vegas Strip, Resorts World Las Vegas is one of the largest and most beautiful resort developments in the city's history. Featuring 29 bodies of water, from luxurious spas to sprawling pools, the property is a showcase of scale, innovation, and world-class guest experiences.

At the heart of water management operations is Robert Barth, Pool and Spa Operator, whose responsibilities stretch far beyond pools to encompass every water feature across the 88-acre resort. Drawing from a lifetime in aquatics and a 22-year career in the Army, Robert brings a high standard of operational excellence, precision, and discipline to his work every day.

CHALLENGE

Managing 29 pools and spas across a property the size of a small city would be a massive undertaking for any team. For Robert, who operates as a one-person department once his third-party contractors leave each morning, the challenge is even more intense:

- **Manual Sampling Requirements:** Las Vegas health codes require water sampling every four hours for all bodies of water.
- **Limited Onsite Staff:** After 10 AM, Robert is the sole person overseeing the entire water program.
- **High Compliance Standards:** With some of the strictest health department regulations in the country, there's zero margin for error.
- **Vast Scale:** Covering nearly 88 acres, physically checking each body of water would consume the entire day.
- **Vendor Accountability:** Outsourcing pool cleaning to a service provider means Robert needs a reliable way to verify work and stay ahead of issues.

SOLUTIONS

VivoPoint became Robert's central command center for all things water quality, compliance, and operational oversight.

With VivoPoint, Robert is able to:

- Monitor real-time data on all 29 bodies of water, remotely and continuously.
- Receive alerts every 30 minutes if any water chemistry falls outside of safe thresholds.
- Ensure vendor accountability by verifying manual samples and maintenance notes entered by the third-party service team.
- Customize alert thresholds and notifications to match his operational requirements and health department standards.
- Improve efficiency with customized dashboards, real-time health scores, and soon, visual enhancements like automatic "notes" flags on manual readings.



1 (888) 702-VIVO



www.VivoAquatics.com



sales@VivoAquatics.com



"At any given moment, I can see that zero percent of my pools are out of compliance. That's not something many properties can say."

Robert Barth,
Pool and Spa Operator,
Resorts World Las Vegas



VIVOAQUATICS' COMMITMENT

VivoAquatics remains dedicated to investing in VivoPoint's evolution, ensuring facilities like Resorts World Las Vegas can not only maintain the highest standards today, but stay ahead of the industry's needs tomorrow.

Through innovations like Blu and Resolve, VivoPoint is setting a new benchmark for aquatics management, risk reduction, and operational peace of mind.

RESULTS

By leveraging VivoPoint, Robert has achieved:

- Elimination of manual four-hour sampling requirements through automated digital reporting, saving hundreds of labor hours.
- Greater operational efficiency, allowing a single operator to oversee 29 pools and spas with confidence.
- Improved vendor oversight, ensuring maintenance companies meet daily operational and compliance standards.
- Rapid response to issues, with real-time notifications, enabling faster corrective action.
- Sustained water safety excellence, even across a massive and complex footprint.

FORWARD LOOKING

Robert sees VivoPoint and the partnership with VivoAquatics as more than just a technology vendor, he views VivoAquatics as a true partner in operational excellence.

He regularly collaborates with Vivo's support and product teams to suggest new improvements, advocate for user-driven upgrades, and make the platform even stronger for large, complex resorts like Resorts World.

Looking ahead, Robert is excited about how new innovations like Blu, VivoPoint's AI Water Expert, and Resolve, the platform's automated incident management and loss prevention module, will continue to strengthen Resorts World's position as a leader in operational water safety.

"The technology's great, but the partnership is what makes it really work. I know if I need something, VivoAquatics has my back."

Robert Barth

