

Innovasea Degassing System Improves Production at Utah State Hatchery

Innovasea, a global leader in technologically advanced aquatic solutions for aquaculture and fish tracking, announced today that its degassing solution has played a vital role in supporting increased trout egg production at Utah's Mantua Fish Hatchery.

Through the installation of an Innovasea vacuum degasser, the hatchery has reduced its total gas pressure (TGP) from highs of up to 120%, down to as low as 90%, exceeding its initial goal and creating ideal conditions for its broodstock.

"Our team worked closely with the staff at Mantua Hatchery to analyze water conditions and explore various solutions," said Marc Turano, Innovasea Vice President. "By combining their operational insights with our technical expertise, we optimized the system to deliver consistent, impactful results for improved egg production."

The hatchery, originally constructed in 1910, has undergone several renovations and expansions, with the most recent completed in 2024. This was the second phase of the state's initiative to modernize the site for improved trout egg production, taking advantage of the natural cold waters found in the area.

Using the new Innovasea degassing system, water passes through a vacuum chamber with negative pressure to effectively and efficiently remove high levels of dissolved gas from the water. This quickly drops the TGP and is a critical step for ensuring safe, consistent conditions for the eggs and fry, which are very sensitive to elevated gas levels.

"The Innovasea degasser is a great product and has been the perfect solution for us," added Roger Mellenthin, Mantua Fish Hatchery Fish Culture Coordinator. "It's simple, but effective and requires little maintenance or repairs."

Other additions from this project include new egg facilities, additional equipment disinfection stations, and barriers to prevent invasive species. The site produces over 6 million trout eggs a year, consisting mostly of cutthroat and rainbow trout. This total accounts for roughly 30% of Utah's farm-produced trout.

About Innovasea

Fueled by leading-edge technology and a passion for research and development, Innovasea is revolutionizing aquaculture and advancing the science of fish tracking to make our oceans and freshwater ecosystems sustainable for future generations. With more than 250 employees worldwide, we provide full end-to-end solutions for fish farming and aquatic species research – including quality equipment that's efficient and built to last, expert consulting services, and innovative platforms and products that deliver unrivaled data, information, and insights.

Learn more at [Innovasea.com](https://www.innovasea.com) and follow us on [LinkedIn](#), [Instagram](#), [Bluesky](#) and [X](#).

Contact:

Austin Fontanella

Content and Communications Manager

Austin.Fontanella@innovasea.com

+1 (617) 906-6059