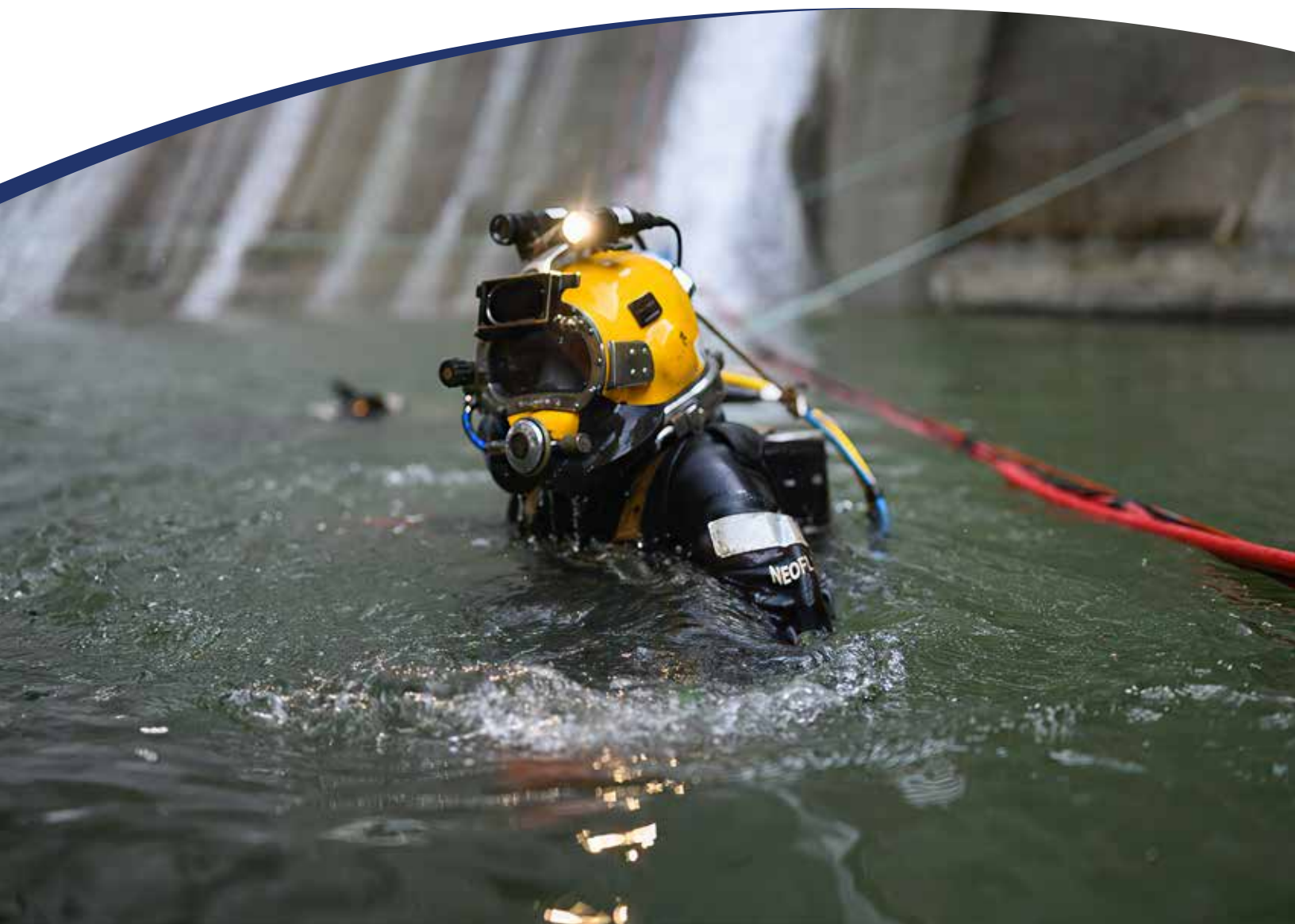




DIVE CONSTRUCTION AND INSPECTION SERVICES



Your trusted partner above and below the waterline.



MARINE PROFESSIONALS SINCE 1919

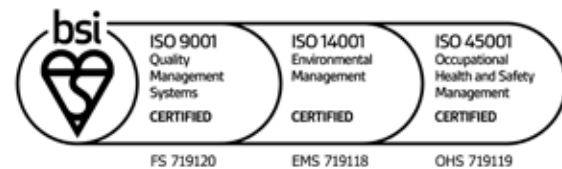
J.F. Brennan Company, Inc. (Brennan) is a family-owned marine construction, environmental remediation, and barge transportation firm operating throughout the United States. For over 100 years, our high-quality work and transparent communication with clients have made us a preferred contractor for public and private owners of water-based infrastructure.

SAFETY FIRST

Safety is at the forefront of every task we perform and every decision we make. We provide our crews with extensive training, the right equipment, and proper support to do their jobs. From our safety-based observation program to our culture of empowerment, we identify risks and take the required steps to mitigate those risks as we execute our work. Brennan is approved to perform safety-related work in accordance with **American Society of Mechanical Engineers (ASME) NQA-1 (2022)**, **10 CFR 50 Appendix B**, and **10 CFR Part 21**.

QUALITY

We take pride in delivering the highest quality work. Our total quality management (TQM) program ensures we consistently meet and exceed expectations. Brennan is certified to **ISO 9001** (Quality Management), **ISO 14001** (Environmental Management), and **ISO 45001** (Occupational Health and Safety Management) standards.



PEOPLE

Our organizational culture sets us apart. We prioritize safety, quality, and efficiency, and we make our company the best possible place to work for all our employees. Our culture is rooted in everything we do, centered around open communication, respect, and accountability. This is how we execute work for our clients with the highest levels of integrity, transparency, and professionalism.



OUR SERVICES

We specialize in high-quality marine construction services **above and below the waterline**. Brennan's certified commercial divers perform complex underwater inspections and construction that help owners and operators ensure safety, reliability, and compliance. From aging spillway assessments to intake structure inspections, we provide actionable insights and trusted construction solutions.

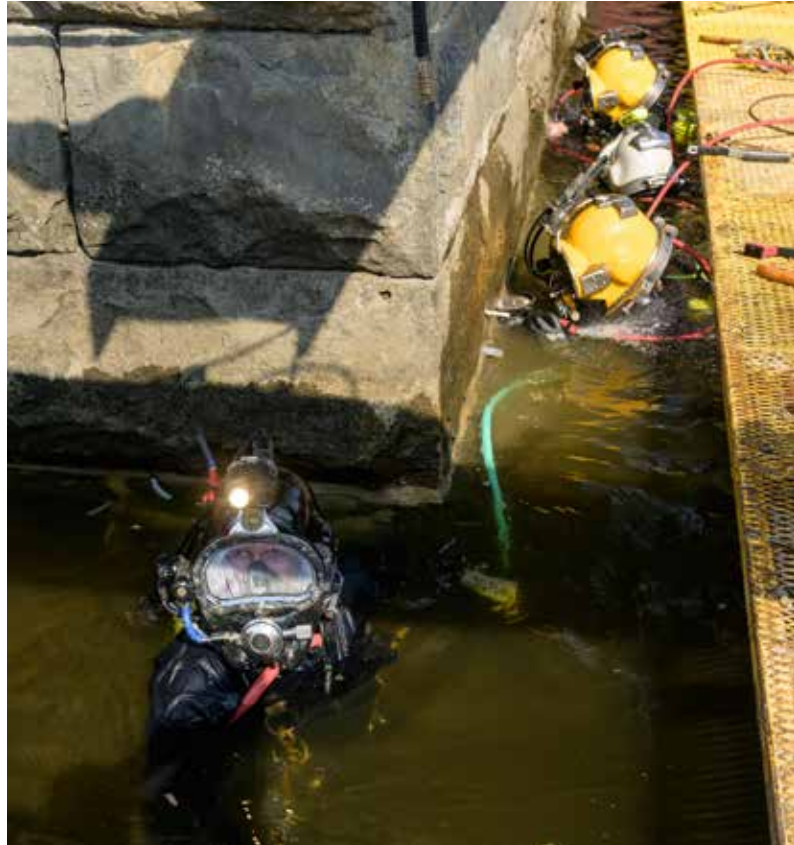
OUR SPECIALTIES

- » Dive Safety and Compliance
- » Nuclear Diving
- » Marine Construction
- » Underwater Inspections
- » Underwater Imaging and Technology
- » Hydrographic Survey
- » High-Quality Deliverables



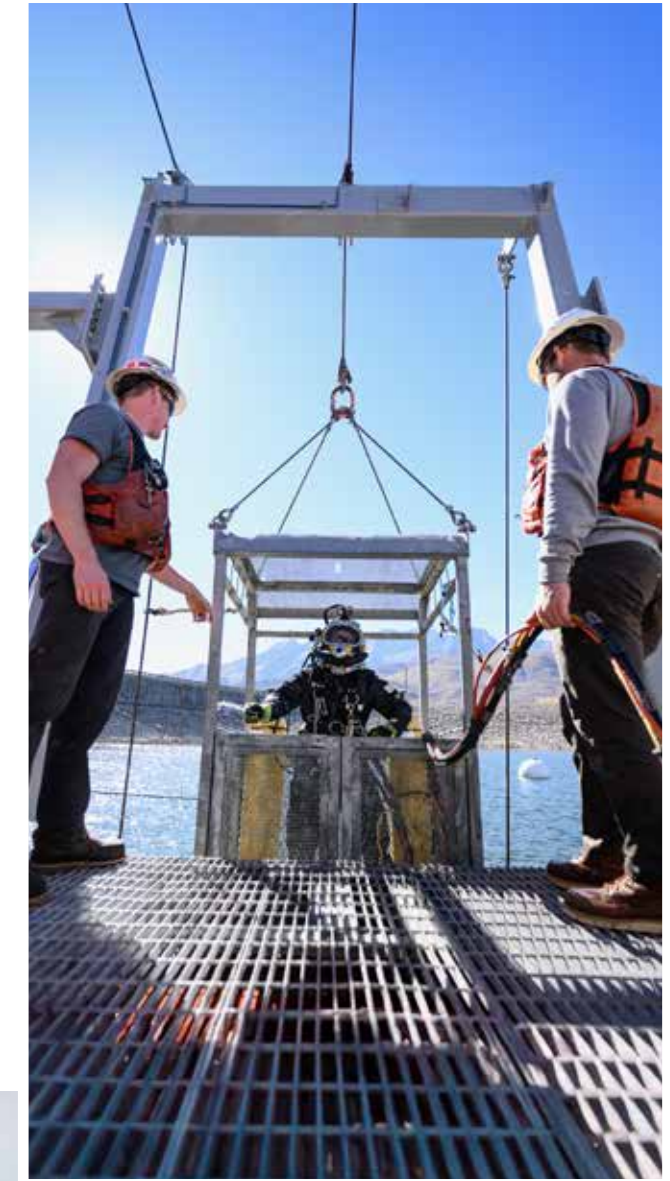
DIVE SAFETY AND COMPLIANCE

Brennan divers are Association of Diving Contractors International (ADCI)-certified, fit-to-dive, and trained through the United Brotherhood of Carpenters (UBC). Combined with post-dive-school training from the UBC and advanced training in Brennan's own dive tank, our divers are the **best in the industry**.



AREAS OF EXPERTISE

- » **Water-Based Infrastructure:** dams, bridges, barge and shipping terminals, piers, industrial docks, and essential infrastructure
- » **Energy & Regulatory Assets:** nuclear facilities; hydros and Federal Energy Regulatory Commission (FERC) Part 12 inspections; mines; oil, gas, and petrochemical facilities; and safety-critical environments
- » **Intake & Outfall Systems:** pump stations, cooling systems, traveling water screens, valves and seals, pipelines, and discharge structures
- » **Specialized Services:** submarine cable touchdowns, ship husbandry, historical artifacts, extreme hazardous materials (HAZMAT) diving, fish protection, diver-assisted dredging, maritime security barriers, and salvage operations
- » **Advanced Technology:** detailed underwater inspections and imaging in near-zero visibility, surveying, remotely operated vehicles (ROVs), and high-quality deliverables



SAFETY & COMPLIANCE

Our dive operations comply with US Coast Guard (USCG), Occupational Safety and Health (OSHA, federal and state), ADCI, International Marine Contractors Association (IMCA), and United States Army Corps of Engineers (USACE) EM 385-1-1 standards. We are prequalified with ISNetworld, Avetta, and Veriforce. We hold our company and divers to the **highest safety and quality** standards.

- » A typical crew consists of at least 4 members
- » We require First Aid, CPR, Oxygen Administration, Hazardous Waste Operations and Emergency Response (HAZWOPER), OSHA Construction Safety & Health certifications
- » Brennan Dive Supervisors all pass the ADCI Supervisor exam with Nitrox Endorsement
- » Our Nuclear Quality Assurance (NQA) program is approved to perform safety-related work in accordance with ASME NQA-1 (2022), 10 CFR 50 Appendix B, and 10 CFR Part 21
- » Stringent diver equipment standards
- » Brennan's crew includes certified welders (American Welding Society (AWS)—Certified Weld Inspector and Certified Welder)



Advanced training in Brennan's dive tank, divers test varying proprietary safety-related coatings and application techniques.



Brennan is committed to upholding the stringent quality assurance, safety, and regulatory standards mandated for nuclear industry activities. We are certified in accordance with:

- » **10 CFR 50 Appendix B:** Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants
- » **ASME NQA-1 (2022):** Quality Assurance Requirements for Nuclear Facility Applications
- » **10 CFR Part 21:** Reporting of Defects and Noncompliance

NUCLEAR DIVING

In the complex world of nuclear power, ensuring the safety and efficiency of these critical facilities demands a specialized skill set.

Brennan is approved to perform safety-related work in accordance with 10 CFR 50 Appendix B, ASME NQA-1 (2022), and 10 CFR Part 21, and is certified to **ISO 9001** (Quality Management), **ISO 14001** (Environmental Management), and **ISO 45001** (Occupational Health and Safety Management) standards.

Our safety operations reflect the stringent standards we uphold for nuclear diving and safety-critical environments. Our clients in the nuclear energy sector can trust us to deliver work that meets federal regulations, project-specific quality assurance requirements, and the highest levels of safety performance.

Our unwavering commitment to safety and precision, while investing in advancing technology, ensures your nuclear power plant operates at peak performance with every dive contributing to the overall reliability and longevity of this vital energy source.



Scott Grim
NRG Energy, Inc.

My experience with Brennan was great. I will definitely use them again for our intake cleaning and also recommend them to my colleagues.



AREAS OF EXPERTISE

- » Coating application
- » Cooling pond dredging
- » Condensate storage tanks
- » Fish protection
- » Fuel transfer systems
- » Intakes and outfalls
- » Reactor components
- » Traveling water screens
- » Valves and seals
- » Visual examinations (VT-1 and VT-3)
- » Maritime security barriers
- » Underwater welding



MARINE CONSTRUCTION

Since 1919, Brennan has assessed, installed, and repaired **structures above, alongside, and below the waterline**. Our topside crews and ADCI-certified divers are experienced and have the knowledge necessary to complete your project safely, on schedule, and within budget.

Brennan excels in marine construction projects of all sizes. From multi-million dollar capital projects to half-day dive inspections, our **strong bonding capacity** and expertise ensure a high-quality, professional partnership.

EARLY CONTRACTOR INVOLVEMENT

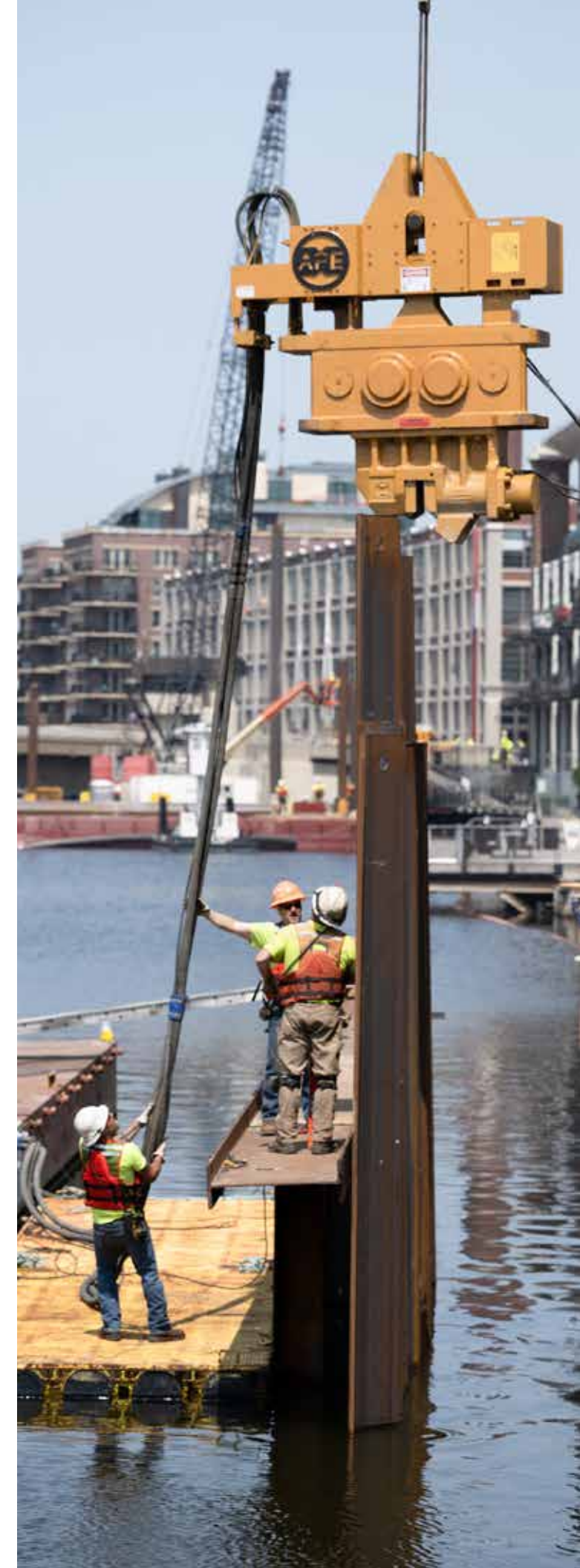
By partnering early in design-build and Construction Manager/General Contractor (CMGC) projects, we identify potential challenges and collaborate with all stakeholders on design and constructability.

- » Reduces cost escalation
- » Enhances project coordination
- » Results in fewer delays
- » Improves communication
- » Lowers risk for all teammates
- » Provides more accurate cost predictions



Michael
Sullivan
Shell USA

I would recommend Brennan for all marine related construction, demolition, diving, and inspection work. I have had experience with Brennan for pile wrap installs, inspection above and below water, construction and pile driving. All without incident over several years. I am completely satisfied with their attention to detail and exemplary safety performance.



UNDERWATER INSPECTIONS

We work side-by-side with clients, engineers, and stakeholders to deliver thorough inspections, highlight areas of concern, and provide detailed reports that support maintenance planning and regulatory compliance. We ensure all work meets the **highest standards** for safety, quality, and performance.

We use industry-specific technology, 3-dimensional (3D) modeling, hydrographic surveying, and ROVs to enhance the efficiency of our work and the effectiveness of our safety program.



Brennan is top of the class when it comes to safety, workmanship and underwater inspection and repair.

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**Edd Tadulan
Graymont
Limited**

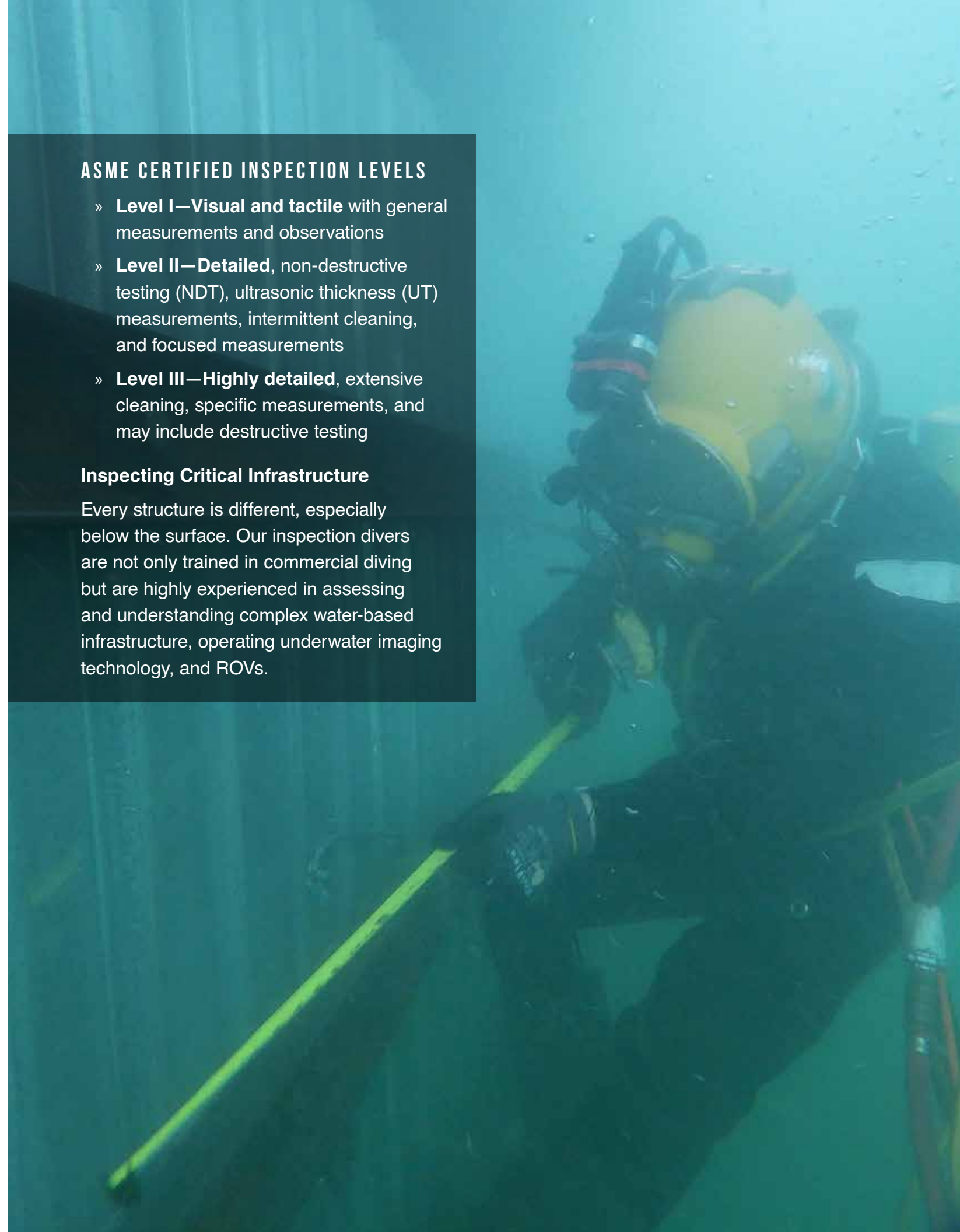


ASME CERTIFIED INSPECTION LEVELS

- » **Level I—Visual and tactile** with general measurements and observations
- » **Level II—Detailed**, non-destructive testing (NDT), ultrasonic thickness (UT) measurements, intermittent cleaning, and focused measurements
- » **Level III—Highly detailed**, extensive cleaning, specific measurements, and may include destructive testing

Inspecting Critical Infrastructure

Every structure is different, especially below the surface. Our inspection divers are not only trained in commercial diving but are highly experienced in assessing and understanding complex water-based infrastructure, operating underwater imaging technology, and ROVs.





UNDERWATER IMAGING AND TECHNOLOGY

We leverage technology to enhance safety, efficiency, and insight—above and below the waterline. Our investment in ROVs, acoustic imaging, and stereo camera systems allows us to conduct detailed inspections in environments that are unsafe or inaccessible for divers. These capabilities help clients **save time, reduce risk, and gain a deeper understanding** of their underwater structures before anyone enters the water.

ROVS

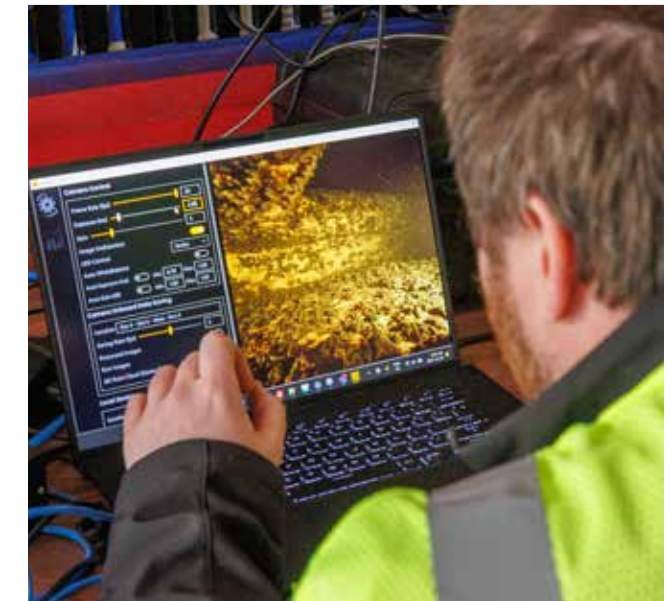
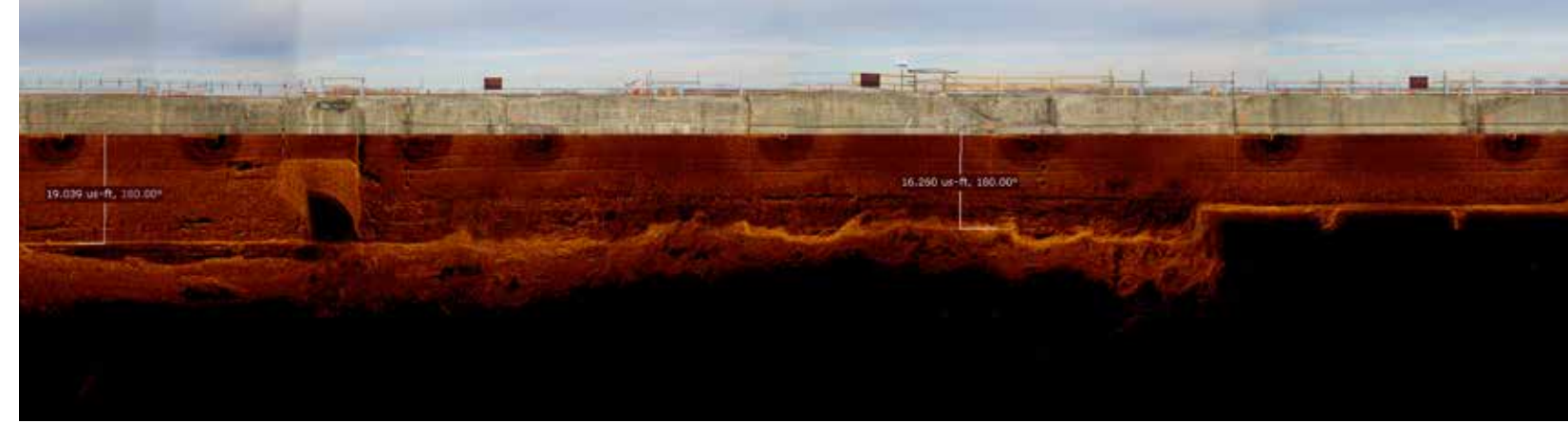
Outfitted with **high-definition cameras and sonar imaging**, our ROVs play a critical role in pre-dive planning, confined space inspections, and asset condition monitoring. These vehicles can be equipped with specialized tools like pressure washers, manipulator arms, dredging gear, and thickness gauges.

ACOUSTIC IMAGING

We use advanced **360-degree sector scans and side-scan sonar** to deliver high-resolution visuals even at zero visibility. From 3D point clouds to photorealistic underwater scans, these technologies allow us to precisely identify, map, and evaluate underwater assets and conditions.

STEREO CAMERA SYSTEMS

Brennan's advanced stereo camera technology provides **ultra high-resolution** video and crisp still images. It supports 3D modeling and point cloud generation. Provides accurate, measurable visuals and models of submerged assets in near-zero visibility.



Our project required a bathymetric and utility survey, both of which required upland tie-ins for construction design.

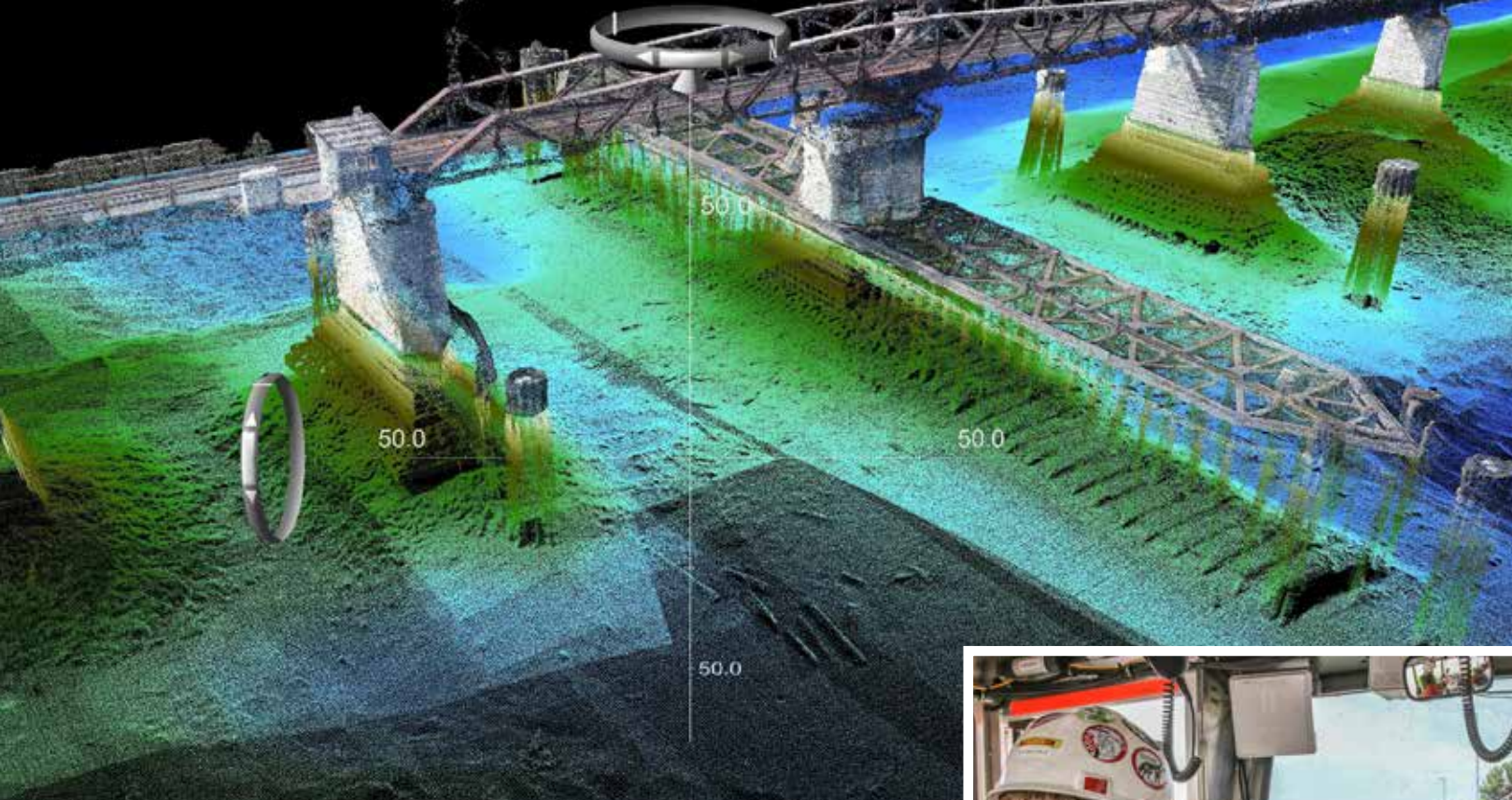
The site conditions were highly variable regarding water depth and active versus abandoned utilities and utility burial depths. Despite these site challenges, the final survey report contained the information the contractor needed to determine sediment removal and turbidity containment means and methods. The survey and report were delivered under a tight timeframe and on budget, meeting our client's objectives. Brennan is a reliable project partner.

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Staci
Goetz
Ramboll, Inc



Stereo camera video still in near-zero visibility at 130FT depth



HYDROGRAPHIC SURVEY

We use advanced hydrographic survey technology to give owners and operators **a complete picture** of their underwater assets and benthic zone. By combining bathymetric data with above-water imaging, we deliver accurate, detailed models that support planning, inspection, and long-term maintenance. These tools help clients make confident decisions, reduce risks, and streamline future work.

AREAS OF EXPERTISE

Multi Beam Surveys

- » Capture dense, high-resolution data for precise 3D models
- » Create fly-through tours for exploring underwater conditions
- » Identify areas of concern and classify submerged objects
- » Support building information modeling (BIM) integration and volumetric analysis for scour monitoring

Single-Beam Surveys

- » Effective in shallow-water conditions
- » Provide accurate general depth information across a body of water
- » Mounted on Brennan's ROVs for access to confined or restricted areas

Terrestrial Lidar & Photogrammetry

- » Generate accurate point cloud images above the waterline
- » Combine with bathymetric data for a full structure model
- » Enable detailed assessments of infrastructure from top to bottom

HIGH-QUALITY DELIVERABLES

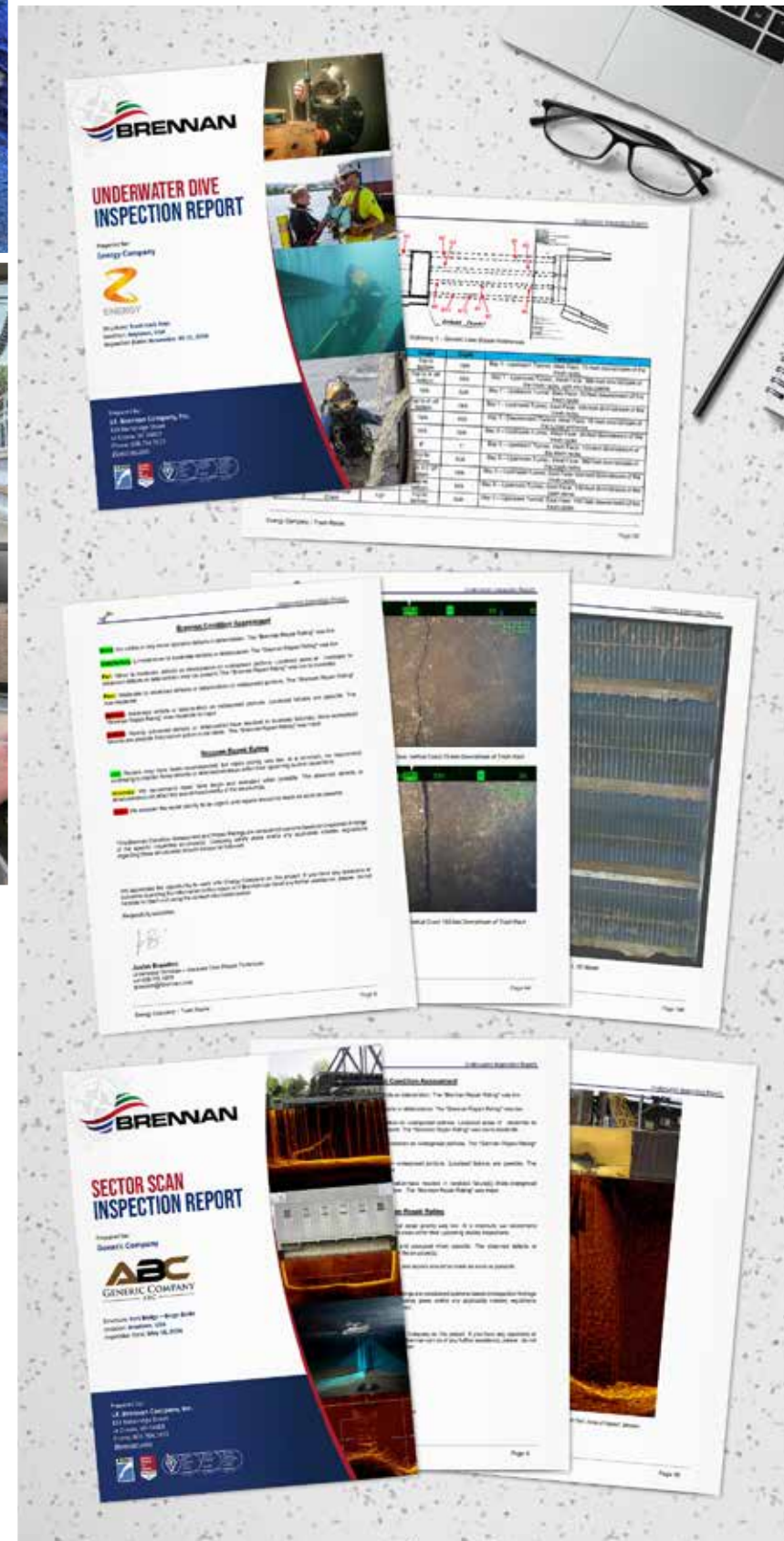
An inspection is only as valuable as the information it provides. That's why our reports are built with care, designed to clearly **communicate findings, highlight risks, and support long-term decision-making**. Every deliverable reflects our commitment to accuracy, transparency, and safety.

INSPECTION REPORTS

- » Clearly written results tailored to each project
- » High-quality underwater photos and video/audio recordings
- » Computer-aided design (CAD) drawings identifying inspected features
- » Optional acoustic images for added detail
- » Straightforward recommendations for repairs or maintenance

SURVEY REPORTS

- » Detailed written results with verified quality checks
- » 3D models with screenshots for easy review
- » Professional plan and elevation drawings
- » Raw data for future reference and comparison



Aziz Ahmed
CHA
Consulting,
Inc.

Brennan has completed the tasks on time and met all deliverable deadlines, from the scope development through project execution and on-time delivery of the final products (survey and report). I will use Brennan without any hesitation in future.

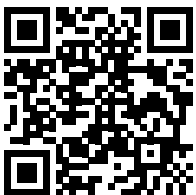


OUR MISSION

We create and execute innovative solutions to the world's most complex maritime, environmental, and infrastructure challenges.

OUR VISION

We will be the best at delivering innovative solutions to the world's most demanding environmental and infrastructure challenges. We will continuously develop unparalleled intellectual capital, redefining what is possible while setting the industry standard for safe and ethical practices. Our work will make Brennan the most respected company in our markets.



Stay in the loop with project updates, videos, and current events at Brennan.

