Josh Wolfson
111 Cherry St
Ashland MA 01721
508-314-1992
service@movingwatersboston.com

Excellence in Marine Research Aquatic Systems

A Flowing Seawater Contractor company that specializes in plumbing and fabricating of flow through or recirculating seawater systems for aquaculture, research, or teaching facilities. From initial design, to fabrication and start up, we work with the end users to ensure all specific needs are met for the functionality of their spaces.

Seawater and Research projects include:

- **University of Texas' Marine Science Institute** Current project
  Fabrication of custom FRP racks and piping systems to house water baths for automated marine environmental toxicology research

- **Mobile Oyster Hatchery II U.S. Virgin Islands** Current Project
  Complete fabrication of functioning hatchery within a 40' convex trailer for transport to the island of St. Croix for teaching purposes

- **Matunuck Oyster Hatchery** Current project
  Flowing seawater system with custom fabricated FRP hanging bag racks for algae production systems, bottle rack systems, ultrapure filtration, degassing systems, piping infrastructure for flowing seawater systems

- **Harvard Medical School** Completed 2026
  Design and build out of aquatic space including custom FRP rack systems, behavioral pools and filtration systems

- **University of New Hampshire Spaulding Hall Teaching Labs** Completed 2025
  Installation of recirculating seawater systems with holding tanks, filtration and piping systems from ground floor mechanical room throughout all of the wet lab teaching classrooms on 2 floors.

- **Department of Marine Fisheries Cat Cove** 2024 & on going
  Complete overhaul of pumping and filtration systems. Currently working on relocating pumps off the pier with davitts for easier function and better capabilities to maintain equipment. New flowing seawater piping planned for late summer of 2026

- **Woods Hole Oceanographic Institution** Completed 2024
  Fabrication and installation of custom seawater recirculating systems for coral research

- **Mobile Oyster Hatchery** completed 2022
  Design and build fully functional hatchery within a 53’ refrigeration trailer from broodstock to larval stages including algae production and feeding systems.

- **Maritime Gloucester Science Education center** Completed 2022
  Design and build out of aquatic systems to house native species for educational teaching

- **University of Maine’s Darling Marine Research Facility** Completed 2020
  Installation of approx 6000’ of piping from seawater intake pumps throughout the entire facility with over 400 drops to cover heated, filtered, ambient seawater within the flowing seawater system

- **Gloucester Marine Genomics Institute** completed 2019
  Fabricated plumbing system on custom fiberglass racks for either flow through or recirculating options, seawater pumps from the ocean through the wet lab filtration, sterilization, aquaria and ocean return

- **MBL Woods Hole Nematostella Life support systems lab** Completed 2019
  Installation of research systems to house saltwater species

- **Harvard University BioLabs Bellono Aquatics Facility** Completed 2019
  Design, fabrication and buildout of saltwater wet lab for aquatic research

- **Boston University Invertebrate Research Lab** Completed 2018
  Installation of plumbing systems on FRP racks capable for recirculating saltwater systems.

- **TheFishGuy** 2006-2018
  Design and build for public and private aquatic systems

Moving Waters Inc was incorporated in 2018 after 14 years in the aquatic environmental space. We have a lifetime of knowledge in the chemistry and care needed to design, build, and fabricate the ideal environments needed for the health and well being of aquatic species. Our previous company, TheFishGuy was one of the leading aquatic service companies in the area, but we knew we had more to bring to the table. That is when we found our true passion for the implementation of Flowing Seawater Labs. This allows us to show off our love for the industry, attention to every detail, and the art of functional design.

Boston University

Sarah Davies, Ph.D.
Assistant Professor
Department of Biology
5 Cummington Mall
Boston, MA 02215
sites.bu.edu/davieslab
617/353-8980

March 12, 2019

To whom it may concern,

I am writing this letter to provide my enthusiastic recommendation for Josh "The Fish Guy." I am an Assistant Professor in the Biology Department at Boston University (BU). I had the pleasure of working with Josh as he helped design and install our state-of-the-art seawater research facility as a part of my new lab here at BU. Our lab studies marine invertebrate responses to climate change using genomic and physiological tools, with a special emphasis on corals. Much of our work depends on laboratory experiments, which allow us to tease apart the influence of variables like temperature and light on the coral stress response. These experiments typically have many moving parts, and the slightest misstep can prove detrimental to the study or even fatal to the organisms, which is of upmost importance given that many of our animals are endangered. Accordingly, we prioritize the quality and reliability of the aquaria systems we use to conduct our research. Since we started working with Josh, we have been consistently impressed and feel confident that the system he helped engineer for us represents the best available technology for conducting our science.

Our facility is a 268 ft^2 space and the centerpiece of the room is a two-tiered rack hosting eight, independently cycling, 3-tank (20 gal) aquarium systems. With this system, we can run up to eight experimental treatments in triplicate simultaneously. Beyond the impressive capacity, the design of our facility is a remarkable improvement on the systems we have worked with in the past. There is ample space above the tanks for reaching in and handling experimental units, and the systems are easily drained with the removal of a PVC standpipe that funnels to a floor drain via the sump. All plumbing is relegated to the back of the rack, leaving a clear line of sight in the front of the tanks that makes it easy to monitor our organisms.

In addition to providing us with an elegant and detail oriented set up, Josh has exhibited exemplary customer service and is generally an amazing person to work with. These kinds of large scale renovations require many different organizations and people to work together seamlessly to create a quality finished product. The value of project partners who are as communicative, helpful, and conscientious as Josh cannot be overstated. Furthermore, Josh has gone above and beyond to ensure that the system is meeting our expectations. As we began to use our space over the past year, my lab manager experienced a minor issue where bulkhead fittings on a few tanks were seeping small amounts of water from the into the system sumps. After discussing solutions with another project partner, we determined that a simple gel sealant would be a reasonable fix. Josh

was exceptionally responsive throughout this process and demonstrated a sincere concern for our satisfaction with the room. He promptly came to campus to lend my lab manager a hand in sealing these fittings, and we have had no problems since.

The accessibility and ease of use of the system Josh installed for us is unparalleled. Josh's high standard of quality and overall dedication to his work continuously reassured us that our tank room was in good hands, allowing us to focus on the science. Josh's knowledge, expertise, and professionalism have left a lasting impression. In summary, I recommend Josh without reservation for the design and installation of similar aquarium facilities.

Sincerely,

Sarah W. Davies M.Sc. Ph.D.
Assistant Professor
Department of Biology
Boston University
Office: (617) 353-8980
Lab: (617) 353-6956
Twitter @DaviesswPhD
Email: daviessw@bu.edu

GLOUCESTER MARINE
GENOMICS INSTITUTE

November 15, 2018

To whom it may concern,

The purpose of this letter is to provide a recommendation for Josh "The Fish Guy". I am the Science Director at the Gloucester Marine Genomics Institute and have had the pleasure of working with Josh through the design and installation of a seawater facility at our new research institute on the Harbor in Gloucester, Massachusetts. GMGI is a marine biotechnology research institute using genomic technologies for discoveries that impact fisheries and biomedicine. As a new research institute our goal was to create a seawater facility with maximum functionality (in a relatively small space) and with the flexibility to accommodate a variety of changing projects as we grow our research programs. Our initial focus is on marine invertebrates (e.g. crustaceans, echinoderms, ascidians, porifera) and we plan to hold species from both the Atlantic and Pacific Oceans. The completed seawater facility has exceeded my expectations, offering incredible functionality and flexibility. In addition, it is beautifully designed and has quickly become the showcase of our institution.

In a 324 square foot room, the center stand-alone rack is comprised of eighteen 20 gallon aquaria and there are two additional trays on the side of the room to provide large shallow work areas or space to accommodate six additional 10 gallon aquaria. The facility was designed with the ability to use flow-through (or recirculating) natural seawater from Gloucester Harbor or recirculating artificial seawater when we need defined conditions. There is a controller for every three aquaria which is ideal for conducting experiments in triplicate. An in-line UV sterilizer was installed for the seawater effluent to ensure there is no discharge of viable biologicals to Gloucester Harbor. The UV treatment was designed to be operational only when triggered by water flow, therefore saving energy and extending the lifespan of UV bulbs. Installation of the Apex system allows us to monitor all aquaria remotely for worry-free operation.

The layout of the room is well-organized with incredible attention to detail and beautiful workmanship. Key components are carefully labeled and Josh has provided a clear explanation of the features and operations to multiple users. He is incredibly knowledgeable and has been readily available throughout the installation and training process. He has returned for several post-installation visits to make sure all our questions were answered and everything was operating smoothly.

GLOUCESTER MARINE
GENOMICS INSTITUTE

In all respects, Josh has been a pleasure to work with. He is always pleasant, professional, incredibly dedicated and hard-working. He has created a sophisticated, user-friendly, functional and beautiful aquaria system for GMGI and I have no hesitation in recommending him for the design and construction of a similarly complex aquaria system.

Sincerely,

Andrea Bodnar

Andrea Bodnar, Ph.D.
Science Director
Gloucester Marine Genomics Institute
417 Main Street
Gloucester, MA, 01930
(978) 962-7134
andrea.bodnar@gmgi.org

Darling Marine Center

THE UNIVERSITY OF MAINE

193 Clarks Cove Road
Walpole, ME 04573
Tel: 207.563.8144
dmc.umaine.edu

17 March 2021

Dear Colleagues:

I am delighted and honored to provide this recommendation for ***Moving Waters, Inc.***, led by President Josh Wolfson.

As the Director of the University of Maine's Darling Marine Center, I have had the great pleasure of working with Mr. Wolfson and his team over the last several years to design and construct this project. Thanks to the creativity, perseverance and good humor of Josh's team, we have substantially completed the renovation of the Flowing Seawater Laboratory and upgrades to the flowing seawater system at the Darling Marine Center.

The flowing seawater system is the circulatory system of our facility, enabling scientists, students, and community and industry partners to investigate how coastal marine ecosystems and species respond to the impacts of changing environmental conditions. We now have an entirely new and completely redundant system in place to bring full strength seawater into three of the DMC's laboratories on our 182-acre campus. These improvements are absolutely essential for the continued operation of our marine lab, to enable scientists, students, and our community and industry partners to conduct controlled experiments.

This system is a major upgrade from our previous one. Josh and his team also looked ahead to the future uses by our clients by installing the system in a way that will enable us to bring on more environmental controls in the future, as client requests and the science demand it.

I am very pleased with how the project developed, and particularly the care with which Moving Waters, Inc. conducted their work. Their meticulous attention to every detail of this complicated system and their clear communication with other members of the team, in close coordination with the project architect and designer, Ellenzweig and their seawater sub-contractor Rick Galat, was a critical aspect in the project.

I am truly delighted with how this project has come to fruition and very appreciative of Josh's work. Not only does this project benefit University of Maine personnel, but it also serves as a regional resource as it will be used by hundreds of researchers from around the world every year. If you would like more details regarding the projects and the outstanding work by Moving Waters, Inc., please do not hesitate to be in contact with me.

Sincerely,

Heather Leslie

Heather M. Leslie, Ph.D.
Director, Darling Marine Center & Professor, School of Marine Sciences

Brittany Walsh
Lab Manager
Bellono Aquatics Facility
Harvard University BioLabs
16 Divinity Ave
Cambridge, MA 02138
Office: 617-384-0096
Cell: 603-339-0026

10/23/19

To Whom It May Concern:

I am writing to recommend the services provided by Moving Waters Inc. for research-based aquatic systems. Over the past year we have been designing and building our new marine-animal based facility and with their expertise and assistance, we now have a functioning and efficient marine research aquarium where we can house a variety of species.

Moving Waters Inc. was able to help us come up with a system designed for versatility and flexibility. They were willing to modify this design as our needs changed and have always been available for emergencies. We have also used their services for ordering supplies.

I am happy to recommend their services and look forward to working with them again should the need arise. If you have any questions, feel free to contact me.

Brittany Walsh

Brittany Walsh

HARVARD MEDICAL SCHOOL | BLAVATNIK INSTITUTE CELL BIOLOGY

Julie Huang, Ph.D.
Executive Director of Cell Biology
Blavatnik Institute, Harvard Medical School
240 Longwood Avenue, Boston MA 02115
julie_huang@hms.harvard.edu | 617-432-7473

March 22, 2026

To whom this may concern:

I'm delighted to recommend Moving Waters, who recently completed a 550 square foot aquatics facility for a new faculty member in my research department at Harvard Medical School. As the Executive Director of the department, one of my responsibilities is to coordinate space needs and work with researchers, architects, engineers, construction firms and subs, and our institution's planning department and facilities personnel to design and build laboratory space. Our new faculty member wanted to work with Moving Waters since his previous advisor/mentor had used them with positive results to build out a large facility at Harvard University in Cambridge, MA. In this capacity, I worked closely with Josh Wolfson from Moving Waters to help properly build our own aquatics space.

I should mention that the research needs of my new faculty member were quite atypical for Harvard Medical School (which is located in Boston, several miles away from the rest of the university). We have very, very few faculty who perform biomedical research using aquatic species; out of more than 170 faculty on our campus, there is only one who uses Zebrafish as a model organism (to study development), while a handful of researchers use frog eggs for biochemical and molecular assays, but do not study frogs per se. Additionally, both species are freshwater, not marine, organisms.

By contrast, our new faculty member studies a diverse range of marine aquatic species, including both vertebrates and invertebrates. These species, including sea slugs, anemones, clownfish, octopi, squid, and sea robin fish, are highly variable in size and require different growing conditions and environments. Additionally, our faculty member works on unusual biological questions that can lead him to pivot unpredictably to studying new organisms. In practical terms, this means that we need a lot of flexibility to accommodate both current and future species. What was great about working with Moving Waters is that their customizable approach makes this very easy.

I'll also mention that Josh could have taken advantage of a new faculty member (and me as well!) and sold us all sorts of supplies and setups we didn't need. Instead, Josh ensured that our faculty member would get exactly what he needed in the most economical way possible. This included repurposing equipment and materials, which is incredibly important in this challenging grant funding environment. For example, while waiting for our larger, more developed aquatics facility to be built out, we had to whip together a temporary, much smaller aquatics room in a different building so that our faculty member could start doing his research quickly. Josh helped our faculty member pick out equipment and components for the temporary space that could be reused in the permanent facility. When another group on campus gifted us some large fiberglass tubs, Josh cleaned them up and custom built the support framework around them—he did not try

to pressure us into purchasing commercial tubs of a more standard size. When a behavioral pool was backordered, Josh brought in a larger pool, adjusted all the equipment around it to fit in the space, and then later swapped it out for the smaller pool. This allowed our researcher to begin his studies more quickly instead of waiting for the smaller pool to arrive.

Josh also participated in several Zoom calls with the architects, construction firm, and myself to ensure that the facility would accommodate the faculty member's needs in terms of both design and infrastructure. Both firms had plenty of experience with laboratory design but had not done an aquatics facility before, so it was incredibly valuable to have Josh present on these calls to bring up needs that are particular to marine research. For example, Josh made sure that the right materials were specified and sourced to avoid corrosion by salt or accidental poisoning of research organisms.

I should also mention that it can be challenging to build on our campus. The vast majority of our buildings on campus are old and never designed for the vast infrastructure and utility needs of modern biomedical research. Indeed, Josh was "lucky" in that my building (which was built in the late 60's or early 70's) was one of the "newer" ones on campus. He was faced with multiple challenges, which he handled with creativity, agility, and patience.

First, our campus is in very busy medical area in Boston. On other words, there is virtually no above-ground parking on or anywhere near our campus, and what little parking we do have adjacent to this specific building was largely blocked off by another construction project. Second, due to this neighboring project, there was no accessibility ramp to the only main entrance to our building--only stairs. Third, there is no freight elevator to the aquatics site, only a small passenger elevator (it's the smallest elevator in the three research buildings I oversee). In other words, all materials larger than the elevator had to transported via stairs, and Josh also had to design the aquatic setups specifically with these size limitations in mind. Despite all of this, Josh and his team enthusiastically dove into this project with no hesitations--whenever I brought any potential roadblocks to his attention, his always assured me, "We'll make it work." (And he and his team always did.)

As a final monkey wrench thrown at Josh and his team, somewhere along the line, he was provided incorrect or inaccurate dimensions for the facility layout, and he had to adjust equipment placement in the field. Again, he immediately handled the situation, and we are very pleased with the result and functionality of the system.

In closing, when the time comes to expand our aquatics facility, I would not hesitate to work with Josh and his team again.

Sincerely,

Julie Huang, Ph.D.
Executive Director of Cell Biology
Blavatnik Institute
Harvard Medical School

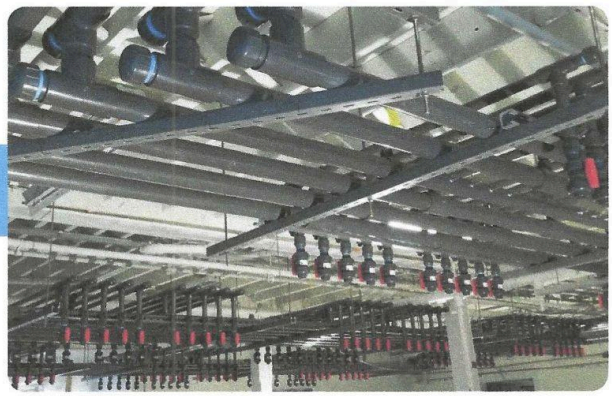
SHOWCASE

SPEARS® PVC SCH80 PIPING PRODUCTS

DARLING MARINE CENTER

In August 2020 The University of Maine contracted with Moving Waters Inc. to provide a lab piping system for a new 2,600 ft² campus laboratory at the Darling Marine Center (DMC). The DMC is well known throughout Maine for its coastal marine research, education and outreach to the community.

Moving Waters Inc., a Company located in Ashland, MA., was awarded the project for their more than 30 years of experience in providing state-of-the-art seawater lab and marine life support systems. Known in the industry for installing and commissioning high-quality precision-designed piping systems, Moving Waters also possesses vast knowledge and expertise in water chemistry and marine life care.

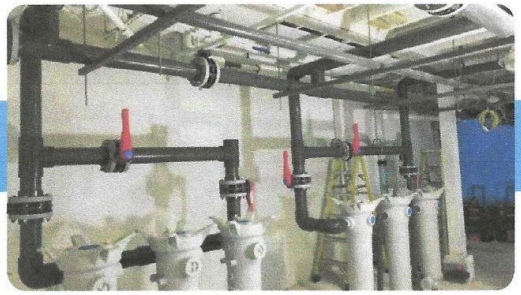


Moving Waters Inc. selected piping products by Spears® Manufacturing Company to accomplish this project based on the success they have had with the products in the past. Moving Waters has installed Spears® products exclusively for many years.

A wide selection of thermoplastic products were required for the DMC project. Approximately 6,000 feet of 3/4 through 8 inch PVC schedule 80 pipe and fittings, 2000 series true union ball valves, butterfly valves, swing check valves and cement & primer were installed - a complete piping package from a single source manufacturer. Spears® also covers its' piping products with a limited lifetime warranty - providing added peace of mind.

Josh Wolfson, President of Moving Waters Inc., chose only Spears® products *"for the quality, longer life span and aesthetics of the product."* Josh further stressed that *"to us, this is not as much about savings as it is about quality. Every fitting is uniform which allows for better fit. In the end, we have the most functional system as well as the most aesthetically pleasing system."*

The Darling Marine Center PVC schedule 80 laboratory system project was completed in December 2020 and commissioned without incident. Spears® Manufacturing Company is proud to have been a part of this ambitious project and will continue to provide only the best in PVC & CPVC thermoplastic piping products.



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Some of the materials we specialize in are:

- **Schedule 80 PVC**
- **FRP fabrications**
- **FRP Aickinstrut hanging systems**
- **Hilti fasteners and epoxies**
- **Asahi Valves**
- **+GF+ piping systems**
- **Stainless steel fastening systems**
- **Custom acrylic fabrication**

Moving Waters inc operates out of a 5,500 sq. ft. warehouse and fabrication work shop located in Ashland, MA. We meet all insurance, safety, and security requirements for all job site specifications.

We maintain up to date equipment and products by regularly attending trade shows, training sessions, and seminars. Through the years we have made invaluable relationships with many pertinent companies such as:

- **Pentair products**
- **Duratech Marine**
- **Aqualogic**
- **Hayward**
- **Spears**
- **Apex Systems**
- **Lifegard Aquatics**
- **Eshopps**
- **Sicce**
- **FW Webb**
- **Draper Metals**
- **Planet Aquariums**

Please visit our website for additional examples of our work
www.movingwatersboston.com