



Tom Volinchak – Curriculum Vitae

- 1981 – 82: Community Dialysis Centers – Dialysis Technician – Patient assessment, performed complete Hemodialysis Treatment. Pure Water Task Force
- 1982 – 84: St. Elizabeth Hospital, Youngstown, Ohio – Technical Coordinator, Dialysis Services. Provided training for nursing and technical staff. Redesigned High Purity Water System to eliminate recurring Pseudomonas Aureus and Staphylococcus contamination.
- 1984 – Completed seminar curricula for Management of Infectious Disease at the Salk Institute for Biological Sciences at La Jolla, Ca.
- 1985 – Keynote Speaker, American Kidney Foundation, Network 22 – The Nature of Water
- 1984 – 86 – Clinical/Dialysis Water Applications Specialist, Peck Water Systems – Designed, Installed, and implemented high purity water systems at Carnegie Mellon University and Institute, University of Pittsburgh, also at Allegheny General, Presbyterian, Mercy, Cleveland Clinic, and numerous other Hospitals.
- 1986 – 88 – High Purity Water Specialist, Kinetico Engineered Systems – Designed high purity water technology, waste minimization, and water reuse technology for industry. Recognized for designing first US Deionized water system for Honda Motors, USA, Ana, Ohio.
- 1988 – 1992 – Senior Sales Engineer Arrowhead Industrial Water / US Filter. Designed high purity water technology for Aerospace, Power Generating, Automotive, Electronics, Chemical/Petrochemical and Heavy Industry. Placed technology with US Steel, Union Carbide, Degussa, Ohio Edison, Penn Power, American Electric Service, and Ford Motors.
- 1992 – 1995 – Water-Core Engineering – Independent Consultant serving high purity Medical and R&D facilities. Provided technology, service, and consulting to Travenol, Smith Cline, BD, Debartolo/York Laboratories, and others.
- 1995 – 1998 Culligan International/US Filter – Focused on Build/Own/Operate high purity water systems for Chemical/Petrochemical, Power Generating, and Heavy Industry.
- 1998 – 2001 Sustainable Resource Technologies – Provided consultive expertise in the drinking water, bio-medical, and nuclear power market segments. Helped companies such as the city of Youngstown Ohio, US Steel, PPG, and others meet EPA certifications for both consumable water and discharge water.
- 2002 – 2006 – Mobile Process Technology/Envirogen Technologies – Designed and implemented water purification, reuse, and waste minimization technologies. Valero, BASF, and Dupont and Lucite were some leading clients.
- 2006 – 2010 – Siemens Water Technologies – High Purity Group – Redesigned central high purity water system at St. Jude Children’s Hospital. Placed technology into University of Tennessee, University of Memphis, Fresenius Dialysis Centers, Baxter, Glaxo, TVA, and others.



- 2017 – Founder Glanris, Inc. – Created a company around a new, patented technology called 901X that turns rice husk into an ultra-low cost, carbon-reducing, pollution reducing water purification media. Designed, built, and directed the creation of an R&D facility including manufacturing, analytical laboratory, and R&D operations. Successfully placed the technology into applications across the globe. Accounts include BMW, Proctor and Gamble, Modine Manufacturing, Multiple bio-reactor enhancements in the Philippines, APMM (Toyota), Smith and Nephew, KW Plastics, Trimatic Springs and more.
- 2021 – Developed first rice-husk carbon block filter for metals removal. Patent Applied For
- 2021 – Awarded 2 patents for regenerating rice husk biochar with sodium bicarbonate.
- 2010 – Present – Water Is The New Gold – Created a consulting/service/capital equipment firm offering high-purity water services, water recycling, and waste minimization/green water technology to industry and institutions. Clients include Drexel Chemicals, PMC Biogenix, Georgia Pacific, Chemtreat, Momar, and Dupont. Placed over 4,000 gpm of RO capacity in the Mid-South.

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