

## 2.2.2 Project Team Members

Kubota's team members for the Travis Field WRF project are knowledgeable in all aspects of membrane bioreactor systems. We have included below brief resumes of the team members who will be working on this project.

### 2.2.2.1 Lead MBR Project Engineer | Damone Supica

MBR System Procurement, Biological Process Design and Modeling, Project Development, Equipment Selection, Mechanical Drawings, Engineering Review

Damone Supica, B.S., M.S., P.E.

Damone brings 33 years of wastewater experience and leadership to Kubota Membrane USA's engineering team. He started his career in 1985 as a wastewater treatment plant operator for the United States Air Force. After completing his enlistment, Damone went on to earn both a Bachelor's and Master's degree in civil engineering with an emphasis on wastewater treatment system design for biological nutrient removal. He spent the next five years after graduation as a process engineer designing sequencing batch reactors, filtration, and digestion systems. With a passion for membrane biological reactors, Damone pursued a

career in MBR systems and has been active in this area for the last 12 years. Damone's broad knowledge in wastewater treatment system equipment procurement, biological process design and modeling, biological nutrient removal systems, and membrane filtration design provide him with a diverse background and the ability to provide wide-ranging and timely support to both the engineer and owner. His extensive experience and versatile skill set make him an invaluable asset to the Kubota Membrane USA team and to our clients.

#### Sample of Damone's MBR and MBT Project Experience

2006 James Creek MBR, GA | 1 MGD MBR System design, equipment selection, and sales.

2007 Pumpkinvine Creek MBR, GA | 3 MGD, MBR System design, equipment selection, and sales.

2008 North Topsail MBR, NC | 1 MGD, MBR System design, equipment selection, and sales.

2009 Ocean Reef MBR, FL | 0.75 MGD MBR System design, equipment selection, and sales.

2010 Marathon MBR, FL | 0.5 MGD, MBR/MBT System design, equipment selection, and sales.

2010 Town of Davie, FL | 4 MGD, MBR/MBT System design, equipment selection, and sales.

2011 Isle of Palms MBR, SC | 0.70 MGD, MBR/MBT System design, equipment selection, and sales.

2012 Piedmont WWTP, SC | 4 MGD MBR/MBT System design, equipment selection, and sales.

2013 Richmond Hill, GA | 4 MGD MBR/MBT System design, equipment selection, and sales.

2015 Shakerag WRF MBR, GA | 2 MGD MBR System design, equipment selection, and sales.

2016 Clairton WRF MBR, PA | 10 MGD, MBR System design, equipment selection, and sales.

2017 Pikeville WRF MBR, KY | 2 MGD MBR System design, equipment selection, and sales.

2017 Douglas WRF MBR, KY | 0.40 MGD, MBR System design, equipment selection, and sales.

#### *2.2.2.2 MBT Project Engineer | Kevin Crane, CA Grade V Wastewater Operator*

MBT System Procurement, Digestion Process Modelling and Design, Project Development, Product Development, Equipment Selection

Kevin Crane, CA Grade V Wastewater Operator, MBT Product Engineer

Kevin started his wastewater career in 1997 when he began an Associates program in water and wastewater technology. Upon graduation in 1999 Kevin began a ten year period of operating various wastewater treatment plants including trickling filters, advanced biological nutrient removal, tertiary filtration and membrane bioreactor systems. Having achieved the highest level of operator certification in California and Oregon Kevin embarked on a new chapter in his career as a Product Manager for Aerobic Digestion. In this role Kevin was instrumental in designing, promoting and delivering aerobic digestion systems utilizing membrane thickening. Kevin's background in plant operations and equipment design has provided him with a unique perspective that allows him to provide membrane thickening systems that require the minimal amount of operator attention necessary. Kevin understands that the proper focus of an operator's attention is ensuring that the plant complies with its NPDES permit requirements and that equipment is maintained in good working order. His unique experience with aerobic digestion in

conjunction with membrane thickening has shown him the aspects of a successful design that will make that goal a reality. His contribution to the Kubota team is fundamental to our company's commitment to providing the best membrane systems available on the market today.

#### Sample of Kevin's MBT Project Experience

2009 Cayce MBT, SC USA | Largest MBT system in the world. Project management, system commissioning.

2010 Davie MBT, FL, USA | MBT following 4 MGD, MBR. System design, equipment selection, and sales.

2011 Dickinson MBT, ND, USA | MBT following 8 MGD IFAS. First two stage thickener. System design, equipment selection and sales.

2012 Pigeon Forge MBT, TN, USA | MBT following 6 MBD SBR. First wastewater membrane system in TN. System design, equipment selection and sales.

2014 East Dundee MBT, IL, USA | Responsible for pilot testing of Microdyn UP150 membrane in thickening applications. System design, data collection and analysis, determination of commercial viability.

2015 New Braunfels MBT, TX, USA | 3 Two stage thickeners following 3 CAS systems. System design, equipment selection, and sales.

2016 New Braunfels Pilot Testing, TX, USA | Responsible for pilot testing of Cembrane's Silicon Carbide Ceramic membrane in thickening applications. System design, data collection and analysis, determination of commercial viability.

*2.2.2.3 Lead Project Manager | Kazuo (Issey) Iwakura*



Plant Commissioning and Start-Up, Technical Support, After-Service, Warranty, Factory Testing

Taz Uejima, B.S., M.S. Mechanical Engineering

Taz joined Kubota in 1997, during the early stages of the MBR business. He has spent 19 years in the wastewater industry, working for Kubota the entire time. He has filled a wide range of roles including product development, MBR system development, manufacturing system development, product design, operation and maintenance. Taz has been involved in the US market since 2004, and he takes a leading role in field service as technical specialist. He is responsible for all things related to field service, plant operation and maintenance. He has extensive first-hand experience supporting owner and operator questions, troubleshooting plant issues and finding efficient and actionable solutions. Taz is knowledgeable in every aspect of the Kubota product line, including past and present designs. Taz will provide project support during installation, startup-up, and operation.