

Montana Professional Engineers Hall of Fame

Robert L. Sanks, Ph.D., P.E.

Montana Professional License Number 2704PE

- * University of California, Berkeley - B. S. Degree, Civil Engineering, 1940
Iowa State (College) University - M. S. Degree, Structural Engineering, 1949
University of California, Berkeley - Ph. D. Degree, Sanitary Engineering, 1965
- * Instructor, Assistant Professor, and Associate Professor, Department of Civil Engineering, University of Utah, 1946-1958; Professor and Chairman, Department of Civil Engineering, Gonzaga University, 1958-1961
- * Professor, Department of Civil Engineering and Engineering Mechanics, Montana State University, 1966-1982; Awarded Professor Emeritus status in March 1982
- * Editor-in-chief and co-author of *Pumping Station Design*. The 1st Edition won the only 1989 award "Excellence" given for an engineering book by the Professional & Scholarly Division, American Association of Publishers. 2nd Edition published 1998, and 3rd Edition in 2005. Recognized as the preeminent text on pumping stations for water and wastewater.
- * Responsible for the first use of unique water treatment technologies in Montana: land disposal of sewage (by spray irrigation at Rocky Boy); direct filtration of municipal water (Yellowstone River water at Colstrip); secondary sewage treatment by biodisc (at Livingston); and onsite pilot plant tests for design (of secondary wastewater treatment at Livingston and municipal water at Colstrip)
- * His research and improvement of trench-type wet wells made them the only design recommended for medium and large wastewater pumping stations by the Hydraulic Institute in the 1989 edition of American National Standard for Pump Intake Design.
- * Member of American Water Works Association (AWWA); George Warren Fuller Award presented by AWWA in 1976; Lifetime Achievement Award presented by Montana Section AWWA in 2000
- * Member of Water Environment Federation
- * Fellow, American Society of Civil Engineers. President of Intermountain Section 1957
- * Listed in Who's Who in America beginning in 1988

Inducted November 4, 2005

Presented by the Montana Society of Engineers
A state society of the National Society of Professional Engineers

