

Operation of Municipal Wastewater Treatment Plants
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Chapter 8—Pumping of Wastewater and Sludge
Sixth Edition

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Water Environment Federation

Michael D. Nelson, *Chair*

Richard G. Atoulikian, PMP, P.E.

Thomas P. Krueger, P.E.

Russell E. Mau, Ph.D., P.E.

William McKeon, P.E.

John L. Meader, P.E.

Timothy H. Sullivan, P.E.

Under the Direction of the MOP 11 Subcommittee of the Technical Practice Committee

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Water Environment Federation
601 Wythe Street
Alexandria, VA 22314–1994 USA
<http://www.wef.org>

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Water Environment Federation
601 Wythe Street
Alexandria, VA 22314-1994 USA
(703) 684-2400
<http://www.wef.org>

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Preface

This sixth edition of this chapter was produced under the direction of Michael D. Nelson, *Chair*. The principal author of this chapter is Russell E. Mau, Ph.D., P.E.

This chapter provides a brief review of pump and pumping fundamentals, presents operations and maintenance (O&M) guidance for liquid and solids pumping, and discusses pumping station considerations. It has been updated to reduce the repetitiveness of previous O&M sections. Now, general O&M considerations (applicable to all pumps) are presented first, and more specific O&M practices are outlined under each type of pumping system. Also, the O&M sections address improvements in pump-driver and -control technologies and include more information on computerized O&M systems.

This chapter was also reviewed by Philip Pantaleo and Tim Tack.

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