

NWRI Expert Panel for the California Department of Public Health

CV for Proposed Expert Panel Member:

- Adam W. Olivieri, Dr.PH, P.E.

BIOGRAPHICAL SKETCH

Adam W. Olivieri
Vice President
EOA, Inc.
1410 Jackson Street
Oakland, CA 94612 Phone: (510) 832-2852 Fax: (510) 832-2856

Education

Dr. P.H.	University of California, Berkeley	1982	Environmental Health Sciences
M.P.H.	University of California, Berkeley	1978	Environmental Health Sciences
M.S.	University of Connecticut, Storrs	1975	Civil and Sanitary Engineering
B.S.E.	University of Connecticut, Storrs	1974	Civil Engineering

Professional Certificates

Registered Civil Engineer, State of California

Research and Professional Experience

1985 – Present, *Principal Engineer*, EOA, Inc.

As vice president of EOA, Inc., shares responsibility for administrative and management activities. Project management responsibility for projects including NPDES permit compliance, pretreatment program development, wastewater reclamation, risk assessment, urban runoff, and regulatory program development and analysis.

1997 – 1999, *Project Director/Investigator*, Public Health Institute
San Diego Wastewater Reclamation Study: AQUA 2000 Microbial Testing Program.

1985 – 1997, *Project Manager*, Western Consortium for Public Health
\$6.8 million San Diego Wastewater Reclamation Health Effects Study.

1983 – 1993, *Staff Specialist IV (PostDoc)*, University of California, School of Public Health
Management and technical responsibilities for several research projects related to groundwater resource evaluation and database system development for groundwater contamination data management. Project manager for the U.S. Army Water Quality (Infectious Agent) Risk Assessment Project.

1974 – 1985, *Water Resources Control Engineer*, San Francisco Regional Water Quality Control Board
Senior Engineer in charge of the Basin Planning Section responsible for policy development, water quality, and basin planning projects. Manager of the Board's Toxic Task Force responsible for hazardous material site clean-up policy development, underground Tank Leak Detection Program, risk assessment study, assistance to local hazardous material ordinances, and supervision of site investigations at some 20 sites. Also, preparation of NPDES and WDR Permits, clean water grant facilities planning, plant inspections, and pretreatment program implementation.

HONORS AND AWARDS: Chi Epsilon, EPA Fellowship, EPA SAB (Consultant); Blending Testimony to U.S. House of Representative – Subcommittee on Water Resources and Environment – April 13, 2005

PUBLICATIONS: Principal and co-author of a number of technical publications and project reports.

Congressional Testimony and Independent Review Panels (recent)

1. Congressional Testimony to Subcommittee on Water Resources and Environment, Washington, D.C., April 13, 2005. "Public Health Implications Associated with the Practice of Wastewater Treatment Plant Blending – Concerns and Misconceptions," Olivieri, A.W.
2. ILSI Risk Science Institute - Revised MRA Framework Workshop, funded by US EPA and AWWA, May 11-12, 1999.
3. Tampa Bay - Independent Review Panel Member – Joan Rose Chair, 2002.
4. University of Warwick, U.K., Steering Committee member - Development of Standards and Guidelines for Potable Reuse, April 2004.
5. FDA and Department of Health Services Independent Review Panel – surface discharge and disinfection issues – Monterey, 2007
6. Health Effect Studies, SCVWD & Australia, Colloquium on Indirect Potable Reuse invited panel member, January 29, 2007.
7. NWRI – Monterey Peninsula Groundwater Recharge Independent Review Panel – George Tchobanoglous Chair, Feb. 28, March 1 and 2, 2007 (Environmental Engineering and Risk Assessment panel member)
8. NWRI – Orange County Independent Review Panel – George Tchobanoglous Chair, March 31, 2008 – July 7, 2009. (Environmental Engineering and Risk Assessment panel member).
9. WERF PSC member - Quantification of pathogens and sources of microbial indicators for QMRA in recreational waters (PATH2R08) 2009-2010.
10. WateReuse Foundation - 2009 Research Needs Workshop Project Prioritization, San Diego, CA. (member for past three workshops).
11. California State Water Resources Control Board & Department of Public Health, CEC Blue Ribbon Advisory Panel, 2009-2011.
12. California State Water Resources Control Board, Advisory Panel for CECs in Coastal and Marine Ecosystems, 2010-2012.
13. California State Water Resources Control Board, Advisory Panel for CECs in Coastal and Marine Ecosystems – Monitoring Plan Development, 2012 – ongoing.
14. CUWA/NWRI/WateReuse – Direct Potable Reuse Workshop (Invited Participant), April 26-27, 2010.
15. NWRI - Independent Advisory Panel for California Department of Public Health – Review of Water Recycling Criteria for Agricultural Irrigation (Vice Chair), 2010-2012.

16. SFEI and RMP

17. NWRI - Orange County Independent Review Panel – George Tchobanoglous Chair, Disinfection Optimization (Environmental Engineering and Risk Assessment panel member). 2014
18. NWRI – Expert Panel for CDPH on Development of Water Recycling Criteria for Indirect Potable Reuse through Surface Water Augmentation and the feasibility of Developing Criteria for Direct Potable Reuse, Dr. Rhodes Trussell (Chair), 2014 - ???
19. NWRI – Independent Advisory Panel on Evaluating Indirect Potable Reuse for the Santa Clara Valley Water District (Dr. James Crook – Chair), 2013 – Ongoing.
20. Texas Water Development Board – Evaluation the Potential of Direct Potable Reuse in Texas, Expert Review Panel member (via Alan Plummer Assoc, Inc.), 2013 – Ongoing.

PUBLICATIONS

REGULATION OF GROUNDWATER CONTAMINATION SITES

1. "Groundwater Contamination from Underground Tanks in California's Silicon Valley," Olivieri, A.W., et al., ASCE Water Resources Planning & Management Specialty Conf., Baltimore, Maryland, May 29-31, 1984.
2. "Protection of Ground Water in the San Francisco Bay Area from Hazardous Materials Contamination," Eisenberg, D.M. and A.W. Olivieri, 1984 ASCE National Convention, San Francisco, CA, October 3-4, 1984.
3. "Investigation and Cleanup of Fuel Tank Leaks in the San Francisco Bay Area-A Regulatory Strategy," Eisenberg, D.M., A.W. Olivieri and P.W. Johnson, 1985 Oil Spill Conference, American Petroleum Institute, EPA, United States Coast Guard, Los Angeles, California, February 25-28, 1985.
4. "Groundwater Contamination from Hazardous Material Sites," Cooper, R.C. and A.W. Olivieri, SEHRL News Quarterly, University of California, Berkeley, Vol. XXIV, No. 3, July 1984.
5. "Groundwater Protection in San Francisco Bay Area," Eisenberg, D.M., A.W. Olivieri, M.R. Kurtovich, P. Johnson and L.A. Petegrew, J. Env. Eng. Div. ASCE, Vol. II, No. 4, August 1985.
6. "Groundwater Contamination in Silicon Valley," Olivieri, A.W., D.M. Eisenberg, M. Kurtovich and L.A. Petegrew, J. Water Res. Planning and Management, ASCE, Vol. II, No. 3, July 1985.
7. "Relative Site Ranking Methodology for Groundwater Contamination Site Regulations," Cooper, R.C, A.W. Olivieri, D. M. Eisenberg, SEHRL News Quarterly, University of California, Berkeley, Vol. XXXVI, No. 1, January 1986.
8. "Application of a Relative Site Ranking Methodology to Regulation of Groundwater Contamination Sites," Olivieri, A.W., D.M. Eisenberg, R.C. Cooper, 1986 ASCE Conference Environmental Engineering, Cincinnati, Ohio, July 8-10, 1986.
9. "Determining Appropriate Response for Underground Fuel Tank Leaks," Eisenberg, D.M. A. W. Olivieri, D.M. Tempelis, Proceedings of HAZMACON 1986, Anaheim, California, April 29-May 1, 1986.
10. "Groundwater Contamination Site Ranking Methodology," Olivieri, A.W., D.M. Eisenberg, R.C. Cooper, ASCE Journal of Environmental Engineering, Vol. 112, No. 4, August, 1986.
11. "Statewide Data Management System for Tracking Response to Reports of Contaminated Drinking Water Wells," Olivieri, A.W., et al., Proceedings 1987 HAZMACON, Santa Clara, California, April 21-23, 1987.

12. "Evaluating the Effectiveness of Local Hazardous Materials Storage Ordinances," Eisenberg, D.M., A.W. Olivieri, S. Woo, Proceedings 1987 HAZMACON, Santa Clara, California, April 21-23, 1987.
13. "Total Petroleum Hydrocarbon Analysis - Methods and Interpretation," Eisenberg, D.M. and A. W. Olivieri, Proceedings 1989 HAZMACON, Santa Clara, California, April 18-20, 1989.

RISK ASSESSMENT

1. "Public Health Evaluation of On-site Systems," Olivieri A. W. and R.C. Cooper, Proceedings of the Eighth National Conference on Individual On-site Wastewater Systems, Ann Arbor Science, October, 1981.
2. "Public Health Risk Evaluation of Wastewater Disposal Alternatives, Cooper, R.C. and A.W. Olivieri, Paper in Microbial Health Considerations of Soil Disposal of Domestic Wastewater, EPA-600/9-83-017.
3. "A Methodology for Ranking the Relative Risk of Groundwater Contamination from Hazardous Material Sites," Olivieri, A.W. and D.M. Eisenberg, Proceedings ASCE National Conference on Environmental Engineering, Los Angeles, CA, June 25-27, 1984.
4. "Water-Related Infectious Agents in Military Field Water Supplies," Cooper, R.C. and A.W. Olivieri, SEHRL News Quarterly, University of California, Berkeley, Vol. XXXIV, No. 1, January 1984.
5. "Assessment of Risk Associated with Water-Borne Infectious Agents," Cooper, R.C., A.W. Olivieri, et al., 1985 American Society for Microbiology 85th Annual Meeting, Las Vegas, Nevada, March 3-7, 1985.
6. "Assessment of Risk Associated with Waterborne Infectious Agents," Cooper, R.C. and A.W. Olivieri, SEHRL News Quarterly, University of California, Berkeley, Vol. XXXV, No. 1, January 1985.
7. "Risk Assessment of Waterborne Infectious Agents," Olivieri, A.W., et.al., Proceedings International Conference on Development and Application of Computer Techniques to Environmental Studies, Los Angeles, California, November, 1986.
8. " Evaluation of Potential Health Risk of Direct Potable Reuse of Reclaimed Wastewater," Eisenberg, D.M., A.W. Olivieri, R.C. Cooper, Proceedings ASCE 1987 Conference Environmental Engineering, Orlando, Florida, July 6-8, 1987.
9. "Organoleptic Water Quality: Health and Economic Impacts," Daniels, J.I., et.al., ASCE Conference on Resource Mobilization for Drinking Water and Sanitation in Developing Countries, San Juan, Puerto Rico, May 1987.

10. " Waterborne Infectious Agents Risk Assessment," Olivieri, A.W., et.al., Proceedings ASCE 1989 National Conference in Environmental Engineering, Austin, Texas, July 10-12, 1989.
11. Thompson, K., A.W. Olivieri et.al., " City of San Diego AQUA II Pilot Plant: Reliability Analysis," American Water Resource Association, Proceedings on Water Supply and Water Review: 1991 and Beyond, San Diego, CA, June 2-6, 1991.
12. " Aquatic Biomonitoring of Reclaimed Water For Potable Use: The San Diego Health Effects Study," de Peyster, Ann, et.al., Journal of Toxicology and Environmental Health, 39:125-146, 1993.
13. "San Diego Water Reuse Health Effects Study," Olivieri, A.W., D.M. Eisenberg, R.C. Cooper, AWWA & WEF 1994 Water Reuse Symposium, Dallas,Texas, February 27-March 2, 1994.
14. "Health Effects of Direct Potable Reuse," Olivieri, A.W., D.M. Eisenberg, R.C. Cooper, Society of America Military Engineers, Integrated Water Resources Technology conference, San Diego, CA, March 28-30, 1994.
15. "Recycled Water - A Source of Potable Water, City of San Diego Health Effects Study," Olivieri, A.W., Eisenberg, D.M., Cooper, R.C., Tchobanoglous, G.T., and Gagliardo, P. Second International Symposium on Wastewater Reclamation and Reuse, International Associations of Water Quality, Iraklic, Greece, October 17-20, 1995.
16. "An Approach to Microbial Risk Assessment," Eisenberg, D.M., Olivieri, A.W., et.al., AWWA/WEF 1996 Water Reuse Conference, San Diego, CA., February 25-28, 1996.
17. "Recycled Water - A Source of Potable Water, City of San Diego Health Effects Study," Olivieri, A.W., D.M. Eisenberg, R.C. Cooper, G.T. Tchobanoglous, and P. Gagliardo, Journal of Water and Technology, Vol. 33, No.10-11, 1996.
18. "Developing a Microbial Risk Assessment Model," Eisenberg, J. N., E. Seto, R. C. Spear, A. W. Olivieri, and K. Thompson. 1996. Society for Risk Analysis Conference, Honolulu, HI.
19. "A Microbiological Comparison of a Drinking Water Supply and Reclaimed Wastewater for Direct Potable Reuse, "Danielson, R.E., L.A. Pettegrew, J.A. Soller, and A.W. Olivieri D.M. Eisenberg, and R.C. Cooper, AWWA/WEF 1996 Wastewater Reuse Conference, San Diego, CA, February 25-28, 1996.
20. "Microbial Risk Assessment Using an Epidemiological Based Model: A Case Study of Public Health Risk of Giardiasis via Exposure to Reclaimed Water," Olivieri, A.W., J.N. Eisenberg, E.Y.W. Seto, R.C. Spear, and K. Thompson, Water Environment Federation 1997 Specialty Conference on Beneficial Reuse of Water and Biosolids, Marbella, Malaga, Spain, April 6-9, 1997.
21. "Comparative Chemical Risk Assessment of Repurified Water from an Advanced Water Treatment Facility and a Raw Drinking Water Supply," Olivieri, A.W., D.M. Eisenberg, J.A. Soller, I.H. Suffet, R.C. Cooper, J.R. Froines, and P.F. Gagliardo, Proceedings of the

American Water Works Association and Water Environment Federation Water Reuse 98 Conference, February 1-4, Lake Buena Vista, Florida, 1998.

22. "An Analysis of the Milwaukee Cryptosporidiosis Outbreak Based on a Dynamic Model of the Infection Process," Eisenberg, J.N.S., E.Y.W. Seto, J.M. Colford, A. Olivieri, and R.C. Spear, *Epidemiology*, Vol. 9, Number 3, May 1998
23. "Microbial Challenge Studies at the Aqua 2000 Research Center," Olivieri, A.W., D.M. Eisenberg, J.A. Soller, R.E. Danielson, R.C. Cooper, and P.F. Gagliardo, *Proceedings of the American Water Works Association and Water Environment Federation Water Reuse 98 Conference*, Lake Buena Vista, Florida, 1998.
24. "Microbial Removal Capabilities of an Advanced Water Treatment Facility: Quantifying the Multiple Barrier," Olivieri, A.W., D. Eisenberg, J. Soller, J. Eisenberg, R. Trussell, and P. Gagliardo, 2nd Annual University of California Water Reuse Conference, June 4-5, Monterey, CA, 1998.
25. "Estimation of Pathogen Removal in an Advanced Water Treatment Facility Using Monte Carlo Simulation," Olivieri, A., D. Eisenberg, J. Soller, J. Eisenberg, R. Cooper, G. Tchobanoglous, R. Trussell, and P. Gagliardo, *IAWQ Advanced Wastewater Treatment, Recycling and Water Reuse*, Milano, Italy, September 14-16, 1998.
26. "City of San Diego Health Effects Study of Potable Water Reuse," Olivieri, A.W., D.M. Eisenberg and R.C. Cooper, Chapter 12 pp. 521-580 of *Wastewater Reclamation and Reuse*, edited by Takashi Asano, Technomic Publishing, Co. Inc, 1998.
27. "Infectious Disease Concerns in Wastewater Reuse," Cooper, R.C., and A.W. Olivieri, Chapter 11 pp. 489-520 of *Wastewater Reclamation and Reuse*, edited by Takashi Asano, Technomic Publishing, Co. Inc, 1998.
28. "Wither the Multiple Treatment Barrier?," Sakaji, R.H., R. Hultquist, A.W. Olivieri, J.A. Soller, R. Trussell, and J. Crook, *Proceedings of the American Water Works Association and Water Environment Federation Water Reuse 98 Conference*, Lake Buena Vista, Florida, 1998.
29. "Microbial and Chemical Risk Assessment: The Relationship Between Monitoring and Modeling," Olivieri, A.W., D.M., Eisenberg and J.A. Soller, *Lyonnais des Eaux-CIRSEE, International Seminar*, May 18, 1998.
30. "Evaluation and Extension of a Framework to Assess the Human Health Risks Associated with Exposure to Pathogenic Microorganisms", Eisenberg, J.N., J.A. Soller, and A.W. Olivieri, *Proc. AWWA Int'l Symp. On Waterborne Pathogens*, 1999.
31. "Evaluation of Pathogen Risk Assessment Framework," Soller, J.A., J.N. Eisenberg and A.W. Olivieri, *ILSI Risk Science Institute*, 1999.
32. "Application of Consequence Frequency Assessment to Estimate Virus Removal in an AWT Facility," Soller, J.A., J.N. Eisenberg, A.W. Olivieri, D.M. Eisenberg, R. Trussell, and G.T. Tchobanoglous, *Proc. WEFTEC '99*, 1999.

33. "A Framework to Assess the Human Health Risks Associated with Exposure to Pathogenic Microorganisms", Eisenberg, J.N., J.A. Soller, and A.W. Olivieri, Prepared for WHO Workshop on Harmonizing the Approach to Water Regulations, Stockholm, Sweden, September, 1999.
34. "Estimation of Pathogen Removal in an Advanced Water Treatment Facility Using Monte Carlo Simulation", Olivieri, A.W., D. Eisenberg, J. Soller, J. Eisenberg, R. Trussell, and P. Gagliardo, *JWST*, Vol.40, No.4-5, pp.223-233, 1999.
35. "Microbial Risk Assessment Using Disease Transmission Models", Eisenberg, J.N., J.A. Soller, and A.W. Olivieri, 1st World Congress of the IWA, Health Related Water Microbiology Symposium, Paris, France, July 2000.
36. "Microbial TMDLs: Interpretation via Risk Assessment", Soller, J.A., A. Olivieri, K. Thompson, R. Cooper, and G. Tchobanoglous, CWEA 2000, 72nd Annual Conference, 2000.
37. "Use of Microbial Risk Assessment to Interpret a Faecal Coliform TMDL," Soller, J.A., A. Olivieri, K. Thompson, and G. Tchobanoglous, 2000 Society for Risk Analysis Annual Meeting, December 3-6, 2000.
38. "Assessment of Microbial Risk Associated with Water Contact Recreation: A Dynamic Model," Soller, J., A. Olivieri, J. Eisenberg, S. Salvia, & J. DeGeorge, Proc, AWWA/WEF Water Sources Conference, Las Vegas, Nevada, January 27-31, 2002.
39. "Microbial Risk Assessment Methodologies for Non-Potable Reuse Applications," Olivieri, A., WERF, WEFTEC 2002 Seminar #112, Chicago, Illinois.
40. "Incorporating Susceptible Subpopulations in Microbial Risk Assessment: Pediatric Exposures to Enteroviruses in River Water," Parkin, T. Rebecca, J.A. Soller, & A.W. Olivieri, *Journal of Exposure Analysis and Experimental Epidemiology* (2003) 13, 161-168.
41. "A Risk-Based Approach to Evaluate the Public Health Benefit of Additional Wastewater Treatment," Soller, J., A. Olivieri, J. Crook, R.C. Cooper, G. Tchobanoglous, R. T. Parkin, R. C. Spear, and J.N.S. Eisenberg, *Environmental Science and Technology*, (2003) 37(9).
42. Predicted Public Health Consequences of Body-Contact Recreation on a Potable Water Reservoir," Soller, J., A. Olivieri, J. Eisenberg, R. Spear, and G. Tchobanoglous, *Journal AWWA*, (2003) 95(1) 109 – 111.
43. "Characterizing the Public Health Risk from Recreating in Treated Wastewater: A Dynamic Model of Disease Transmission," Soller, J., A.W. Olivieri, R. Spear, and D. Dodge, APHA 2003 Annual Conference (Paper #35148).
44. Development of a Water Quality Model to Support a Pathogen TMDL (Newport Bay, California), DeGeorge, J., S. Grinbergs, J. Soller, A. Olivieri, and J. Eisenberg, *Water Environment Research Foundation Report, Project 99-ECO-8UR*, 2002.

45. . "Evaluation of Microbial Risk Assessment Techniques and Applications, " Soller, J. A., Olivieri, A. W., Eisenberg, J. N. S., Sakaji, R., and Danielson, R., *Water Environment Research Foundation Report, Project 00-PUM-3*, December 1, 2004.
46. "A Public Health Evaluation of Recreational Water Impairment – Newport Bay," Soller, J., J. Eisenberg, J. DeGeorge, R. Cooper, G. Tchobanoglous, and A. Olivieri , *Journal of Water and Health*, 2006, 4, (1), 1-19.
47. "Recycled Water Disinfection – How Much is Enough? – Analysis through Risk Assessment," Olivieri A.W. and Soller J., *WaterReuse 2006 Annual Conference*, march 12-14, 2006, San Francisco, CA.
48. "Application of Microbial Risk Assessment Techniques to Estimate Risk Due to Exposure to Reclaimed Waters," Soller , J, Seto, E., and Olivieri A.W., *WaterReuse 2007 Annual Conference*, March 4-7, 2007, Palm Springs, CA.
49. "Health Risk Analysis in Water Reuse Applications – Microbial Risk Assessment: Chapter 5, " Olivieri A.W. and Soller J. in *Water Reuse – Issues, Technologies and Applications*, Asano T. et.al. McGraw Hill, New York, 2007.
50. "Application of Microbial Techniques to Estimate Risk Due to Exposure to Reclaimed Water," Olivieri, A.W., and Seto, E., *WaterReuse Report, WRF-04-011*, 2007.
51. "Development of a Protocol for Risk Assessment of Microorganism in Separate Stormwater Systems," Olivieri, A.W., Boehm, A., Sommers C., Soller J.A., Eisenberg, J.N.S., and Danielson, R.E., *Water Environment Research Foundation, WERF 03-SW-2*, 2007.
52. "Assessing Risk of Pathogens in Separate Stormwater Systems," Olivieri, A.W. and C. Sommers, *WERF Fact Sheet*, 2007.
53. "Microbial Risk Assessment Interface Tool: User Documentation," Soller J.A., Seto, E., and Olivieri, A.W., *Water Environment Research Foundation, WERF 04-HHE-3*, 2007.
54. "Risk Analysis for Reclaimed Water," Olivieri, A.W., *CWRA 2008 Workshop*, San Francisco, CA.
55. *Quantitative Microbial Risk Assessment for Recreational Exposure in Northern California Receiving Waters*, Olivieri, A.W., Danielson, R.E., Seto, E., Shidell, V., and Pirondini, T., *Poster, 8th NWQMC*, Portland, Oregon, May 2012.
56. *Quantitative Microbial Risk Assessment for Recreational Exposure in Norethrn California Receiving Waters*, Olivieri, A.W., Danielson, R.E., Seto, E., Shidell, V., and Pirondini, T., *Poster, ASM 112th General Meeting*, San Francisco, CA, June 2012.
57. *Monitoring Microbial Pathogens and Conducting Relative Microbial Risk Assessments*, Danielson, R.E., Olivieri, A.W., Seto, E., and Pirondini, T., *WaterReuse California Conference*, Monterey CA, March 2013.

58. Monitoring Microbial Pathogens and Conducting Relative Microbial Risk Assessments, Olivieri, A.W., Danielson, R.E., Seto, and Pirondini, T., Presentation, AWWA Water Quality Technology Conference, Long Beach, CA, November 2013.
59. Risk Based Review of California's Water Recycling Criteria for Agricultural Irrigation, Olivieri, Adam W., Seto, Jean-François Edmund, Cooper, R.C., Cahn, Michael D., Colford, John, Crook, James, Debroux, Mandrell, Robert, Suslow, Trevor, Tchobanoglous, George, Hultquist, Robert, A., Spath, David, and Mosher, Jeffrey, J., ASCE (under review).

WATER QUALITY & ENVIRONMENTAL ENGINEERING

1. "San Francisco Bay Shellfish Program," Jarvis, F.E., M.J. Ammann and A.W. Olivieri, presented at AAS Pacific Division, June 23-26, 1980.
2. Guidelines for the Control of Septic Tank Systems," Olivieri, A.W., R.J. Roche and G.L. Johnston, in Proceedings of the ASCE National Conference on Environmental Engineering, July, 1979.
3. "Guidelines for Control of Septic Tank Systems," Olivieri, A.W., R.J. Roche and G.L. Johnston, J. Env. Eng. Div., ASCE, Vol. 107, 1981.
4. " Direct Potable Reuse of Reclaimed Wastewater: Preliminary Results of Five Year Study," Cooper, R.C., et.al., Poster at 1989 ASM Annual Meeting, New Orleans, La., May 14-18, 1989.
5. " Study of Direct Potable Reuse of Reclaimed Wastewater: Preliminary Results," Olivieri, A.W., et.al., Proceedings ASCE 1989 National Conference in Environmental Engineering, Austin, Texas, July 10-12, 1989.
6. " Alameda County Non-Point Source Action Plan," Olivieri, A.W., APWA Nonpoint Source Workshop, Oakland, Ca, May 25, 1988.
7. " Wastewater Reuse," Olivieri, A.W., et.al., Application of U.S. Water and Air Pollution Control Technology in Korea, KEPA & USTDP Conference, Seoul, Korea, March 21-24, 1989.
8. " Overview of U.S. Water Pollution Control Technologies," Olivieri, A.W., D.M. Eisenberg, and R.C. Cooper, Application of U.S. Water and Air Pollution Control Technology in Korea, KEPA & USTDP Conference, Seoul, Korea, March 21-24, 1989.
9. " Study of Direct Potable Reuse of Reclaimed Wastewater: Preliminary Results of A Five Year Study," , Olivieri, A.W., et.al., Proceedings ASCE 17th National Water Resources Conference, Optimizing The Resources for Water Management, Fort Worth, Texas, April 17-20, 1990.
10. " If You Don't Want It In The Bay, We Can Use It Here," Olivieri, A.W. et.al., WateReuse Association of California Symposium VII, San Diego, CA. October 13-15, 1993.

11. " City of San Diego Study of Potable Reuse of Reclaimed Wastewater: Final Results," Thompson, K., Olivieri, A.W., e.al., Proceedings ASCE 1992 Environmental Engineering Water Forum (Saving A Threatened Resource - In Search of Solutions, Baltimore, Maryland, August 2-6, 1992.
12. " The San Diego Aquaculture Reuse Facility Health Effects Study," Thompson, K., Olivieri, A.W., et.al., AWWA 1990 Annual Conference Proceedings, Cincinnati, Ohio, June 17-21, 1990, p1503-1511.
13. "Heavy Metal Contaminants in the Municipal Wastewater Stream - Sources and Potential for Additional Regulation," Goebel, R.G., A.W. Olivieri, D.M. Eisenberg, H. Farnham, Water Pollution Control Association 1990 Annual Conference, Honolulu, Hawaii, February 8-9, 1990.
14. "City of San Diego AQUA II Pilot Plant: Reliability Analysis," Thompson, K., Olivieri, A.W., et.al., American Water Resource Association, Proceedings on Water Supply and Water Review: 1991 and Beyond, San Diego, CA, June 2-6, 1991.
15. " City of San Diego Study of Potable Reclaimed Wastewater: Final Results," Thompson, K., Olivieri, A.W., et.al., NWSIA 1992 Biennial Conference, Newport Beach, CA, August 23-27, 1992.
16. "City of San Diego Study of Potable Reuse of Reclaimed Water," Thompson, K, Olivieri, A.W., Eisenberg, D., Cooper, R.C., Danielson, R.E., and Pettegrew, L.A., 1992 national Conference on Environmental Engineering.
17. " City of San Diego Study of Direct Potable Reuse of Reclaimed Water: Final Results," Thompson, K., Olivieri, A.W., et.al., American Water Works Association, Annual Conference, Vancouver, B.C., June 18-22, 1992.
18. "City of San Diego Potable Reuse of Reclaimed Water: Final Results," Thompson, K, Cooper, R.C., Olivieri, A.W., Eisenberg, D., Pettegrew, L.A., Desalination (DSLNAH), Volume 88, No. 1-3, October 1992, p201-214.
19. "Upgrading Wastewater Treatment Pond Effluent For Unrestricted (Nonpotable) Reuse," Eisenberg, D., A.W. Olivieri, T. Hall, J. Addeo, M. Stanek, 2nd IAWQ International Specialist Conference on Wastewater Stabilization Ponds and The Reuse of Pond Effluents, November 30th through December 3, 1993, University of California, Berkeley.
20. "Modeling the Fate of Copper Discharged to San Francisco Bay," Chen, C.W., D. Leva, A. Olivieri, Journal of Environmental Engineering, Vol. 122, No. 10, October 1996.
21. "Membrane: An Alternative to Disinfection," Gagliardo, P. Adham, SS., Trussel, R.R., Olivieri, A.W., Najim, I.N., and Richardson, T., WEF Specialty Conference on Disinfecting Wastewater for Discharge and Reuse, Portland, Oregon, March 1996.
22. "Removal of Microorganisms by an Advanced Water Repurification System," Adham, SS., Gagliardo, P., Trussel, R.R., Olivieri, A.W., Najim, I.N., and Richardson, T., AWWA-Water Quality Technology Conference, Boston, MA, November 1996.

23. "An Evaluation of Virus and Parasite Removal by Advanced Wastewater Treatment for In-Direct Potable Reuse," Danielson, R.E., Olivieri, A.W., Cooper, R.C., Gagliardo, P., AWWA-Water Quality Technology Conference, Boston, MA, November 1996.
24. "Membranes as an Alternative to Disinfection," Gagliardo, P.F., Adham, S.S., Trussell, R.R., Olivieri, A.W. AWWA 1997 Annual Conference, Atlanta, Georgia, June 15-19, 1997.
25. "Reliability Analysis of an Advanced Wastewater Treatment Facility," Eisenberg, D.M., A.W. Olivieri, J.A. Soller, P.F. Gagliardo, proceedings of the 1998 ASCE National Environmental Engineering Conference, Lake Buena Vista, Florida, 1998.
26. "A Methodology to Evaluate Water and Wastewater Treatment Plant Reliability", Eisenberg, D., J.A. Soller, R. Sakaji, and A. Olivieri, IAWQ 3rd International Symposium on Waste Water Reclamation, Recycling, and Reuse, Paris, France, July 2000.
27. "TMDL as a Regulatory Process: Conducting the Copper and Nickel TMDL in South San Francisco Bay," Olivieri, A.W., T.W. Hall, D. Bruinsma, R. Hoenicke, T. Mumley, and T. Grieb, Watershed 2000 Specialty Conference, Vancouver, B.C., July 9-12, 2000.
28. "A Methodology to Evaluate Water and Wastewater Treatment Plant Reliability", Eisenberg, D., J.A. Soller, R. Sakaji, and A. Olivieri, *Water Science & Technology*, Vol. 43, No10, 2001.
29. "Evaluation of an Integrated Membrane System for Water Repurification," Gagliardo, P., S. Adham. A. Olivieri, and R. Trussel, *Water Science & Technology*, Vol. 43, No. 10, 2001.
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