

Jesse Sol Shapiro

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Summary

- 20 years of experience in the Water, Sanitation, and Hygiene (WASH) sector including policy and strategy development, program design and implementation, monitoring and evaluation (M&E), compliance, research, construction, environmental remediation.
- 16 years of experience providing technical advisory to government, utilities, and the private sector covering water, sanitation, water resources management (WRM), cholera control, and lead mitigation.
- 13 years of experience in management of annual budgets up to \$10 million, staffing up to 40 people, and construction, private sector engagement, policy development, utility reform, behavior change, and M&E.
- Considerable skills and experience in engineering, sustainability, development, and health.
- 20 years of experience in residential construction and property management.
- Fluent verbal and written communication skills in English and Tetum. Basic knowledge of Spanish.
- M.S. in Civil Engineering with a concentration on water and sanitation for development; Graduate Certificate in Sustainability; and B.A. in Mechanical Engineering.

Experience

Arizona Water Settlements Act (AWSA) Manager | New Mexico Interstate Stream Commission (ISC)
Santa Fe, NM | Oct 2025 – Present

- Manage the \$134 million dollar New Mexico Unit Fund including its investments and funding cycles.
- Manage a team of three people and stakeholder relationships.
- Provide oversight and technical assistance in the development, funding, and implementation of a portfolio of over 14 rural drinking water and irrigation projects.

Environmental Health Team Lead and Senior WASH Advisor | United States Agency for International Development (USAID) Washington, DC | Jul 2012 – Sept 2025

- Managed WASH portfolio of \$6.5 million/year and team of 6 staff.
- Provided technical assistance to more than 20 USAID country Missions for their water and sanitation portfolio management, project design, construction, M&E, compliance, utility support, and supervision.
- Developed, facilitated, and managed agency capacity building, research, and coordination initiatives such as WASH training, workshops, learning tools, cholera control, lead mitigation, and suite of research studies.
- Led and managed USAID contracts and cooperative agreements including Water, Sanitation, and Hygiene Partnership for Learning and Sustainability (WASHPaLS), WASHPaLS #2, URBAN WASH, and others.

Construction and Property Manager | Self
Santa Fe and Albuquerque, NM | 1995 – Present

- Managed up to 7 properties including leasing, maintenance, rent collections, and payments.
- Supervised and participated in the construction and remodeling of more than 10 homes.

Water and Sanitation Advisor | Pacific Technical Assistance Mechanism (PACTAM)
Majuro and Ebeye, Marshall Islands | Jun. 2011 – Apr. 2012

- Provided WASH technical advisory to the utilities of Majuro Water and Sewer Company (MWSC) and Kwajalein Atoll Joint Utility Resources (KAJUR) for comprehensive reform agenda including tariffs and marketing, performance monitoring, organizational and capital improvement, and establishment of standard operation and maintenance systems.
- Led the development of the National Water and Sanitation Policy.
- Implemented a water quality surveillance program with the Environmental Protection Agency (EPA).

Water Supply and Sanitation Program Advisor | International Development Support Services (IDSS)
Dili, East Timor | Nov. 2008 – Mar. 2011

- Led the development and scaling-up of the National Sanitation Policy and a national sanitation.
- Provided technical assistance to the Ministry of Health, Ministry of Infrastructure, the private sector, and sector partners.

District Water, Sanitation, and Hygiene (DWASH) Program Development Advisor | CDM

Dili, East Timor | Nov. 2008

- Developed initial workplan for a 5-year \$20 million dollar water and sanitation program.

Emergency Water, Sanitation, and Hygiene Cluster Preparedness Advisor | UNICEF

Dili, East Timor | Sep. – Oct. 2008

- Developed a national disaster risk and emergency preparedness plan for water and sanitation.

Department of Water and Sanitation IDP Advisor | Oxfam

Dili, East Timor | May 2007 – Oct. 2008

- Provided leadership and advisory to the Department of Water and Sanitation and the emergency water and sanitation sector for emergency response and recovery programs related to the Internally Displaced Peoples (IDP) crises of 2007-8, including strengthening the capacity of the government, coordination, and implementation of WASH emergency response activities such as construction of infrastructure.

Water and Sanitation Emergency Program Manager | Plan International

Dili, East Timor | Nov. 2006 – May 2007

- Managed a WASH program across 14 IDP camps in cooperation with water utilities while supervising more than 40 staff in the construction and maintenance of water supply and sanitation facilities.

Water and Sanitation Project Manager | Triangle Generation Humanitaire

Laleia, East Timor | Aug. 2006 – Nov. 2006

- Managed a WASH program in 3 rural villages including supervision of 12 staff and 1 sub-contractor for the drilling and equipping of three wells and construction and operation of the distribution systems.

Water and Sanitation Specialist | U.S. Peace Corps

Baucau, East Timor | Jul. 2005 – May 2006

- Provided organizational development to more than 50 Community Based Organizations/Non-Governmental Organizations (NGOs) in three districts including field-based WASH training for NGOs.

Education and Training

***Master of Science in Civil Engineering* | Michigan Technological University**

Houghton, MI | Apr. 2008

- Research and courses in participatory development including Participatory Rural Assessment (PRA) techniques, as well as water supply, health, sanitation, and policy. Research thesis focused on participatory rural development and provided a case study of three water, sanitation, and hygiene projects in East Timor.

***Graduate Certificate in Sustainability* | Michigan Technological University**

Houghton, MI | June 2005

- Courses in sustainable development, environmental health, resource management, and social marketing.

***Bachelor of Science in Mechanical Engineering* | University of New Mexico**

Albuquerque, NM | Dec. 2003

- Senior project included market analysis, design and prototyping of multi-utility mechanic's creeper.

Relevant board and committee participation:

SaniPath advisory board 2016-2019, African Sanitation Task Force 2017-2019, Chair Sanitation Working Group 2012-2020.

Relevant Training:

USAID Programming Foreign Assistance; USAID Acquisition and Assistance Management for COR/AOR's Level I & II; USAID Life of Project Environmental Compliance and Environmentally Sound Design and Management; Phoenix training; USAID WASH training; Public Financial Management and Public Accountability; Governance in Urban Sanitation; Community Led Total Sanitation (CLTS) Training of Trainers; CLTS facilitator training, Being an Oxfam Supervisor; and Oxfam WASH in Emergencies.

Relevant Conferences:

Stockholm World Water Week, 2014-2019; AfricaSan, 2015; Fecal Sludge Management 3, 2015; University of North Carolina Water & Health Conference 2012, 2014-2019, 2024; Gates Foundation Reinvent the Toilet Fair, 2012 & 2014; Africa Water Week, 2014; East Africa Regional CLTS Conference, 2013; WHO World Health Assembly, 2010; East Asian Regional CLTS Conference, 2009.