

## KENNETH E. LYKENS JR., P.E.

### EDUCATION

- M.S.F. Masters of Finance – Denver University, Daniels College of Business, 2002
- B.S. Chemical Engineering & Petroleum Refining, Colorado School of Mines, 1990

### WORK SUMMARY

Engineer with sixteen years of experience in engineering; environmental, health, and safety (EHS); and water utility management. Experience primarily consists of project management associated with water utility operations and maintenance, contract management, facility construction and upgrades, preparation of permit applications, industrial hygiene, incident investigation, data management, water and energy conservation audits, and cost/benefit analysis. Experience also includes working with local, State, and Federal regulators on a wide variety of regulatory compliance issues.

### PROFESSIONAL EXPERIENCE

#### **MWH Americas, Inc.**

*Principal Engineer, 2005 - present*

Responsible for business development, client service, and technical project support for a variety of water and wastewater clients in Colorado. Conducted conformance and performance testing for a new UV disinfection system, installed as part of a Wastewater Treatment Plant expansion.

#### **Denver Water**

*Industrial Water Conservation Engineer, 2003 - 2005*

Managed Denver Water's Commercial/Industrial Conservation Program. This program involves working with Denver Water's largest customers to make their water usage as efficient as possible. Under this program, Denver Water has incentive contracts with refineries, wastewater plants, major manufacturing facilities, food-processing plants, and many others, to financially reward them for making capital improvements that save water. Responsibilities in this position include presentations on the program to a variety of business groups, water audits, designing a cooling tower conservation program, cost/benefit and payback analysis, contract negotiation and administration, public relations, and supervision of the Conservation Section staff.

Responsible for updating the conservation aspects of Denver Water's Integrated Resource Plan (IRP), and quantifying all of the savings associated with historical conservation programs.

*Environmental Compliance Officer, 1993-2003*

Responsible for the management of Denver Water’s Environmental Compliance section. Major areas of responsibility for this section included project management, hazardous and industrial waste management, recycling, air and water discharge permits, contingency planning for various facility emergencies, process safety management, facility audits, employee training, and industrial hygiene. Responsibilities also included managing contractors and subcontractors, and representing Denver Water in a wide variety of environmental projects. The Environmental Compliance Section provides 24/7/365 on-call service for all of Denver Water’s operations, which include reservoirs, hydro-turbines, treatment plants, pump stations, utility vaults, maintenance facilities, and numerous trade shops.

**Science Applications International Corporation (SAIC), 1990 - 1993**

Project manager for a contract to provide site characterization and decontamination activities for mercury-contaminated facilities. Technical work involved the development of Health and Safety Plans, Decontamination Plans, and Sampling and Analysis Plans. Responsibilities included the day-to-day coordination of subcontractors, performing the decontamination work, marketing, proposal development, contract progress presentations, and monitoring the overall project schedule and budget.

Participated in a project at the Rocky Flats Plant to identify, define, and analyze past and present operating processes. This project analyzed the Rocky Flats Plant from three different levels of detail: the entire plant, various plant functions, and process by process. For each of these levels of detail, generation rates and operational emissions were determined on a yearly basis. Responsibilities included preparation of a large portion of the process descriptions, and integrating the mass balance and operational emission information.

**Evergreen Analytical, 1989 – 1990**

Laboratory technician responsible for environmental sample preparation prior to GC/MS analysis.

**COMMITTEES/AFFILIATIONS**

Colorado Water Congress – Governmental Affairs Committee Member	2006 - present
Colorado Foundation for Water Education – Board Member	2005 – present
Institute for Environmental Solutions – Associate	2004 - present
Colorado Water Utility Council – Secretary	2003 - 2005
DOE Saving Water 2003 Seminar – Planning Advisor	2003
Water Treatment Residual Conference - Chairman	2001-2002
Colorado Water Utility Council – Board Member	1999 - 2003
Denver Water Credit Union Supervisory Committee Chairman	1999 – 2003
Denver Water’s Industrial Hygiene Committee - Chairman	1999 - 2003
Water Environment Association Biosolids Committee	2000 -
2003	

Chlorine Institute – Designated Utility Contact 2002	1998 -
Denver Water’s Employee Safety Committee – Chairman	1996 - 1998
Denver Metro Chamber of Commerce Environmental Committee	1994 - 1997
American Water Works Association (AWWA) Hazardous Materials Committee	1993 - 1995

**TRAINING/CERTIFICATIONS**

Leadership Program of the Rockies	2005 - Present
AWWA Micro MBA	February 2004
Puckorius & Associates Boiler Water and Pretreatment Technology	December 2003
Puckorius & Associates Cooling Water Technology	December 2003
Conversational Spanish for Professionals	1997 - 2002
Franklin Covey Project Management Training February 2003	
Radiation Safety Training	January 2001
Clean Air Act Compliance Institute	April 1999
Media Relations Training	February 1998
Professional Engineer License	July 1997
Advanced Hazardous Waste Management	1997 & 2000
Certificate in Environmental, Health and Safety Law	July 1996
8-Hour Occupational Safety & Health Administration (OSHA) Refreshers	1992 -1999