

# JON E. LAM, P.E.

256 White Deer Run  
Makanda, IL 62958  
(618) 549-6871 (Home)  
(618) 967-5906 (Cell)

## EDUCATIONAL BACKGROUND

- **SOUTHERN ILLINOIS UNIVERSITY**, Carbondale, IL, 1976 - 1978  
Bachelors of Science - Thermal and Environmental Engineering
- **John A. Logan Community College**, Carterville, IL, 1974 - 1976  
Associate of Science - Pre-Engineering

## PROFESSIONAL CERTIFICATION

- Registered as a **Licensed Professional Engineer** #062-041512, State of Illinois (1984)

## PROFESSIONAL EXPERIENCE

### **Illinois Environmental Protection Agency**

February 1979 – Present

Bureau of Water Division of Public Water Supplies

*Environmental Protection Engineer*

Presently the Lead Engineer for the Marion, IL Regional Office that oversees 184 public water supplies in a 22 county area. Scope of responsibility includes: Performing comprehensive engineering evaluations of Public Water Systems; Developing detailed correspondence to water system owners and official custodians; Provide Agency related training to staff; Review and Oversight of Engineering Evaluations done by Public Water Supply staff within the Marion Regional Office; Providing technical assistance to Water System Operators, Officials, and Consulting Engineers; Making presentations to Councils, Boards, State Potable Water Operator Associations and Civic Organizations; Providing technical support for other Agency Sections such as Permits, Compliance, and Legal Counsel; Responding to water system emergencies; Participating in Regional Manager meetings; Providing training to Water Operators and Water Officials through personal visits and conference/seminar presentations; Responding to consumer complaints; Maintaining and improving personal skills through attendance at Engineering Training and Management/Leadership Seminars.

- Chaired a Team of Regional Managers that planned and developed the first statewide Divisional Engineering Evaluation Format that is being used for Public Water Supply Engineering Evaluations. This format provides a comprehensive inventory of water system components that gives the Agency uniformity in reports and offers Water System Officials an ability to do a “Self-Evaluation” prior to the Agency inspection.

- Served on a Team that developed an Electronic Database for the Engineering Evaluation Format.
- Served on an Agency Committee that developed Electronic Evaluation and Permit capabilities as a second phase of the Agency Compliance and Enforcement System.
- Served as a trainer to Agency personnel in a developing Electronic Format for the Agency Compliance and Enforcement System.
- Served as one of the first Agency responders to the Katrina disaster working to evaluate and establish initial needs for providing and maintaining potable water to people in the neighboring parishes as well as consulting with responders to the New Orleans water treatment plant.

## **WORK RELATED TRAINING**

### **US Department of Homeland Security – FEMA**

- Critical Infrastructure and Key Resources Support Annex (IS-00821, May 2010)
- National Response Framework, An Introduction (IS-00800.b, April 2010)
- Intermediate Incident Command Systems (ICS 300, January 2008)
- National Response Plan (NRP), An Introduction (IS-00800.A, September 2007)
- ICS for Single Resources and Initial Action Incidents (IS-00200, August 2007)
- National Incident Management System (NIMS), An Introduction (IS-00700, September 2006)
- Introduction to the Incident Command System, ICS 100 (IS00100, September 2006)

### **Hazardous Waste Operations and Emergency Response Training**

- 40 Hour Site Worker Training (2002)
- 8 Hour Site Worker Refresher (Yearly 2003 – Present)

### **Spills of National Significance (SONS) Training – (2007)**

### **Practical Alternative Disinfectants (Illinois Section AWWA – June 2001)**

### **Capacity Development (Illinois Section AWWA – January 2001)**

### **Coliform and Bacteria (Illinois Section AWWA – July 2000)**

### **Biological Mediated Water Quality Deterioration – Microorganisms of Concern in Water Treatment and Distribution (Illinois Section AWWA – April 1996)**

### **Family Protection Program Train-the-Trainer (Illinois Emergency Management Agency – October 1994)**