

Michael Ramos is a licensed engineer in the City of Chicago. He is also a certified HVAC technician by the Environmental Protection Agency. He is currently a Chief Building Engineer with the Chicago Public Schools (CPS) at Von Steuben High School.

Michael has extensive experience in electrical engineering, direct digital control (low voltage automation), building automation and HVAC.

It was with this extensive background in engineering logistics that Michael was able to create a solution to lead in all potable water sources and thus "NOAH" was born.

"Noah" is an innovative technology that updates the current platform from manual flushing to automated for water mitigation efforts.

This new technology removes the element of human reliance, as a pre-programmed automated flushing device, "Noah" will stay ahead of stagnation and ensure that the corrosion control application is applied and maintained on a pre-set timing sequence.

Noah is currently utilized at the CPS headquarters, three (CPS) schools Von Steuben, Orr and Onahan. Noah is also implemented at the City of Chicago's Jardin Water Purification Plant and is also being utilized in numerous residential homes in the Chicagoland area.

Michael's work in lead mitigation is gaining recognition in various cities across the country with acknowledgements in and with the Water Equity Conference hosted by Public Health Advocates in Sacramento, CA. Noah has been presented in webinars such as "Let's Tackle Public School Drinking Water Safely" hosted by National Drinking Water Alliance, "Guidance on Mitigation" hosted by Environmental Defense Fund (EDF), School & Childcare Facility Lead Sampling Programs hosted by I20 Water Audit.

Michael was interviewed in Chicago Health Magazine and featured in The Seattle Times as "Chicago may have an answer."

Michael aspires to raise awareness of this innovative approach to lead mitigation and eradicating lead and copper in our drinking water.

"Noah if properly utilized per its intent is a lifesaving tool for all to benefit for generations to come."

Michael Ramos

Michael aspires to continue his work in lead mitigation efforts as well as develop a new platform for energy efficiency in aged or outdated infrastructures utilizing today's technology.

MICHAEL RAMOS
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CAREER PROFILE

Proactive professional with over 30 years of experience with a proven knowledge of capital projects, facilities and computer-aided design. Professional record of accomplishment, with extensive experience in commercial HVAC, both DDC and pneumatic building automation controls and high-pressure water systems. Demonstrated and proven ability in training, evaluating, and managing successful maintenance teams. Vast knowledge in identifying, repairing, troubleshooting all building automation equipment. Resourceful in critical thinking, strategic planning, problem solving, and communication in all areas of facilities.

WORK EXPERIENCE

Chicago Public Schools/ Aramark, Chicago, IL (1998-Present)
Chief Engineer

Manage all areas of internal operations including maintenance and repairs of HVAC equipment, plumbing, electrical, elevators, refrigeration, generators, fire alarm and sprinkler systems.
Owners Representative for over \$40M of CPS capital construction projects through multiple levels/phases to completion. Generated scope and issued work orders for all contracted repairs, manage contractors relating to all facility work required at site.
Design and implement schedule/logs for preventative maintenance
Maintain computer networks

EDUCATION

Triton College, Chicago, IL
(2016)

National Home Inspection Licensing (RES-E35)

Westside Technical Institute, Chicago, IL (1998)
Direct Digital Control H VAC/ Building Automation
Chief Engineering H VAC/ Management
Basic Electric Electrical Engineering

City Colleges, Chicago, IL (1991)
Stationary Engineering Mechanical Engineering

Coyne College, Chicago, IL
(1988)
Basic Refrigeration

CERTIFICATIONS & LICENSES

National Swimming Pool Foundation, Chicago, IL (2017)
Certification Public Health & DDC Control

Environmental Protection Agency, Chicago, IL (2012)
Universal Tech Certify HVAC
Stationary Engineer

Basic Refrigeration
Basic Electric / Electrical Engineering