

(4) ATS
50814

STEPHEN S. CORDA, P.E.

31 Bullard Street; Holliston, MA 01746

508-429-5619

ACHIEVEMENTS

Twenty-one years of effective management, municipal, engineering, project, and manufacturing experience. My strongest qualities are working effectively with people and getting the job done. During my career I have obtained a patent, four publications, a GTE Superior Performance Award, Massachusetts operator certifications in water and wastewater and the earned title of Registered Professional Engineer in Massachusetts.

SUMMARY

Management - Successfully managed up to 20 people in municipal, engineering, construction, manufacturing and R&D environments. Initiate, implement, and nurture staffing plans with a positive team building philosophy. Proactively establish and maintain project planning, costing and scheduling. Work effectively with all levels of private and government personnel, contractors and consultants. Develop and carry out short and long term capital and operation plans and budgets, prepare and make presentations, encourage general and "brainstorming" discussions, prepare and participate in high level management and technical reviews and have a hands on approach to management.

Project management - Successfully manage design, construction, consulting, R&D, and manufacturing projects ranging in value up to \$45M and totaling about \$70M.

Engineering - Municipal infrastructure design, general design, heat transfer, fluid flow, injection molding, welding, metal stamping, structural analysis, material and process specifications, problem resolution, and the preparation, review and evaluation of bid documents and proposals.

Manufacturing - Cost and labor reduction via design simplification, commonality of size, process improvements, semi-automation and automation. Performed trouble shooting of various mechanical operations and processes. Staffing requirements and the development of standard manufacturing procedures.

EXPERIENCE

Sewer Program Coordinator

**Town of Holliston
Holliston, MA**

1997 to Present

Responsible for the development, state approval, design, construction and implementation of a \$45M wastewater collection, treatment and disposal system for the Town of Holliston. This project includes a wide range of communication and coordination with Holliston residents, boards, commissions, committees and departments and outside entities such as DEP, USEPA, Charles River Watershed Association, various land trusts, Charles River Pollution Control District and the Towns of Franklin and Medway. Additional responsibilities include the establishment of a program office to meet the short-term goals and objectives of the Town. The development of policies, procedures, staffing and equipment needs to operate and maintain the wastewater system being implemented. Oversee the consulting engineer hired to assist the Town in planning, state approval, design and construction of this state-of-the-art wastewater system that needs to meet new environmental requirements established by the regulatory agencies. I currently manage one person, our consulting firm and the wastewater treatment plant service provider.

**Manager of Engineering &
Program Development**

**Cambridge Water Department
Cambridge, MA**

1991 to 1997

Responsible for capital projects and new program development which includes long range planning and proactive monitoring of water main replacement, treatment plant improvements, equipment and facilities. These projects total about \$14 million over five years. Assist in the justification, design and construction of a state-of-the-art treatment plant valued at about \$60M planned to be operational in 1999. Establish an engineering function at the Water Department to support all treatment, distribution and watershed activities. This includes system modeling, data base development, construction, material specifications, bid documents, maps, records and permitting. Develop engineering, cross connection, leak detection, safety, automatic meter reading (AMR) programs, department liaison and GIS steering committee representative. Assist in maintaining compliance with federal, state and local regulations. Enhance cooperation between city departments, agencies and others such as DEP, MWRA, MDC, Com Gas, Com Electric, NYNEX and cable. I managed five people.

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EXPERIENCE
(Cont.)

Operations Manager

Yardney Technical Products, Inc.
Waltham, MA

1989 to 1991

Responsible for the Li/SO₂ battery Project, a \$70 million five-year contract with the US Army. This included specifications, quoting, planning, monitoring, installation, startup, staffing and operation of a fully automated cell and battery assembly line. I prepared and submitted the winning manufacturing proposal and initiated this project.

**Manufacturing Manager/Project Manager/
Project Engineer**

GTE/Whittaker Corporations
Waltham, MA

1980 to 1989

Directed all standard cell production, new product development, equipment, material flow, facilities and model shop activities with a teamwork approach. Heavily involved in cost reduction, producibility, and automation efforts on our present and future lines of lithium batteries. Interfaced directly with customers, vendors, corporate personnel and contributed significantly to cost and technical proposals. Responsible for projects totaling about \$10M. I managed 20 people.

Analytical Engineer

United Technologies Corporation
Pratt & Whitney Aircraft
East Hartford, CT

1978 to 1980

Heat transfer and fluid flow computer simulation of gas turbine engines. Engine data was used to match the finite element model that ultimately predicted cycle life of various engine components.

Mechanical Draftsman

N.F. Laurence & Associates
Northboro, MA

Summer 1977

Performed heating/cooling load calculations and air handling system design and drafting.

**PROFESSIONAL
DEVELOPMENT**

Registered Professional Engineer, MA # 33686; Certified Backflow Prevention Device Tester, MA # 31377; Grade IV Certified Water Treatment Plant Operator, MA # 4825; Grade IV Certified Water Distribution System Operator, MA # 4411; Grade 6-C Certified Wastewater Operator, MA # 9752; Completed the following training, courses or programs: MetroWest Leadership Academy, The Results Oriented Manager, Technical Writing, Effective Public Speaking, the Deming Quality, Productivity and Competitive Position Seminar, Time Management, Pumps and Pumping, Confined Space Entry; Familiar with the following software: Microsoft Office 97-Professional Edition (Word, Excel, PowerPoint and Access), Word Perfect, Lotus 1-2-3, Town of Holliston MUNIS system and City of Cambridge VAX; Chairperson - Holliston Sewer Designer Selection Committee.

**PROFESSIONAL
SOCIETIES**

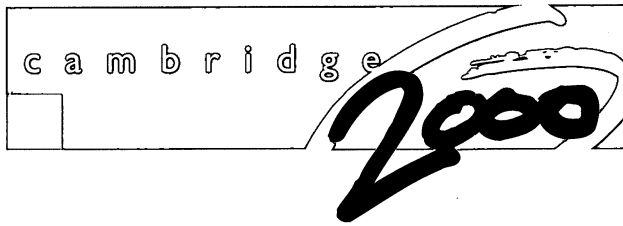
Water Environment Association (WEA), New England Water Environment Association (NEWEA), New England Water Works Association (NEWWA), American Water Works Association (AWWA), Massachusetts Water Pollution Control Association (MWPCA)

EDUCATION

B.S.M.E. - University of Massachusetts, Amherst, MA - May 1978.
College Preparatory - Wellesley Senior High School, Wellesley, MA - June 1974.

PERSONAL

Excellent health, married with four children, coach youth basketball and soccer, enjoy skiing and running. My nickname is "Sam".



15.

CITY OF CAMBRIDGE • EXECUTIVE DEPARTMENT

Robert W. Healy, City Manager Richard C. Rossi, Deputy City Manager

February 14, 2000

To The Honorable, The City Council:

I am pleased to inform you that I have appointed Stephen Corda as Managing Director of the Cambridge Water Department effective March 6, 2000.

Attached is Mr. Corda's resume for your information.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert W. Healy". The signature is fluid and cursive, written over a light background.

Robert W. Healy
City Manager

RWH/mec
Attachment



2000 Things 2 Do in 2000

Consent Agenda #15

36A

Relative to the appointment
of Stephen Corda as the
Managing Director of the Cambridge
Water Department effective
March 6, 2000.

In City Council February 14, 2000

PLACED ON FILE