



City of Rochester Hills
CANDIDATE QUESTIONNAIRE

NAME Samuel Seabright COUNCIL DISTRICT 2

DATE 04/08/2015 ROCHESTER HILLS RESIDENT FOR 38 YEARS

OCCUPATION Retired Professional Engineer and Manager

INTERESTS/REASONS/QUALIFICATIONS

Extensive experience with construction, environmental cleanups, hazard protection; planning, budgeting, training, implementation.

BOARDS/COMMISSIONS/COMMITTEES ON WHICH YOU HAVE SERVED (LIST MUNICIPALITIES AND DATES)

Rochester Hills: Economic Development Commission, current
Auburn Hills: Fire Department, Chairman Strategic Planning Committee, 2000-2002
Oakland County: Solid Waste Comm and Local Environmental Protection Comm, 1993-2002

ELECTIVE OFFICES THAT YOU HAVE HELD

None

OTHER ORGANIZATIONS

AIAG (American Industry Action Group), Health and Safety Steering Committee
OESA (Original Equipment Supplier Association) Environmental Health and Safety Council
Great Lakes WREE (Waste Reduction and Energy Efficiency) Planning Committee and speaker

PERTINENT EDUCATION

BSME, University of Detroit
MS-ME courses, Wayne State University
MBA courses, University of Detroit

HOBBIES/INTERESTS

Woodworking, home repairs
OPC Vintage Views writer, layout and proofing

ADDITIONAL INFORMATION

See attachment

Be sure to complete both pages of this form before submitting.
Return to Page 1 for submission instructions.

SAMUEL A. SEABRIGHT, P.E.

RETIRED Professional Engineer in Michigan and other states

VOLUNTEER, OLDER PERSONS COMMISSION

Editor, writer and proofreader for Vintage Views newsletter; member of Fireside Poets group

2006-present
Rochester, MI USA

MANAGER, ENVIRONMENTAL AFFAIRS AND TECHNICAL SAFETY
SIEMENS AUTOMOTIVE CORPORATION

1990-2006
Auburn Hills, MI USA

Coordinated Environmental, Health and Safety (EHS) activities for 40 automotive component manufacturing facilities in North and South America, Asia and Australia. Was the Corporate Compliance Officer for EHS issues, including environmental activities, construction review and fire code compliance. Performed environmental training (for example, spill drills) and organized international conferences. Advised other Siemens divisions on EHS issues. Was an active member of several Siemens AG global EHS committees and taskforces.

MAJOR ACCOMPLISHMENTS:

- Winner of the Siemens *Global Environmental Award 2000*
- Conducted EHS seminars throughout Europe, Asia, North and South America
- Created and developed "Best Practice" Business Continuity/Disaster Plan for global distribution
- Cited by both EPA and OSHA for "Best Practice" environmental and safety programs
- Made annual EHS and fire risk audit/inspection visits to all plants in North America, South America and Asia.
- Had 7 patents pending or granted, as well as 18 awards for innovative suggestions accepted.
- Implemented EHS global communications: newsletters, international conferences, workshops and seminars.
- Performed environmental Due Diligence assessments in US, Mexico, Canada.
- Organized removal of 14 buried tanks and all asbestos and PCBs from plants in North America
- Organized ISO 14001 environmental certifications for NAFTA plants: scored perfect 100% on ISO 14001 Leader exam.
- Originated Corporate EHS Policy and Procedures, applicable worldwide.

FACILITIES ENGINEERING MANAGER
COLT INDUSTRIES, HOLLEY CARBURETOR DIVISION

1979-1990
Warren, MI USA

Responsible for all divisional environmental protection, construction, safety, energy and utilities at 9 automotive fuel system manufacturing plants, including administration of Capital and Major Repair budgets (\$20MM annually). Wrote Budget estimates for all major projects, obtained bids, selected consultants and contractors, managed all construction and administered cost accounting. Managed Warren plant Maintenance Department (12 UAW tradesmen, \$1MM budget), including all construction, renovation and maintenance contractors. Managed Security and Janitorial functions.

MAJOR ACCOMPLISHMENTS:

- Conducted 64 buried tank removals and cleanups in 4 states.
- Conducted the first EPA approved landfill stabilization, for Lost River Superfund project in KY.
- Designed and managed construction of new fuel blending and distribution systems at 4 plants (MI, TN, KY, MS); cleaned up many environmental issues.
- Renovated old building in TN to rebuild Carburetors: plant layout, managed contractors, moved production from KY.
- Designed and managed construction of new starter/generator rebuilding plant (TX).
- Managed Contractors to replace roofs on 9 plants (5 million square feet) in 4 states, saving 10% of heating and cooling costs for each plant by using reflective roofing materials and heavy insulation.
- Designed, managed construction of 4 Clean Rooms for fuel injector manufacture (MI, KY, MS, Chihuahua Mexico); fuel injectors helped the auto companies reduce fuel consumption and exhaust pollutants.
- Designed and managed construction of vibration lab, saving \$200,000 per year in cost of testing auto components
- Received *Outstanding Employee* awards in 1983 and 1985.

MANAGER, ENGINEERING AND MANUFACTURING
BUNDY CORPORATION

1970-79
Warren, MI USA

In charge of major projects: installed steel tubing production and fabrication lines in U.S.A., Australia, Canada and Brazil. Designed, built and managed Stainless Steel Tubing manufacturing and parts fabrication plant: managed 5 salaried and 30 hourly employees. Patents for a machine to make large coils of stainless steel tubing, also for an inline tube annealing process.

- Received the Corporate *Citation for Achievement* award in 1972 and again in 1978.

PRODUCT ENGINEERING SUPERVISOR 1968-70
COLT INDUSTRIES, ELOX DIVISION Troy, MI and Davidson, NC USA

- Directed design of standard and special machine tools. Supervised 8 engineers and designers.
- Supported Marketing with new-model cost proposals, presentations, drawings and brochures.
- Invented novel applications and designs of Electrical Discharge Machining processes. Several Patents awarded.

SYSTEMS ENGINEERING SUPERVISOR 1967-68
ATOMIC POWER DEVELOPMENT ASSOCIATES, INC Detroit, MI USA

- Improved nuclear reactor sodium piping at Enrico Fermi Atomic Power Plant, Monroe, MI
- Supervised the Liquid Sodium Piping Systems department (3 people); ran tests at Sibley Quarry.
- Reviewed and critiqued U.S., French and Russian (Chernobyl) reactor designs.

PROJECT ENGINEER 1966-67
R. R. DONNELLEY & CO Chicago, IL and Crawfordsville, IN USA

- Managed Contractors on printing press installations; developed new book binding methods.
- Supervised installation of five-color automated printing presses for production of World Book Encyclopedia.
- Designed complex machine controls circuitry for presses.

PROJECT ENGINEER 1964-66
GUARDIAN GLASS COMPANY Detroit, MI USA

- Designed glass cutting machinery, conveyors, HVAC, and furnaces for automotive and architectural glass products.

PART TIME INSTRUCTOR AND ADMINISTRATOR 1975-81
DETROIT INSTITUTE OF TECHNOLOGY Detroit, MI USA

- Instructor for college-level and advanced technical night school courses in USA and Canada.
- Created new curricula for engineering law, manufacturing, pollution abatement, and machine controls.
- Implemented and administered the St. Clair Canada college degree operations for adults.

OTHER PART TIME (nights, weekends, etc.):

- Proprietor, P.E. Phototechnical Services; photography studio, commercial photography and newsletters, 1983-2013.
- Professional Consulting; designed radio towers, steel structures, ovens and furnaces, 1967-present.
- Detroit Mechanical Contractors, 1966-80; install heat and air conditioning; thread and hang pipe, make ductwork, etc.
- Del Ray Connecting Railroad, 1974-76; designed bridge reconstruction and coal heating facility, sold a bridge.
- Co-op engineer at Soil Testing Services (Chicago), Ethyl Corporation and Ford Motors (Detroit).

PROFESSIONAL ACTIVITIES:

- Director, Rochester Hills MI Economic Development Corporation.
- Industrial Representative, Oakland County Solid Waste Commission.
- Member of Oakland County Local Environmental Protection Commission (LEPC); Plan Review committee.
- Participant and speaker, Michigan Business Partnership for Pollution Prevention (MBP3)
- Member AIAG (American Industry Action Group), Health and Safety Steering Committee.
- Member OESA (Original Equipment Supplier Association), Environmental, Health and Safety Council.
- Member Great Lakes WREE (Waste Reduction Energy Efficiency), Planning Committee and speaker.
- Chairman and Industrial Representative, Strategic Planning Committee, Auburn Hills Fire Department.
- Member National Fire Protection Association (NFPA)

FORMAL EDUCATION:

- BSME: University of Detroit, 1963; Thesis: *Three-Element Interferometer*
- MS-ME courses, Wayne State University, 1965 Thesis: *Gas Levitation Glass Tempering Furnace*
- Pre-Engineering: Wheeling Jesuit University, on academic scholarship.
- MBA courses, University of Detroit, 1975. Concentration in Production Management.