

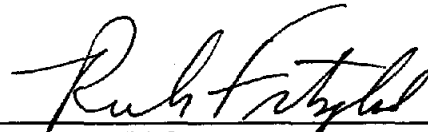
Bill No. 1519-04

APPOINTMENT

Approving the reappointment of Larry Simmons to serve as a member of the Air Pollution Control Advisory Committee for a term to expire on December 31, 2004.

In Council June 1, 2004.

Read and approved by Motion of Council.



Rich Fitzgerald
President of Council

Attest: John Mascio
John Mascio
Chief Clerk of Council



OFFICE OF THE CHIEF EXECUTIVE

County of Allegheny

101 COURTHOUSE • 436 GRANT STREET
PITTSBURGH, PENNSYLVANIA 15219
PHONE (412) 350-6500 • FAX (412) 350-4360

1519-04

April 15, 2004

Honorable Council President and Council Members
Allegheny County Council
119 County Courthouse
Pittsburgh, PA 15219

Dear Council Members:

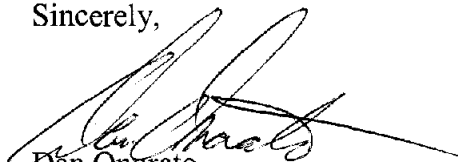
Please find the attached resume of Larry Simmons, whom I am recommending for reappointment to the Air Pollution Control Advisory Committee.

The Air Pollution Committee recommends to the Board of Health additions and changes to the rules and regulations, and advises the Department and Board of Health on matters relative to the control of air quality in Allegheny County. Pending confirmation, Mr. Simmons will serve an additional one-year term, ending on December 31, 2004.

Mr. Simmons is an exemplary member of the Air Pollution Committee. He draws from a long list of relevant career experiences and brings a high-level of skill to the problem-solving efforts of the Committee. His work has, in fact, been invaluable to the Air Quality Program in some instances.

I appreciate your consideration and ask you to act on this reappointment as quickly as possible. Mr. Simmons will make himself available for review before full Council or the appropriate committee if members of Council wish to speak with him.

Sincerely,



Dan Onorato

cc: Larry Simmons
Shawn Fox, Office of the Chief Executive of Allegheny County

EDUCATION:

- MS, Civil Engineering, 1979, University of Pittsburgh
- BSE, Ocean Engineering, 1970, Florida Atlantic University

On the Bachelor level, Mr. Simmons graduated with a major in Mechanical Engineering and a minor in Oceanography, which included studies in dispersion analysis. His Master level Civil Engineering studies were in the field of Environmental Engineering with concentrations in Sanitary Engineering and hydrodynamics.

EXPERIENCE:

- Energy & Environmental Management, Inc., 1981 to Present

As Program Director for major projects, Mr. Simmons has been successful in assisting clients in the utility and steel industries. Some of those projects are described as follows:

- Industrial Sources Group (ISG) - Project Manager - Responsible for structuring air monitoring program with four 100-meter towers and four acoustical SODARs in Marshall County, West Virginia for Venco, Columbian Chemicals, PPG, Bayer and Ormet and air quality dispersion modeling with that data using ISCST3, CTDMPPLUS and CALPUFF.
- Weirton, West Virginia SO₂ SIP - Project Manager - Conducted complex and intermediate terrain dispersion modeling for the immediate vicinity of the Ohio River valley at Weirton, WV. Two years of on-site meteorological data were input to AERMOD to develop a SO₂ SIP.
- Pennsylvania Turnpike Commission - Subcontractor - Prepared air quality dispersion model analysis of carbon monoxide, PM₁₀ and benzene emissions for expansion at Plainfield, PA, rest stop. Prepared Expert Report for litigation support. The rest stop was expanded.

- Wheeling-Pittsburgh Steel Corporation - Project Manager - Prepared PSD Feasibility study for Electric Melt Shop addition to their Mingo Junction, Ohio facility including assessment under Ohio EPA Air Toxics program.
- Allegheny County PM_{10} SIP - Project Manager - Developed specialty software at the request of USX Corporation to address dispersion of PM_{10} emissions from their Coke Plant at Clairton, PA. USX made the software available to the PM_{10} SIP agency via modem access to devise final control strategies.
- TRICO Steel Company - Subcontractor - Prepared air quality dispersion analysis for increment consumption and ambient standards impacts for their proposed Electric Melt Shop in Decatur, Alabama. Permit was issued and plant is operating.
- Jefferson County, Ohio PM_{10} SIP - Project Manager - Directed the complex and intermediate terrain modeling for the Steubenville, Ohio PM_{10} SIP for Wheeling-Pittsburgh Steel Corporation. Ohio EPA and West Virginia OAQ utilized the complex terrain modeling output to devise the final PM_{10} control strategies.
- American Bituminous Power Partners Grant Town Energy Project - Project Manager - Directed the BACT and PSD modeling analysis at the Grant Town, West Virginia project. Specialty software was developed to address the complex terrain near the project. Violations of the National Ambient Air Quality Standards were found, but a detailed analysis showed the Grant Town project was not a significant source during the violation events.
- North Branch Power Partners - Project Manager - Prepared Prevention of Significant Deterioration (PSD) application and obtained air quality permit for 80 MWe waste coal-fired CFB at Bayard, West Virginia.
- Ormet Primary Aluminum Corporation - Project Manager - Prepared a PM_{10} field monitoring and air dispersion program for pot liner emissions that were used in a Superfund Risk Assessment for their Hannibal, Ohio facility. Complex and intermediate terrain were significant factors in the dispersion analysis. Ohio EPA and EPA Region V accepted the modeling procedure and results.

- Sinter Bubble at USX Fairless Works - Project Manager - Conducted a detailed PM_{10} Bubble analysis for the sinter plant at the USX facility in Fairless Hills, Pennsylvania. Specialty software was developed for processing over 1200 sources in complex terrain. Agency involvement with Pennsylvania, New Jersey and EPA Region III.
- J & L Specialty Steel - Subcontractor - Prepared a dispersion model analysis of HF emissions during a spill event. The HF releases would be in a river valley with complex terrain. The Emergency Preparedness Agency and Pennsylvania DER accepted the modeling procedure.
- National Steel Corporation - Project Manager - Responsible for evaluation of PDER and NYS DEC challenge to Weirton Steel's SO_2 emissions under §126. Developed technical response with client counsel for submission to docket.
- Atlantic Steel - Subcontractor - Conducted PSD air dispersion modeling for the Melt Shop expansion outside Atlanta, Georgia. Complex terrain required approval by the Georgia DNR of the detailed model protocol. Final approval of the permit was received based on the complex and intermediate terrain modeling.
- Lukens Steel Corporation - Project Manager - Determined feasibility of using fugitive road dust emissions under the Emissions Trading Policy of the Clean Air Act as a trade for the Electric Melt Shop at Coatesville, Pennsylvania. Provided technical support to Lukens at PDER agency meetings in Harrisburg and Norristown.
- Southern Research Institute - Subcontractor - One of four firms selected nationwide under EPA RTP contract to develop a fugitive dust quantification protocol. Conducted side-by-side field tests to assess merits of various techniques.
- L. Robert Kimball & Associates - Subcontractor - Responsible for evaluation of compliance programs to reduce fugitive dust emissions from the GM&W Coal Company's Grove #3 Mine near Jennerstown as per PDER order.

- The Potomac Edison Company - Project Manager - Responsible for conducting dispersion analyses with ISCST air quality model to develop less-than-GEP stack for approval by Maryland Department of Health and Mental Hygiene for the R. Paul Smith Power Station near Williamsport, Maryland.
- Bethlehem Steel Corporation - Project Manager - Responsible for NYS DEC using ISCLT in lieu of CDM as a validation tool under SIP revisions for complex sources and where multiple field monitors are available for validation.
- Energy Impact Associates, Inc., 1977 to 1981

As a Project Manager and Project Engineer, he participated in strategic development of more than 25 projects for variances and permits as revisions to State Implementation Plans and 40 projects for variances and permits under the National Pollutant Discharge Elimination System. As Project Manager, his primary responsibility was to lead an interdisciplinary team of engineers and scientists directed to permit acquisition within budget and on schedule. Mr. Simmons was associated with the following programs:

- Shenango Incorporated - Project Manager - Responsible for team of engineers compiling fugitive dust emissions inventory and air quality scientists conducting dispersion analyses for first TSP Bubble approved in EPA Region III. Obtained PDER and EPA approval for protocol for quantifying fugitive dust from roads. Expert testimony given at SIP hearing in Allegheny County.
- Pennsylvania Power/Ohio Edison Company - Project Manager - Responsible for air quality monitoring network of 31 sites for SO₂ and TSP including personnel administration, equipment, reporting of data, project budgets and response to agency questions from PDER and OEPA.
- Allegheny Power Service Corporation - Project Manager - Responsible for team of biologists and engineers in follow-up work on NPDES studies at their 12 plants in Pennsylvania, West Virginia, Maryland and Virginia.

- Bethlehem Mines - Subcontractor - Had overall responsibility for environmental program and provided hydrology sections for applications under interim OSM regulations for nine existing deep coal mines in Cambria County, Pennsylvania.
- Mead Paper - Project Manager - Directed investigation of existing waste disposal area for hazardous and non-hazardous waste under interim RCRA. Conducted groundwater investigation of leachate migration. Helped develop operational and closure plans for continued area use.
- Westinghouse Electric Corporation, Environmental Systems Department, 1970 to 1977

While at Westinghouse Electric Corporation, Mr. Simmons was responsible for the development of data processing, field collection and data analysis for water resources projects in Montana, Nevada, Illinois, Missouri, Indiana, Ohio, Pennsylvania, West Virginia, Michigan, New York, Massachusetts, Louisiana and Tennessee. He participated in testimony before several state agencies on NPDES permit issues.

PUBLICATIONS AND PROFESSIONAL ACTIVITIES:

- Allwine, K.J., W.F. Dabberdt and L.L. Simmons, "Peer Review of the CALMET/CALPUFF Modeling System," EPA Contract No. 68-D-98-092, Work Assignment No. 1-03, August 28, 1998.
- Samples, W.R., W.V. Polomik, Jr. and L.L. Simmons, "Recognizing Buoyancy of Heated Fugitive Emissions From Basic Oxygen Furnaces and Blast Furnaces," Air & Waste Management Association Specialty Conference, Pittsburgh, Pennsylvania, March 31 - April 2, 1998.
- Gendron, L.J., R.J. Paine and L.L. Simmons, "Operation of a Comprehensive Network of Tall Meteorological Towers and Acoustic SODARs for Use in Modeling in the Ohio River Valley," American Meteorological Society Conference, Phoenix, Arizona, January 1998.
- Leger, M.E., T.A. Moore, G.S. Casuccio, L.L. Simmons and C.A. Francy, "Receptor Modeling: Innovative Approaches to Assist in the Identification of Source/Receptor Relationships," 86th Annual Meeting & Exhibition of the

Air & Waste Management Association, Denver, Colorado, June 13-18, 1993.

- Simmons, L.L. and L.E. Lambert, "Coal Processing," Air Pollution Engineering Manual, 1992.
- Maser, J.A., C.L. Norton and L.L. Simmons, "Cost/Benefit of Fugitive Emissions Controls for TSP and Possible PM₁₀ Compliance," Symposium on Iron and Steel Pollution Abatement Technology for 1983, Chicago, Illinois, October 18-20, 1983.
- Simmons, L.L., C.L. Norton and M.J. DeBiase, "Fugitive Dust Emissions From Roads in Iron and Steel Mills: Compilation of Results and Use Under EPA's Emission Trading Policy," Symposium on Iron and Steel Pollution Abatement Technology for 1982, Pittsburgh, Pennsylvania, November 16-18, 1982.
- Simmons, L.L., C.L. Norton and P.R. Edmonds, "Practical Aspects of Matching an Emissions Inventory to an Air Quality Dispersion Model," Air Pollution Control Association Specialty Conference, Kansas City, Missouri, April 1982.
- Maser, J.A., C.L. Norton and L.L. Simmons, "Uncontrolled and Controlled Emissions from Nontraditional Sources in a Coke and Iron Plant: A Field Study Analysis," APCA Specialty Conference On: Air Pollution Control in the Iron and Steel Industry, Chicago, Illinois, April 21-23, 1981.
- Plumb, R.H., L.L. Simmons and M. Collins, "Assessment of Intermittently Chlorinated Discharges Using Chlorine Half-Life," Third Conference on Water Chlorination: Environmental Impact and Health Effects, Colorado Springs, Colorado, October 28-30, 1979.
- Simmons, L.L., "Practical Aspects of the Resource Conservation and Recovery Act," 40th Annual Meeting of the International Water Conference of the Engineers' Society of Western Pennsylvania, Pittsburgh, Pennsylvania, November 1979.
- Simmons, L.L., "Conducting a Section 316(a) Demonstration at the Cheswick Power Station," Pennsylvania Electric Association Annual Meeting, Greentree, Pennsylvania, March 1976.

- Simmons, L.L., "Hydrothermal Processes Related to Steam Electric Stations," lecture presented at the annual Westinghouse Environmental Management School, Fort Collins, Colorado, 1973 through 1977.
- Simmons, L.L., P.E. Kueser, J.H. Wright and G.M. Jouris, "Near-Field Thermal Plume Parameters for Electric-Power Plants Discharging into Rivers or Transverse Currents," AICHE Heat Transfer Symposium Series, 1973.
- Simmons, L.L. and J.A. Nutant, "Measuring Thermal Plumes in Three Dimensions," Power Engineering, October 1971.
- Member of Engineers' Society of Western Pennsylvania and Air & Waste Management Association.
- Member of Allegheny County Board of Health's Air Pollution Control Advisory Committee and Chair of its Criteria Pollutants Subcommittee.



OFFICE OF THE COUNTY COUNCIL
County of Allegheny

ROOM 119 • 436 GRANT STREET • PITTSBURGH, PENNSYLVANIA 15219
412.350.6490 • 412.350.6499 (FAX)

RICH FITZGERALD
DISTRICT 11
PRESIDENT

May 4, 2004

WAYNE FONTANA
DISTRICT 12
VICE-PRESIDENT

JOHN DEFazio
AT-LARGE

Larry Simmons
Energy and Environmental Mgt.
P.O. Box 71
Murrysville, PA 15668

DAVE FAWCETT
AT-LARGE

Dear Mr. Simmons:

RON FRANCIS, JR.
DISTRICT 1

This is to inform you that Council President Rich Fitzgerald, Chairperson of Council's Committee on Appointment Review, has scheduled an Appointment Review Committee Meeting for 4:00 PM, **Thursday, May 20, 2004** in Conference Room One, 119 County Courthouse.

JAN REA
DISTRICT 2

TOM SHUMAKER
DISTRICT 3

The Councilman requests your presence at the meeting to discuss your nomination for appointment to the Air Pollution Control Advisory Committee. He indicated that those of you that were nominated for reappointment should be prepared to answer questions including how long you have served on the board, your biggest accomplishments on that board, and what you envision your future goals to be if reappointed.

DOUG PRICE
DISTRICT 4

VINCE GASTGEB
DISTRICT 5

JOAN CLEARY
DISTRICT 6

Those of you that are new nominees should be prepared to answer questions relative to your background and qualifications and what you hope to accomplish if appointed.

CHARLES MARTONI
DISTRICT 8

C.L. JABBOUR
DISTRICT 9

If you have any questions regarding this please contact me at 412-350-6495.

**WILLIAM RUSSELL
ROBINSON**
DISTRICT 10

Sincerely,

BRENDA FRAZIER
DISTRICT 13

John Mascio
Chief Clerk
Allegheny County Council

JOE CATANESE
CHIEF OF STAFF

JOHN MASCIO
CHIEF CLERK

JM/fb



RICH FITZGERALD, PRESIDENT

County of Allegheny

ROOM 119 • 436 GRANT STREET • PITTSBURGH, PENNSYLVANIA 15219

412.350.6575 • 412.350.6499 (FAX)

RFITZGERALD@COUNTY.ALLEGHENY.PA.US

June 7, 2004

Larry Simmons
Energy and Environmental Mgt.
P.O. Box 71
Murrysville, PA 15668

Dear Mr. Simmons:

This is to inform you that at the Regular Meeting of Council held on June 1, 2004, Council approved your appointment to serve as a member of Air Pollution Control Advisory Committee for a term to expire December 31, 2004.

Congratulations on your appointment.

Sincerely,

A handwritten signature in cursive script that reads "Rich Fitzgerald".

Rich Fitzgerald, President
District 11 Representative

RF/fb

OFFICE OF THE COUNTY COUNCIL