

# MEMORANDUM

Agenda Item No. 8(L)(1)

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**TO:** Honorable Chairwoman Audrey M. Edmonson  
and Members, Board of County Commissioners

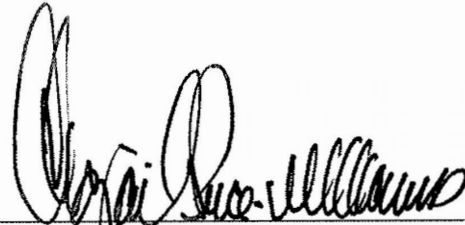
**DATE:** April 7, 2020

**FROM:** Abigail Price-Williams  
County Attorney

**SUBJECT:** Resolution David A. Chin, PhD,  
to the Environmental Quality  
Control Board for another three-  
year term


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The accompanying resolution was prepared by the Regulatory and Economic Resources Department and placed on the agenda at the request of Prime Sponsor Infrastructure and Capital Improvements Committee.



Abigail Price-Williams  
County Attorney

APW/uw

**Date:** April 7, 2020  
**To:** Honorable Chairwoman Audrey M. Edmonson  
and Members, Board of County Commissioners  
**From:** Carlos A. Gimenez   
County Mayor  
**Subject:** Resolution to Reappoint Dr. Chin to another Three-Year Term

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**Recommendation**

It is recommended that the Board of County Commissioners (Board) approve the attached resolution reappointing Dr. David A. Chin to serve another three-year term on the County's Environmental Quality Control Board.

**Scope**

The Environmental Quality Control Board hears cases from all jurisdictional areas of Miami-Dade County.

**Fiscal Impact/Funding Source**

This resolution has no fiscal impact as members of the Environmental Quality Control Board are not compensated for their duties.

**Track Record/Monitor**

The Assistant Director of the Department of Regulatory and Economic Resources, Environmental Resources Management, Lee Hefty, will monitor the outcome of this resolution.

**Background**

The Environmental Quality Control Board (EQCB) is a quasi-judicial County board that hears appeals, variances and time extension requests for highly scientific and technical matters under Chapter 24 of the Code of Miami-Dade County. The composition and membership of the EQCB requires advanced degrees and qualifications unique to environmental disciplines. The EQCB Board is composed of five members, of which two must have Ph.D. degrees in biology, one must have a Ph.D. degree in biochemistry and two must have professional engineering licenses and experience in sanitary engineering. Members are appointed by the Board of County Commissioners and serve staggered three-year terms.

Dr. Chin is a current member of the EQCB and his term expired in February 2020. Dr. Chin is a professional engineer licensed in the state of Florida, has a Ph.D. degree in civil engineering, is highly qualified, and has served with distinction on the EQCB since 2003. His continued service ensures the effective operation of the EQCB. His resume is Exhibit 1 to this memorandum.

  
\_\_\_\_\_  
Jack Osterholt  
Deputy Mayor

## Curriculum Vitae

### PERSONAL

**Name:** David A. Chin

**E-Mail Address:** [dchin@miami.edu](mailto:dchin@miami.edu)

**Current Academic Rank:** Professor

**Primary Department:** Civil, Architectural and Environmental Engineering Department

**Citizenship:** United States

### HIGHER EDUCATION

#### Institutional:

- Georgia Institute of Technology, Ph.D., Civil Engineering (1982)
- California Institute of Technology, M.S., Civil Engineering (1978)
- University of the West Indies, B.Sc., Civil Engineering, First Class Honors (1977)

#### Certification, Licensure:

- Professional Engineer (P.E.), Florida, No.36055 (1986-Present)
- Board Certified Environmental Engineer (BCEE), American Academy of Environmental Engineers, No.97-20009, (1997-Present)

### EXPERIENCE

#### Academic:

- Professor of Civil Engineering, University of Miami (1994-Present)
- Chairman, University of Miami, Department of Civil, Architectural, and Environmental Engineering (1992-2005)
- Associate Professor of Civil Engineering, University of Miami (1988-1994)
- Assistant Professor of Civil Engineering, University of Miami (1984-1988)

#### Industry Employment:

- Hydrologic Associates, Inc., Miami, Florida, Consulting Engineer (1988-1992)
- United States Geological Survey, Miami, Florida, Project Chief (Two appointments: 1988-1989 and 2001-2003)
- Harza Engineering Company, Chicago, Illinois, Hydropower Engineer (1978-1979)

#### Sabbatical Leaves:

- University of Florida, Tropical Research and Education Center, Homestead, Florida (2005-2006)

### PUBLICATIONS

#### Refereed Books:

1. D.A. Chin, *Water-Resources Engineering, Third Edition*, Pearson/Prentice Hall, 2013
2. D.A. Chin, *Water-Quality Engineering in Natural Systems, Second Edition*, Wiley, 2013
3. D.A. Chin, *Water-Resources Engineering, Second Edition*, Prentice-Hall, 2006
4. D.A. Chin, *Water-Quality Engineering in Natural Systems*, John Wiley & Sons, 2006
5. D.A. Chin, *Water-Resources Engineering, First Edition*, Prentice-Hall, 2000
6. D.A. Chin, *Fluid Mechanics for Engineers, First Edition*, Pearson/Prentice Hall, 2016

### Refereed Monographs:

1. **D.A. Chin, R. D. Patterson**, *Quantification of Hydrologic Processes and Assessment of Rainfall-Runoff Models in Miami-Dade County, Florida*, U.S. Department of the Interior, U.S. Geological Survey, Scientific Investigations Report, 2004-1346, 2005
2. **D.A. Chin**, *An Overview of Urban Stormwater-Management Practices in Miami-Dade County, Florida*, U.S. Department of the Interior, United States Geological Survey, Open File Report 2004-1346, 2005
3. **D.A. Chin**, *A Method to Estimate Leakage to the Biscayne Aquifer, Dade County, Florida*, U.S. Department of the Interior, United States Geological Survey, Water-Resources Investigation Report 90-4135, 1990

### Juried or refereed journal articles:

1. **D.A. Chin, M.A. Jacketti, N.S. Karpathy, and P.J. Sahwell**, "Accounting for Tropical Cyclones in Extreme Rainfall Distributions in Florida," *Journal of Hydrologic Engineering*, 24(11), 05019028 (9), 2019.
2. **N.S. Karpathy, D.A. Chin**, "The Relationship between the Curve Number and the  $\phi$ -Index," *Journal of Irrigation and Drainage Engineering*, 145(11), 06019009(5), 2019.
3. **D.A. Chin**, "Estimating Peak Runoff Rates Using the Rational Method," *Journal of Irrigation and Drainage Engineering*, 145(6), 04019006(8), 2019.
4. **D.A. Chin**, "Anomalous Behavior of the Curve Number Infiltration Model," *Journal of Irrigation and Drainage Engineering*, 145(4), 06019002(5), 2019.
5. **D.A. Chin**, "The Relative Performance of Intensity-Duration-Frequency Functions," *Journal of Hydrologic Engineering*, 24(4), 04019006(6), 2019.
6. **D.A. Chin**, "The Effect of Return Period on Normalized Rainfall Distributions in the United States", *Journal of Hydrologic Engineering*, 23(11), 04018046(7), 2018.
7. **D.A. Chin and E.A. Ross**, "Canonical Rainfall Distributions in the United States", *Journal of Irrigation and Drainage Engineering*, 144(11), 04018031(9), 2018.
8. **D.A. Chin**, "On the Relationship between Curve Numbers and Phi Indices", *Water Science and Engineering*, <https://doi.org/10.1016/j.wse.2018.09.006>, 2018.
9. **D.A. Chin**, "Assessment of the Chen and Other Methods for Estimating Intensity-Duration-Frequency Functions", *Journal of Hydrologic Engineering*, 23(9), 04018037(9), 2018.
10. **D.A. Chin**, "Delineation of Wellhead Protection Areas Containing Seepage Lakes", *Journal of Water-Resources Planning and Management*, 144(3), 04017098(10), 2018.
11. **D.A. Chin**, "Discussion of: Return Period-Dependent Rational Formula Coefficients for Two Locations in Texas by David C. Froelich", *Journal of Irrigation and Drainage Engineering*, 143(9), 07017014(3), 2017.
12. **D.A. Chin**, "Designing Bioretention Areas for Stormwater Management", *Environmental Processes*, 4(1), pp. 1-13, 2017.
13. **D.A. Chin**, "Estimating the Parameters of the Curve Number Model", *Journal of Hydrologic Engineering*, 22(6), 06017001(6), 2017.
14. **D.A. Chin, A. Jones**, "Optimal Sizing of Exfiltration Trenches," *Journal of Irrigation and Drainage Engineering*, 143(1), pp. 04016074(10), 2017.
15. **D.A. Chin**, "Tracer transport through seepage lakes", *Journal of Hydrologic Engineering*, 21(7), pp. 06016004(6), 2016
16. **D.A. Chin**, "Identification of Algae-Nutrient Relationships", *The Open Hydrology Journal*, 9, pp. 28-36, June 2015
17. **J. J. Iudicello, D.A. Chin**, "In-Stream Bacteria Modeling as a Function of the Hydrologic State of a Watershed", *Journal of Environmental Engineering*, 141(4), pp. 04014073, 2015
18. **D.A. Chin**, "Discussion of: Multiple Critical Depth Occurrence in Two-Stage Cross Sections: Effect of Side Slope Change", *Journal of Hydrologic Engineering*, 19(9), pp. 1-4, September 2014

19. Y. Zhang, D.B. Hernandez, L.J. Vogel, L.W. Gassie, D.A. Chin, A.I. Perez, "Upgrade of Wastewater Sistema Central in Havana, Cuba", *The West Indian Journal of Engineering*, 36(1), pp. 47-58, August 2013
20. D.A. Chin, "Hydraulic Analysis and Design of Pipe Culverts: USGS versus FHWA", *Journal of Hydraulic Engineering*, 139(8), pp. 886-893, August 2013
21. J.J. Iudicello, D.A. Chin, "Multimodel, Multiple Watershed Examination of In-Stream Bacteria Modeling", *Journal of Environmental Engineering*, 139(5), pp. 719-727, May 2013
22. J.J. Iudicello, D.A. Batterman, M.M. Pollard, C.Q. Scheid, D.A. Chin, "Identification and Remediation of Water-Quality Hotspots in Havana, Cuba: Accounting for Limited Data and High Uncertainty", *The West Indian Journal of Engineering*, 35(2), pp. 1-11, January 2013
23. D.A. Chin, "The Relationship between Flow and Bacteria in Streams", *Water Environment Research*, 84(3), pp. 228-236, 2012
24. D.A. Chin, "Regional Estimation of Storm Water Management Parameters in Florida", *Journal of Water Resources Planning and Management*, 138(5), pp. 502-511, 2012
25. D.A. Chin, P.M. Kelly, R.T. Kiger, R.S. Sonenshein, "Assessing the Effectiveness of Spreader Canals in Delivering Water to Marshes", *Journal of Hydrologic Engineering*, 16(10), pp. 829-836, October 2011
26. D.A. Chin, "Quantifying Pathogen Sources in Streams by Hydrograph Separation", *Journal of Environmental Engineering*, 137(9), pp. 770-781, September 2011
27. D.A. Chin, X.-H. Fan, Y.-C. Li, "Validation of Growth and Nutrient Uptake Models for Tomato on a Gravelly South Florida Soil Under Greenhouse Conditions", *Pedosphere*, 21(1):46-55., January 2011
28. D.A. Chin, "Frequency Analysis of Shallow Water Tables for Drainage Applications", *Journal of Water Resources Planning and Management*, 137(6), pp. 491-497, 2011
29. D.A. Chin, "Hydraulic Resistance versus Flow Depth in Everglades Hardwood Halos", *Wetlands*, 31, pp. 989-1002, 2011
30. D.A. Chin, "Thermodynamic Consistency of Potential Evapotranspiration Estimates in Florida", *Hydrologic Processes*, 25, pp. 288-301, 2011
31. D.A. Chin, R. Li, "Evapotranspiration Adjustment Factors in Florida", *Journal of Irrigation and Drainage Engineering*, 137, pp. 403-411, 2011
32. D.A. Chin, D. M. Sakura-Lemessy, D. D. Bosch, P. A. Gay, "Enhanced Estimation of Terrestrial Loadings for TMDLs: Normalization Approach", *Journal of Water Resources Planning and Management*, 136(3):357-365., 2010
33. J. Iudicello, D.A. Chin, "Water-Resources Education at the University of Miami", *Florida Watershed Journal*, 3(1):17-19, 2010
34. D.A. Chin, J. J. Iudicello, K. C. Kajder, P. M. Kelly, D. V. Porzilli, H. Guha, "Lake Effect in Wellhead Protection", *Journal of Water Resources Planning and Management*, 136(3):403-407, 2010
35. D.A. Chin, "Linking Pathogen Sources to Water Quality in Small Urban Streams", *Journal of Environmental Engineering*, 136(2):249-253., 2010
36. D.A. Chin, D.-M. Sakura-Lemessy, D. D. Bosch, P. A. Gay, "Watershed-Scale Fate and Transport of Bacteria", *Transactions, American Society of Agricultural and Biological Engineers*, 52(1):145-154, 2009
37. D.A. Chin, R. M. Price, V. J. DiFrenna, "Nonlinear Flow in Karst Formations", *Ground Water*, 47(5):669-674, 2009
38. D.A. Chin, "Risk-Based Margins of Safety for TMDLs in Pathogen-Impaired Waters", *Journal of Water-Resources Planning and Management*, 135(6):521-527, 2009
39. D.A. Chin, "Predictive Uncertainty in Water-Quality Modeling", *Journal of Environmental Engineering*, 135(12):1315-1325, 2009
40. D.A. Chin, "Phenomenological Models of Hydrologic Processes in South Florida", *Journal of Hydrology*, 349:230-243, 2008

41. Y. Qian, K. W. Migliaccio, Y. Wan, Y. C. Li, **D.A. Chin**, "Seasonality of Selected Physical and Chemical Characteristics of Surface Water in the Indian River Lagoon Area", *Journal of Environmental Quality*, 36:416-425, 2007
42. **D.A. Chin**, "Hydraulics of Sewer Flows", *Florida Water Resources Journal*, 59(12):55-58, 2007
43. F. J. Bloetscher, J. E. Englehardt, **D.A. Chin**, J. Rose, G. Tchobanoglous, V. Amy, S. Gokgoz, "Comparative Assessment of Municipal Wastewater Disposal Methods in Southeast Florida", *Water Environment Research*, vol. 77, no. 5, pp.480-490, 2005
44. E. D. Swain, **D.A. Chin**, "An Analytic Formulation of Two-Dimensional Groundwater Dispersion Induced by Surficial Recharge Variability", *Water Resources Research*, Vol.39, No.9, pp. SBH 17-1 to 17-8, 2003
45. **D.A. Chin**, X. Qi, "Ground water under the direct influence of surface water", *Journal of Environmental Engineering*, Vol.126, No.6, ASCE, pp.501-508, 2000
46. **D.A. Chin**, "Evapotranspiration of melaleuca forest in south Florida", *of Hydrologic Engineering*, Vol.3, No.2, ASCE, pp.131-139, 1998
47. **D.A. Chin**, S. Chinthamreddy, L. K. Shay, H. C. Graber, "The Structure of Ocean-Surface Currents Measured by Doppler Radar", *IEEE Journal of Oceanic Engineering*, Vol.22, No.1, IEEE, New York, pp.156-167, 1997
48. **D.A. Chin**, "An assessment of first-order stochastic dispersion theories in porous media", *Journal of Hydrology*, 199 (1997), pp.53-73, 1997
49. **D.A. Chin**, "Discussion of "Probabilistic Analysis of Outfall Mixing Zones," by Huang, Fergen, Proni, and Tsai", *Journal of Environmental Engineering*, ASCE, 1997
50. **D.A. Chin**, L. Ding, H. Huang, "Ocean-outfall mixing zone delineation using Doppler radar", *Journal of Environmental Engineering*, Vol.123, No.12, ASCE, pp.1217-1226, 1997
51. **D.A. Chin**, M. K. Phang, "Architectural Engineering Program at the University of Miami", *Journal of Architectural Engineering*, Vol.2, No.2, ASCE, New York, pp.78-79, 1996
52. **D.A. Chin**, "A Scale Model of Multivariate Rainfall Time Series", *Journal of Hydrology*, Elsevier Science Publishers, Amsterdam, Vol.168, pp.1-15, 1995
53. **D.A. Chin**, S. Zhao, "Evaluation of Evaporation Pan Networks", *Journal of Irrigation and Drainage Engineering*, Vol.121, No.5, ASCE, New York, pp.338-346, 1995
54. **D.A. Chin**, "Estimation of Dispersion Coefficients from Particle Tracks", *Journal of Environmental Engineering*, Vol.120, No.1, ASCE, New York, pp.256-263, 1994
55. **D.A. Chin**, P. V.K. Chittaluru, "Risk Management in Wellhead Protection", *Journal of Water Resources Planning and Management*, Vol.120, No.3, Paper No.5337, ASCE, New York, pp.294-315, 1994
56. **D.A. Chin**, T. Wang, "An Investigation of the Validity of First-Order Stochastic Dispersion Theories in Isotropic Porous Media", *Water Resources Research*, 28(6), 1531-1542, 1992
57. **D.A. Chin**, "Leakage of Clogged Channels that Partially Penetrate Surficial Aquifers", *Journal of Hydraulic Engineering*, Vol.117, No.4, Paper No. 25707, ASCE, New York, pp. 467-488, 1991
58. E. D. Swain, **D.A. Chin**, "A Model of Flow in Open Channel Networks", *Journal of Irrigation and Drainage Engineering*, Vol. 116, No. 4, Paper No. 24959, ASCE, New York, pp. 537-556, 1990
59. **D.A. Chin**, "Discussion of "Shoreline Impact from Ocean Waste Discharges," by R.C.Y. Koh", *Journal of Hydraulic Engineering*, Vol. 115, No. 8, ASCE, New York, pp. 1162-1163, 1989
60. **D.A. Chin**, "A Diagnostic Model of Dispersion in Porous Media", *Journal of Hydraulic Engineering*, Vol. 115, No. 2, Paper No. 23161, ASCE, New York, pp. 210-227, 1989
61. **D.A. Chin**, "Model of Buoyant Jet-Surface Wave Interaction", *Journal of Waterway Port Coastal and Ocean Engineering*, Vol. 114, No. 3, Paper No. 22452, ASCE, New York, pp. 331-345, 1988
62. **D.A. Chin**, "Spatial Correlation of Hydrologic Time Series", *Journal of Water Resources Planning and Management*, Vol. 114, No. 5, Paper No. 28782, ASCE, New York, pp. 578-593, 1988
63. **D.A. Chin**, "Influence of Surface Waves on Outfall Dilution", *Journal of Hydraulic Engineering*, Vol. 113, No. 8, Paper No. 21710, ASCE, New York, pp. 1005-1017, 1987
64. **D.A. Chin**, "Macrodispersion in Stratified Porous Media", *Journal of Hydraulic Engineering*, Vol.113, No. 10, Paper No. 21916, ASCE, New York, pp. 1343-1358, 1987

65. D.A. Chin, "Estimation of Dispersion Coefficients in Porous Media", *Journal of Hydraulic Engineering*, Vol. 112, No. 7, Paper No. 20742, ASCE, New York, pp. 591-609, 1986
66. D.A. Chin, P. J.W. Roberts, "of Dispersion in Coastal Waters", *Journal of Hydraulic Engineering*, Vol. 111, No. 1, Paper No.19411, ASCE, New York, pp. 12-28, 1985
67. D.A. Chin, P. J.W. Roberts, "Time Series Modeling of Coastal Currents", *Journal of Waterway Port Coastal and Ocean Engineering*, Vol. 111, No.6, Paper No. 20175, ASCE, New York, pp. 954-972, 1985
68. D.A. Chin, "Outfall Dilution: The Role of a Far Field Model", *Journal of Environmental Engineering*, Vol. 111, No. 4, Paper No. 19914, ASCE, New York, pp. 473-486, 1985

**Other works:**

1. D.D. Bosch, D.A. Chin, D. Sakura-Lemessy, M.P. Adams, G. Vellidis, *Alternative Methods for Fecal Coliform Load Reductions in South Georgia Watersheds*, TMDL 2010 Watershed Management to Improve Water Quality, Proceedings, 14-17 November, ASABE Publication Number 711P0710cd, 2010
2. D.A. Chin, X. Fan, Y. Li, *Modeling Growth and Nutrient Uptake of Tomato in a Gravelly Soil in South Florida*, ASA-CSSA-SSSA, 2007 International Annual Meeting, November 4-8, New Orleans, Louisiana, 2007

**Professional Society Memberships**

- Fellow, American Society of Civil Engineers (1978-Present)
- Diplomate, American Academy of Environmental Engineers (1997-Present)
- Member, Water Environment Federation (1990-Present)

**Honors and Awards**

- Faculty Learning Community Fellow, University of Miami (2014)
- Eliahu I. Jury Excellence in Research Award, College of Engineering, University of Miami, Award for best Technical Paper Published by Faculty in the College of Engineering (1990)
- Collingwood Prize, American Society of Civil Engineers, for paper "Influence of Surface Waves on Outfall Dilution" (1989)
- Award for the Best Technical Paper Published by Faculty in the College of Engineering, University of Miami (1985)

**Other Professional Activities**

- ABET Commissioner, Engineering Accreditation Commission (2015-Present)
- Chair, Education Committee, American Academy of Environmental Engineers (2011-Present)
- Member, Engineering Education Committee, American Academy of Environmental Engineers (2009-Present)
- Member, Environmental Quality Control Board, Miami-Dade County (2004-Present)
- ASCE Committee on Accreditation Operations (2013-2017)
- Member, Technical Advisory Group, Miami-Dade Wellhead Protection Modeling (2016)
- ABET Commissioner, Applied Science Accreditation Commission (2014-2015)
- Member, Hackensack River Model Evaluation Group, U.S. EPA (2009)
- Member, Technical Review Committee, South Dade Watershed Study (2003-2006)
- ABET Program Evaluator, Civil, Architectural, Environmental Engineering (2000-Present)
- Member, Academic Council, Architectural Engineering Institute, ASCE (1998-2005)
- Chairman of the Scholarship Committee, Florida Engineering Society, Miami Chapter (1987-1989)

**Teaching Awards Received:**

- Alexander Orr Jr. Excellence in Teaching Award, College of Engineering, University of Miami (2006)

- Chi Epsilon Outstanding Teacher Award (2003)

**Courses Taught:**

- CAE 240 Environmental Pollution
- CAE 330 Fluid Mechanics
- CAE 340 Introduction to Environmental Engineering
- CAE 430 Water-Resources Engineering I
- CAE 530 Water-Resources Engineering II
- CAE 533 Water-Quality Control in Natural Systems
- CAE 730 Environmental Hydrology

**Masters Theses Supervision:**

- 2000-2002: H. Xu, "Urban Hydrology of South Florida"
- 1997-1999: X. Qi, "The Development of a Risk Assessment Methodology to Identify Ground Water Under the Direct Influence of Surface Water."
- 1995-1997: L. Ding, "Application of Ocean Surface Current Radar to the Delineation of Outfall Mixing Zones."
- 1993-1995: S. Chinthamreddy, "Validation of a Diagnostic Model of Ocean Currents."
- 1993-1995: S. Zhao, "An Assessment of the Evaporation and Rain gage Networks in the South Florida Water Management District."
- 1991-1993: P.V.K. Chittaluru, "A Risk Assessment Model of Wellhead Protection."
- 1986-1988: E. Swain, "A Numerical Model of Unsteady Flow in Open Channel Networks."
- 1986-1987: F. Mitchell, "A Model of Buoyant Jet-Surface Wave Interaction."

**Committee Chair: Master's Degree:**

- 2018-2019: Nicholas Karpathy, Project title: "An infiltration-capacity transformation to use the curve-number model to generate peak runoff."
- 2016-2017: Eboné Ross, Project title: "Canonical Rainfall Distributions in the United States."

**Doctoral Theses Supervision:**

- 2008-2012: J. Iudicello, "Watershed-Scale Fate and Transport of Bacteria."
- 2003-2009: D. Sakura-Lemessy, "A Multi-Model Approach to Predicting Pathogen Indicator Bacteria loading in TMDL Analyses."
- 1989-1997: E.D. Swain, "Effects of Variability in Surficial Recharge on Dispersion in Ground Water."

**Committee Member: Doctoral Degree:**

- 2019: Chao Ji, "Development of an Oil Spill Model."
- 2019: Mary Jacketti, "On the Movement of Submerged Oil."
- 2016-2017: Koosha Kiamehr, "Energy Efficiency Improvement of VFD-Motor-Pump/Fan Systems."





**MEMORANDUM**  
(Revised)

**TO:** Honorable Chairwoman Audrey M. Edmonson  
and Members, Board of County Commissioners

**DATE:** April 7, 2020

**FROM:** Abigail Price-Williams  
County Attorney

**SUBJECT:** Agenda Item No. 8(L)(1)

Please note any items checked.

- "3-Day Rule" for committees applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Statement of social equity required
- Ordinance creating a new board requires detailed County Mayor's report for public hearing
- No committee review
- Applicable legislation requires more than a majority vote (i.e., 2/3's present \_\_\_\_, 2/3 membership \_\_\_\_, 3/5's \_\_\_\_, unanimous \_\_\_\_, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) \_\_\_\_, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) \_\_\_\_, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) \_\_\_\_ ) to approve
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved \_\_\_\_\_ Mayor  
Veto \_\_\_\_\_  
Override \_\_\_\_\_

Agenda Item No. 8(L)(1)  
4-7-20

RESOLUTION NO. \_\_\_\_\_

RESOLUTION REAPPOINTING DAVID A. CHIN, PHD, TO  
THE ENVIRONMENTAL QUALITY CONTROL BOARD FOR  
ANOTHER THREE-YEAR TERM

**WHEREAS**, the Miami-Dade County Environmental Quality Control Board is a quasi-judicial board, highly scientific and technical in nature, that hears and considers requests for variances and extensions of time from requirements of Chapter 24 of the Code of Miami-Dade County (“the Code”), the County’s Environmental Protection Ordinance; and

**WHEREAS**, the Miami-Dade County Environmental Quality Control Board also hears and considers appeals of actions or decisions of the Director of the Division of Environmental Resources, within the County’s Department of Regulatory and Economic Resources; and

**WHEREAS**, pursuant to Section 24-8(2) of the Code, the term of office for members of the Environmental Quality Control Board is three years; and

**WHEREAS**, David A. Chin, PhD (“Dr. David A. Chin”), is highly qualified and has served with distinction on the Environmental Quality Control Board, and has reached the expiration of his term as a member of the Environmental Quality Control Board; and

**WHEREAS**, Dr. David A. Chin’s continued service ensures the effective operation of the Environmental Quality Control Board; and

**WHEREAS**, the Board of County Commissioners wishes to reappoint Dr. David A. Chin to another term on the Environmental Quality Control Board; and

**WHEREAS**, a copy of Dr. David A. Chin’s resume is attached as Exhibit 1 to the accompanying memorandum, a copy of which is incorporated herein by reference,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA,** that this Board reappoints Dr. David A. Chin to serve another three-year term as member of the Environmental Quality Control Board.

The foregoing resolution was offered by Commissioner who moved its adoption. The motion was seconded by Commissioner and upon being put to a vote, the vote was as follows:

- |                                |                      |
|--------------------------------|----------------------|
| Audrey M. Edmonson, Chairwoman |                      |
| Rebeca Sosa, Vice Chairwoman   |                      |
| Esteban L. Bovo, Jr.           | Daniella Levine Cava |
| Jose "Pepe" Diaz               | Sally A. Heyman      |
| Eileen Higgins                 | Barbara J. Jordan    |
| Joe A. Martinez                | Jean Monestime       |
| Dennis C. Moss                 | Sen. Javier D. Souto |
| Xavier L. Suarez               |                      |

The Chairperson thereupon declared this resolution duly passed and adopted this 7<sup>th</sup> day of April, 2020. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF  
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: \_\_\_\_\_  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.



David Sherman