



Town Advisory Board (TAB)/ Citizens Advisory Council (CAC) Application

Name of the TAB/CAC Applying for: Winchester

TABs and CACs were created to assist the Board of County Commissioners in an advisory capacity with the decision-making process in the governance of the unincorporated towns and areas of Clark County. There are 8 TABs and 6 CACs that are appointed by the County Commission and 5 TABs that are elected. Each TAB or CAC consists of area residents that serve without compensation for two-year terms and attend regularly scheduled public meetings throughout the year.

Full Name: Michael Anthony Wacker

Phone Number: [REDACTED]

Email Address: [REDACTED]

Home Address: 3039 S Mojave RD, Las Vegas, 89121

Mailing Address: 3039 S Mojave RD, Las Vegas, 89121

Employer: GES

Occupation: Project Geologist

Note: This document and accompanying materials become public record once received by Clark County.

- To be eligible to serve, you must be both a qualified elector (eligible to vote) and a resident of the unincorporated town or area encompassed by the TAB or CAC. Before you continue, please indicate if you meet the eligibility requirements: Yes ☒ No ☐

- Meeting days, times, and frequency vary from one TAB/CAC to another. The schedules are listed here: https://www.clarkcountynv.gov/government/departments/administrative_services/town_liaison_services/tab_cac_information.php

If appointed, will you be able to attend meetings on a regular basis? Yes ☒ No ☐

- Have you attended a Planning Commission or County Commission meeting? Yes ☐ No ☒
- Have you attached the REQUIRED resume or letter of interest? Yes ☒ No ☐



For the following questions, please feel free to attach additional pages as necessary.

Have you attended a TAB or CAC meeting in Clark County? Yes ☒ No ☐

If so, which one and what was your experience?

TAB. It was interesting and it made me want to become more involved n my neighborhood.

Please list any boards or committees that you currently serve on:

None, but I am active on Clark County See, Click, Fix. I was also a long-term Board Member on my Condominium Board of Directors when I lived in Miami.

Why are you interested in becoming a member of your TAB or CAC?

I want to become more involved in my community. I retired here from Miami a year and a half ago and I see many areas in Winchester in need of improvement. I became bored with retirement and found a job that gets me out all over Clark County as a geologist on a drill rig for various building projects. To best serve the community and look for ways to improve I feel that by serving on a Board I will become better educated on the ways of local government. By knowing how things work I can best do what is needed to make my neighborhood better.

ALSO: I will be out of the Country in Brazil from 3 to 17 January 2023. So I will not be available to attend the training on the scheduled date. But if the training is not too long I could do it virtually on Teams or Zoom. I hope this is not a problem as I have scheduled this trip four months ago. I will be available for the training when I get back. I also only live down the block from the Winchester Community Center so regular meeting attendance is not a problem.

I verify by my signature below that all statements made on this application, as well as attached information, are true and complete to the best of my knowledge. I understand that an electronic signature has the same weight and effect as a handwritten signature. I understand than an incomplete application or any modifications to this application will not be accepted or considered.

Michael Anthony Wacker
Michael Anthony Wacker (Nov 13, 2022 12:34 PST)

Nov 13, 2022

Signature

Date

You can submit your application and resume/letter of interest by fax to 702-455-3558, by email to AdministrativeServices@ClarkCountyNV.gov or by mail to: Clark County Administrative Services
Attn: Agenda Coordinator
500 S. Grand Central Pkwy, 6th Floor
Las Vegas, NV 89155

Michael Anthony Wacker

3039 South Mojave Road
Las Vegas, NV 89121
[REDACTED]

EDUCATION

San Diego Community College:	AA	Liberal Arts	1991
Florida International University:	BS/MS	Geology	1996/2001

EXPERIENCE

Geotechnical and Environmental Services Inc., Las Vegas, NV JAN 2022 – Present

Project Geologist for leading environmental/drilling company in Las Vegas. Perform logging of borehole geology and sample collection for various projects in the Las Vegas area including planning of drilling operations.

United States Geological Survey, Davie, FL APR 2002 – JUN 2021 – Retired

Geohydrologist at the Caribbean-Florida Water Science Center, supervising data acquisition, processing, interpretation, and data archiving for the Center Borehole Geophysical Logging Program. Additionally, perform duties as Well-Site Geologist for monitoring well construction from planning, sample and data collection, supervision of drilling contractors, collection, and interpretation of borehole geophysical data; through final acceptance of the completed well. Assists research scientists in the characterization and description of South Florida aquifers by collecting, sample preparation, and processing of geophysical, lithologic, and hydrologic data including preparation of graphics and text for reports. Collect, compute, and release to the public; evapotranspiration data at three Florida lake sites.

Adjunct Professor, Florida International University, Miami, FL September 2003 – Present

Adjunct Lecturer for undergraduate online Introduction to Oceanography course. Have also lectured on Physical Geology, Natural Hazards, and Environmental Geology in the past.

United States Navy, JUL 1999 – MAR 2002

Quartermaster Chief Petty Officer. Recalled to active duty. Plans Assistant on the staff of Commander Amphibious Group THREE at Naval Base San Diego. Supervised and inspected Group navigation teams. Team member responsible for operational planning related to Maritime Prepositioning Force deployment. Completed my MS Degree by flying back and forth while on leave. Retired with an Honorable Discharge.

Florida International University, Miami, Florida JUL 1994-JUN 1999

Undergraduate/Graduate Studies and Research. Structural geology research focusing on fault-related folding in Mesozoic rocks in the San Rafael Swell, central Utah. Specifics include the geometry of thrust related drag folds, kinematic indicators, and localized fracture development. Laboratory instructor for undergraduate Earth Materials and Petrology. Hired as part-time Laboratory Assistant to prepared soil samples from the Everglades National Park for geochemical (ICP, mercury) analysis and prepare samples from the Andes for isotopic age dating.

SKILLS AND FIELD EXPERIENCE

Eighteen years of experience operating all Mount Sopris Inc. logging equipment and processing results using WellCAD software. On-site geologist for drill operations and core collection. Kinematic analysis of fault slip data, analysis of fracture populations and scaling, field mapping, thin-section petrology, field experience in southeast Florida, southern California, Utah, and southern Appalachians.

MEMBER

American Association of Petroleum Geologists, Geological Society of America, American Geophysical Union

PUBLICATIONS

- McBride, W.S., and Wacker, M.A., 2015, Depth-dependent groundwater quality sampling at City of Tallahassee test well 32, Leon County, Florida, 2013: U.S. Geological Survey Open-File Report 2014-1255, 13 p. and 2 appendixes, <http://dx.doi.org/10.3133/ofr20141255>.
- Wacker, M.A., Cunningham, K.J., and Williams, J.H., 2014, Geologic and hydrogeologic frameworks of the Biscayne aquifer in central Miami-Dade County, Florida: U.S. Geological Survey Scientific Investigations Report 2014-5138, 66 p., <http://dx.doi.org/10.3133/sir20145138>.
- Prinos, S.T., Wacker, M.A., Cunningham, K.J., and Fitterman, D.V., 2014, Origins and delineation of saltwater intrusion in the Biscayne aquifer and changes in the distribution of saltwater in Miami-Dade County, Florida: U.S. Geological Survey Scientific Investigations Report 2014-5025, 101 p., <http://dx.doi.org/10.3133/sir20145025>.
- Wacker, M.A., 2010, Tools and data acquisition of borehole geophysical logging for the Florida Power & Light Company Turkey Point Power Plant in support of a groundwater, surface-water, and ecological monitoring plan, Miami-Dade County, Florida: U.S. Geological Survey Open-File Report 2010-1260, 5 p., plus appendix.
- Wacker, M.A., and Cunningham, K.J., 2008, Borehole Geophysical Logging Program: Incorporating New and Existing Techniques in Hydrologic Studies: U.S. Geological Survey Fact Sheet 2008-3098, 4 p.
- Reese, R.S., Wacker, M.A., 2007, Hydrostatic framework and selection and correlation of geophysical log markers in the surficial aquifer system, Palm Beach County, Florida: U.S. Geological Survey Scientific Investigations Map 2971, 2 plates.
- Cunningham, K.J., Rigby, J.K., Wacker, M.A., and Curan, H.A., 2007, First documentation of tidal-channel sponge biostromes (upper Pleistocene, southeastern Florida: *Geology*, May 2007: v.35; no. 5; p. 475-478.
- Cunningham, K.J., Renken, R.A., Wacker, M.A., and others, 2006, Application of carbonate sequence stratigraphy to delineate porosity, preferential flow, and advective transport in the karst limestone of the Biscayne aquifer, SE Florida, USA; in 2006, Harmon, R.S., and Wicks, Carol, eds., *Perspectives on Karst Geomorphology, Hydrology and Geochemistry—A Tribute Volume to Derek C. Ford and William B. White*: Geological Society of America Special Paper 404.
- Cunningham, K.J., Wacker, M.A., Carlson, J.L., Robinson, E., Dixon, J. F., and Wingard, G. L., 2004, A Cyclostratigraphic and Borehole-Geophysical Approach to Development of a Three-Dimensional Conceptual Hydrogeologic Model of the Karstic Biscayne Aquifer, Southeastern Florida: U.S. Geological Survey Scientific Investigations Report 2005-5235, 69 p., plus appendixes.
- Renken, R. A.; Shapiro, A. M.; Cunningham, K. J.; Harvey, R. W.; Metge, D. W.; Zygnerski, M. R.; Osborn, C. L.; Wacker, M. A.; and Ryan, J. N., 2005, Assessing the Vulnerability of a Municipal Well Field to Contamination in a Karst Aquifer: *Environmental & Engineering Science*, Vol. XI, No. 4, p 319-331.
- Cunningham, K.J., Wacker, M.A., Robinson, E., Gefvert, C.J. and Krupa, S.L., 2004, Hydrology and Ground-Water Flow at Levee 31N, Miami-Dade County, Florida, July 2003 to May 2004: U.S. Geological Survey Scientific Investigations Map I-2846, 1 plate.
- Cunningham, K.J., Carlson, J.L., Wingard, G.L., Robinson, E., and Wacker, M.A., 2004, Characterization of Aquifer Heterogeneity Using Cyclostratigraphy and Geophysical Methods in the Upper Part of the Biscayne Aquifer, Southeastern Florida: U.S. Geological Survey Water Resources Investigations Report 03-4208, 66 p.

- Ward, W.C., Cunningham, K.J., Renken, R.A., Wacker, M.A., and Carlson, J.I., 2003, Sequence-Stratigraphic Analysis of the Regional Observation Monitoring Program (ROMP) 29A Test Corehole and Its Relation to Carbonate Porosity and Regional Transmissivity in the Floridan Aquifer System, Highlands County, Florida: U.S. Geological Survey Open-File Report 03-201, 34 p., plus appendixes.
- Wacker, M. A., 2001, Geometries and kinematics of thrust related drag folds: An example from the San Rafael Swell, central Utah. M.S. Thesis, Florida International University
- Wilkins, S.J., Gross, M. R., Wacker, M., Yehuda, E., and Engelder, T., 2001, Faulted joints: kinematics, displacement-length scaling relationships and criteria for their identification: *Journal of Structural Geology*, v.23, p. 315-327.
- Gross, M. R., Gutiérrez-Alonso, G., Taixu Bai, Wacker, M. A., Collinsworth, K. B., and Behl, R. J., 1997, Influence of mechanical stratigraphy and kinematics on fault scaling relations: *Journal of Structural Geology*, v. 19, p. 171-183.

ABSTRACTS

- Krupa, S., Brock, J., Gefvert, C., Shaffer, J., Cunningham, K., Wacker, M., 2008, Recent Developments in Karst Groundwater Flow Measurement in Southeastern Florida, USA, AGU Spring Meeting Abstracts, <https://ui.adsabs.harvard.edu/abs/2008AGUSMNS23A..06K/abstract>
- Cunningham, K. J., Wacker, M. A., Renken, R. A., Shapiro, A. M., Harvey, R. W., Metge, D. W., Krupa, S. L., Gefvert, C. J., and Hickey, T. D., 2004, A sequence-stratigraphic based approach for developing a real-world conceptual hydrogeologic model of the karstic Biscayne aquifer, SE Florida, USA [abstract]: *Geological Society of America Abstracts with Programs*, v. 36, no. 5, p. 31.
- Renken, R. A., Shapiro, A. M., Cunningham, K. J., Harvey, R. W., Zygnerski, M., Metge D. W., Osborn, C. L., Wacker, M. A., 2004, Pathogen transport in a sole source karst aquifer near a public well field – will Everglades limestone mine expansion pose a clear and present danger to public health? [abstract]: *Geological Society of America Abstracts with Programs*, v. 36, no. 5, p. 396.
- Wacker, M. A., and Cunningham, K. J., 2003, Linking full-waveform sonic logs to the hydrology of the karstic Biscayne aquifer, SE Florida [abstract]: *Geological Society of America Abstracts with Programs*, v. 29, no. 6, p. 454.
- Cunningham, K. J., Renken, R. A., Wacker, M. A., Zygnerski, M., 2003, Application of carbonate cycle stratigraphy to delineate porosity and preferential flow and to assess advective transport in the karst limestone of the Biscayne aquifer, SE Florida, USA [abstract]: *Geological Society of America Abstracts with Programs*, v. 29, no. 6, p. 453.
- Manda, A. K., Gross, M. R., Cunningham, K.J., Wacker, M. A., 2003, Quantifying macropore geometry and distribution in the Biscayne Aquifer using GIS and image analysis [abstract]: *Geological Society of America Abstracts with Programs*, v. 29, no. 6, p. 224.
- Wilkins, S. J., Gross, M. R., and Wacker, M. A., 1998, Fault development in interbedded clastic sedimentary rock: [abstract]: *American Association of Petroleum Geologists Abstracts with Programs*, CD ROM.
- Wacker, M. A., Gross, M. R., Wilkins, S. J., and Neuhauser, K. R., 1997, Thrusts and related drag folds in the San Rafael Swell: an example from Cedar Mountain, Utah [abstract]: *Geological Society of America Abstracts with Programs*, v. 29, no. 6, p. 224.

Wilkins, S. J., Gross, M. R., and Wacker, M. A., 1997, Fracture partitioning as a function of bed thickness [abstract]: Geological Society of America Abstracts with Programs, v. 29, no. 6, p. 221.

Wacker, M. A., Collinsworth, K. B., Bai, Taixu, Gross, M. R., and Gutiérrez-Alonso, G., 1995, The influence of bedding plane detachments on length-displacement scaling relationships for normal faults: an example from Arroyo Burro Beach, California: [abstract]: Geological Society of America Abstracts with Programs, v. 27, no. 6, p. 219

Archived Borehole Geophysical Data

Borehole geophysical data collected since 2003 by me in Florida are available at:
<https://webapps.usgs.gov/GeoLogLocator>



3039 S MOJAVE RD X Q

i Property Information



Parcel: 16212715035



Print

Owner Name(s): WACKER

MICHAEL ANTHONY

Site Address: 3039 S MOJAVE RD

Jurisdiction: CC Winchester - 89121

Sale Date: 01/2021

Sale Price: \$335,000

Estimated Lot Size: 0.18

Construction Year: 1971

Recorded Doc Number: 20210122

00001851

Aerial Flight Date: 2022-09-23

Zoning and Planned Land Use

Legal Description

Ownership

Flood Zone

Elected Officials

Commissioner: E - Tick Segerblom (D)

U.S. Senate: Jacky Rosen, Catherine
Cortez-Masto

U.S. Congress: 1 - Dina Titus (D)

State Senate: 21 - James Ohrenschall (D)

State Assembly: 14 - Maggie Carlton (D)

School District: D - Irene Cepeda

University Regent: 5 - Patrick Boylan

Board of Education: 1 - Tim Hughes

Minor Civil Division: Las Vegas

Township: CC Winchester