



Chartered 1708

Office of the Mayor
Gavin Buckley, Mayor
160 Duke of Gloucester Street
Annapolis, MD 21401-2517

October 30, 2020

To: Alderpersons, City of Annapolis

From: Mayor Gavin Buckley

Re: Environmental Commission appointment

Pending your approval, I would like to appoint Mr. Jeremy Hanson to the Environmental Commission. Mr. Hanson is a resident of Ward 5 and this appointment fills a vacancy on the commission.

Jeremy Hanson
53 Gentry Ct.
Annapolis MD 21401

A copy of his resume is attached.

Thank You.

GB/hrr

Reviewed by: <u>Environmental Matters Committee</u>	
<input type="checkbox"/> Favorable	<input type="checkbox"/> Unfavorable
_____	_____
Committee Chair	Date

AP-45-20



City of Annapolis
 Office of the Mayor
 160 Duke of Gloucester Street
 Annapolis, MD 21401-2517

Mayor@annapolis.gov • 410-263-7997 • Fax 410-216-9284 • TDD use MD Relay or 711 • www.annapolis.gov

Boards and Commissions Application

Personal information

Name Jeremy Hanson
 Address 53 Gentry Ct
 City Annapolis ST MD Zip 21403
 Phones Home (443) 852-9092 Other (443) 852-9092
 E-mail j.hanson241@gmail.com

Statement of interest – Why should you be appointed to this board/commission?

I grew up in Nebraska - the home of Arbor Day - and I find that Annapolis is the ideal fit for me in many respects. I am eager to learn as much as I can about the City and its environmental issues and efforts while adding my perspective as part of the Annapolis Environmental Commission.

I have worked in Eastport since 2012 at the Chesapeake Bay Program while living inside Annapolis and on the outskirts (Parole). Thanks to my education, and personal professional experiences, I have a unique perspective about local environmental issues, with an awareness of innovative approaches and programs throughout the Chesapeake Bay Watershed and nationally. I am confident that my knowledge and experience, combined with my commitment to continued learning will be a valuable asset to the Commission.

Are you a resident of the City of Annapolis? Yes No

Are you an employee of the City of Annapolis? Yes No
 If yes, please state your job title, department & duties.

Do you do business with the City of Annapolis? Yes No
 If yes, please detail.

Are you currently serving on any city boards or commissions? Yes No
 If yes, please list board(s).

Work experience (titles and duties)

Virginia Tech. Project Associate, Expert Panel BMP Assessment (August 2014 to Present)
--Facilitate panels of scientific and technical experts to determine the ability of Best Management Practices (BMPs) to reduce loads of nitrogen, phosphorus and sediment to the Chesapeake Bay.
--Alongside the panelists, compile and revise detailed report that details their considerations and conclusions.
--Coordinate extensive stakeholder review and feedback process for each expert panel report, culminating in a consensus approval of the report, as amended in response to feedback.
--Serve as a resource and liaison for partners and stakeholders with questions about BMP implementation and the Chesapeake Bay Program modeling tools, along with other strategic support as needed.

Chesapeake Research Consortium. Water Quality Goal Implementation Team Fellow (July 2012 to August 2014)

University of Maryland Environmental Finance Center. Program/Research Assistant (October 2011 to June 2012)

University of Maryland School of Public Policy. Writing Coach (August 2011 to May 2012)

Chesapeake Bay Foundation. Lands Program Intern (May 2011 to August 2011)

Optimal Solutions Group, LLC. Health Policy Intern (October 2010 to May 2011)

Educational background (certificates, diplomas, degrees, seminars, etc)

Master of Agricultural and Life Science, Virginia Tech (online), ongoing. Specialization: Environmental Science

Master of Public Policy, University of Maryland - College Park, 2012. Specialization: Environmental Policy, with certificate in Environmental Finance. 3.94 GPA.

Bachelor of Arts, with distinction. University of Nebraska - Lincoln, 2010. Double major: Economics, Political Science. Minor: Mathematics. 3.79 GPA.

Other experience (volunteer experience, memberships etc)

Red Cross blood donor with 20+ units donated since 2016; participant in O-Negative Heroes for Babies Program

Musical theater: ensemble member in Mary Poppins (2017) and Ragtime (2018) with 2nd Star Productions in Bowie

Alternative Spring Break service trips as a graduate student at University of Maryland (2011 as a participant for Chesapeake Bay trip spending the week with Chesapeake Bay Foundation staff to plant trees and do other environmental volunteer work; 2012 as a staff adviser for trip to Bland, Virginia, to serve various local nonprofits that support their local residents)

References

Name Rich Batiuk Phone (410) 268-5226

Address 3123 Starboard Drive, Annapolis, MD 21403

Name Jeff Sweeney Phone (410) 533-6617

Address 52 East Street, Annapolis, MD 21401

Name Beth McGee Phone (410) 980-9523

Address 6 Herndon Ave, Annapolis, MD 21403

Appointees are subject to the provisions of the City of Annapolis Ethics Code, Annapolis City Code Chapter 2.08. Appointees are strongly encouraged to review this Code and contact the City of Annapolis Office of Law and/or City of Annapolis Ethics Commission with all inquiries.

Signature Date 1/14/20

E-mail electronically completed form to boards@annapolis.gov. Paper copies may be faxed to 410-216-8284 or mailed to the Mayor's Office address above, attention Boards and Commissions Coordinator.

JEREMY C. HANSON

53 Gentry Ct, Annapolis, MD 21403 | (443) 852-9092 | j.hanson241@gmail.com

EDUCATION

- Ongoing **Master of Agricultural and Life Sciences, *Virginia Tech (online)***
Current GPA: 4.0, Specialization: Environmental Science
- 2012 **Master of Public Policy, *University of Maryland – College Park***
GPA: 3.94, Specialization: Environmental Policy, with Environmental Finance certificate
- 2010 **Bachelor of Arts, with Distinction, *University of Nebraska – Lincoln***
GPA: 3.79, Double major: Economics, Political Science; Minor: Mathematics

RELEVANT WORK EXPERIENCE

- August 2014 – Present **Project Coordinator, Expert Panel BMP Assessment, *Virginia Tech Chesapeake Bay Program, Annapolis, MD***
- Coordinate multiple concurrent panels consisting of six or more scientific experts from around the country to review and document best management practice (BMP) nitrogen, phosphorus and sediment reduction performance in the Chesapeake Bay Watershed, under Virginia Tech's cooperative agreement with the EPA Chesapeake Bay Program (CBP).
 - Develop and distribute reports documenting panel recommendations for review, comment and approval by the CBP partnership's Water Quality Goal Implementation Team (WQGIT), workgroups and advisory committees.
 - Compile partnership comments on draft panel reports, soliciting follow-up clarifications and articulating specific revisions to achieve CBP partnership approval.
 - Educate panel experts about the CBP and the role that BMP expert panels play in the larger partnership modeling tools, and subsequently in the Chesapeake Bay Total Maximum Daily Load (TMDL) framework.
 - Present updates to workgroups on behalf of panels, solicit and communicate exchange of feedback between the panel, CBP technical staff or other partners as needed.
 - Host public forums and webinars to inform stakeholders and interested parties about expert panels and solicit input; twelve hosted as of April 2019.
 - Develop and continue to edit and maintain the "BMP Guide" which compiles information from model and CAST documentation, panel reports and other partnership sources into one user-friendly document.
- July 2012 – August 2014 **Water Quality Goal Implementation Team Staffer, *Chesapeake Research Consortium***
Chesapeake Bay Program, Annapolis, MD
- Co-facilitated and assisted coordination of BMP expert panels with the Chesapeake Stormwater Network, including street sweeping and erosion and sediment control practices.
 - Assisted CBP Associate Director of Science and Implementation in developing the partnership's Chesapeake Bay basinwide BMP verification framework.

- Supported coordination and strategic function of the WQGIT and associated workgroups, including Urban Stormwater, Wastewater Treatment, Watershed Technical, and Trading and Offsets workgroups. This included drafting and editing an estimated 1,000 pages of meeting minutes over two years.
- Provided technical support for Chesapeake Stormwater Network webcasts that deliver outreach to local, state and non-government professionals on recent CBP-approved stormwater BMPs.

October 2011 – **Program/Research Assistant, *University of Maryland Environmental Finance Center***

June 2012

College Park, MD

- Assisted with literature review and investigation of beverage container deposit laws (bottle bills) in various states, and assessed feasibility of similar legislation in Maryland.
- Supported consultations with local governments to develop strategic plans and budgets for stormwater management programs.
- Delivered background research and briefings to senior staff in preparation for workshops, conference calls, and meetings.

August 2011 – **Writing Coach, *University of Maryland School of Public Policy***

May 2012

College Park, MD

- Provided one-on-one guidance to 20 first-year graduate students to hone their professional writing skills.

May 2011 – **Lands Program Intern, *Chesapeake Bay Foundation***

August 2011

Annapolis, MD

- Researched compliance and performance of forest conservation and wetland mitigation banking in Maryland.
- Analyzed and gathered research for Federal Affairs staff on water quality trading.
- Carried out extensive literature review on mitigation banking and environmental markets; developed annotated summary of significant sources.
- Attended local Watershed Implementation Plan public meetings with CBF staff.

October 2010 – **Health Policy Research Center Intern, *Optimal Solutions Group, LLC***

May 2011

College Park, MD

- Examined literature to evaluate the impacts of diversity in the scientific workforce.
- Edited reports and compiled annotated summaries for deliverables.
- Coded over 300 peer-reviewed and gray literature articles into a database for analysis.

August 2008 – **Intern and Graduate Research Assistant, *University of Nebraska Public***

May 2010

Policy Center

Lincoln, NE (July – August 2010)

- Assisted National Science Foundation-funded investigation into public participation in nanotechnology policy.
- Organized over 700 journal articles and compiled them within a reference manager.
- Created handouts and questionnaires for focus groups.

Student Researcher, University of Nebraska Undergraduate Creative Activities and Research Experiences (UCARE)

Lincoln, NE (August 2009 – May 2010)

- Compiled data on Congressional hearings, House and Senate party composition, air emissions data for various pollutants, and economic downturns.
- Executed multivariate analysis to evaluate which political, social, environmental, or economic variables had strongest correlation to federal focus on clean air legislation.

Research Assistant, University of Nebraska Undergraduate Creative Activities and Research Experiences (UCARE)

Lincoln, NE (August 2008 – May 2009)

- Proofread 15 chapters of faculty advisor's book on the economics of immigration
- Reviewed and located peer-reviewed and gray literature related to immigration as directed by faculty sponsor.

PUBLICATIONS

Chesapeake Bay Program Reports, as editor or contributor

Law, N., Boomer, K., Christie, J., ...Strano, S., and D. Wardrop. (In development, expected partnership review Summer 2019). *Recommendations of the Wetland Expert Panel for the nitrogen, phosphorus and sediment estimates for nontidal wetland best management practices (BMP): rehabilitation, enhancement and creation*. CBP/TRS-327-19.

Bryant, R., Baldwin, A., Cahall, B., Christianson, L., Jaynes, D., and C. Penn. (In development, expected partnership review Summer 2019). *Best Management Practices for Agricultural Ditch Management in the Phase 6 Chesapeake Bay Watershed Model*. CBP/TRS-326-19.

Sexton, T., Adkins, J., Denver, J., McCarty, G., and C. Whaley. (2019; In Partnership Review).

Recommendations of the BMP Expert Panel for Cropland Irrigation. Hanson, J. and L. Collins, editors. CBP/TRS-325-19.

Chesapeake Bay Program. (2018). *Chesapeake Bay Program Quick Reference Guide for Best Management Practices (BMPs): Nonpoint Source BMPs to Reduce Nitrogen, Phosphorus and Sediment Loads to the Chesapeake Bay and its Local Waters*. Hanson, J., editor. CBP/TRS-323-18. https://www.chesapeakebay.net/documents/BMP-Guide_Full.pdf

Mason, P., Spagnolo, R., Boomer, K. ...Thompson, J., and T. Uybarreta. (2016). *Wetlands and Wetland Restoration: Recommendations of the Wetland Expert Panel for the incorporation of nontidal wetland best management practices and land uses in the Phase 6 Chesapeake Bay Watershed Model*. Hanson, J., and A. Molloy, editors. CBP/TRS-314-16. Approved by CBP WQGIT, December 2016. <http://www.chesapeakebay.net/publications/title/24978>

Evanylo, G., Montalto, F., Papacosma, J., Sample, D., Shafer, J., and R. Winston. (2016). *Recommendations of the Expert Panel to Define Removal Rates for Disconnecting Existing Impervious Area Runoff from Stormwater Drainage Systems*. Stack, B., Christianson, R., Fraley-McNeal, L., and J. Hanson, editors. CBP/TRS-313-16. Approved by CBP WQGIT, December 2016. <http://www.chesapeakebay.net/publications/title/24976>

Hawkins, S., Hamilton, D., McIntosh, B., Moyle, J., Risse, M., and P. Vanderstappen. (2016). *Animal Waste Management Systems: Recommendations from the BMP Expert Panel for Animal Waste Management Systems in the Phase 6 Watershed Model*. Hawkins, S. and J. Hanson, editors. CBP/TRS-315-16. Approved by CBP WQGIT, December 2016. <http://www.chesapeakebay.net/publications/title/25080>

Hamilton, D., Cantrell, K. Chastain, J., Ludwig, A., Meinen, R., Ogejo, J., and J. Porter. (2016). *Manure Treatment Technologies: Recommendations from the Manure Treatment Technologies Expert Panel to the CBP WQGIT to define Manure Treatment Technologies as a Best Management*

Practice. Hamilton, D., and J. Hanson, editors. CBP/TRS-311-16. Approved by CBP WQGIT, September 2016. <http://www.chesapeakebay.net/publications/title/24977>

Cappiella, K., Claggett, S., Cline, K., Day, S., Galvin, M., MacDonagh, P., Sanders, J., Whitlow, T., and Q. Xiao. (2016). *Recommendations of the Expert Panel to Define BMP Effectiveness for Urban Tree Canopy Expansion*. Law, N., and J. Hanson, editors. CBP/TRS-312-16. Approved by CBP WQGIT, September 2016. <http://www.chesapeakebay.net/publications/title/24597>

Donner, S., Frost, B., Goulet, N., Hurd, M., Law, N., MaGuire, T., Selbig, B., Shafer, J., Stewart, S., and J. Tribo. (2015). *Recommendations of the Expert Panel to Define Removal Rates for Street and Storm Drain Cleaning Practices*. Schueler, T., Giese, E., Hanson, J., and D. Wood, editors. Approved by CBP WQGIT, September 2015. [http://www.chesapeakebay.net/publications/title/street sweeping and storm drain cleaning expert panel report](http://www.chesapeakebay.net/publications/title/street%20sweeping%20and%20storm%20drain%20cleaning%20expert%20panel%20report)

Clark, S., Grose, M., Greer, R., Jarrett, A., Kunkel, S., Lake, D., Law, N., McCutcheon, J., McLaughlin, R., Mumaw K., and B. Young. (2014). *Recommendations of the Expert Panel to Define Removal Rates for Erosion and Sediment Control Practices*. Hanson, J. Schueler, T., and C. Lane, editors. Approved by CBP WQGIT, April 2014. [http://www.chesapeakebay.net/publications/title/recommendations of the esc expert panel](http://www.chesapeakebay.net/publications/title/recommendations%20of%20the%20esc%20expert%20panel)

Other Publications

Hanson, J. C. (2011). [Book review] *Bioeconomics of Invasive Species: Integrating Ecology, Economics, Policy, and Management*, Reuben P. Keller, David M. Lodge, Mark A. Lewis, Jason F. Shogren, Editors, (2009) Oxford University Press 978-0-19-536798-0, 298 pp. *Ecological Economics*, 70(12), 2533. doi: 10.1016/j.ecolecon.2011.07.007

Conference Presentations

Hanson, J., and M. Dubin. (2017). *Developing Science-Based Estimates of Best Management Practice Effectiveness for the Phase 6 Chesapeake Bay Watershed Model*. Presented at Waste to Worth, Cary, NC. <https://articles.extension.org/pages/74391/developing-science-based-estimates-of-best-management-practice-effectiveness-for-the-phase-6-chesapeake>

Hanson, J. (2014). *The Counting Challenge: BMPs in the Chesapeake Bay Watershed*. Presented at the Conference on Ecological and Ecosystem Restoration, New Orleans, LA.

HONORS

Environmental Management Career Development Fellowship	2012 – 2014
Pi Alpha Alpha National Honor Society	2012
Joseph W. Rogers Internship Award	2011
Nebraska Top Scholar; Regents Scholarship recipient	2006 – 2010
Undergraduate Creative Activities and Research Experiences (UCARE) Grant	2008 – 2010
University of Nebraska Honors Program	2006 – 2010

VOLUNTEER AND OTHER ACTIVITIES

Red Cross blood donor, O Negative Heroes for Babies program	November 2016 – Present
Alternative Spring Break: Bland, VA (staff advisor)	October 2011 – April 2012
Chesapeake Bay (participant)	October 2010 – March 2012
MSPP Graduate Student Enviro Council	September 2010 – May 2012
Executive board member	April 2011 – May 2012
University of Nebraska Cornhusker Marching Band	August 2006 – January 2010
Rank Leader; Misty's Pep Band member	April 2009 – January 2010

INTERESTS

Reading, hiking and exploring the outdoors with my dog, disc golf, bowling, and local musical theater.