

Meet the Staffers



Emma Giese

Jeremy Hanson

CRC Staff

Chesapeake Bay Program WQGIT

Presented to STAC

March 18, 2014

Outline



- What is a BMP?
- Intro to Emma and Jeremy
- WQGIT highlights
- Workgroup activities
- Our professional development
- Future plans

WQGIT



~~Big Mud Puddle~~

~~Bone Morphogenetic Protein~~

~~Big Mama's Pajamas~~

~~Best Musical Production~~

~~Bavarian Motor Parts~~

~~Best Matching Prefix~~

~~Behavior Management Plan~~

~~Bit Map Picture~~

BMP = Best Management Practice

Emma Giese



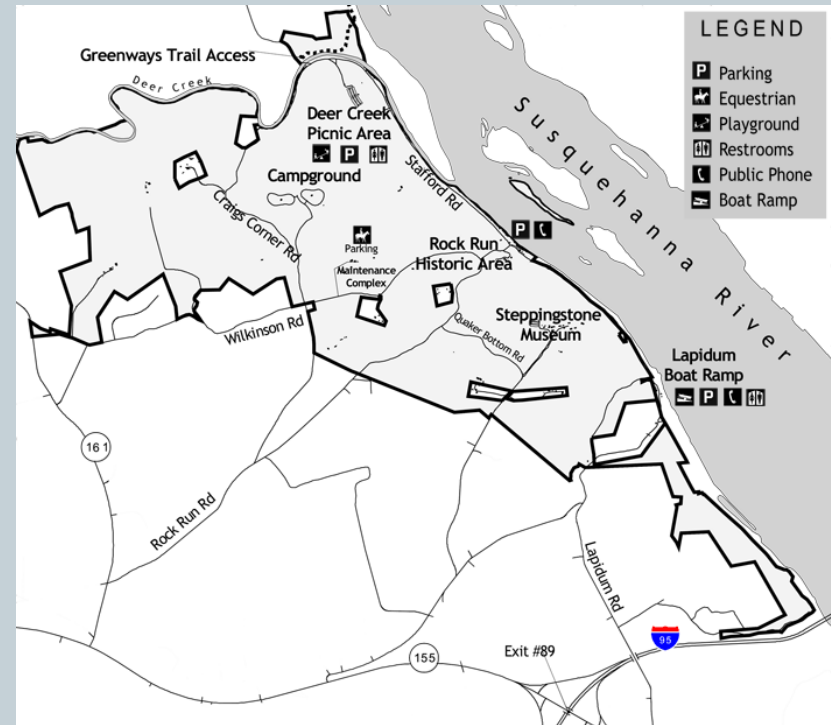
- B.S., Geology, Michigan State University (2010)



Emma Giese



- Americorps volunteer with Maryland DNR
 - Tree planting, trail work, coordinate volunteers
 - Crew member and team leader



Jeremy Hanson



- Master of Public Policy (2012)
 - Environmental Policy
 - Environmental Finance certificate
- B.A., Economics & Political Science (2010)
 - Mathematics minor



Photo credit: huskers.com

Jeremy Hanson



- Joined CRC in July 2012.
- Prior to CRC, interned or worked for:
 - Environmental Finance Center
 - Chesapeake Bay Foundation
 - Public Policy Center, University of Nebraska



WQGIT Highlights



- Water Quality Goal Team
 - Midpoint Assessment
 - Reviewing BMP Expert Panel Reports



Workgroup Highlights



- **BMP Verification**

- Establishment of 13 member BMP Review Panel
- PSC approval of BMP Verification Principles, December 2012
- Release of 2nd draft of basinwide BMP verification framework document in February 2014

- **Agriculture Workgroup**

- WQGIT approval of three Phase 5.3.2 BMP Panel Reports, Cover Crops, Conservation Tillage and Nutrient Management
 - ✦ Manure Treatment Technology
- Agricultural Modeling Subgroup

...more highlights



- **Urban Stormwater Workgroup**
 - WQGIT approval of four BMP expert panel reports: Performance Standards, Retrofits, Urban Stream Restoration, and Urban Nutrient Management
 - ✦ Two more approaching WQGIT approval: Erosion & Sediment Control for construction sites, and Urban Filter Strips
 - WQGIT approval of method for reporting verified homeowner BMPs for credit
- **Land Use Workgroup**
 - Local land use data collection

Professional development – Emma

- GIS & Mapping
- Restoration work & community projects
- Independent Project
 - Agricultural Modeling



Professional development – Jeremy



- Green stormwater infrastructure training
- LEED-Green Associate
- Watershed Stewards Academy



Future Plans and Interests



- Emma

- ~~Ruling the world~~
- Go to grad school
 - ✦ Environmental science
 - ✦ Mapping

- Jeremy

- ~~Overthrowing the yoke of global oppression~~
- Blend of research, advocacy, and implementation

Questions?



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