

Agricultural BMP Engineering Workgroup Agenda  
Department of Forestry, Board Room  
Charlottesville, VA  
October 31, 2017

- 10:00 AM-Introductions
- Training
  - Area JEDs
    - § *November 14 dam rehab JED*
  - ICE
    - § *General update on the May 2017 ICE class, 9 District employees attended and DCR engineering staff assisting with the class.*
  - Graves
    - § *General update. Great reviews from the evaluations.*
  - Plan for 2018 Training
    - § *Start January and February*
    - § *Engineering 101 in P. George*
    - § *Inverse on training from last fall*
      - *Farmville-watering system*
      - *Stream crossings in SW*
    - § *Employee association doing survey to send out statewide for not just engineering*
      - *We can use this to plan future trainings.*
    - § *Training on concrete is needed.*
  - Special Guest-Andrew Gilmer, Clinch Valley SWCD and President of the District Employees Association
    - § *Evaluations from Graves people requesting more technical training, what can the employee association do to help with this*
    - § *Statewide survey will go out*
    - § *Talked to Chad Wentz about ICE*
    - § *Maybe the employee association can write a letter to Jack Bricker emphasizing the need for another ICE class.*
    - § *Still wants to talk about the possibility of doing our own ICE, but this discussion was put off pending the results of the survey.*
    - § *Districts have a high rate of turnover. What are the basics that are needed?*
      - *Survey*

- § *Wayne-Maybe we need to do something more like the mentoring plan. Send new employees to other Districts for training.*
  - § *Maybe we track new employees and have classes just for them, send to DCR Engineering and the EWG with the help of the Employee's association*
  - § *Conservation planning and engineering go together*
  - § *Doing survey hopefully by the annual meeting*
  - § *Invite Andrew back next EWG meeting to discuss the results*
  - § *About the mentoring process, do not lose the idea to be able to call someone at another district for help. Maybe the employee association can help convince boards to let their folks help train others.*
- EJAA
  - DPOR Update and General Status Update
    - § *Staff attended DPOR meeting on September 14<sup>th</sup>. DPOR agreed practices are exempt from licensing laws.*
    - § *Presenting Guidance Document to the Soil and Water Board in December*
  - Review Update
    - § *Not doing any new reviews until the first of the year. Will be sending out a quarterly schedule to help make the reviews more efficient.*
  - Guidance Document Outline Review
- Watering Systems
  - Water Budgets
  - Reservoirs
    - § Using them for Storage
      - *Need the water budget, not always a solution*
    - § Using them for pressure reduction
      - *Cheaper ways to achieve this.*
  - Low Yield Wells
    - § *Some of the problem poor well yield test*
    - § *If the yield is low, need to make sure someone is checking it better*
    - § *Well performance criteria, well yield capacity should be a certain amount, this needs to be tied to herd size*
    - § *Need to have the discussion if the yield is under a certain amount*
    - § *Define "low yield" ie pumping rate exceeds yield*
- Animal Waste
  - Required review, does not apply if NRCS piggyback project
  - Soils investigations
    - § DCR issued plans
      - *DCR engineer will do soils investigation*

§ PE plans

- *PE is required to provide a statement that soils are adequate*
- New Topics
- 3:30 or earlier-Adjourn

**Please note we will break for lunch where convenient**