

CFWI - Single permitting model tool

Discussion

4/21/16

- Do we want a singular model, multiple models based on the potential resource impact, or a set of modeling criteria?
 - Are applicants going to be given options on models?
 - Is a model included in future rules?
 - How are model updates handled?
- Do all applicants have to use the same tool?
 - Any difference for small applications?
 - Other modeling approaches acceptable?
 - Analytic / numeric
 - Density dependent
 - SAS or SW withdrawals only
 - GW / SW interactions
- Is a model always necessary?
 - No change in allocation vs. no change in actual use
 - Permit renewals
 - Role of existing monitoring data
- Model administration
 - Who maintains the model?
 - Who runs the model?
 - Model specs
 - Sensitivity – minimum withdrawal that the model can see
 - Error – confidence in results to make a harm determination (ELUs, wetlands, springs, etc.)
 - Linked to definition of “harmful to the water resources”
 - Need answers both individually and cumulatively