

A SOLID FOUNDATION: DISTRICT QUALITY CONTROL (DQC)

Webinar 2.0

Prepared by FRM-PCX



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NOTE:
TAMPER GATE
NOT SHOWN

KEY POINTS

1. Effective DQC is thorough and rigorous, leads to an efficient ATR, and takes time; DQC is backbone of Corps' quality process
2. ATR Team Verifies DQC Activities are Appropriate and Effective



KEY POINT 1: EFFECTIVE DQC IS THOROUGH AND RIGOROUS, LEADS TO EFFICIENT ATR, AND TAKES TIME

- **Thorough:**

- Seamless (occurs *throughout* the study process), both formally/informally; focused DQC of key products/documents but also DQC of critical assumptions/methods, etc. seamlessly throughout study
- Integrated (multiple types): supervisory, cross-discipline consistent, PDT

- **Rigorous:**

- Relevant questions/items to consider during DQC: Risks properly characterized? Complies with USACE policy requirements? Calculations correct?

- **Effective:**

- A work product that has completed DQC should be considered a final document acceptable for release....Yes, it should be this good!
- Takes time!



RESULT OF EFFECTIVE DQC: SOLID FOUNDATION AND FRAMEWORK



RESULT OF INEFFECTIVE DQC: SHAKY FOUNDATION AND FRAMEWORK



KEY POINT 2: ATR TEAM ENSURES DQC ACTIVITIES ARE APPROPRIATE AND EFFECTIVE

- Review DQC comments/responses; DQC Lead and ATR Lead required to coordinate per EC 1165-2-217
- Have the questions/items on DQC lists been addressed? Have the recommended actions to resolve the comments been incorporated in the report/analysis?
- But, what happens if it appears DQC not up to par?
 - Request additional resources (time and money) to complete ATR in order to make up for sub-par DQC
 - Defer ATR until DQC is completed adequately
 - Different situations require different approaches



BEST PRACTICES

- Have DQCs throughout the study process, not just when key products/documents are completed
- Include multiple reviews as part of the overall DQC process
- Keep a list of questions that you develop over time as you work on studies
- Build in enough time into your schedules for DQC activities (formal and informal)
- DQC and ATR leads coordinate with one another prior to ATR
- ATR team members review DQC comments, responses, and action items



SOLID FRAMEWORK, SOLID PRODUCT



SHAKY FRAMEWORK, QUESTIONABLE PRODUCT

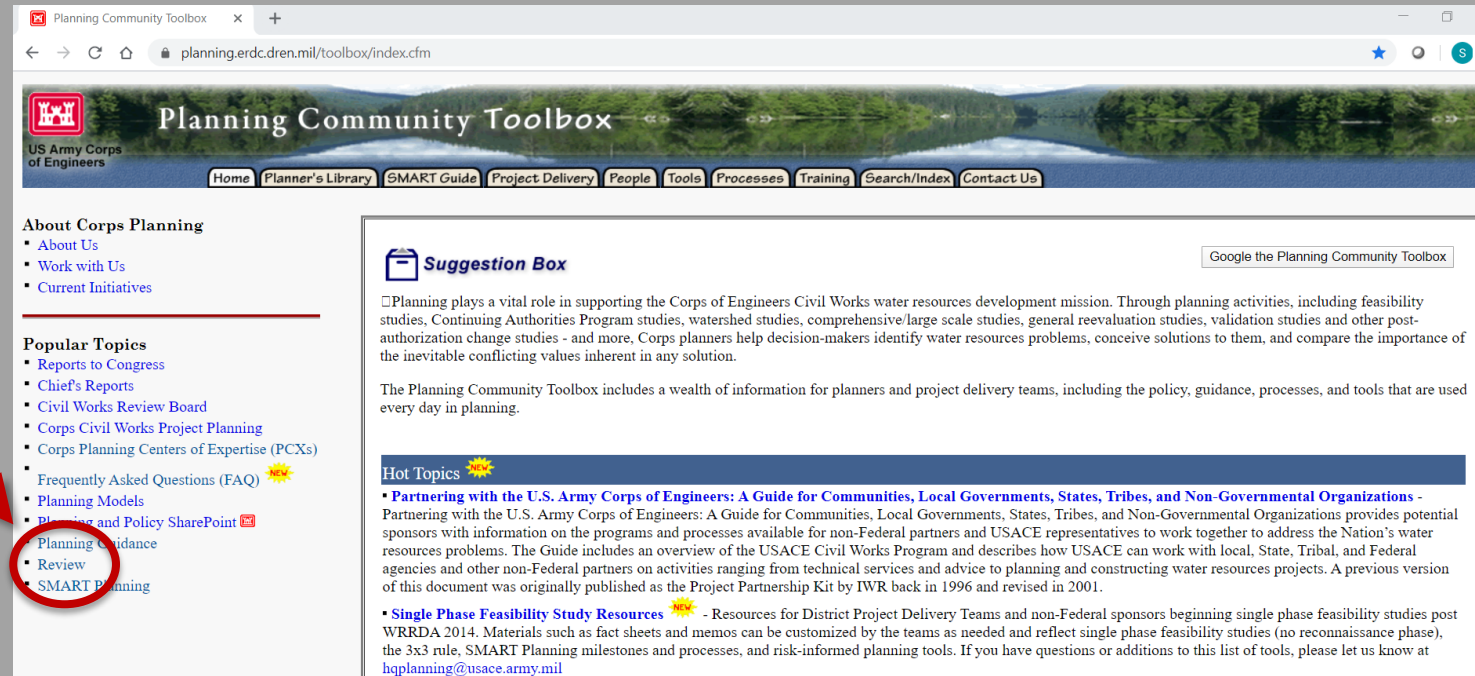


REFERENCES

- EC 1165-2-217, Chapter 4 (Comprehensive discussion of DQC)
- EC 1165-2-217, Chapter 4, Sections 4.7.1.1 and 4.7.1.2 (Questions to consider/items to evaluate when performing DQC)
- EC 1165-2-217, Chapter 5, Section 5.6.1 (What to do if DQC activities do not appear to be appropriate/effective)
- [Planning Center of Expertise Guild DQC Primer](#)



For more information check out the “Review” tab on the Planning Community Toolbox



Planning Community Toolbox: <http://www.corpsplanning.us>

