



Susquehanna River Basin Commission

SUSQUEHANNA RIVER PUBLIC WATER SUPPLY ASSISTANCE PROGRAM WORKSHOP
BASIN COMMISSION

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NY PA MD USA

October 30, 2019
Planning For Renewals Work Session Questionnaire

Background:

1. System name/ well name:
2. Previously approved quantity:
3. Current 30-day demand for system:
 - a. Briefly list all sources for the system, including interconnections and grandfathered sources, and their capacities:
4. 15-year projected 30-day demand for system:
5. Current 30-day average for well:
6. Expected renewal quantity for the well:
7. Rate permitted with other agencies:
8. Well construction:
 - a. Total depth
 - b. Depth to pump/ screen
 - c. Depth of primary water bearing zone
9. Type of Aquifer (alluvial/ glacial, bedrock)
10. Confined or unconfined aquifer?

Historical Testing:

11. Was test completed (if No, skip this section)? If yes, was it a Commission approved test?
Date of Plan approval?
12. How many wells (not including test well) were monitored (provide distance to well, use of well)?
13. Were surface water features monitored? (If yes, describe)
14. Was the test a constant rate test? What was the test rate?
15. Where was test discharge?
16. Duration of test?
17. Precipitation during test?

18. Results?

Historical Operation:

19. Are water levels collected? If so, how frequently and are water level records available?

20. Has the well been operated at or near the approved rate?

21. How has the well been operated during drought conditions?

a. Is the well limited due to low water levels?

b. Does the yield decline (If yes, describe)?

c. Is the screen or water bearing zones exposed?

d. After drought conditions are over, do water levels recover?

22. What is the long-term trend of water levels in the well/ aquifer?

23. Does the operational data match the test results?

24. Have any maintenance events been completed on the well?

Impacts to Other Users or the Environment:

25. Are surface water features present within the area of influence (AOI)?

a. Wetlands?

b. Streams?

26. Are rare, threatened, or endangered species present that may be impacted by the withdrawal?

27. Are surface water features of exceptional value (if yes, explain)?

28. Does the service area for the PWS include the entire AOI?

29. Are other groundwater users within the AOI (Including springs, seeps, wells)?