

**Appendix D:
pH Calibration and Validation Results**

Figure D-1. pH calibration plot for UT to Jennings Run (WM-33/UJN0005)	3
Figure D-2. pH calibration plot for UT to Jennings Run (WM-34/UJH0015)	3
Figure D-3. pH calibration plot for Three Forks Run (WM-42/TFR0021)	3
Figure D-4. pH calibration plot for Wolfden Run (WM-43/WOL0004)	4
Figure D-5. pH calibration plot for Elklick Run (WM-45/EKL0003).....	4
Figure D-6. pH calibration plot for North Prog Lostland Run (WM-50/NPL0001).....	4
Figure D-7. pH calibration plot for South Prong Lostland Run (WM-51/SPL0016)	5
Figure D-8. pH calibration plot for Three Forks Run (WM-54/TFR0016)	5
Figure D-9. pH calibration plot for UT to Laurel Run (WM-62/ULF0003).....	5
Figure D-10. pH calibration plot for UT to Savage River above Aaron Run (WM-72/ZWV0001).....	6
Figure D-11. pH calibration plot for Aaron Run (WM-73/AAR0000).....	6
Figure D-12. pH calibration plot for Miller Run (WM-80/MRR0000)	6
Figure D-13. pH calibration plot for Little Savage River (WM-86/LSA0028)	7
Figure D-14. pH calibration plot for Poplar Lick Run (WM-96/POP0065).....	7
Figure D-15. pH calibration plot for UT to Georges Creek (WM-110/UGQ0000).....	7
Figure D-16. pH calibration plot for Jackson Run (WM-113/JAC0001)	8
Figure D-17. pH calibration plot for Staub Run (WM-117/STA0024).....	8
Figure D-18. pH calibration plot for Winebrenner Run (WM-119/WBN0002).....	8
Figure D-19. pH calibration plot for Jackson Run (WM-125/JAC0006)	9
Figure D-20. pH calibration plot for Little Laurel Run (WM-141/LLR0009).....	9
Figure D-21. pH calibration plot for North Branch Casselman River (WM-142/NBC0072).....	9
Figure D-22. pH calibration plot for South Branch Casselman River (WM-143/SCA0067)	10
Figure D-23. pH calibration plot for Tarkiln Run (WM-146/TAR0003)	10
Figure D-24. pH calibration plot for North Branch Casselman River (WM-148/NBC0106).....	10
Figure D-25. pH calibration plot for UT to North Branch Casselman River (WM-151/UNA0015).....	11
Figure D-26. pH calibration plot for Little Shade Run (WM-155/LSR0015)	11
Figure D-27. pH validation plot for UT to Jennings Run (WM-37/UJF0002)	11
Figure D-28. pH validation plot for Jennings Run (WM-39/JEN0092)	12
Figure D-29. pH validation plot for UT to Jennings Run (WM-41/UJH0011).....	12
Figure D-30. pH validation plot for Right Prong Three Forks Run (WM-48/RTF0005)	12
Figure D-31. pH validation plot for UT to Three Forks Run (WM-55/ZWT0000).....	13
Figure D-32. pH validation plot for Short Run (WM-60/SHO0016).....	13
Figure D-33. pH validation plot for Laurel Run (WM-61/LNB0014).....	13
Figure D-34. pH validation plot for North Prog Lostland Run (WM-64/NPL0018).....	14
Figure D-35. pH validation plot for Laurel Run (WM-67/LRE0029)	14
Figure D-36. pH validation plot for Glade Run (WM-69/GLR0031).....	14
Figure D-37. pH validation plot for Pine Swamp Run (WM-77/PYS0024).....	15
Figure D-38. pH validation plot for UT to Aaron Run (WM-78/ZWA0000).....	15
Figure D-39. pH validation plot for Big Run (WM-81/BRU0048)	15
Figure D-40. pH validation plot for Poplar Lick Run (WM-97/POP0071)	16
Figure D-41. pH validation plot for Mill Run (WM-111/MIL0001).....	16
Figure D-42. pH validation plot for Matthew Run (WM-116/MTH0000)	16
Figure D-43. pH validation plot for UT to Jackson Run (WM-118/UJB0000)	17
Figure D-44. pH validation plot for Winebrenner Run (WM-120/WBN0010)	17
Figure D-45. pH validation plot for UT to Moores Run (WM-122/UMD0000)	17

FINAL

Figure D-46. pH validation plot for Meadow Run (WM-135/MDW0008) 18
Figure D-47. pH validation plot for Little Laurel Run (WM-137/LLR0024)..... 18
Figure D-48. pH validation plot for Spiker Run (WM-138/SPI0018) 18
Figure D-49. pH validation plot for Alexander Run (WM-144/ALE0011)..... 19
Figure D-50. pH validation plot for North Branch Casselman River (WM-145/NBC0090)..... 19
Figure D-51. pH validation plot for Pleasant Valley Run (WM-147/PLE0008) 19
Figure D-52. pH validation plot for UT to North Branch Casselman River (WM-149/ZWN0003) 20

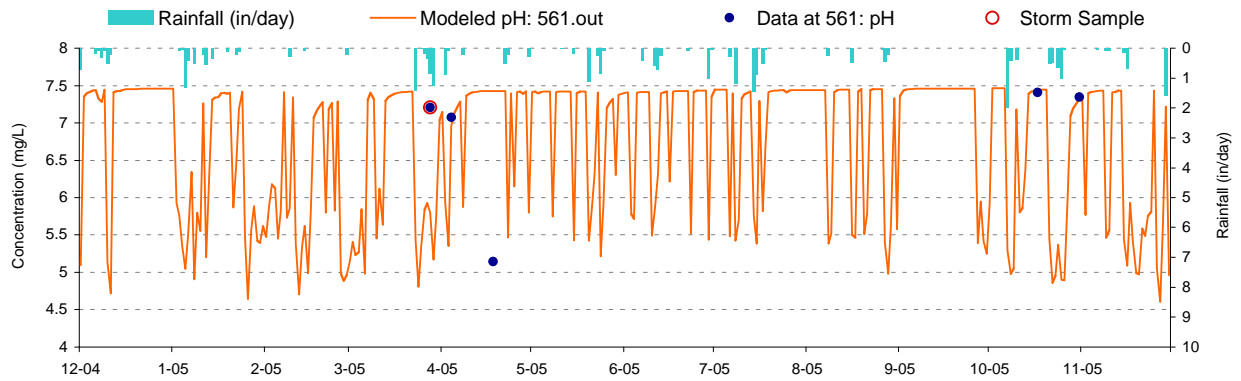


Figure D-1. pH calibration plot for UT to Jennings Run (WM-33/UJN0005)

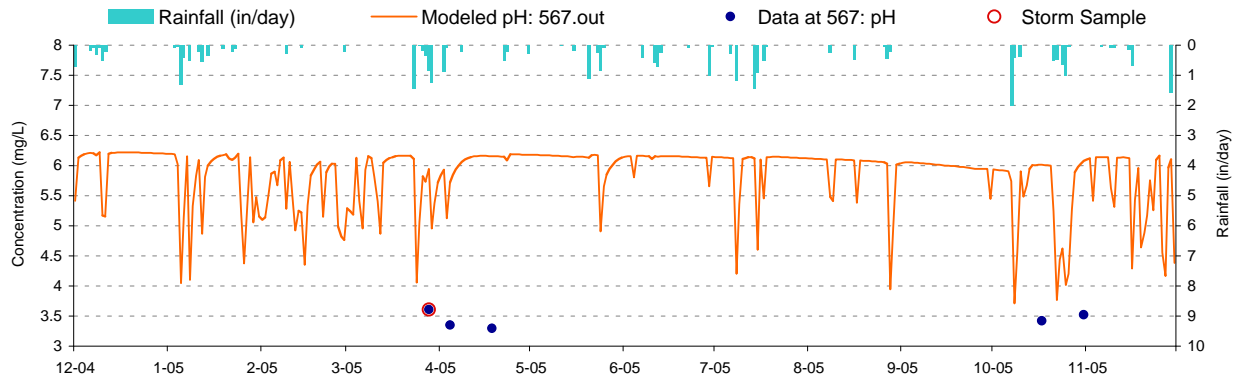


Figure D-2. pH calibration plot for UT to Jennings Run (WM-34/UJH0015)

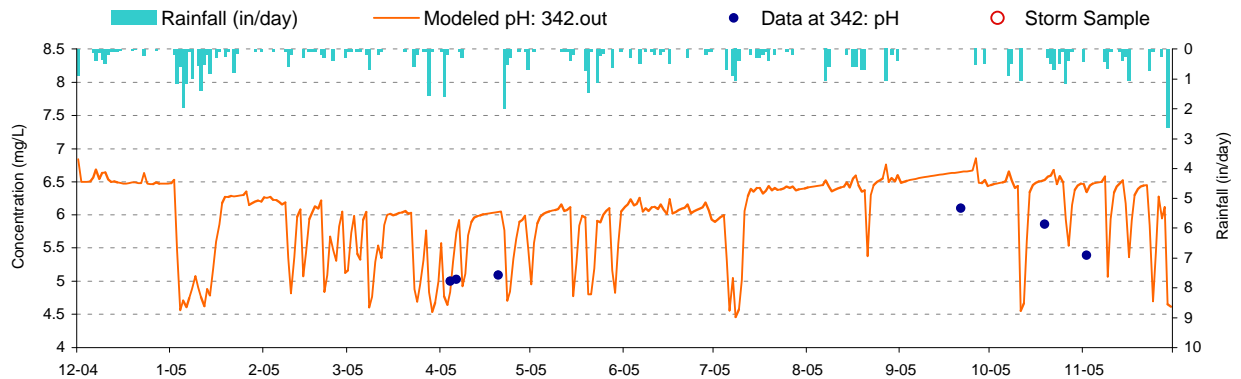


Figure D-3. pH calibration plot for Three Forks Run (WM-42/TFR0021)

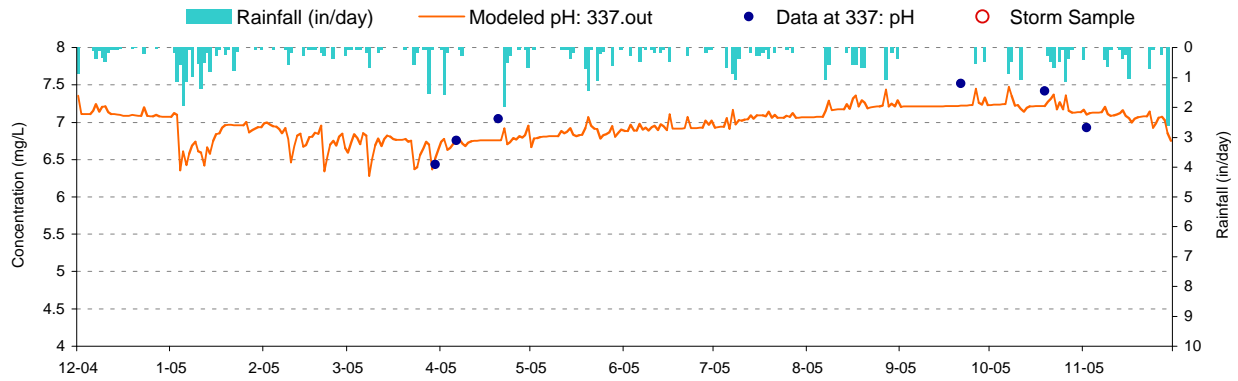


Figure D-4. pH calibration plot for Wolfden Run (WM-43/WOL0004)

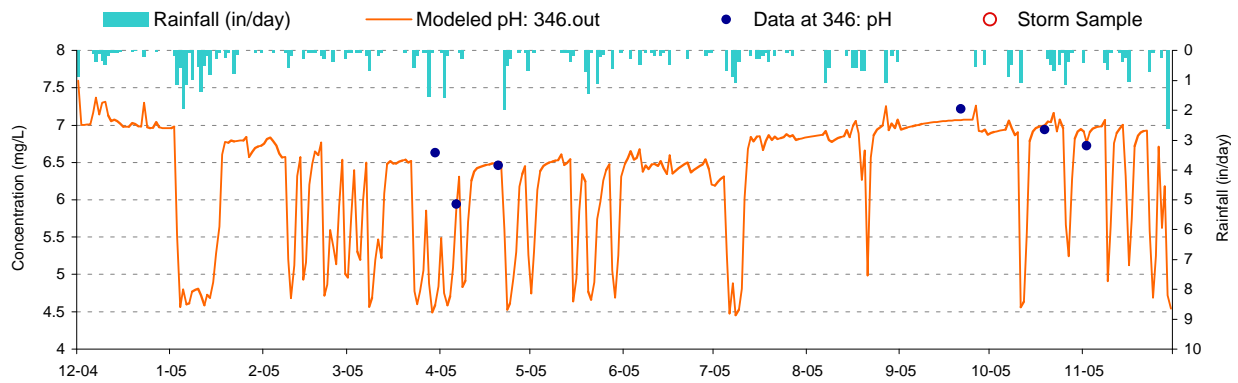


Figure D-5. pH calibration plot for Elklick Run (WM-45/EKL0003)

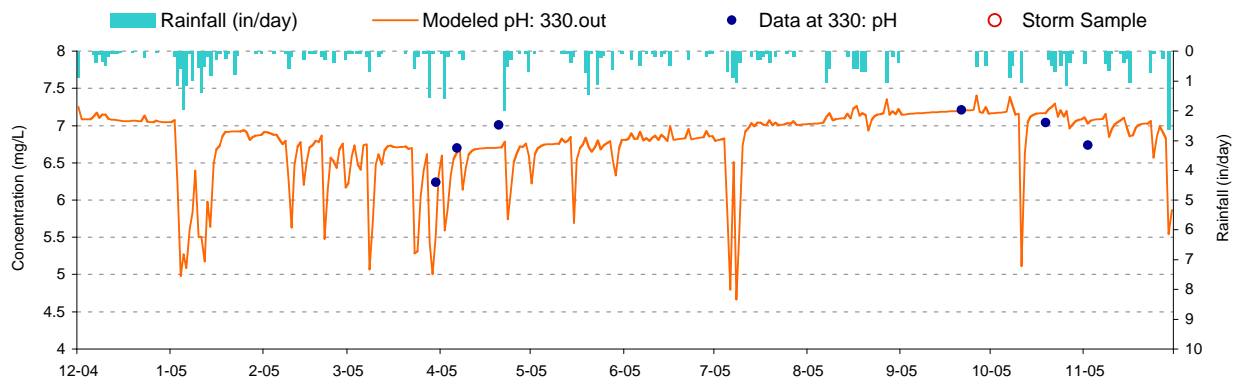


Figure D-6. pH calibration plot for North Prog Lostland Run (WM-50/NPL0001)

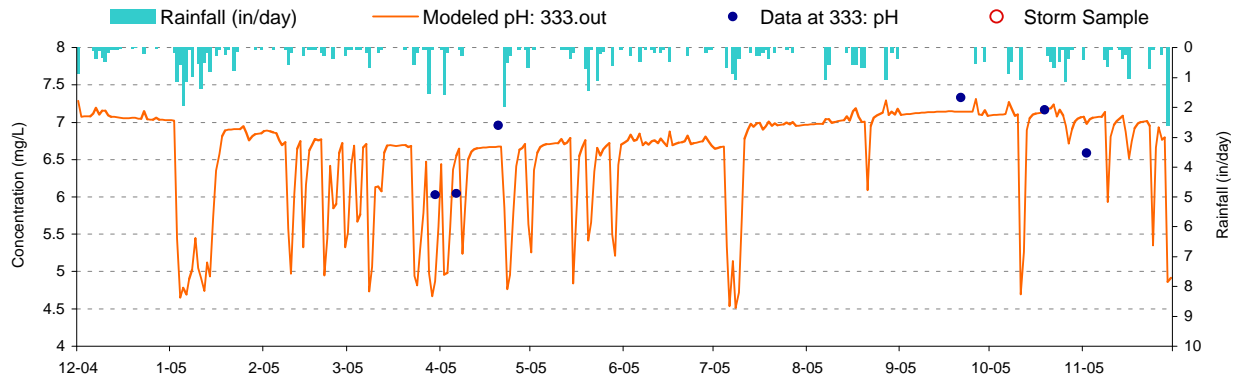


Figure D-7. pH calibration plot for South Prong Lostland Run (WM-51/SPL0016)

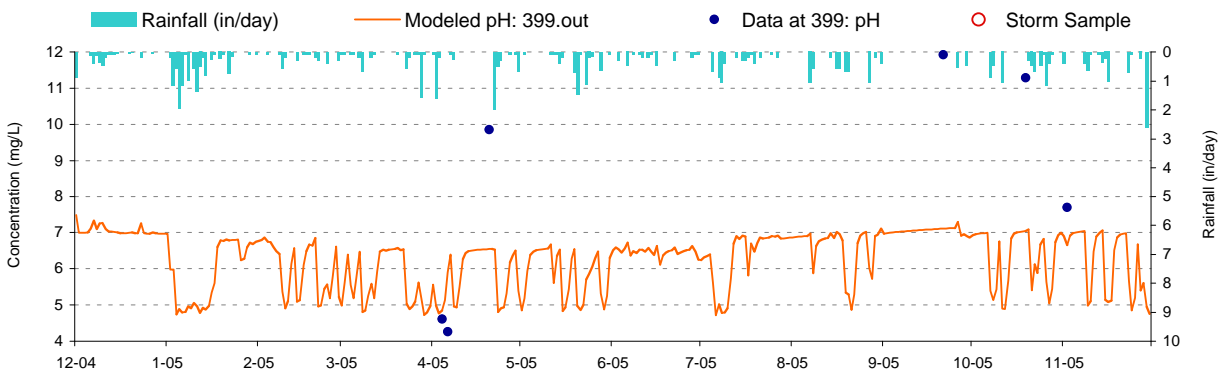


Figure D-8. pH calibration plot for Three Forks Run (WM-54/TFR0016)

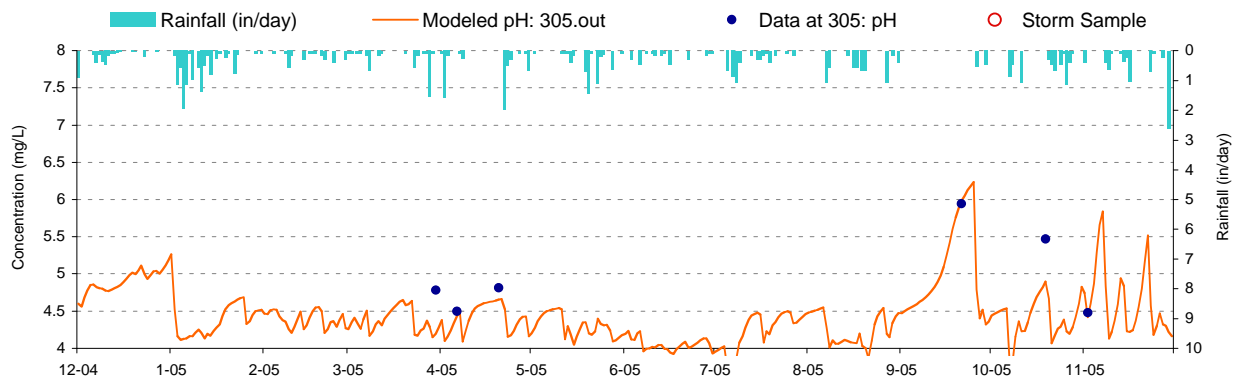


Figure D-9. pH calibration plot for UT to Laurel Run (WM-62/ULF0003)

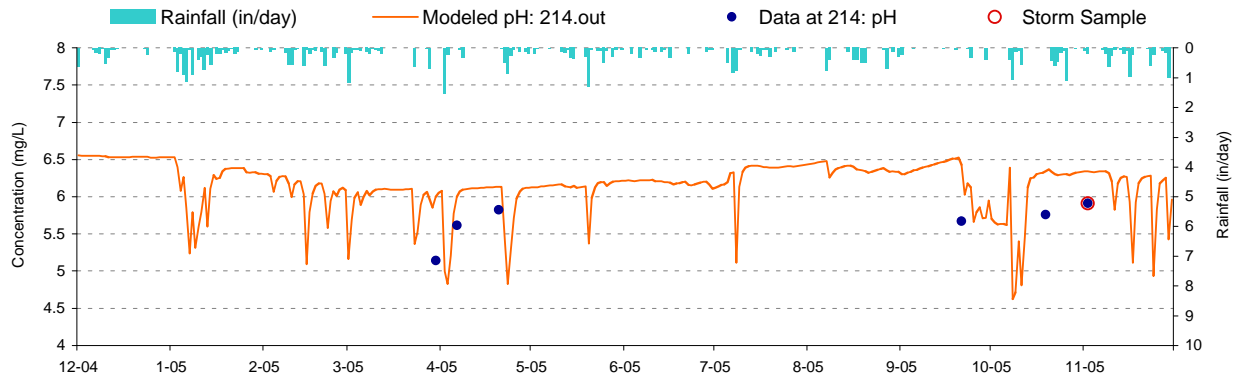


Figure D-10. pH calibration plot for UT to Savage River above Aaron Run (WM-72/ZWV0001)

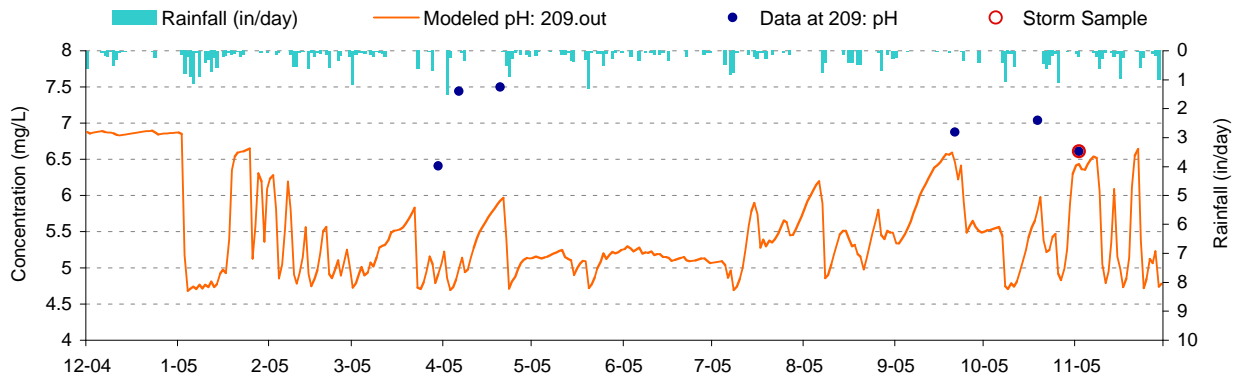


Figure D-11. pH calibration plot for Aaron Run (WM-73/AAR0000)

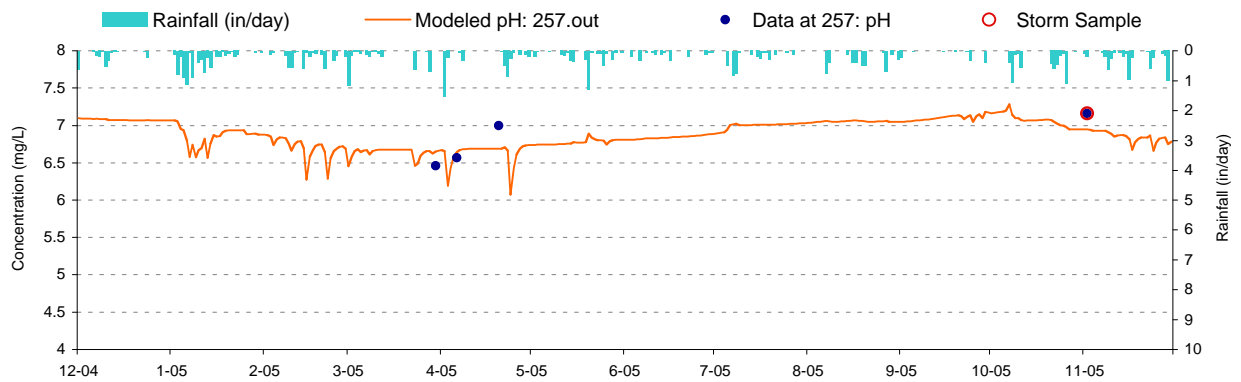


Figure D-12. pH calibration plot for Miller Run (WM-80/MRR0000)

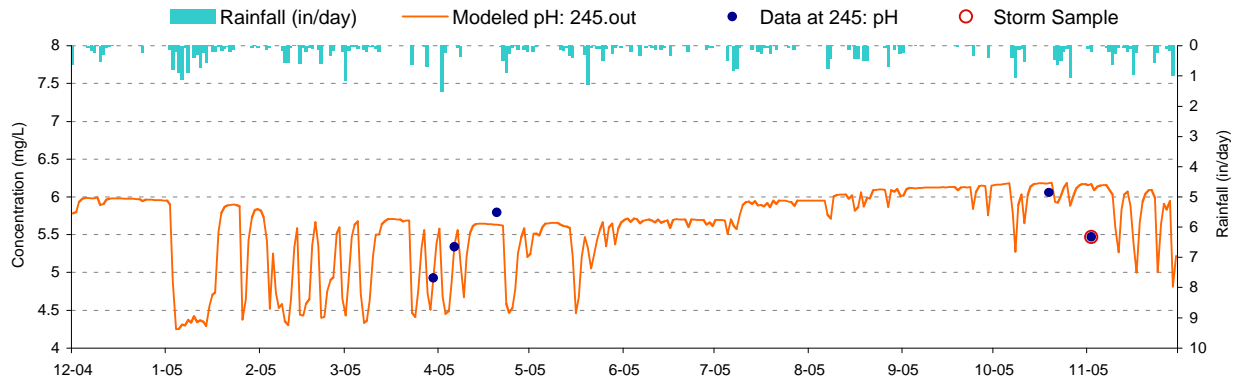


Figure D-13. pH calibration plot for Little Savage River (WM-86/LSA0028)

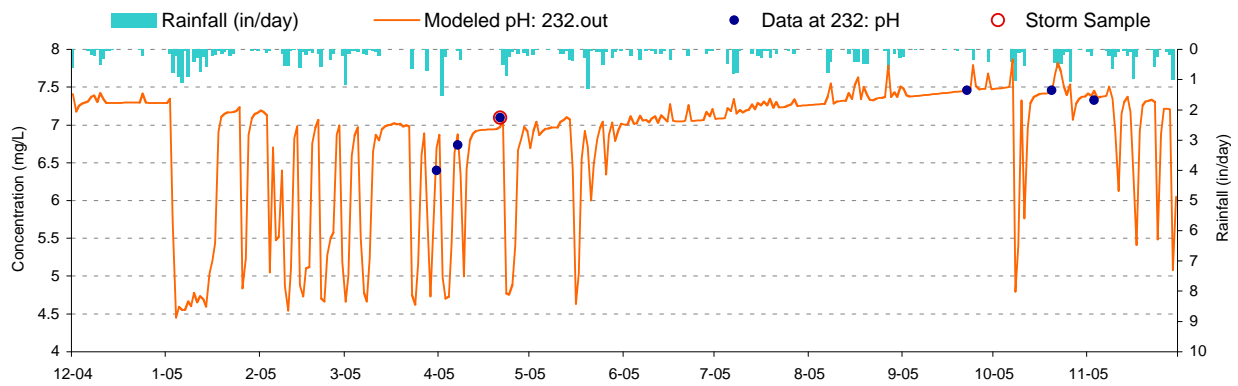


Figure D-14. pH calibration plot for Poplar Lick Run (WM-96/POP0065)

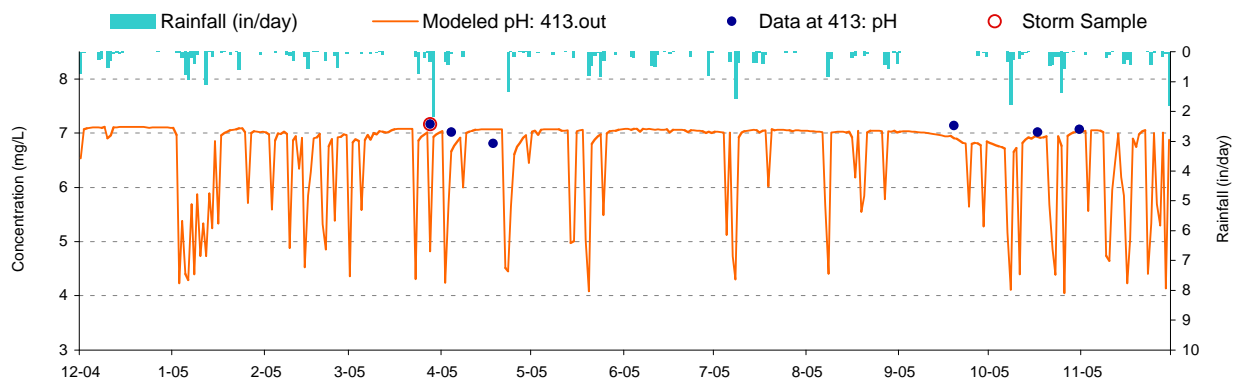


Figure D-15. pH calibration plot for UT to Georges Creek (WM-110/UGQ0000)

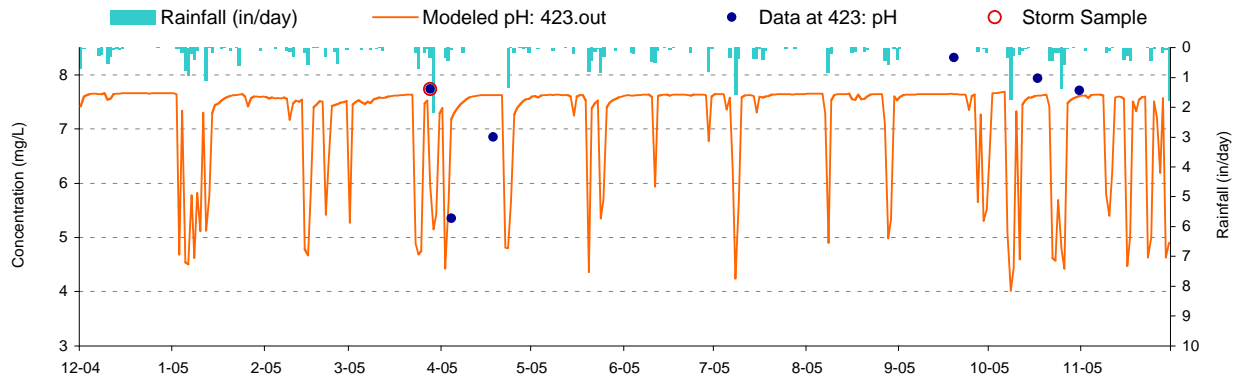


Figure D-16. pH calibration plot for Jackson Run (WM-113/JAC0001)

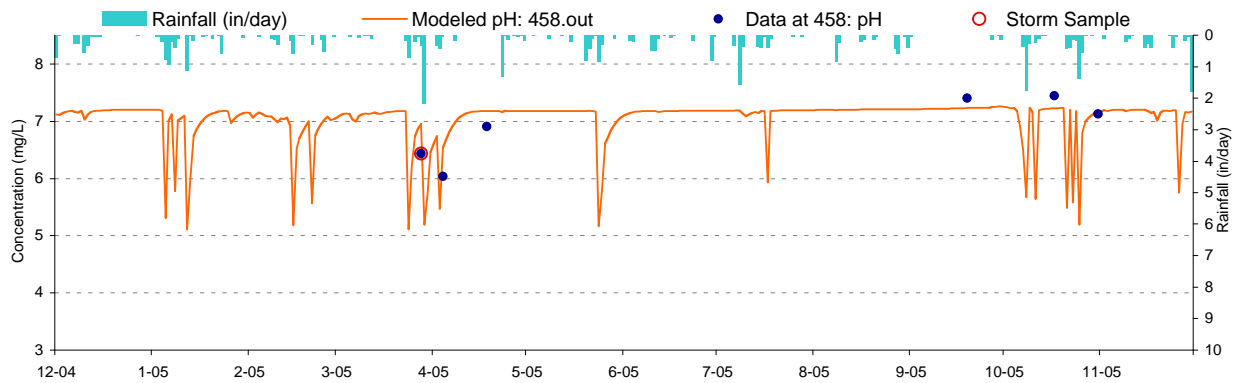


Figure D-17. pH calibration plot for Staub Run (WM-117/STA0024)

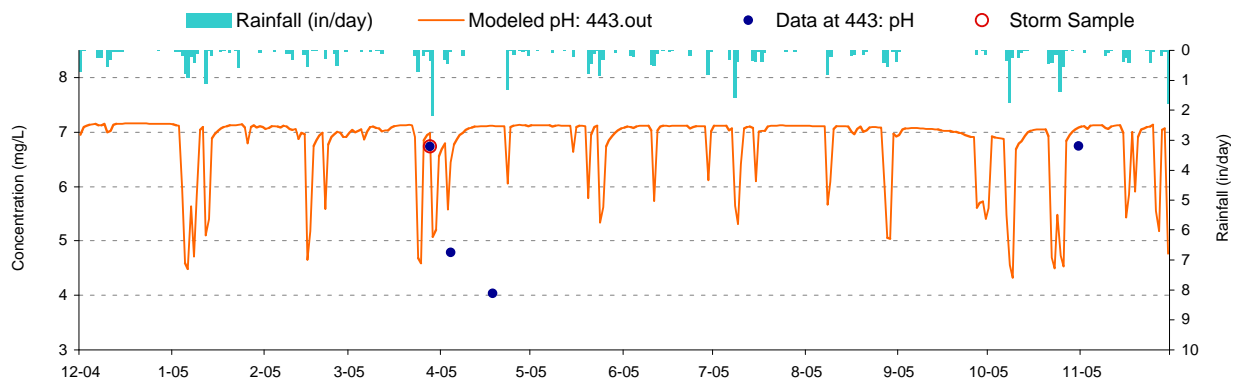


Figure D-18. pH calibration plot for Winebrenner Run (WM-119/WBN0002)

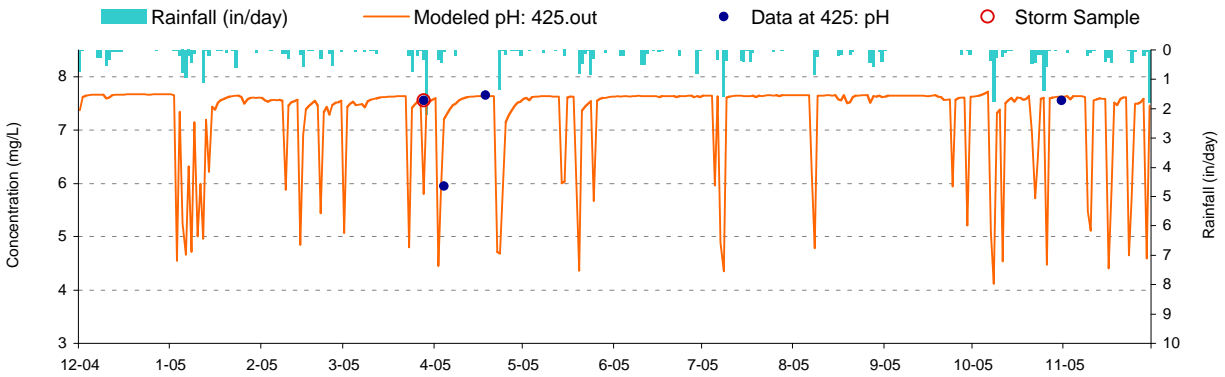


Figure D-19. pH calibration plot for Jackson Run (WM-125/JAC0006)

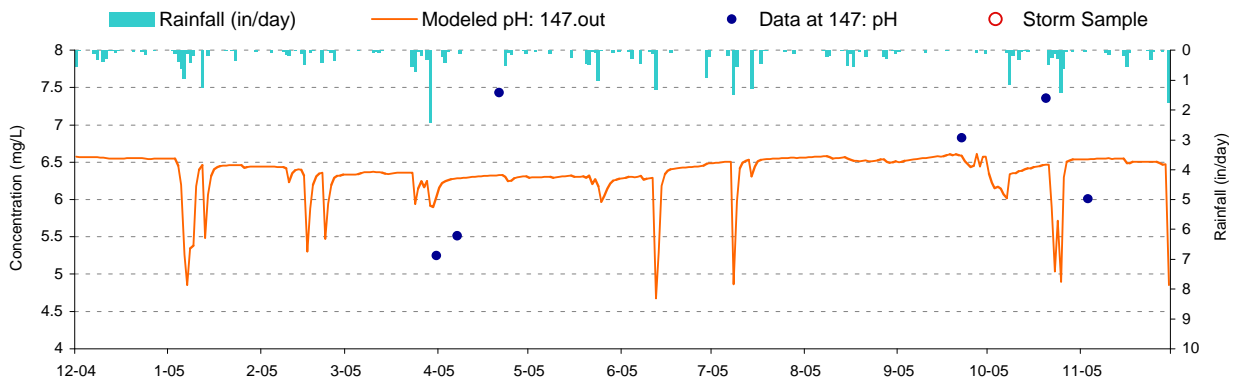


Figure D-20. pH calibration plot for Little Laurel Run (WM-141/LLR0009)

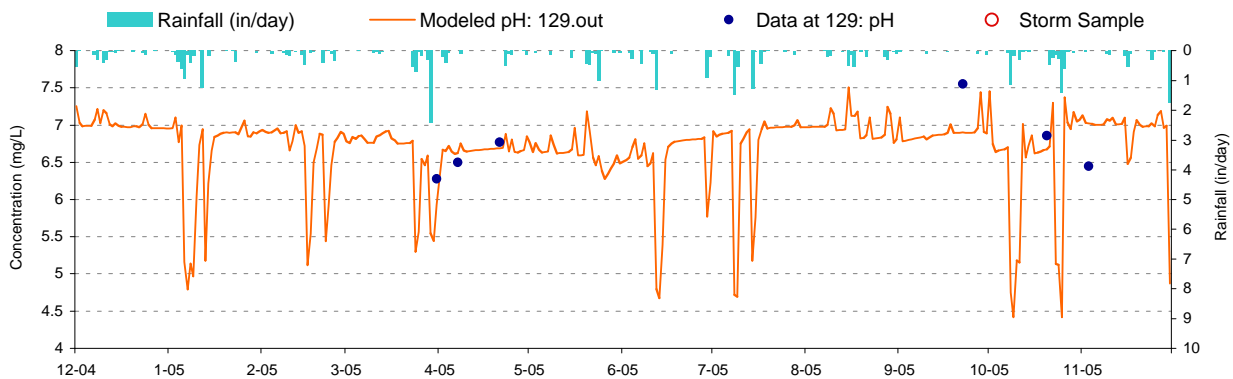


Figure D-21. pH calibration plot for North Branch Casselman River (WM-142/NBC0072)

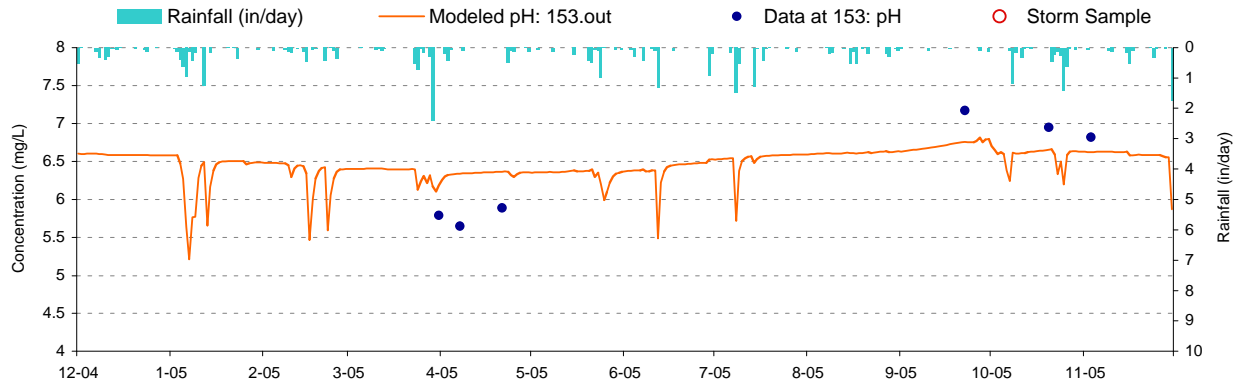


Figure D-22. pH calibration plot for South Branch Casselman River (WM-143/SCA0067)

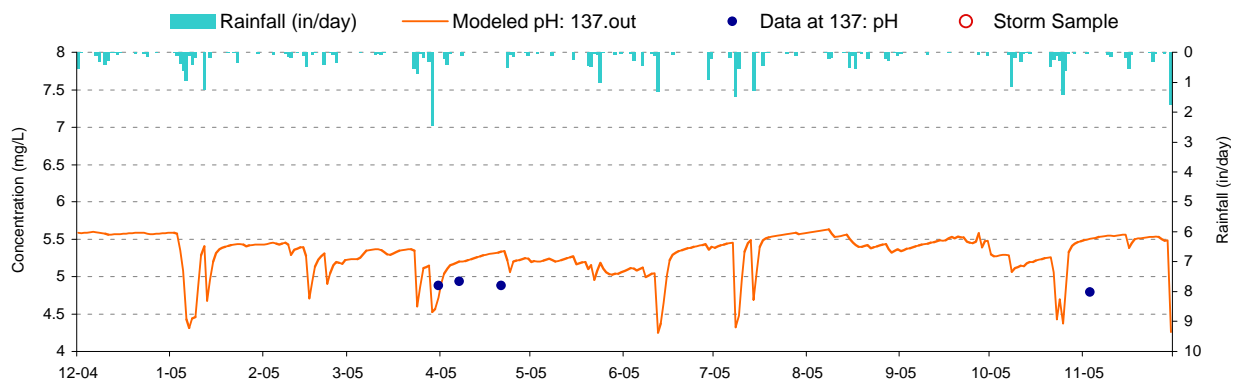


Figure D-23. pH calibration plot for Tarkiln Run (WM-146/TAR0003)

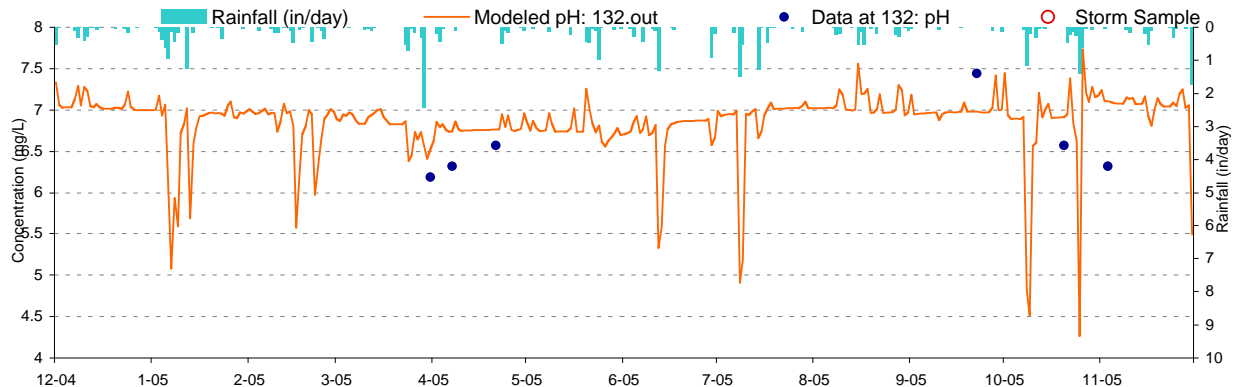


Figure D-24. pH calibration plot for North Branch Casselman River (WM-148/NBC0106)

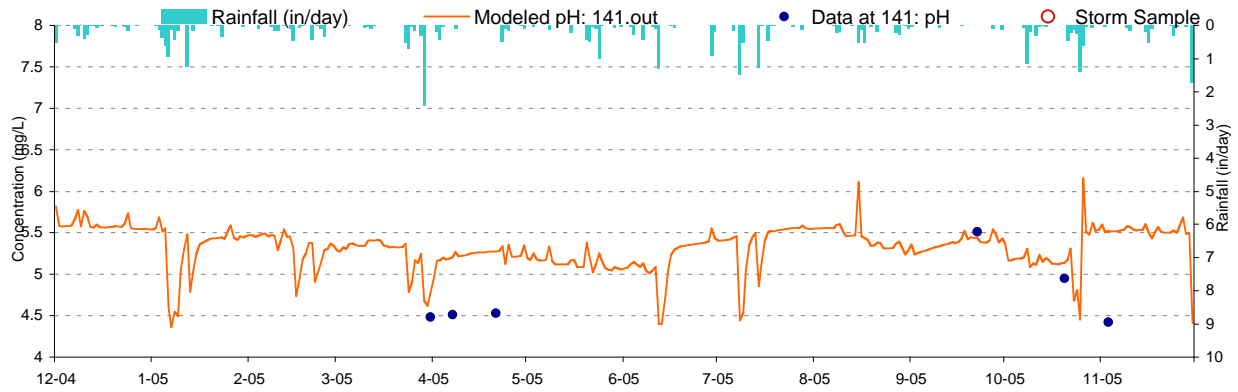


Figure D-25. pH calibration plot for UT to North Branch Casselman River (WM-151/UNA0015)

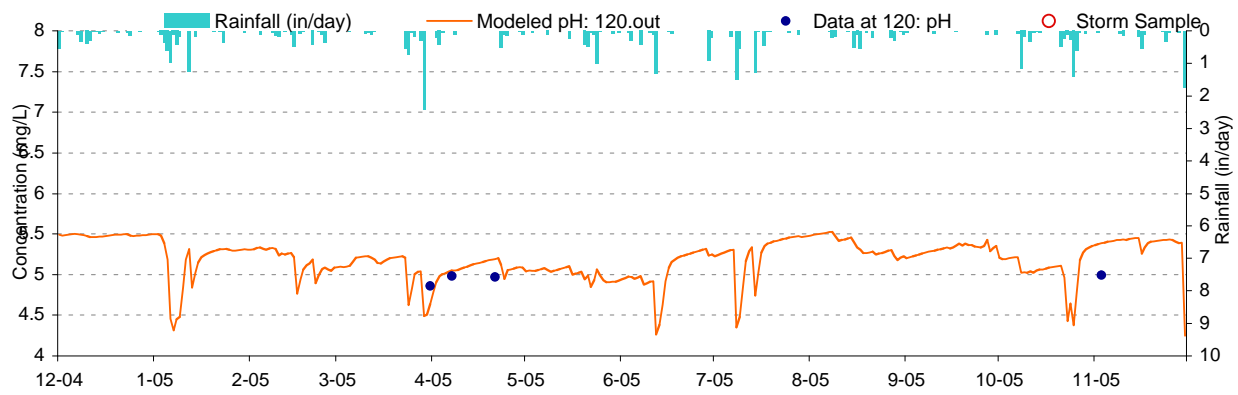


Figure D-26. pH calibration plot for Little Shade Run (WM-155/LSR0015)

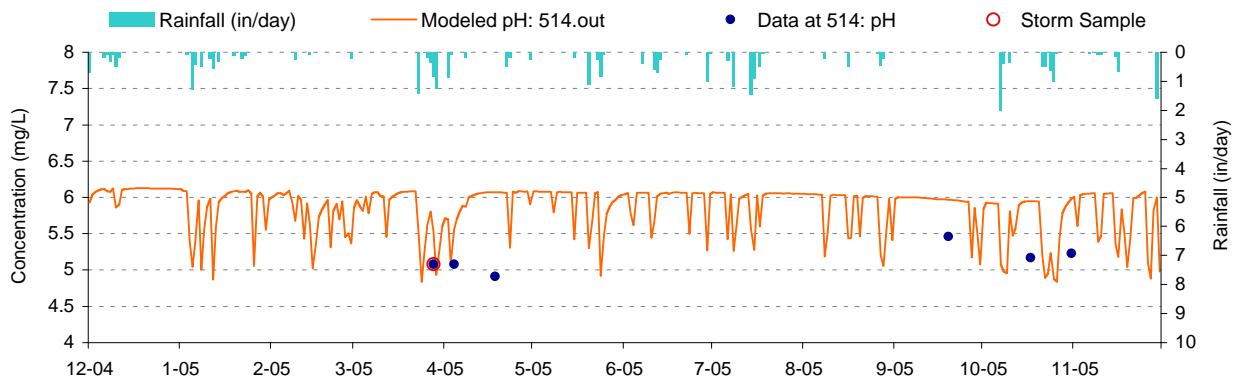


Figure D-27. pH validation plot for UT to Jennings Run (WM-37/UJF0002)

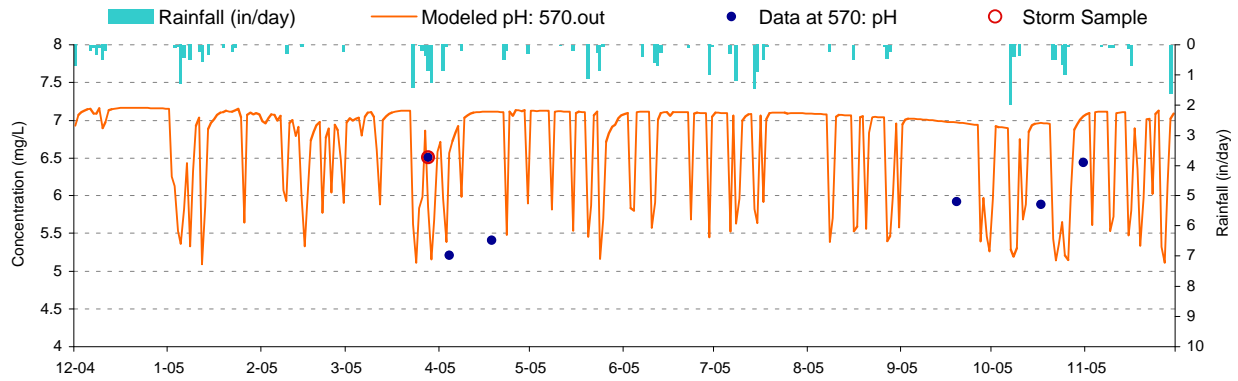


Figure D-28. pH validation plot for Jennings Run (WM-39/JEN0092)

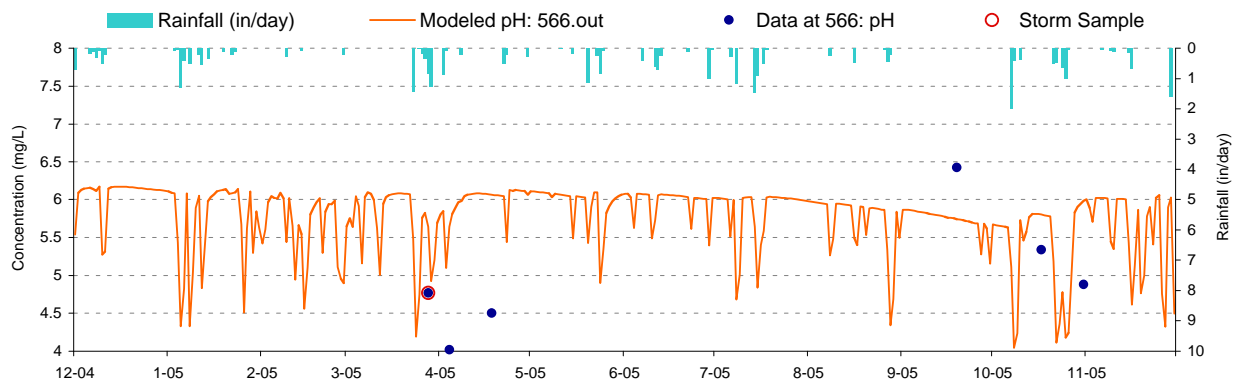


Figure D-29. pH validation plot for UT to Jennings Run (WM-41/UJH0011)

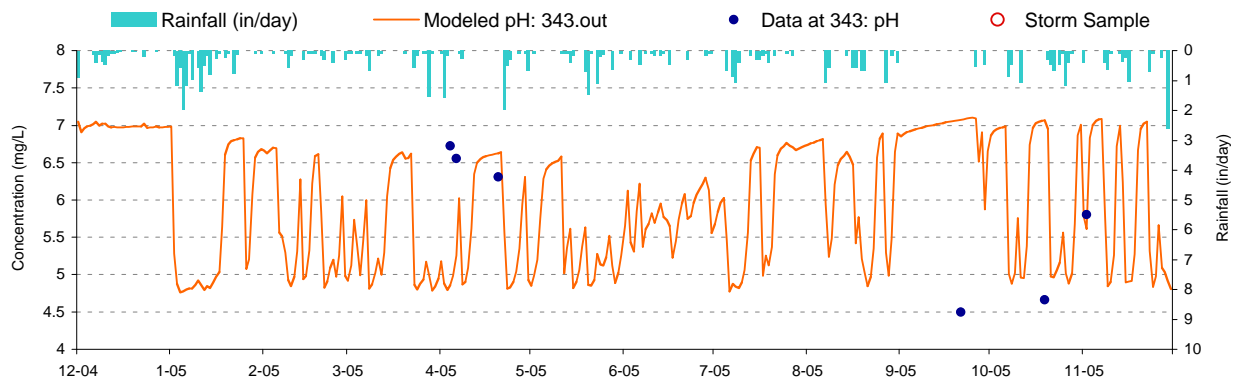


Figure D-30. pH validation plot for Right Prong Three Forks Run (WM-48/RTF0005)

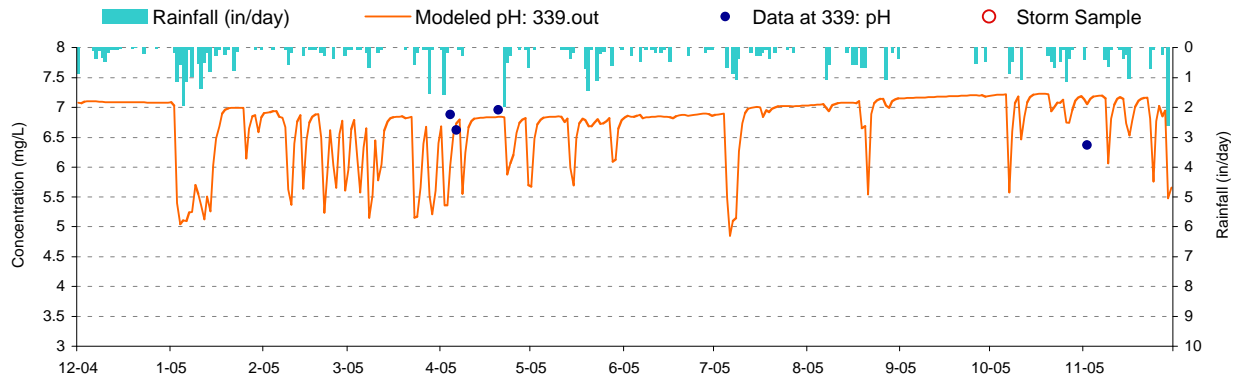


Figure D-31. pH validation plot for UT to Three Forks Run (WM-55/ZWT0000)

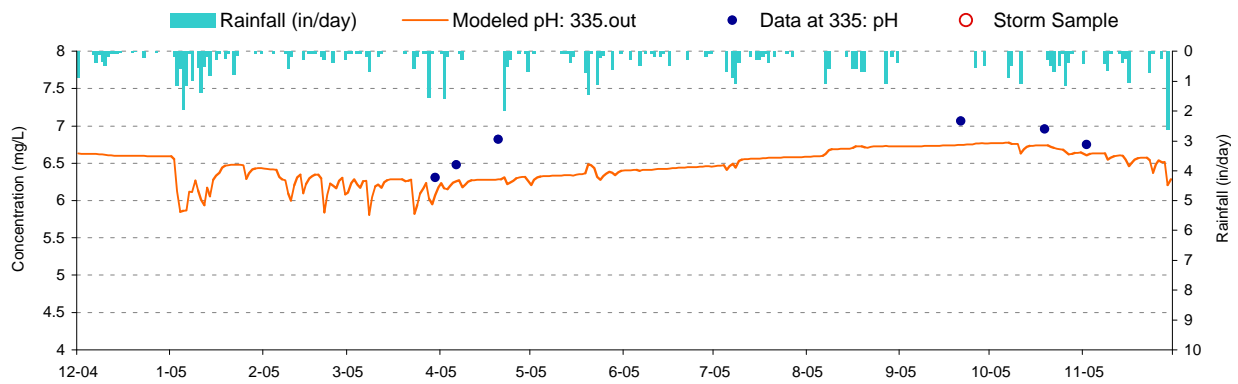


Figure D-32. pH validation plot for Short Run (WM-60/SHO0016)

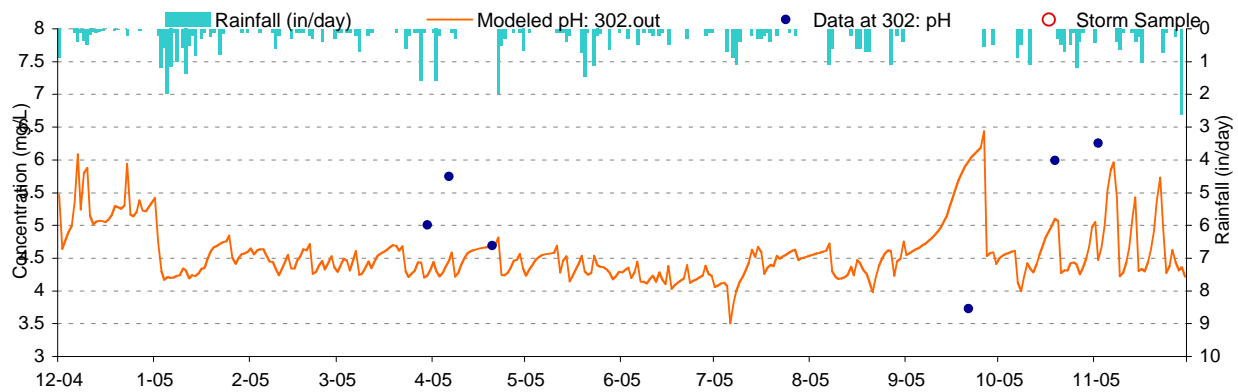


Figure D-33. pH validation plot for Laurel Run (WM-61/LNB0014)

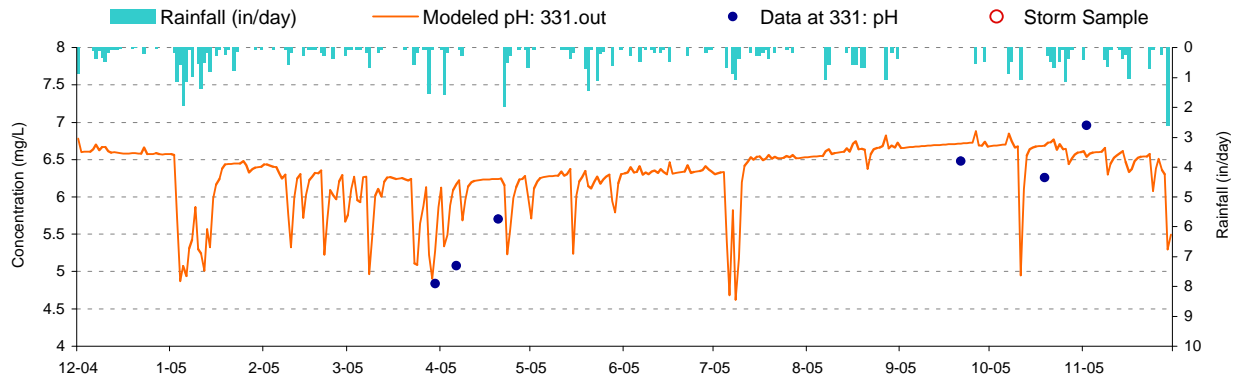


Figure D-34. pH validation plot for North Prog Lostland Run (WM-64/NPL0018)

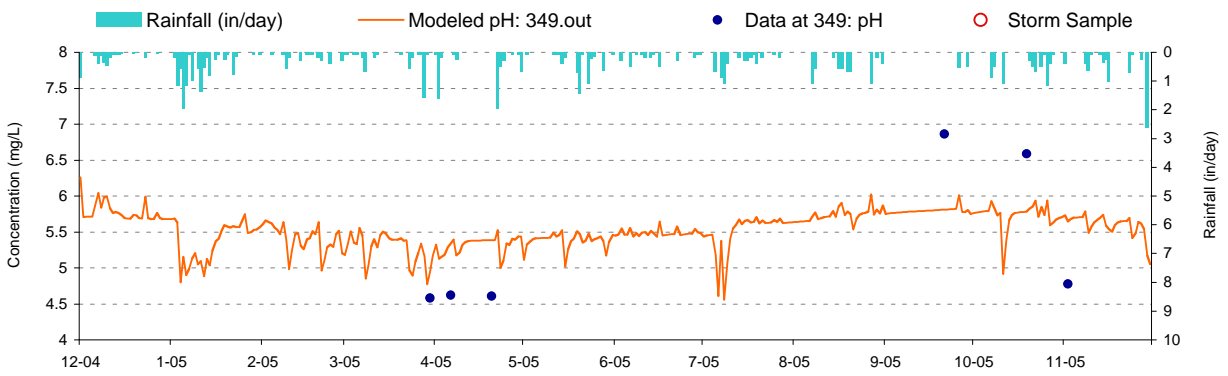


Figure D-35. pH validation plot for Laurel Run (WM-67/LRE0029)

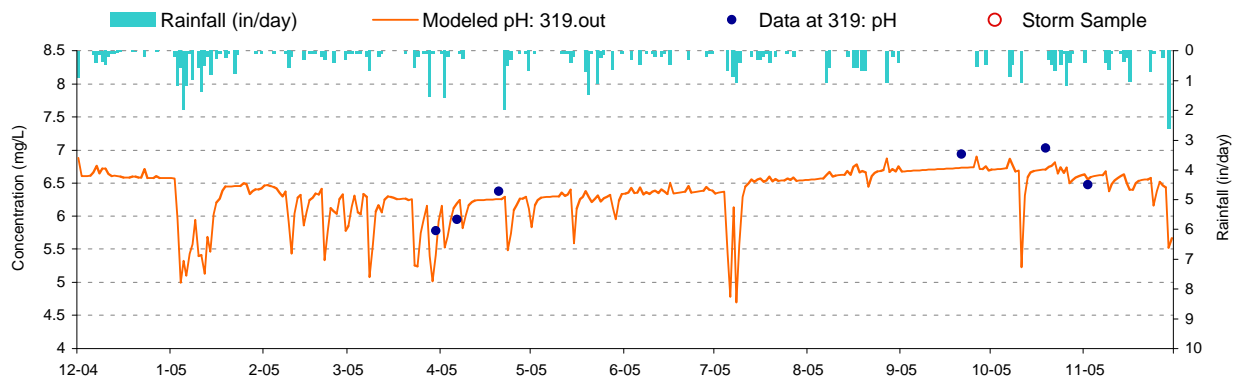


Figure D-36. pH validation plot for Glade Run (WM-69/GLR0031)

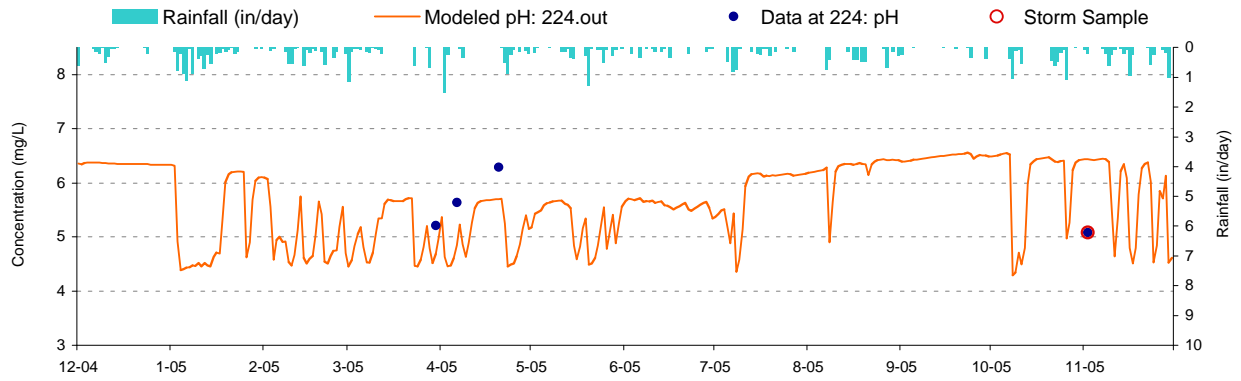


Figure D-37. pH validation plot for Pine Swamp Run (WM-77/PYS0024)

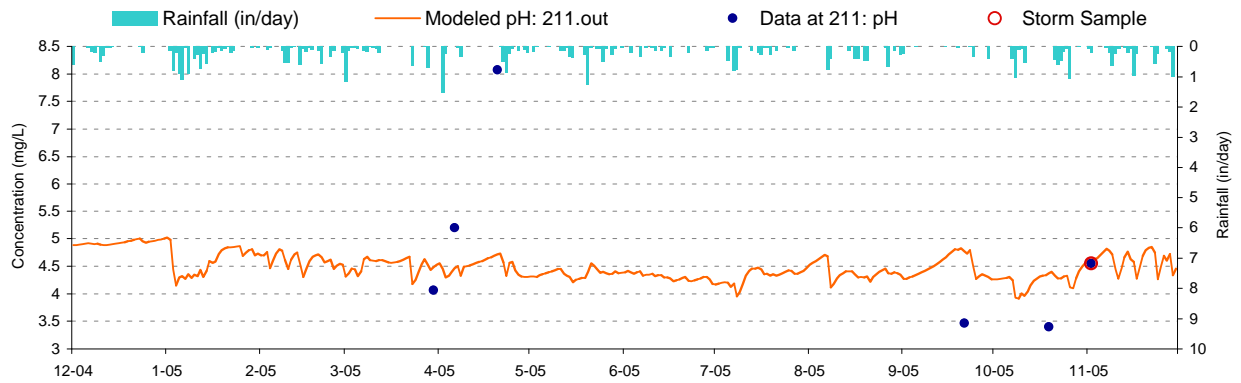


Figure D-38. pH validation plot for UT to Aaron Run (WM-78/ZWA0000)

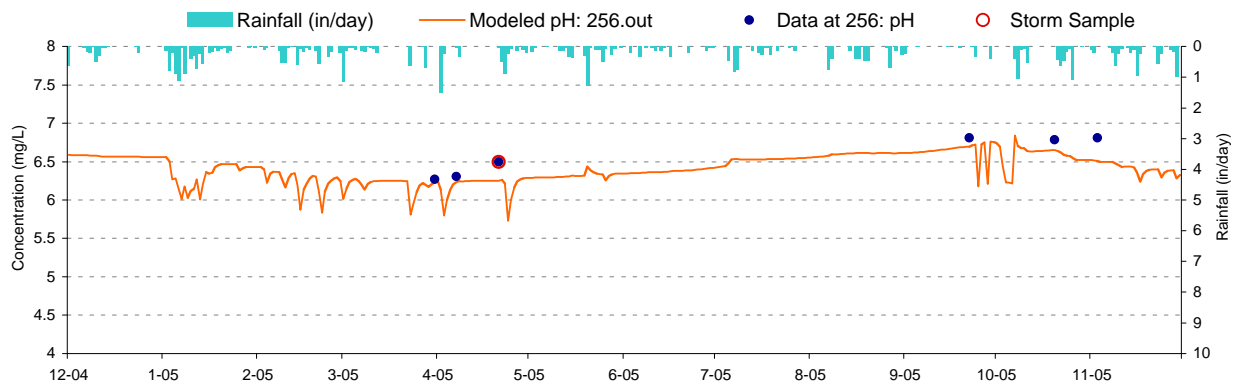


Figure D-39. pH validation plot for Big Run (WM-81/BRU0048)

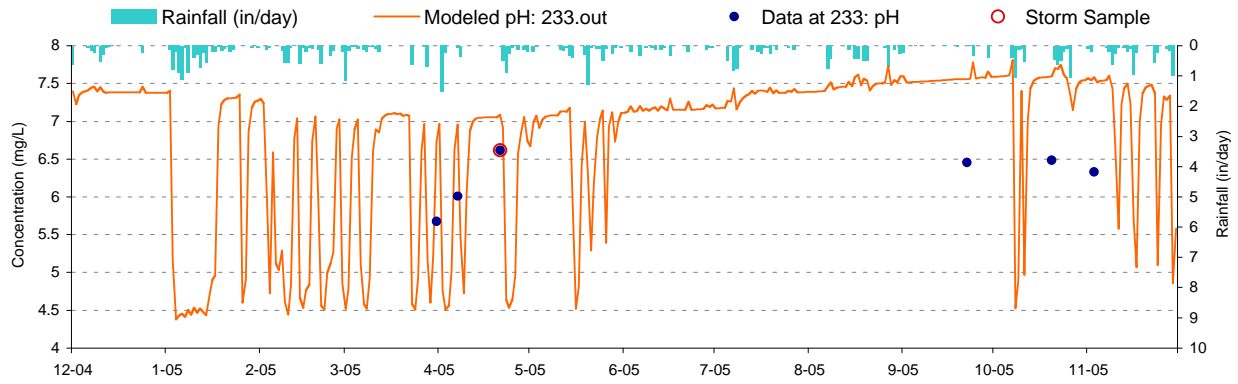


Figure D-40. pH validation plot for Poplar Lick Run (WM-97/POP0071)

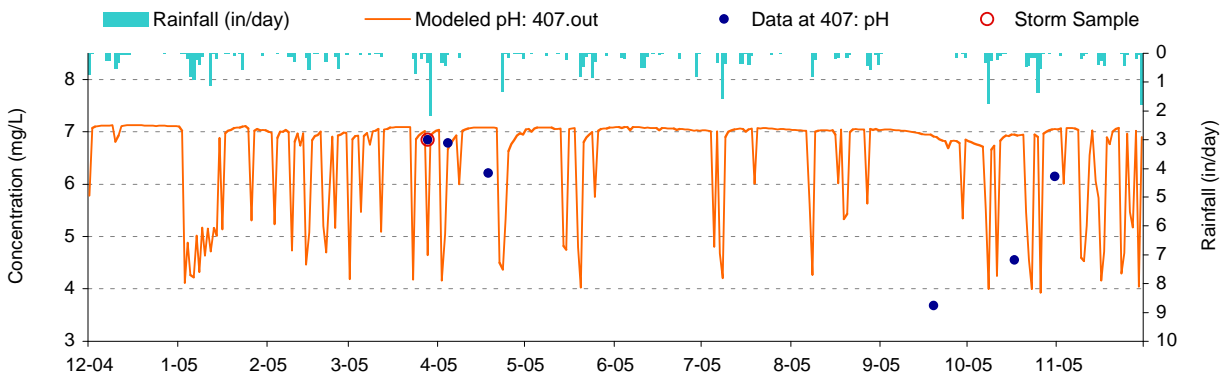


Figure D-41. pH validation plot for Mill Run (WM-111/MIL0001)

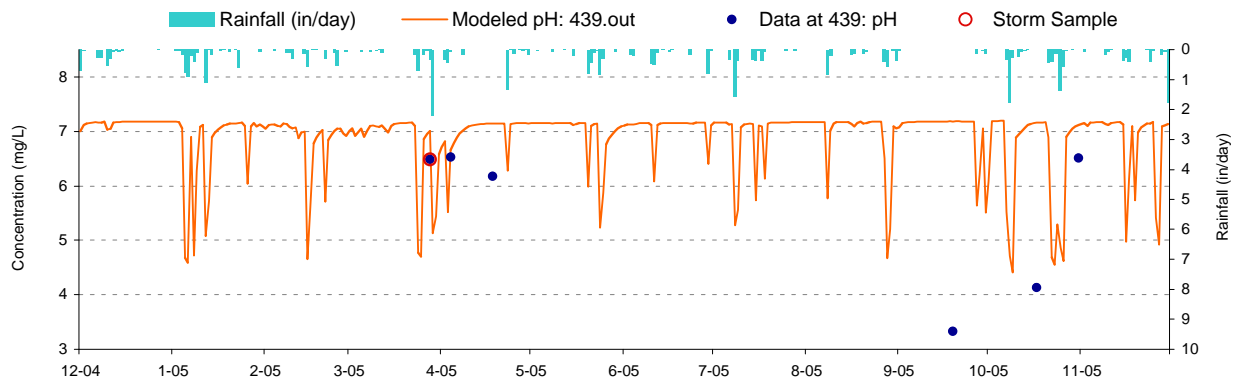


Figure D-42. pH validation plot for Matthew Run (WM-116/MTH0000)

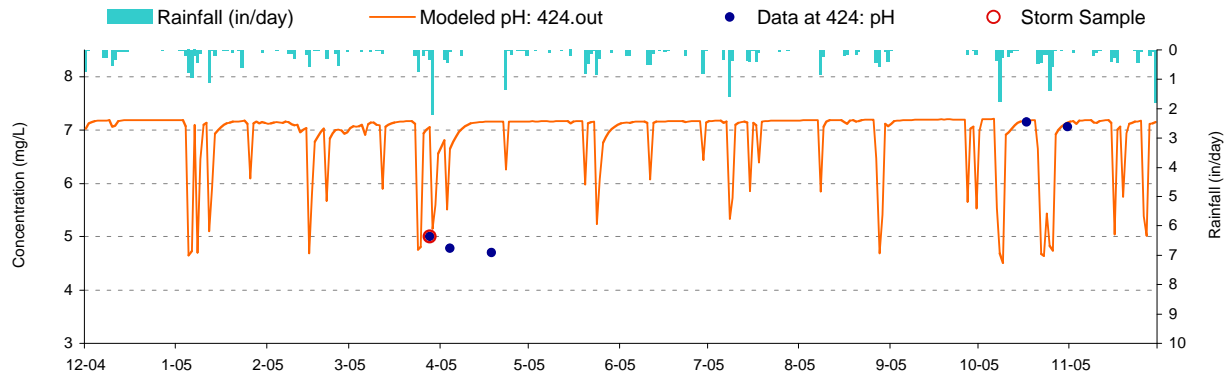


Figure D-43. pH validation plot for UT to Jackson Run (WM-118/UJB0000)

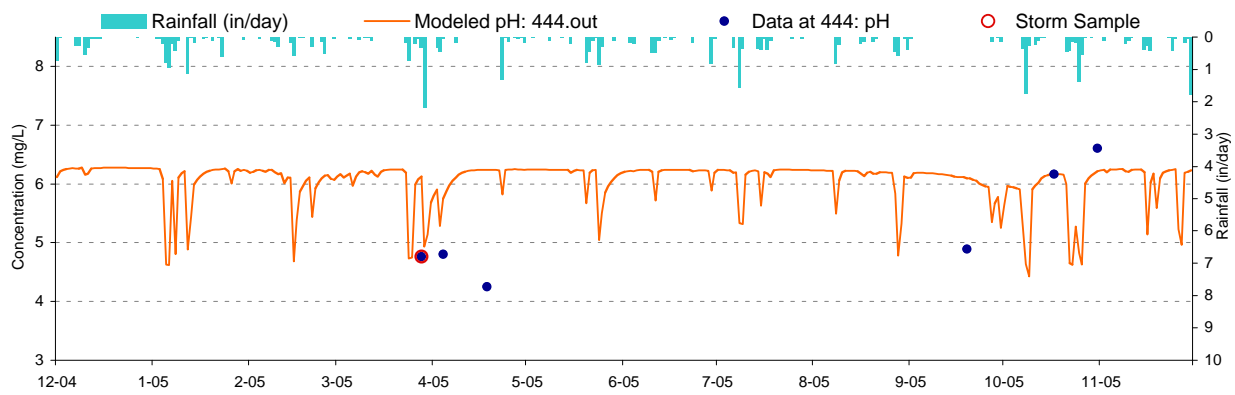


Figure D-44. pH validation plot for Winebrenner Run (WM-120/WBN0010)

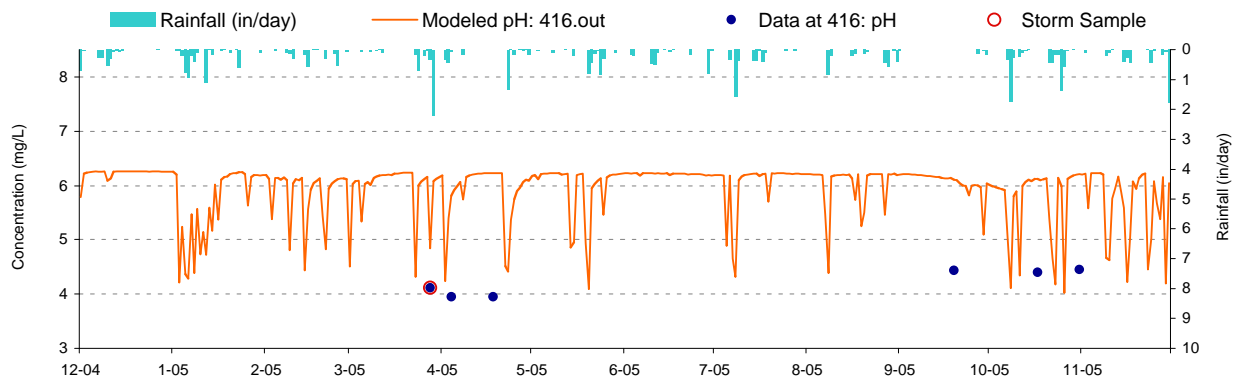


Figure D-45. pH validation plot for UT to Moores Run (WM-122/UMD0000)

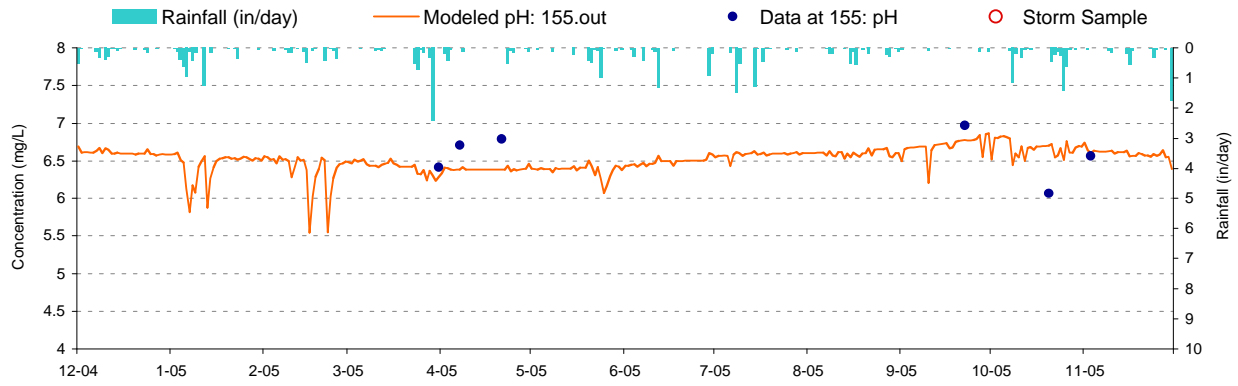


Figure D-46. pH validation plot for Meadow Run (WM-135/MDW0008)

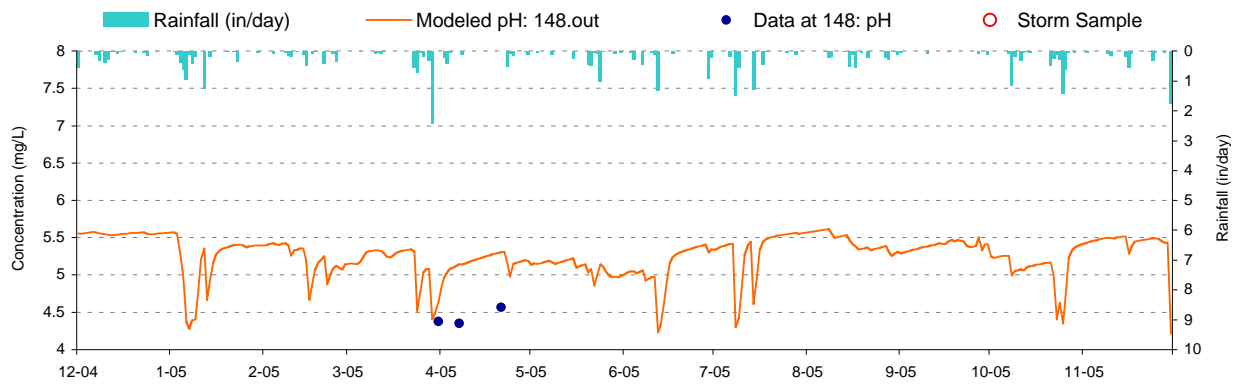


Figure D-47. pH validation plot for Little Laurel Run (WM-137/LLR0024)

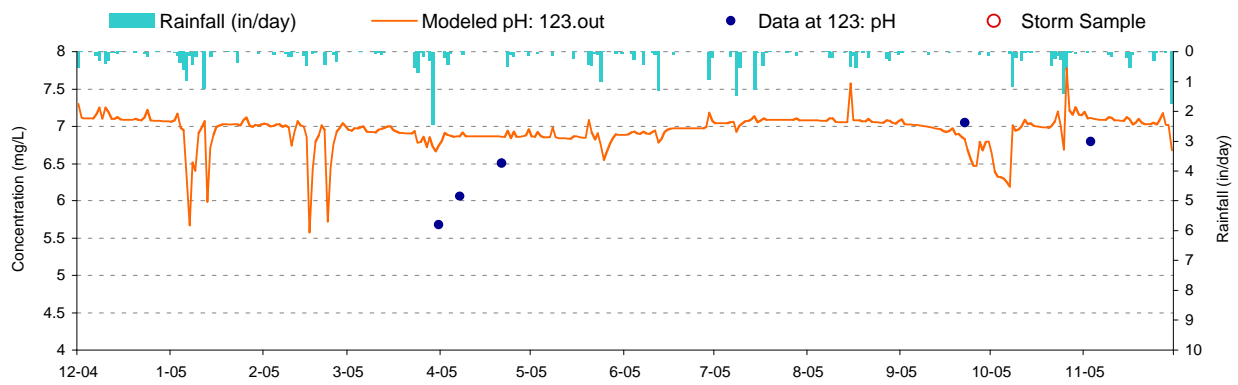


Figure D-48. pH validation plot for Spiker Run (WM-138/SPI0018)

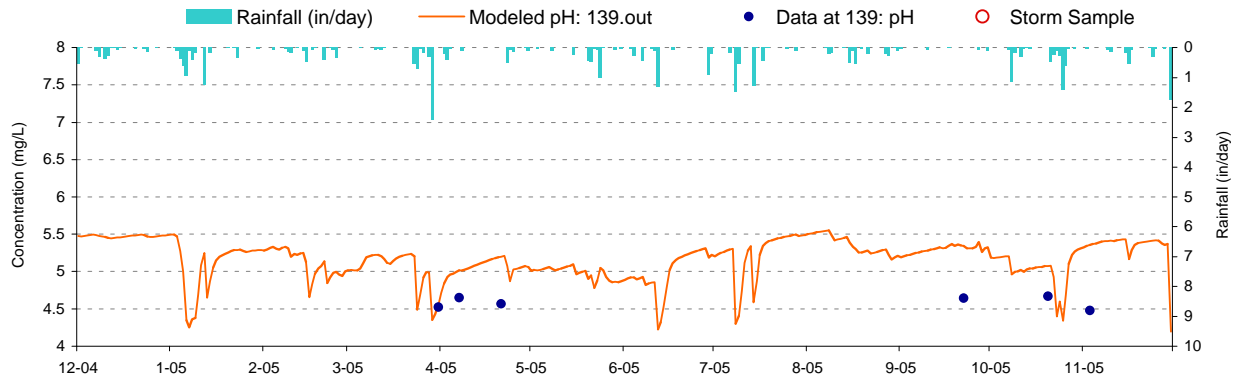


Figure D-49. pH validation plot for Alexander Run (WM-144/ALE0011)

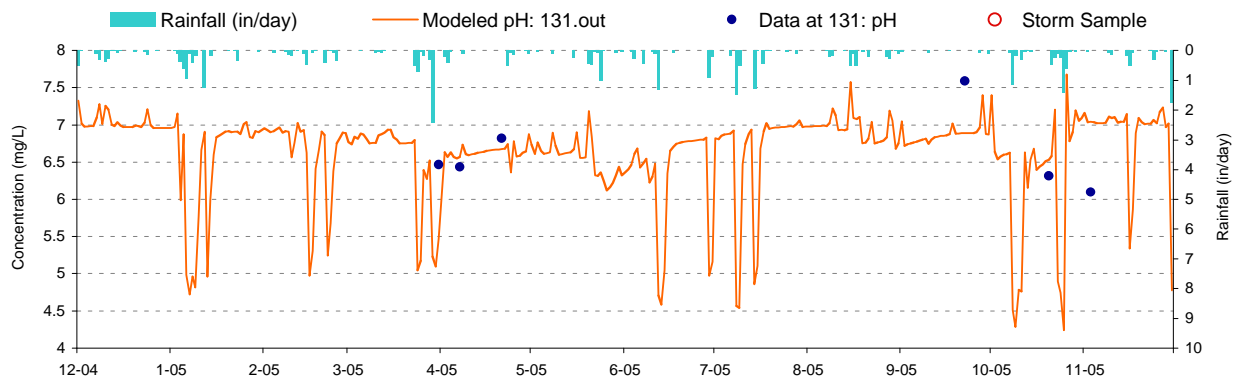


Figure D-50. pH validation plot for North Branch Casselman River (WM-145/NBC0090)

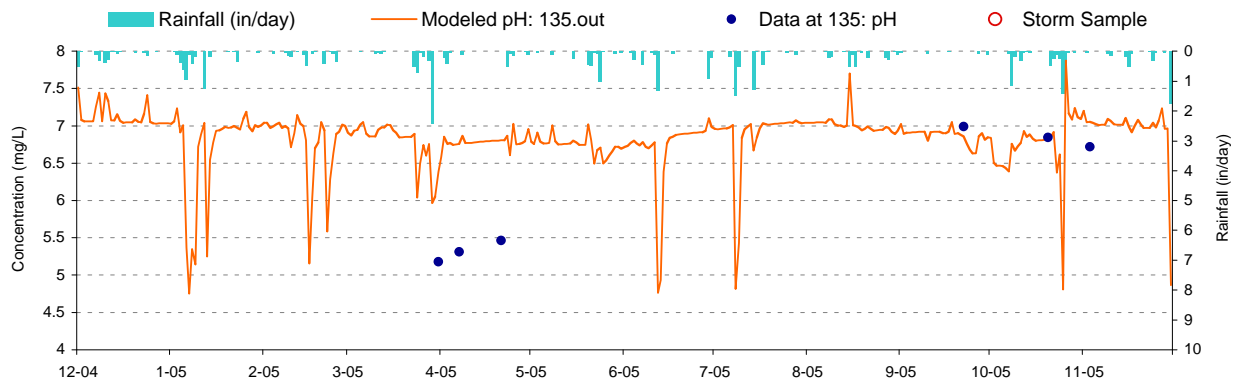


Figure D-51. pH validation plot for Pleasant Valley Run (WM-147/PLE0008)

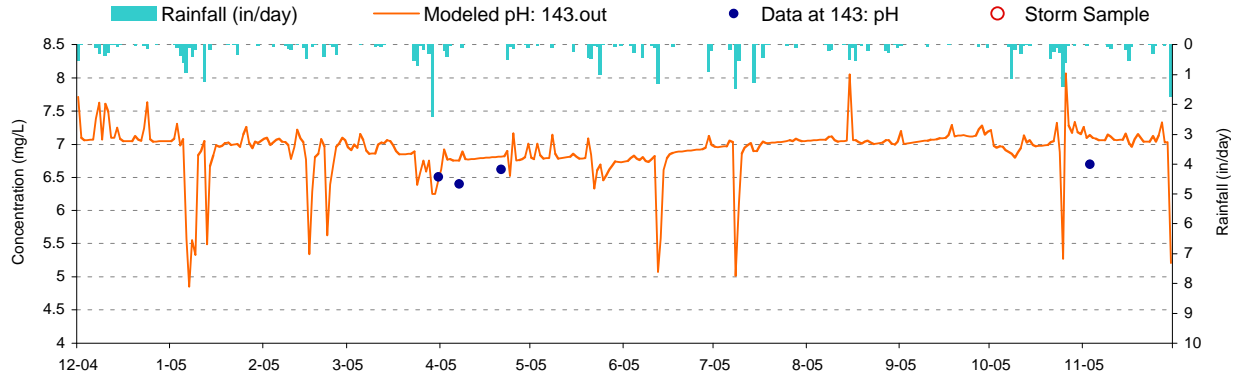


Figure D-52. pH validation plot for UT to North Branch Casselman River (WM-149/ZWN0003)