

## APPENDIX H. WATER QUALITY CALIBRATION PLOTS

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## **H-1.    FLATHEAD RIVER AT FLATHEAD BRITISH COLUMBIA (12355000)**

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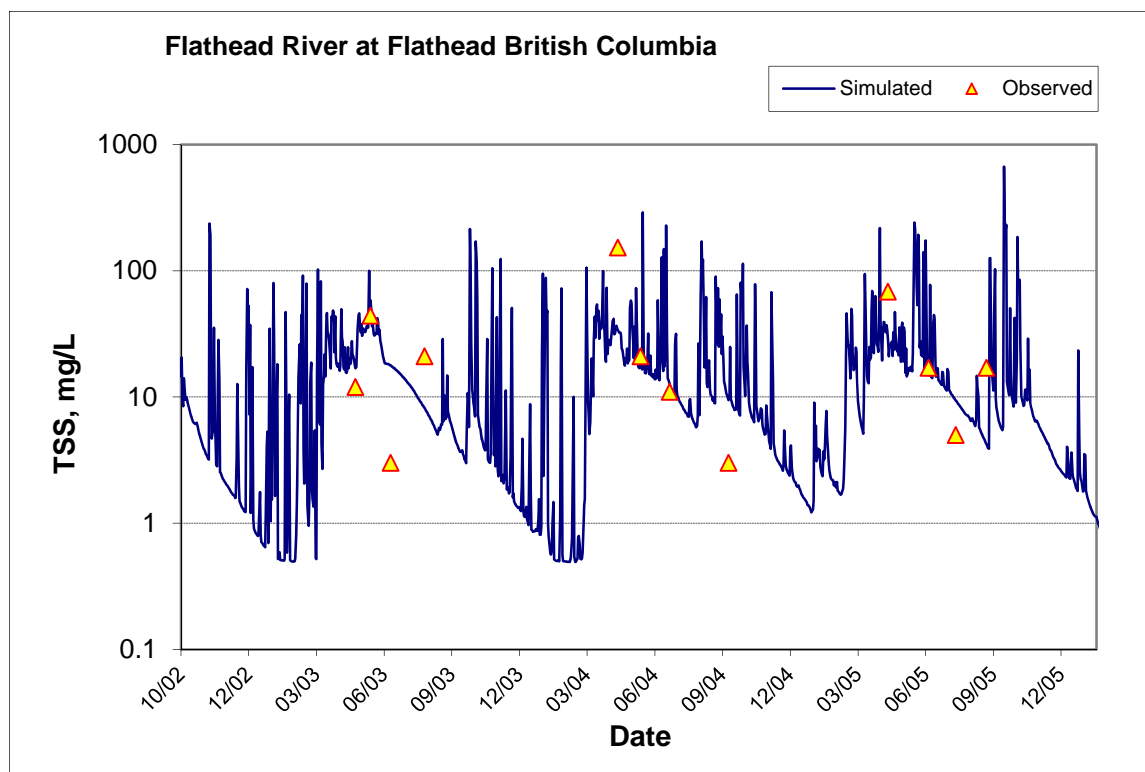


Figure H-1. Calibration Observed and Modeled TSS Time series Oct.2002 through Jan.2006, 12355000 Flathead River at Flathead British Columbia

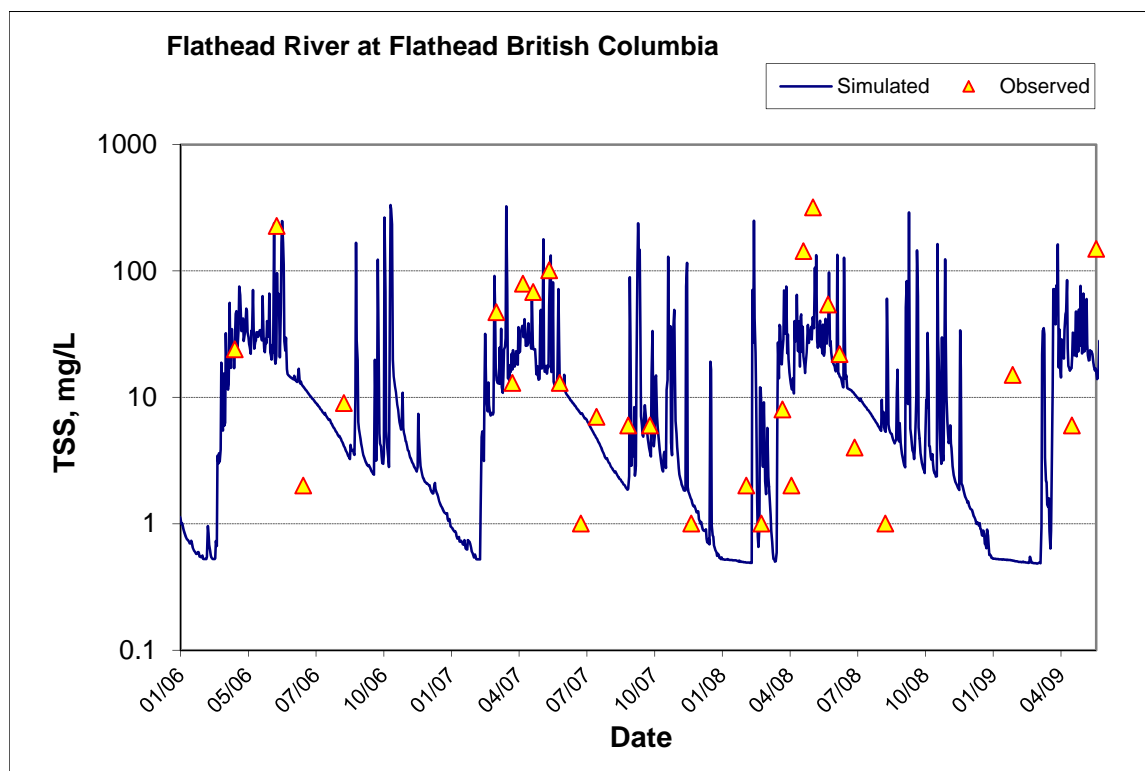


Figure H-2. Calibration Observed and Modeled TSS Time series Feb.2006 through May 2009, 12355000 Flathead River at Flathead British Columbia

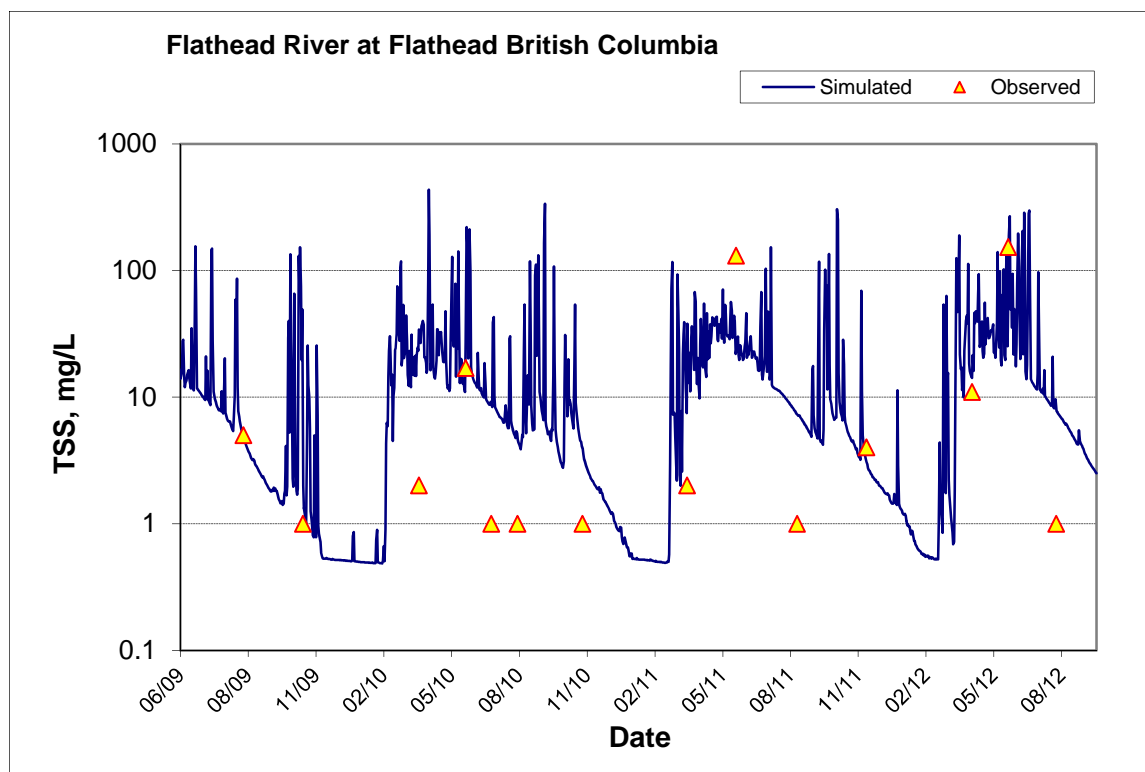


Figure H-3. Calibration Observed and Modeled TSS Time series June 2009 through Sept. 2012, 12355000 Flathead River at Flathead British Columbia

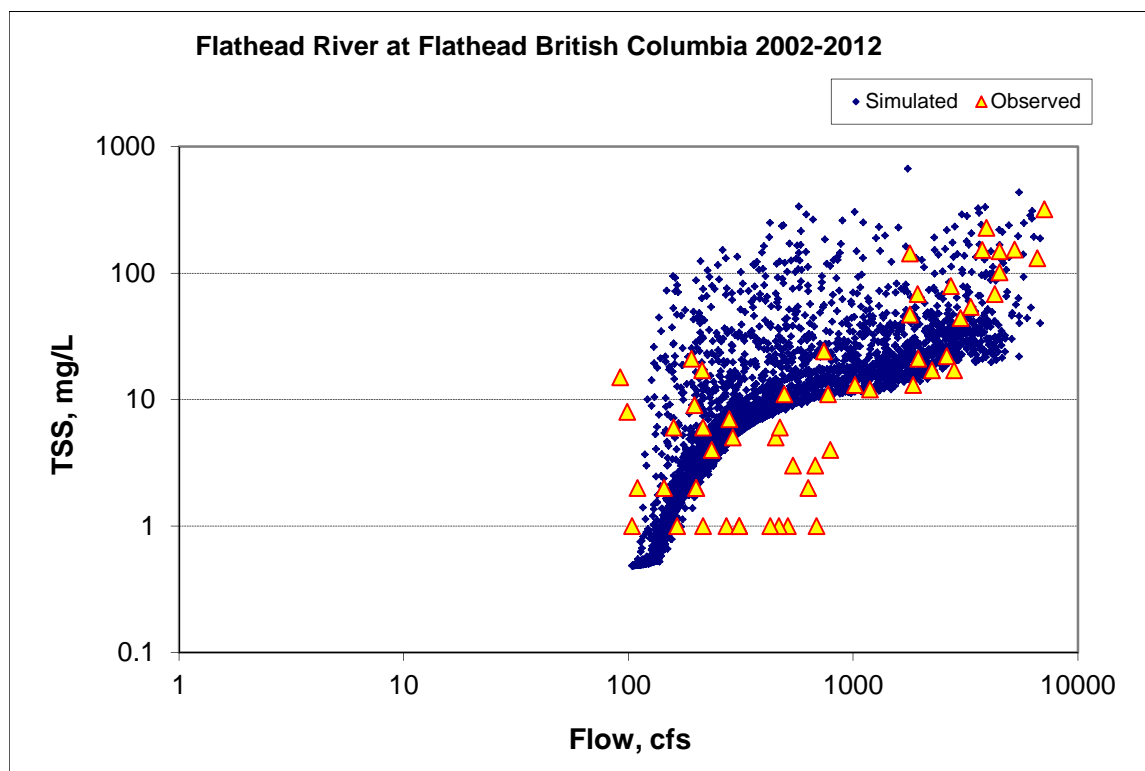
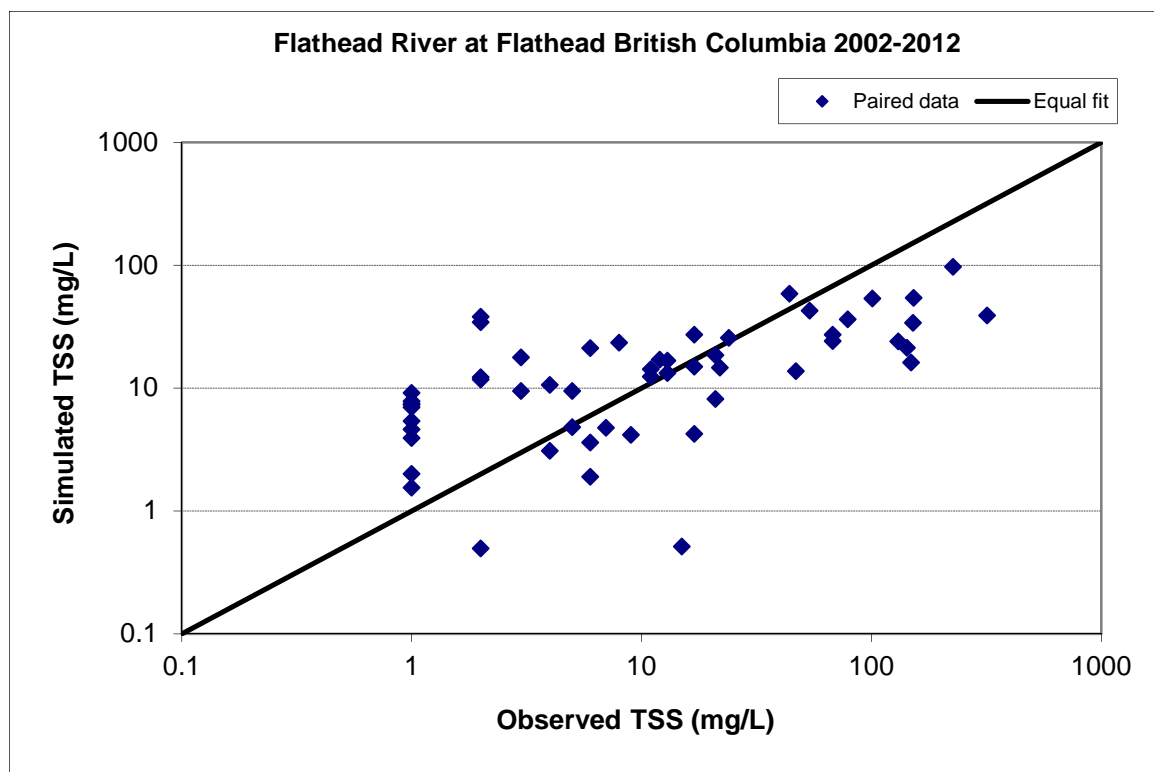
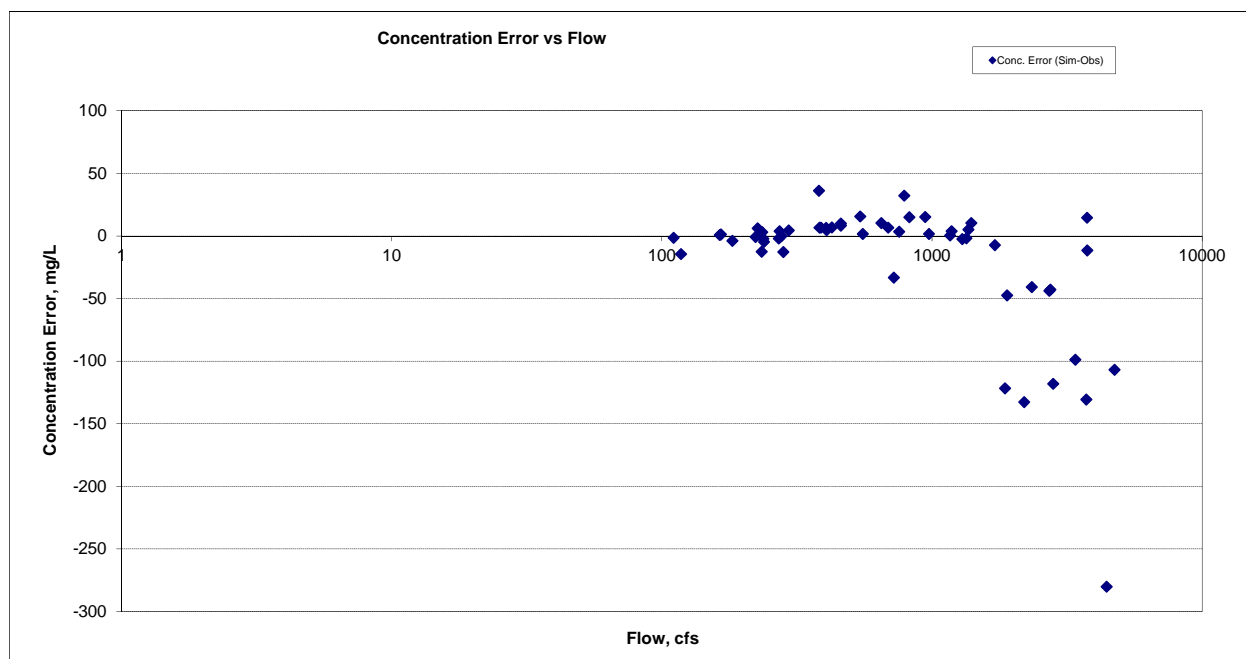


Figure H-4. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12355000 Flathead River at Flathead British Columbia

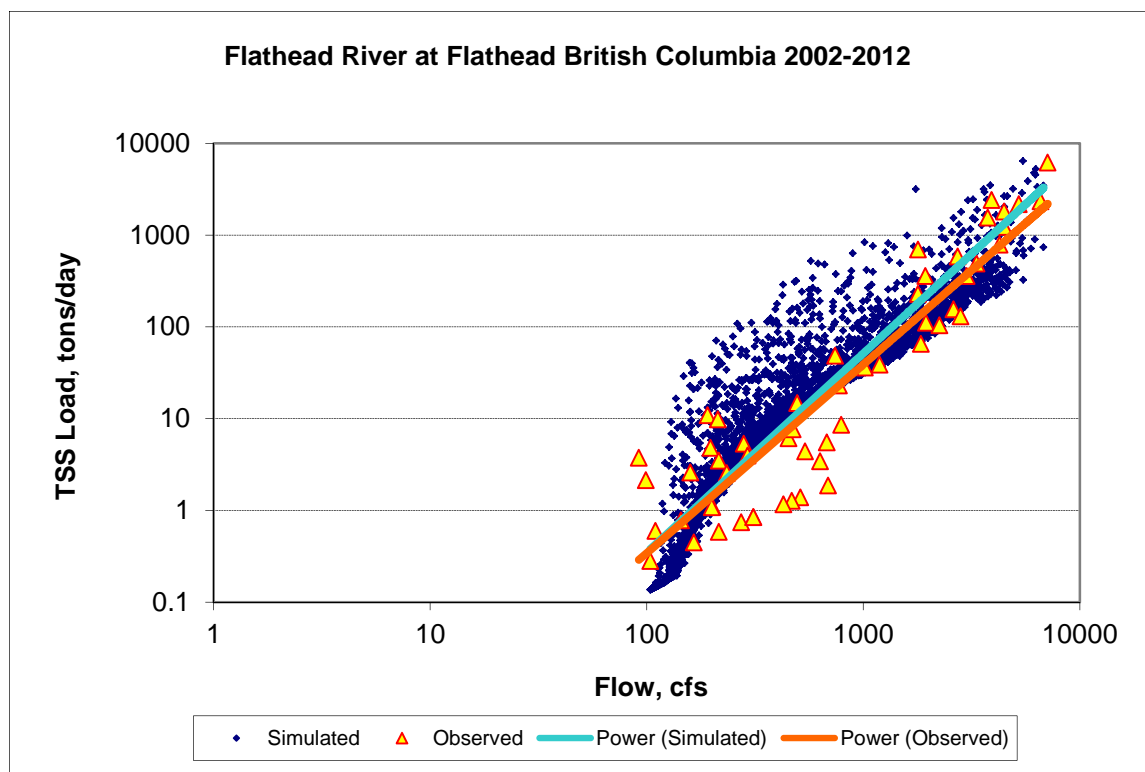




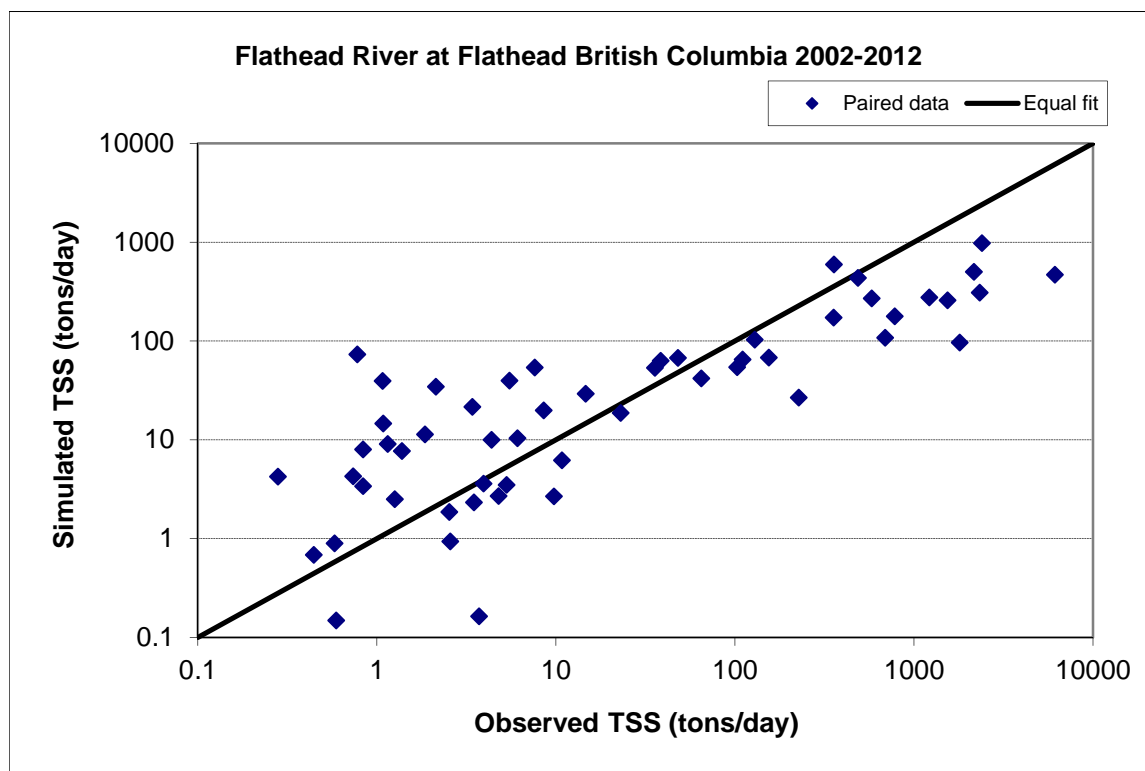
**Figure H-5. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12355000 Flathead River at Flathead British Columbia**



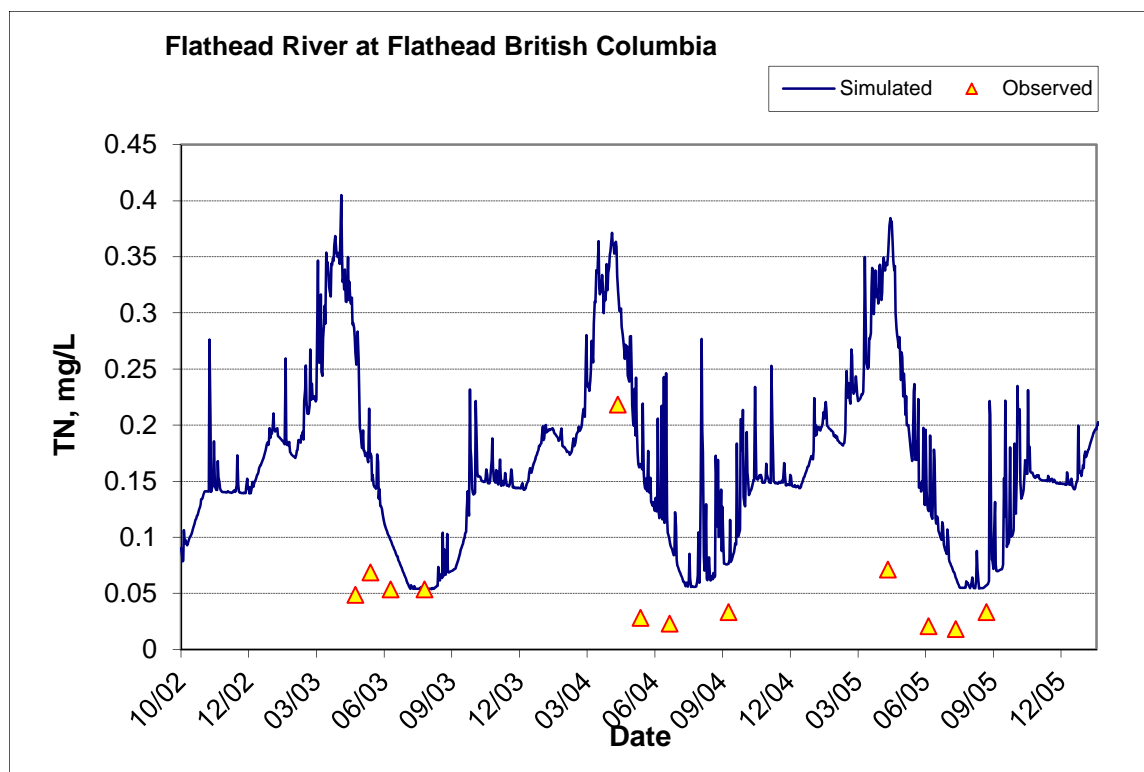
**Figure H-6. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12355000 Flathead River at Flathead British Columbia**



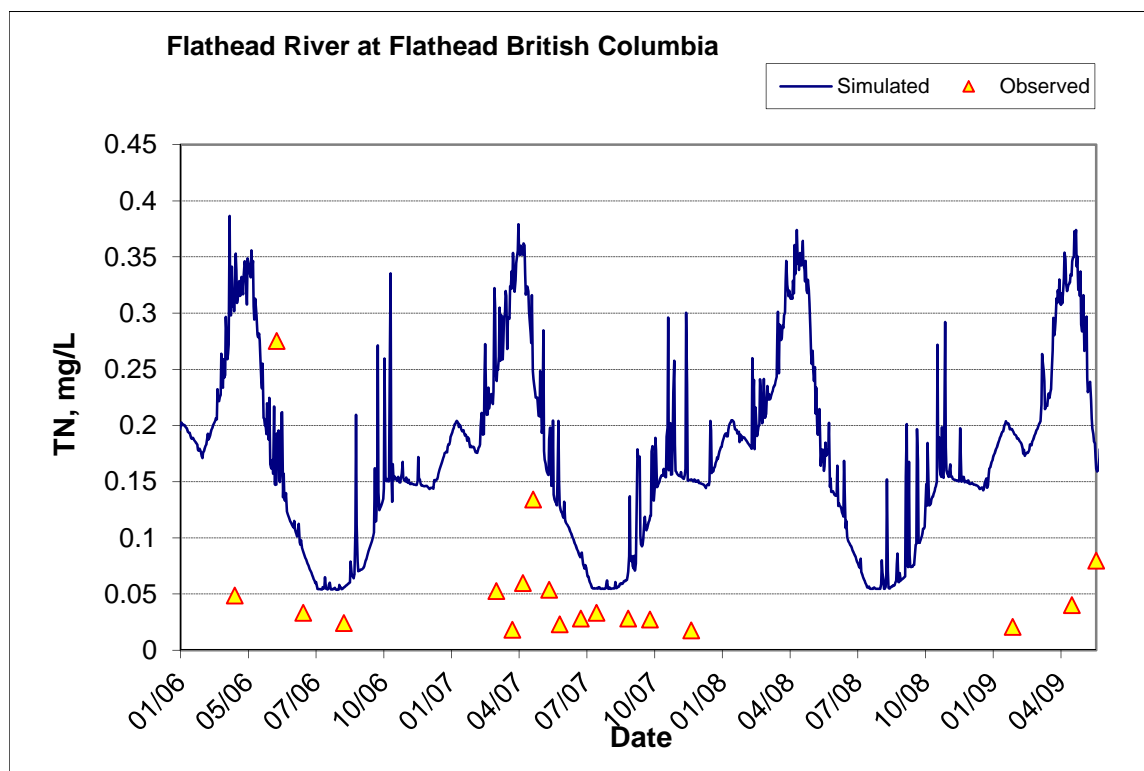
**Figure H-7. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12355000 Flathead River at Flathead British Columbia**



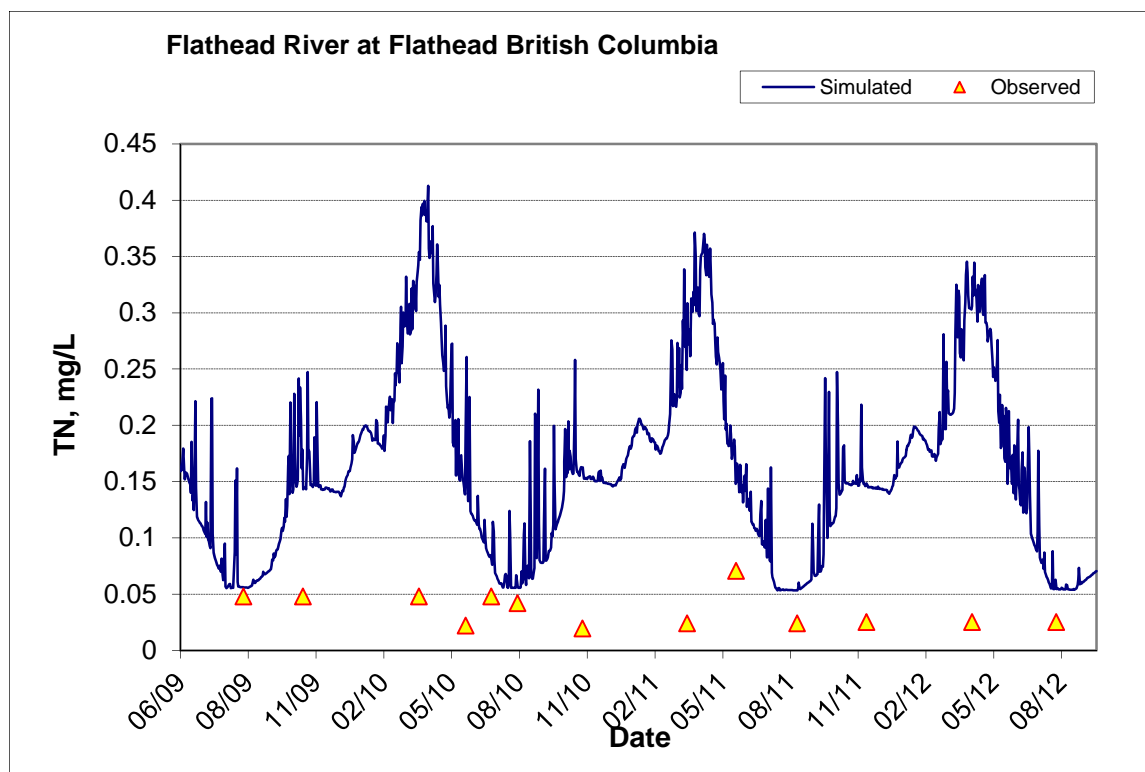
**Figure H-8. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12355000 Flathead River at Flathead British Columbia**



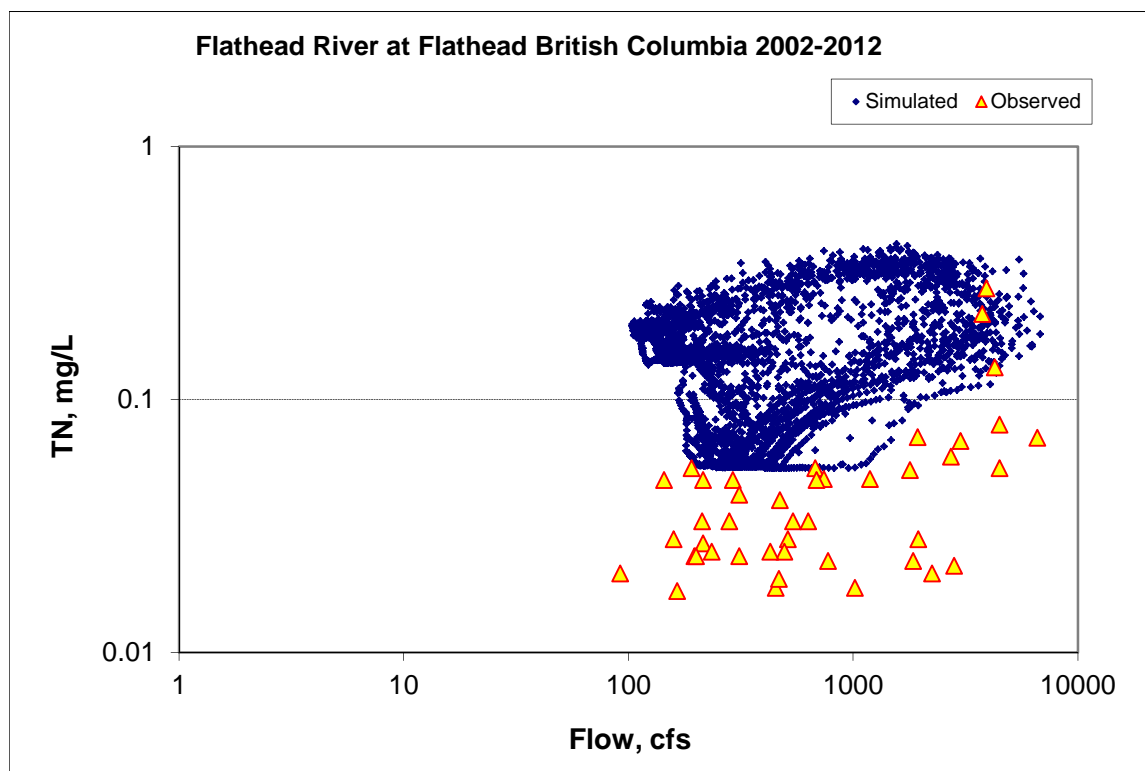
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**Figure H-12. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12355000 Flathead River at Flathead British Columbia**

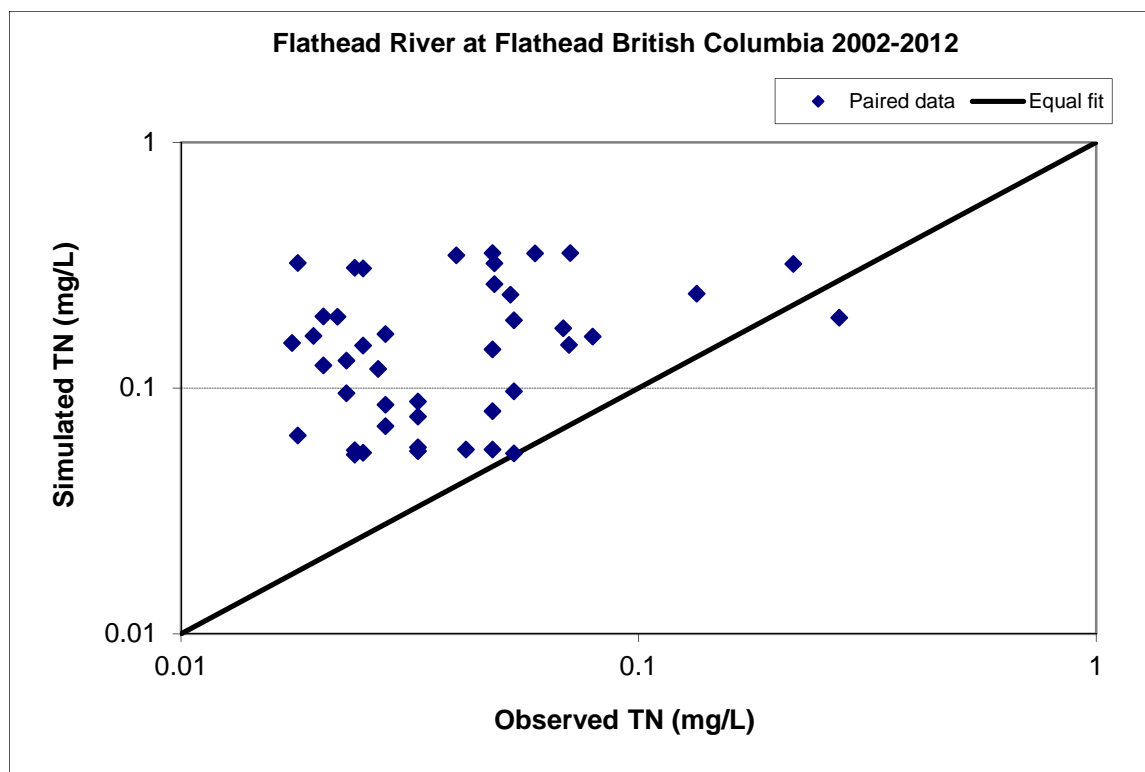


Figure H-13. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12355000 Flathead River at Flathead British Columbia

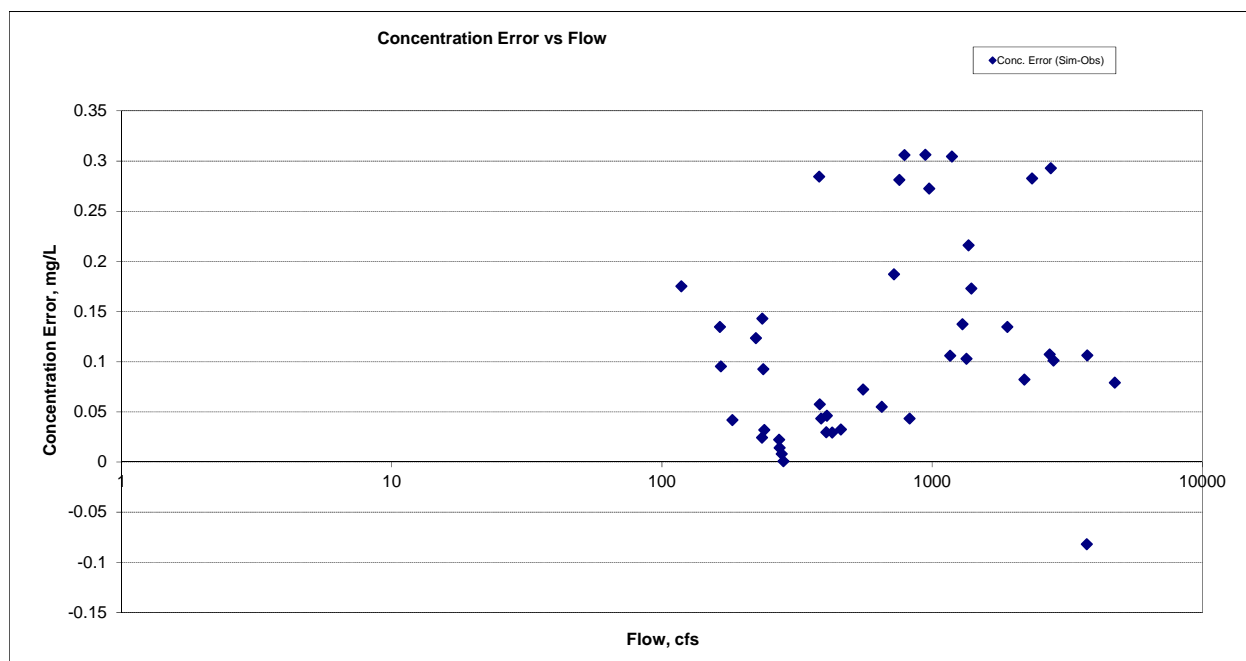


Figure H-14. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12355000 Flathead River at Flathead British Columbia

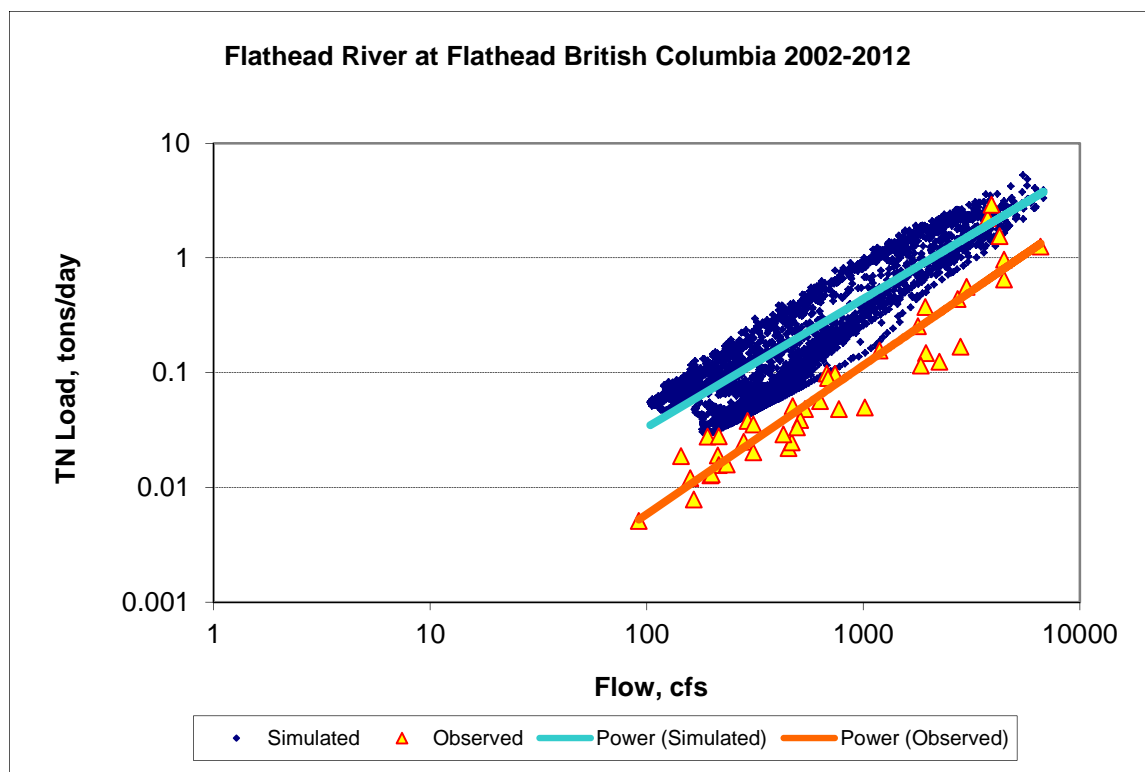


Figure H-15. Calibration Observed and Modeled TN Load vs. Flow Regression, 12355000 Flathead River at Flathead British Columbia

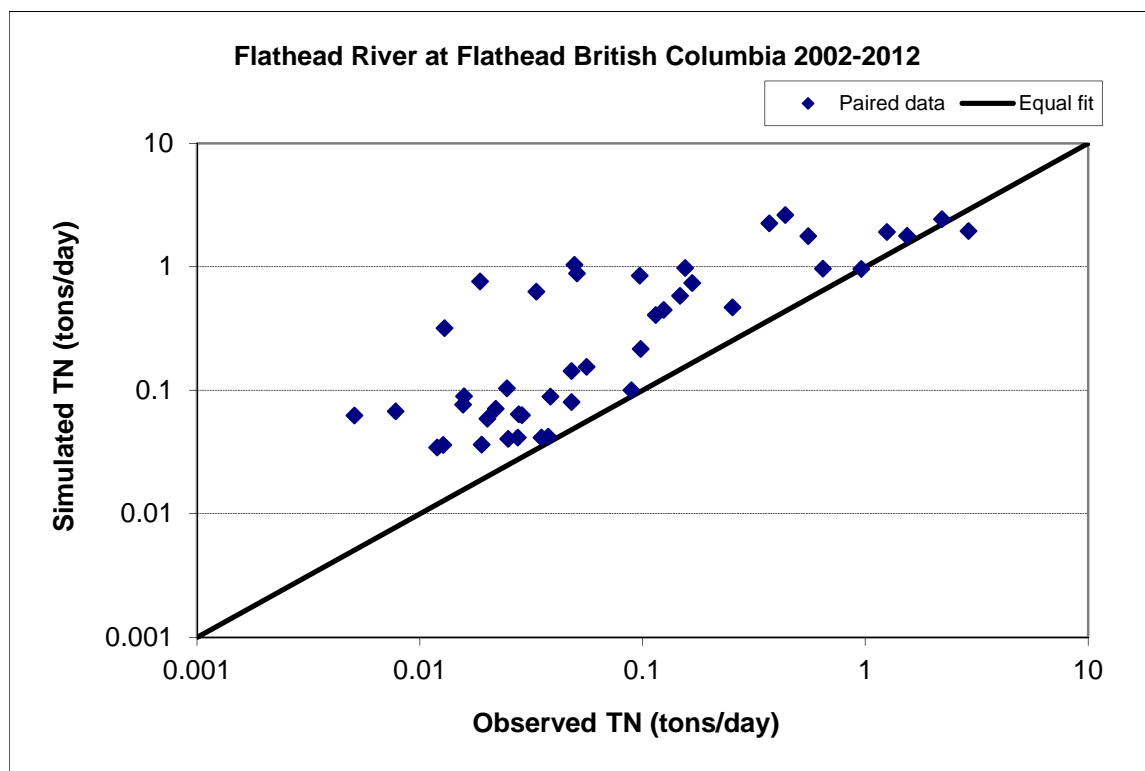
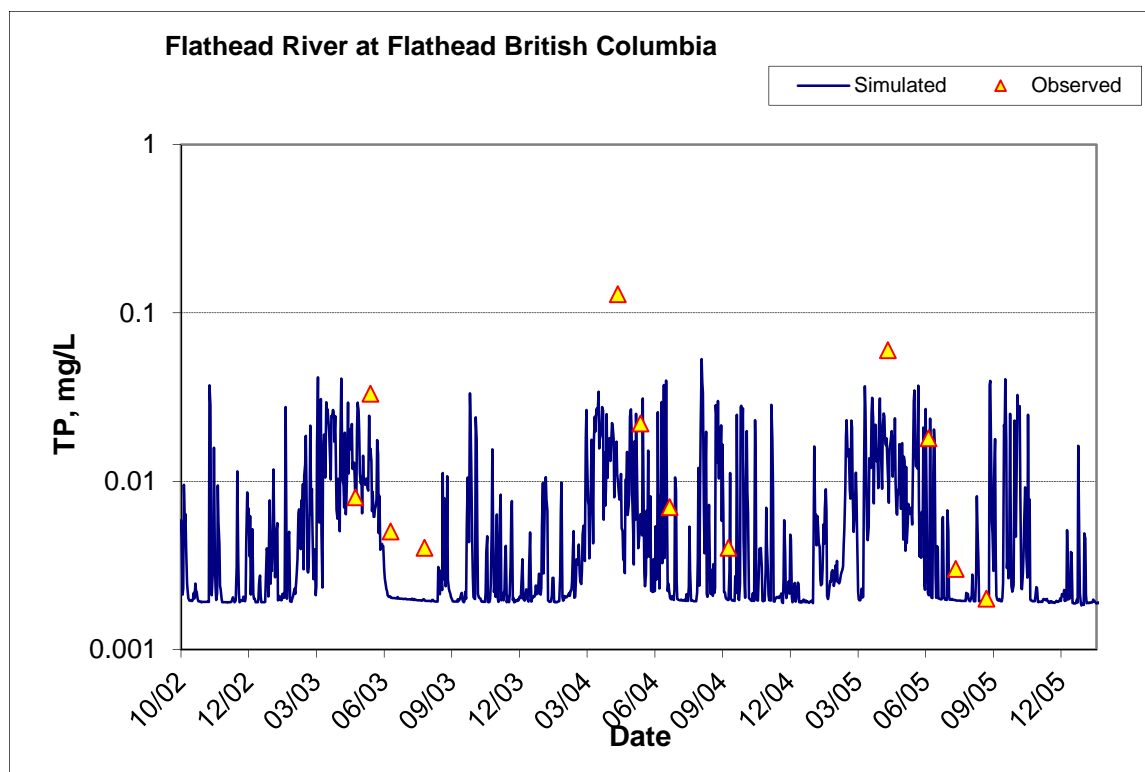
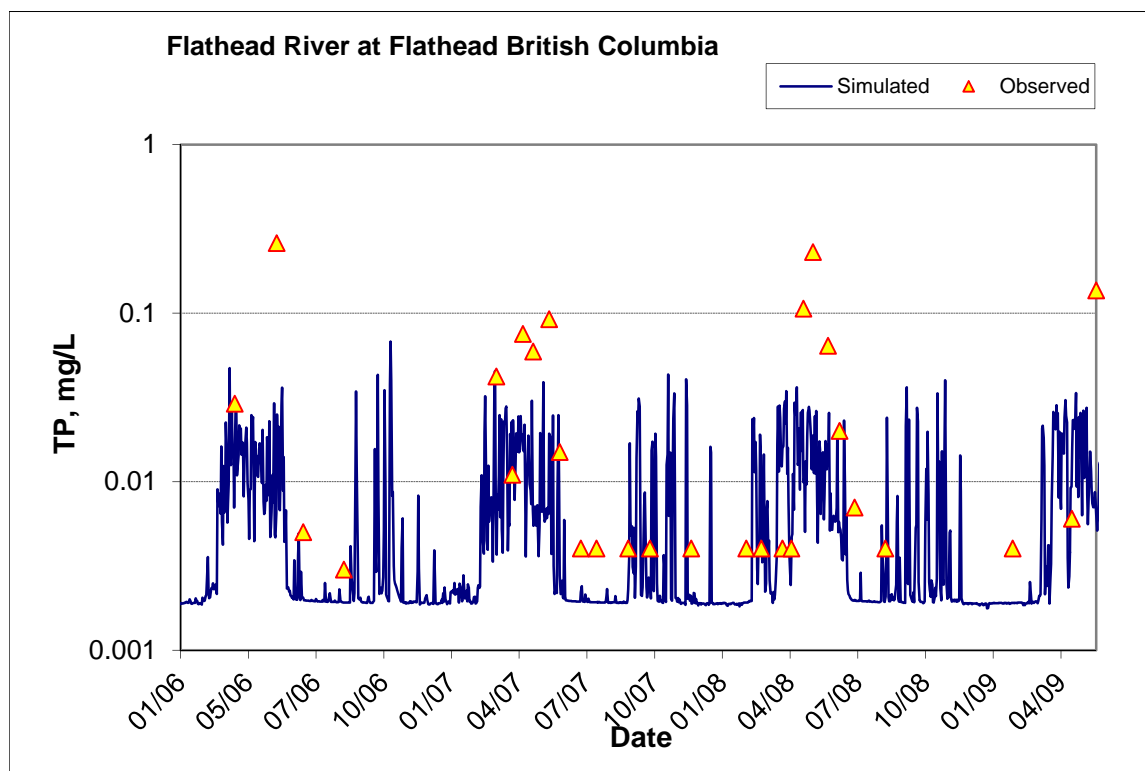


Figure H-16. Calibration Observed and Modeled TN Daily Paired Load Regression, 12355000 Flathead River at Flathead British Columbia



**Figure H-17. Calibration Observed and Modeled TP Time series Oct.2002 through Jan.2006, 12355000 Flathead River at Flathead British Columbia**



**Figure H-18. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12355000 Flathead River at Flathead British Columbia**

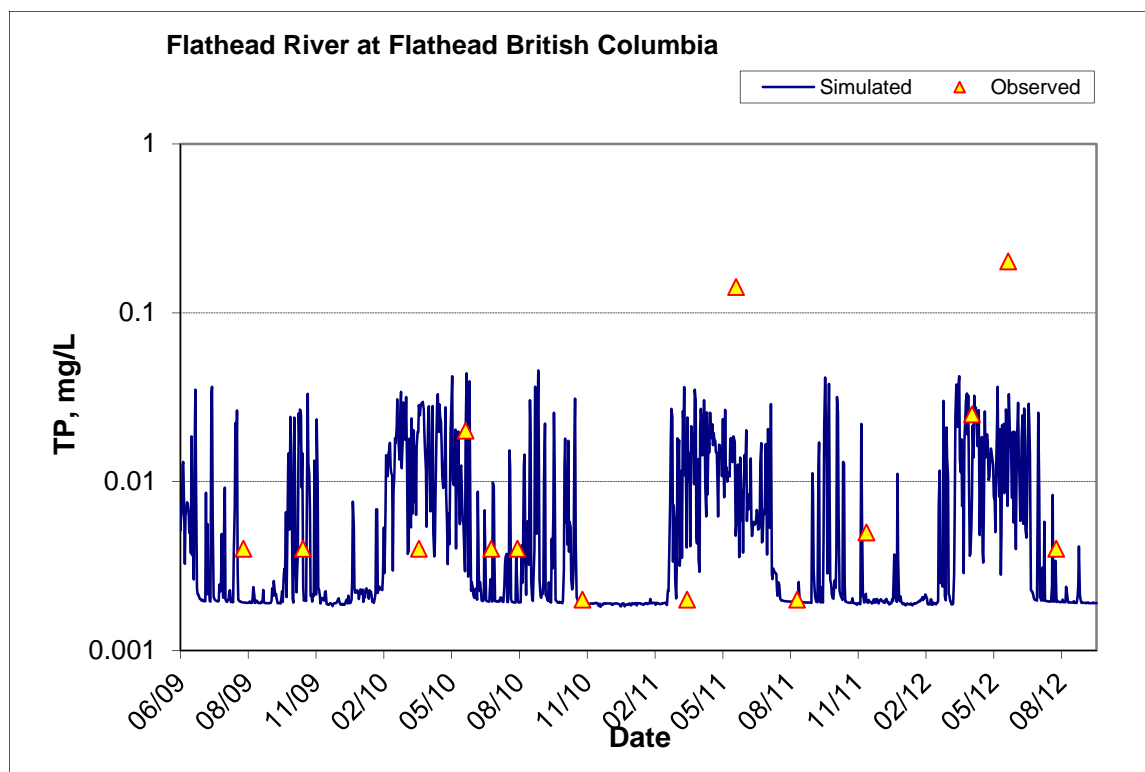


Figure H-19. Calibration Observed and Modeled TP Time series June 2009 through Sept. 2012, 12355000 Flathead River at Flathead British Columbia

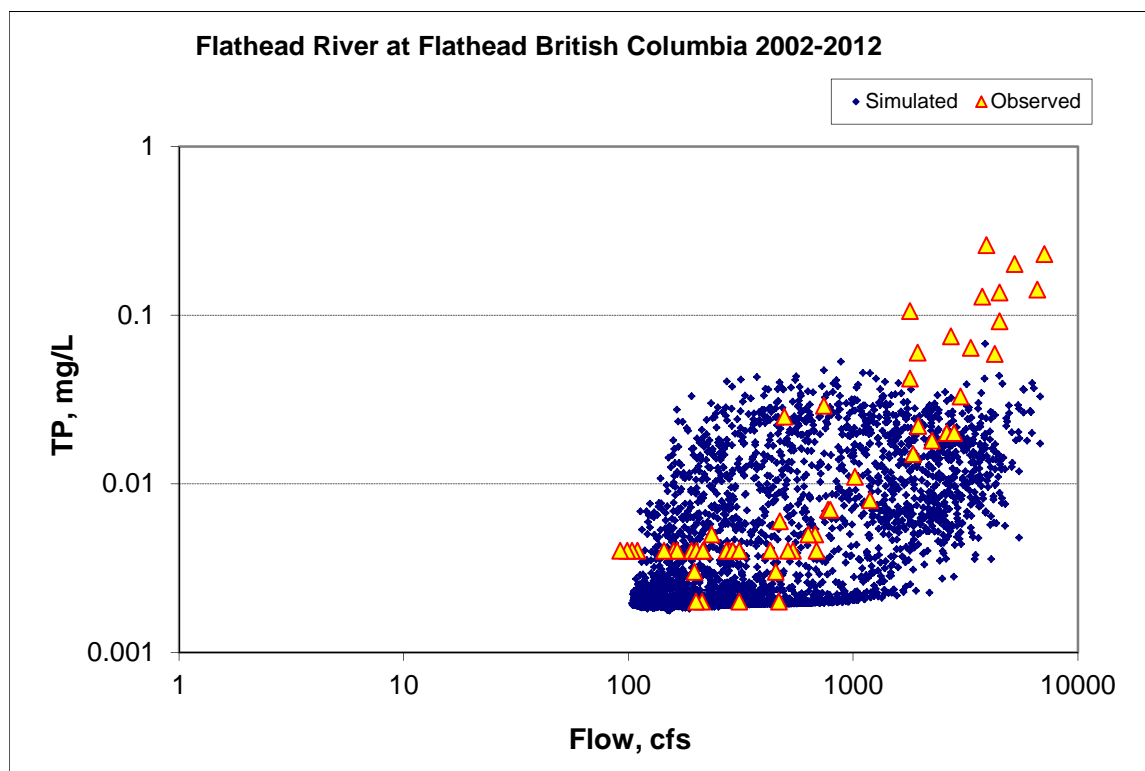
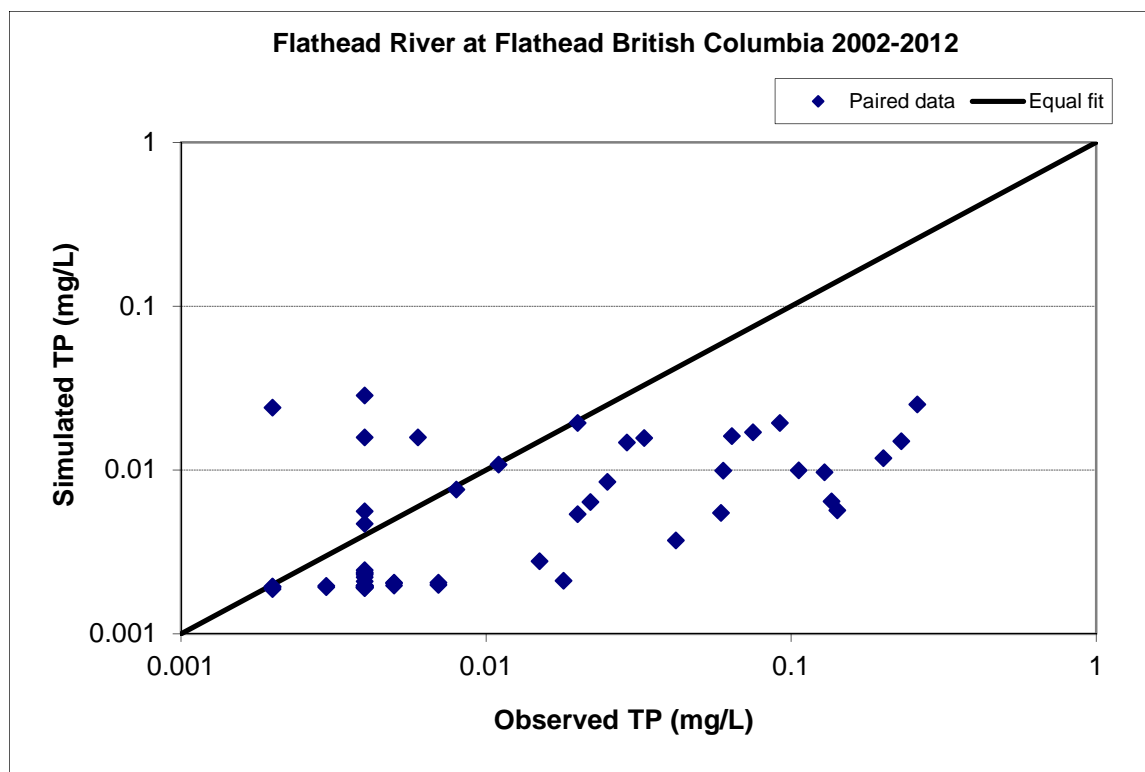
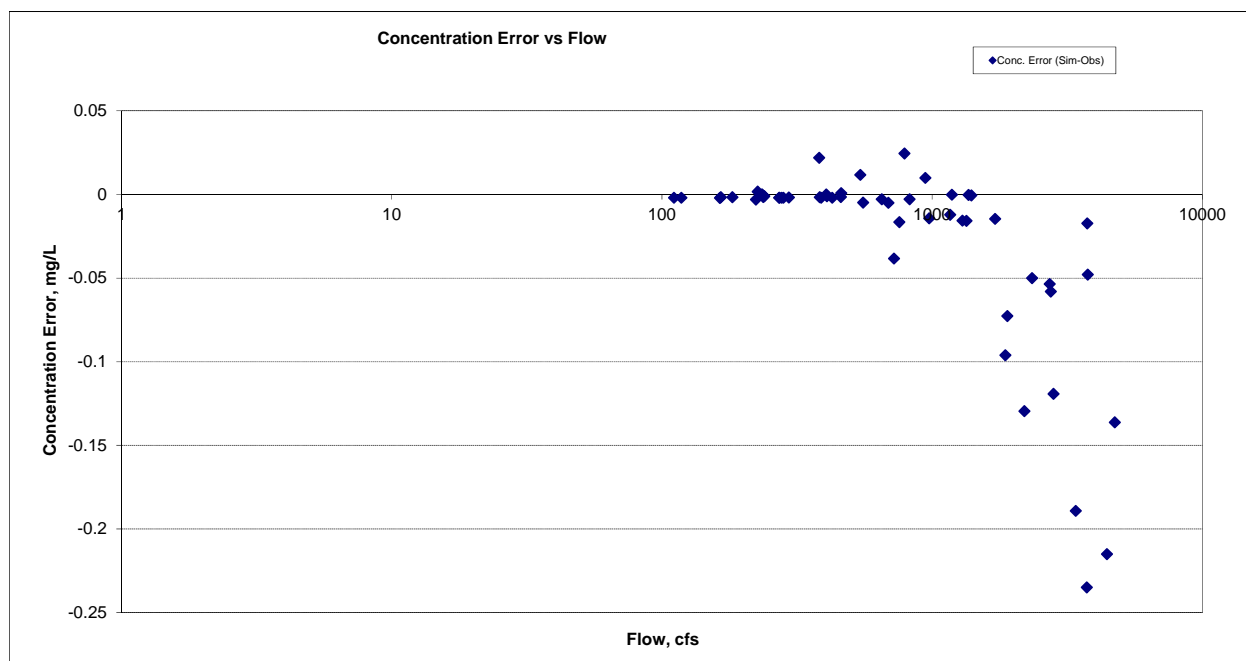


Figure H-20. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12355000 Flathead River at Flathead British Columbia

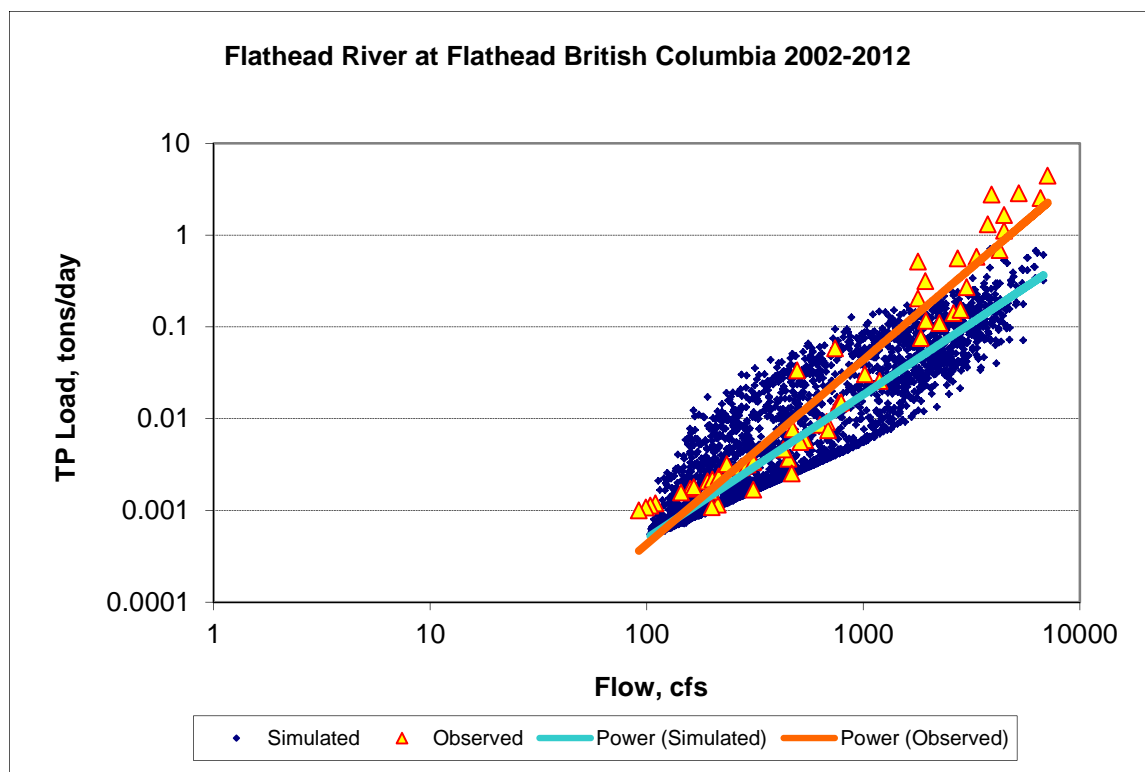




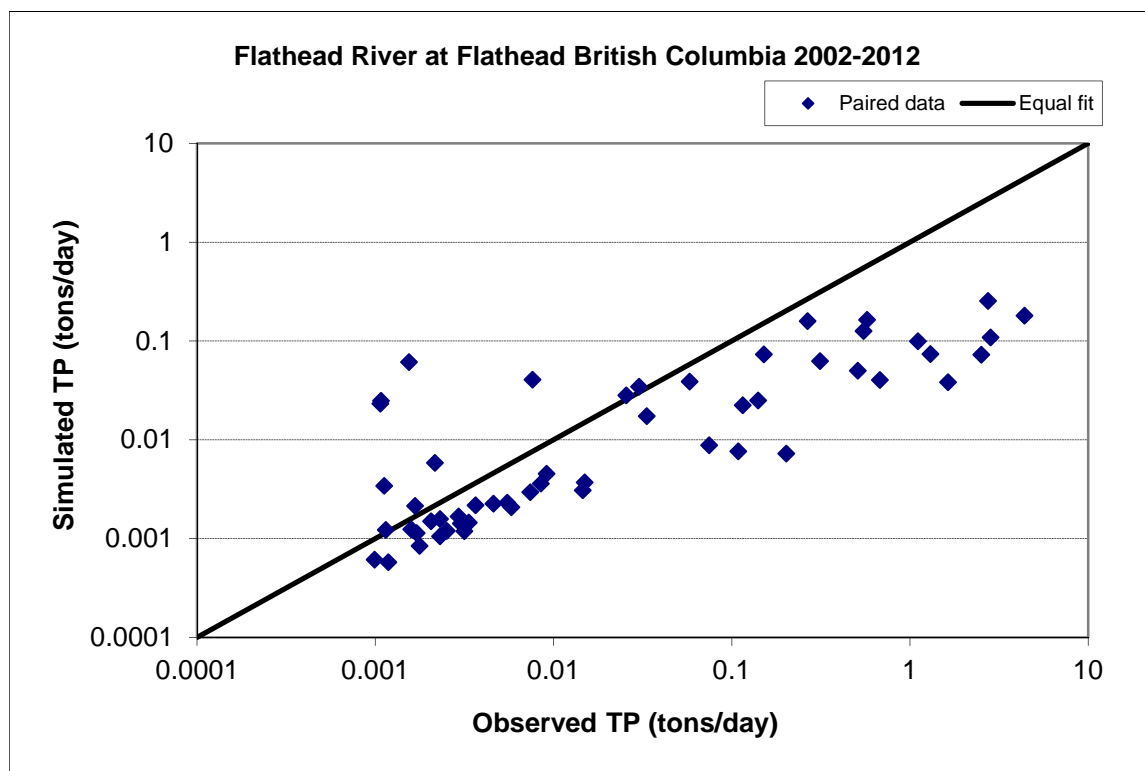
**Figure H-21. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12355000 Flathead River at Flathead British Columbia**



**Figure H-22. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12355000 Flathead River at Flathead British Columbia**



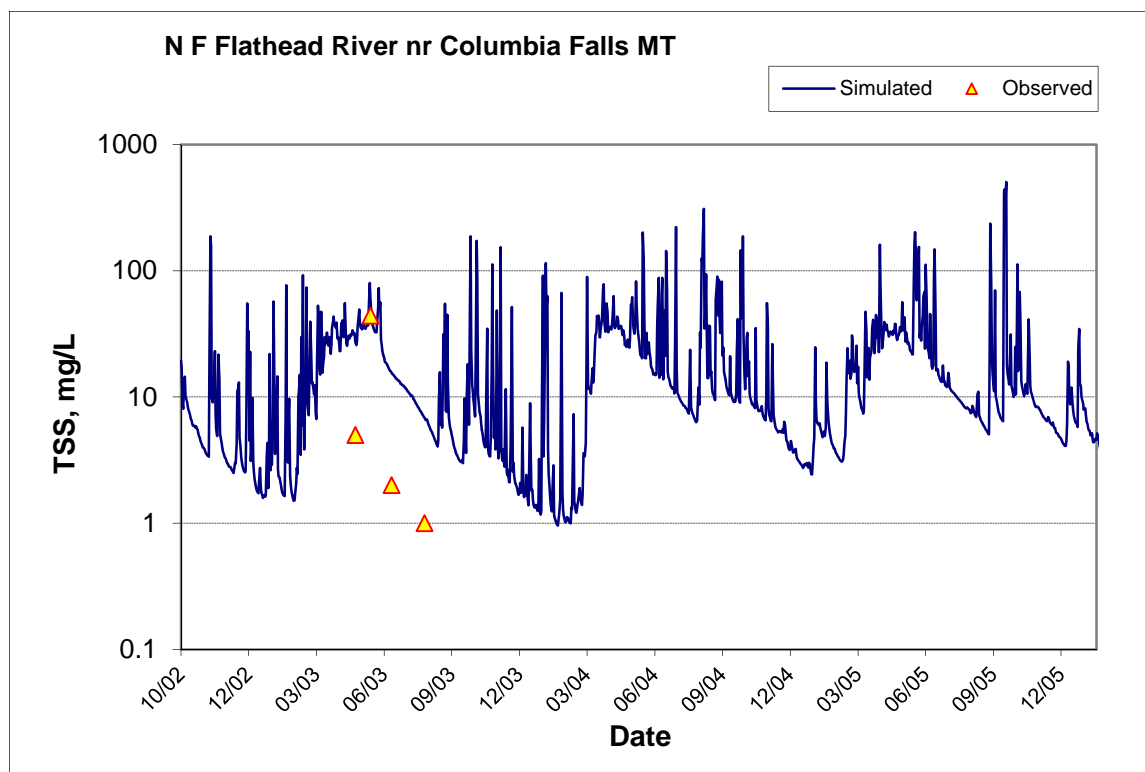
**Figure H-23. Calibration Observed and Modeled TP Load vs. Flow Regression, 12355000 Flathead River at Flathead British Columbia**



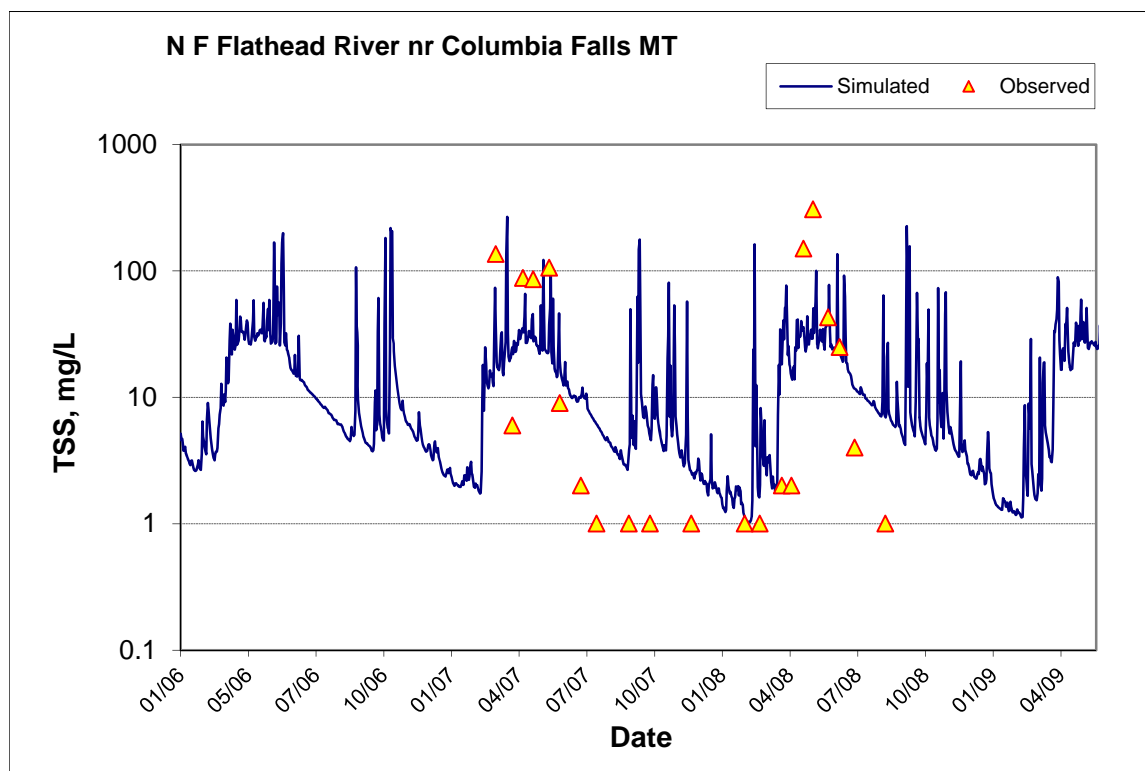
**Figure H-24. Calibration Observed and Modeled TP Daily Paired Load Regression, 12355000 Flathead River at Flathead British Columbia**

## **H-2. N F FLATHEAD RIVER NR COLUMBIA FALLS MT (12355500)**

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**Figure H-25. Calibration Observed and Modeled TSS Time series Oct. 2002 through Jan. 2006, 1235500 N F Flathead River nr Columbia Falls MT**



**Figure H-26. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, 1235500 N F Flathead River nr Columbia Falls MT**

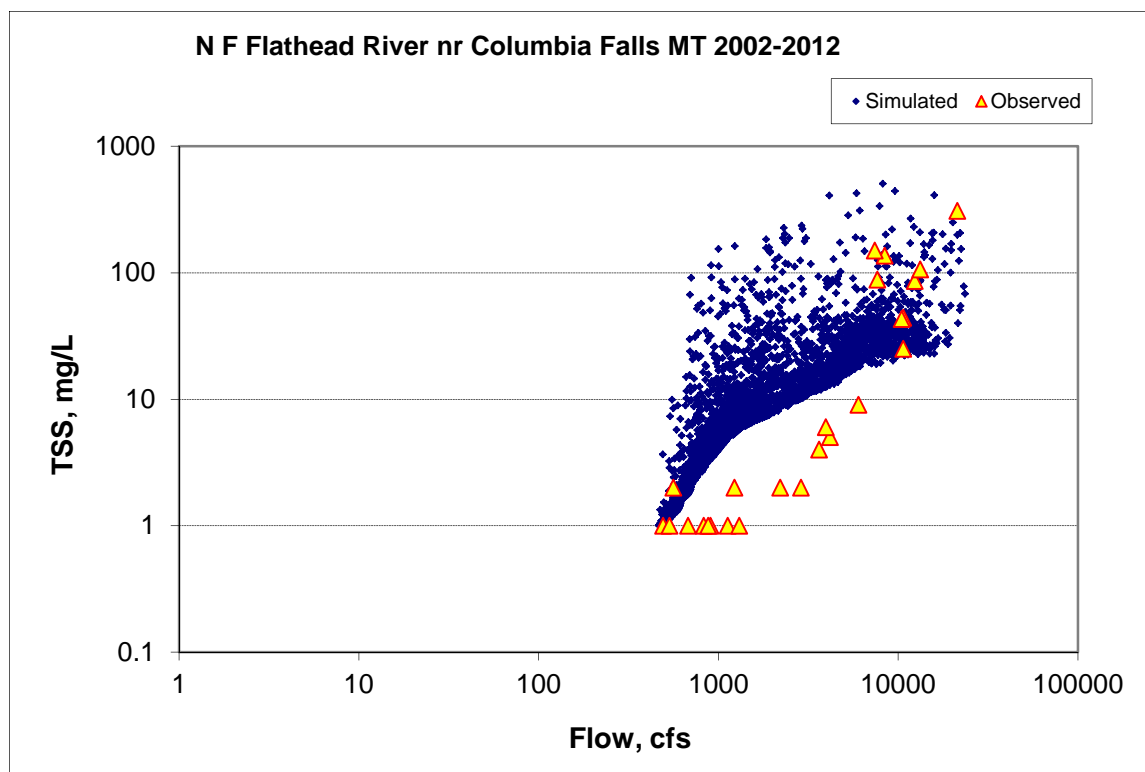


Figure H-27. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12355500 N F Flathead River nr Columbia Falls MT

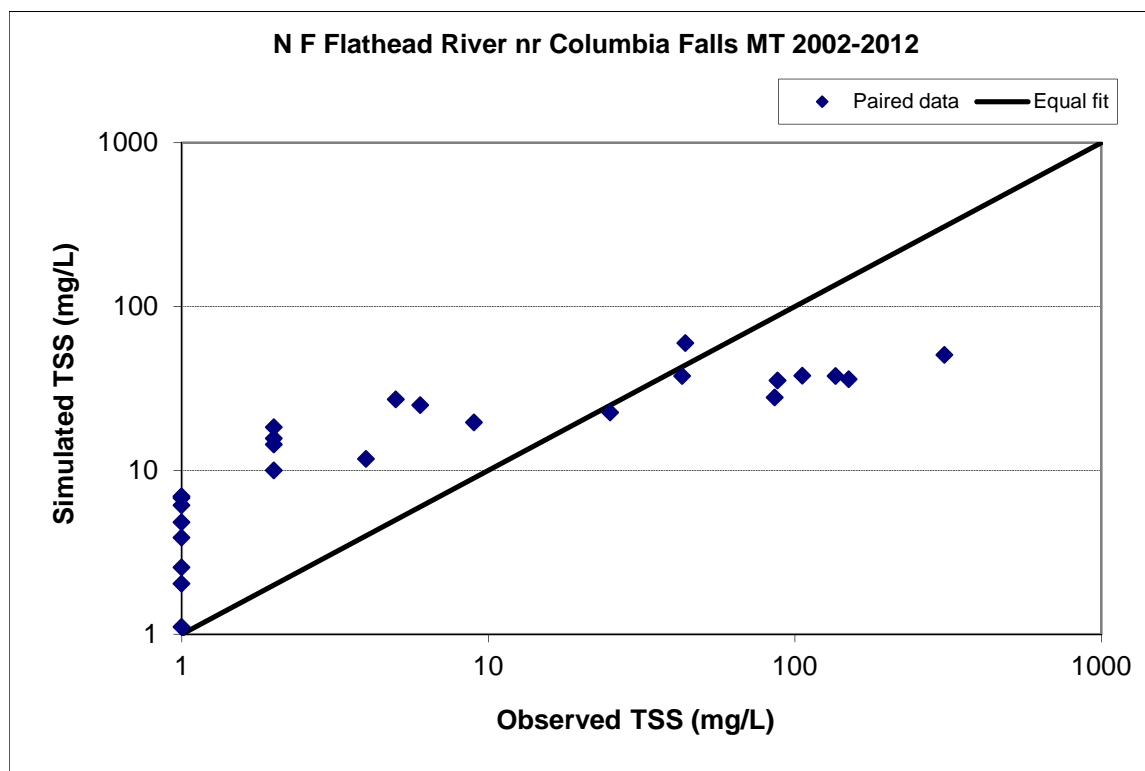
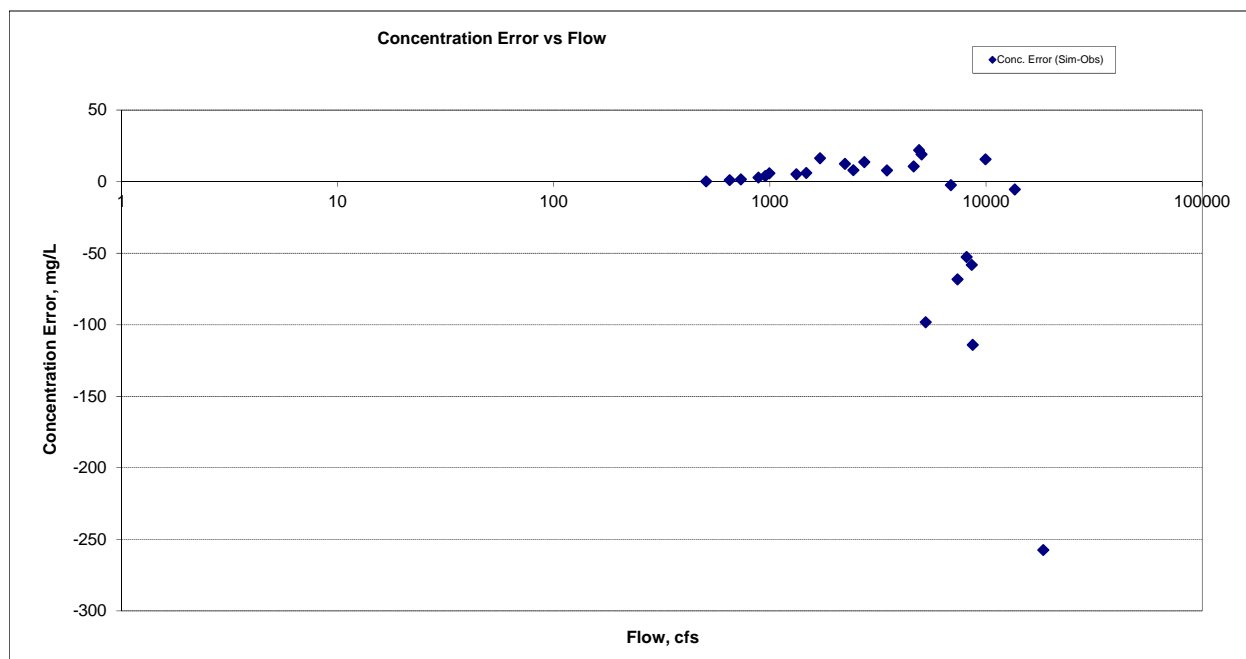
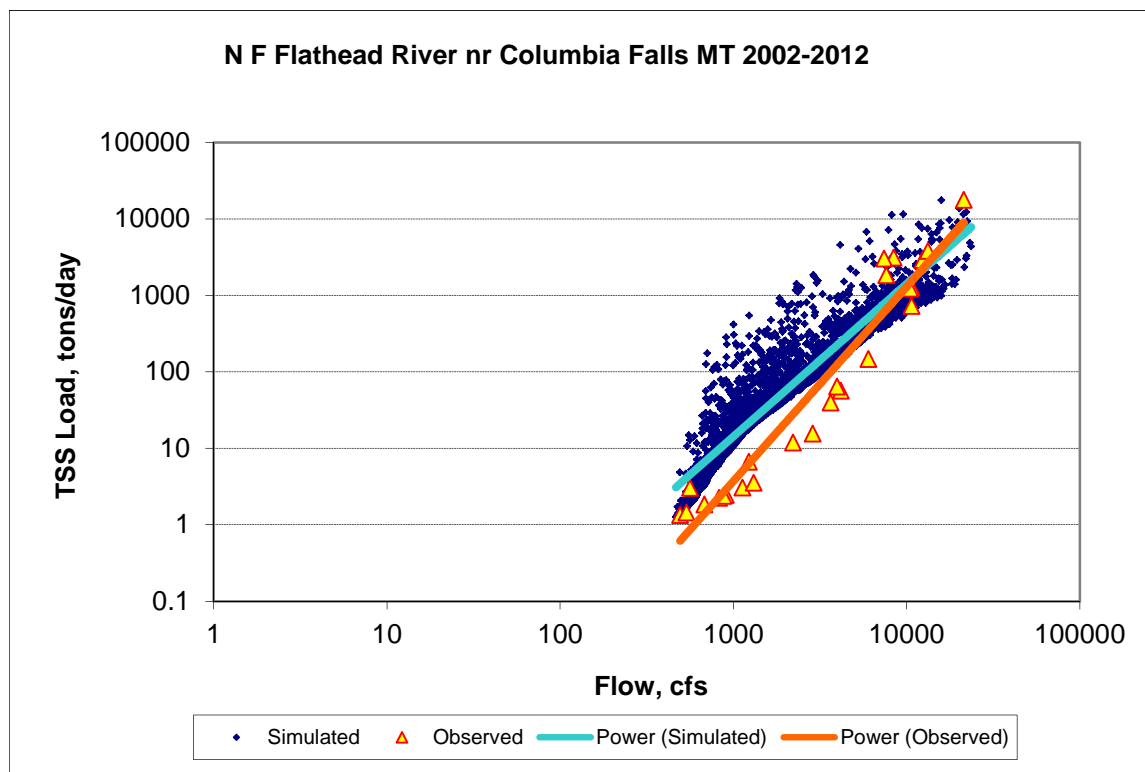


Figure H-28. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12355500 N F Flathead River nr Columbia Falls MT



**Figure H-29. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12355500 N F Flathead River nr Columbia Falls MT**



**Figure H-30. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12355500 N F Flathead River nr Columbia Falls MT**

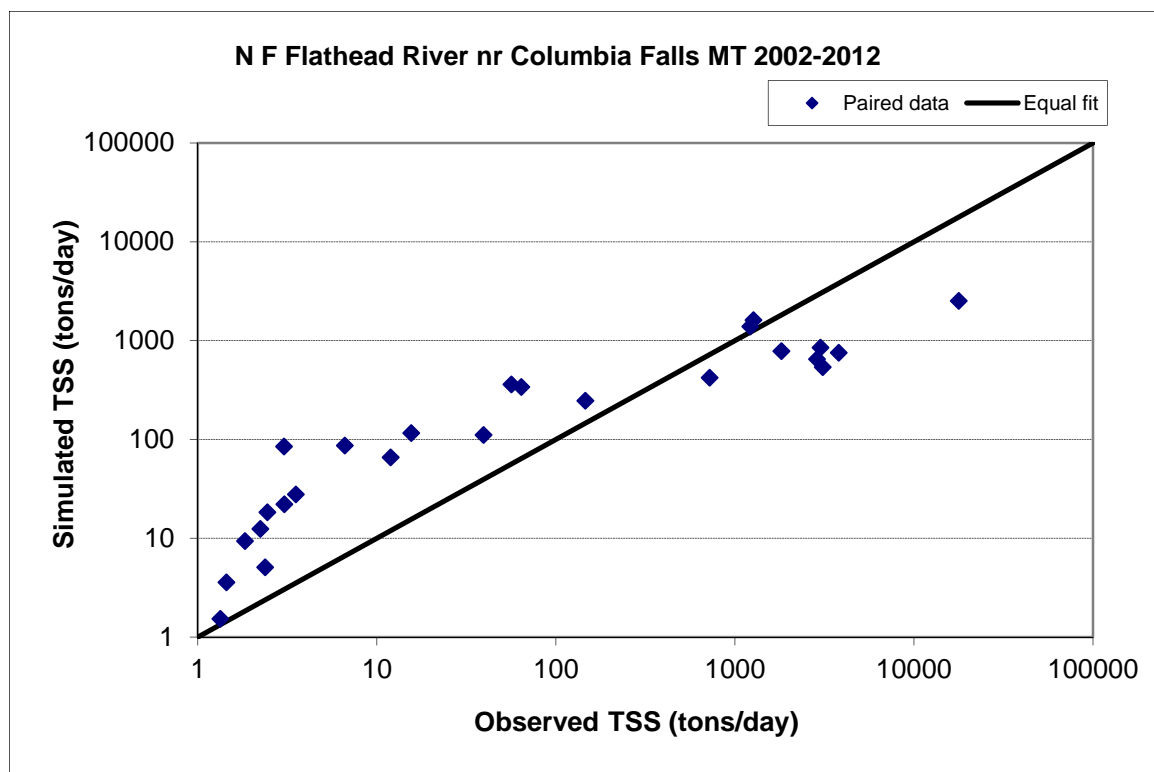


Figure H-31. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12355500 N F Flathead River nr Columbia Falls MT

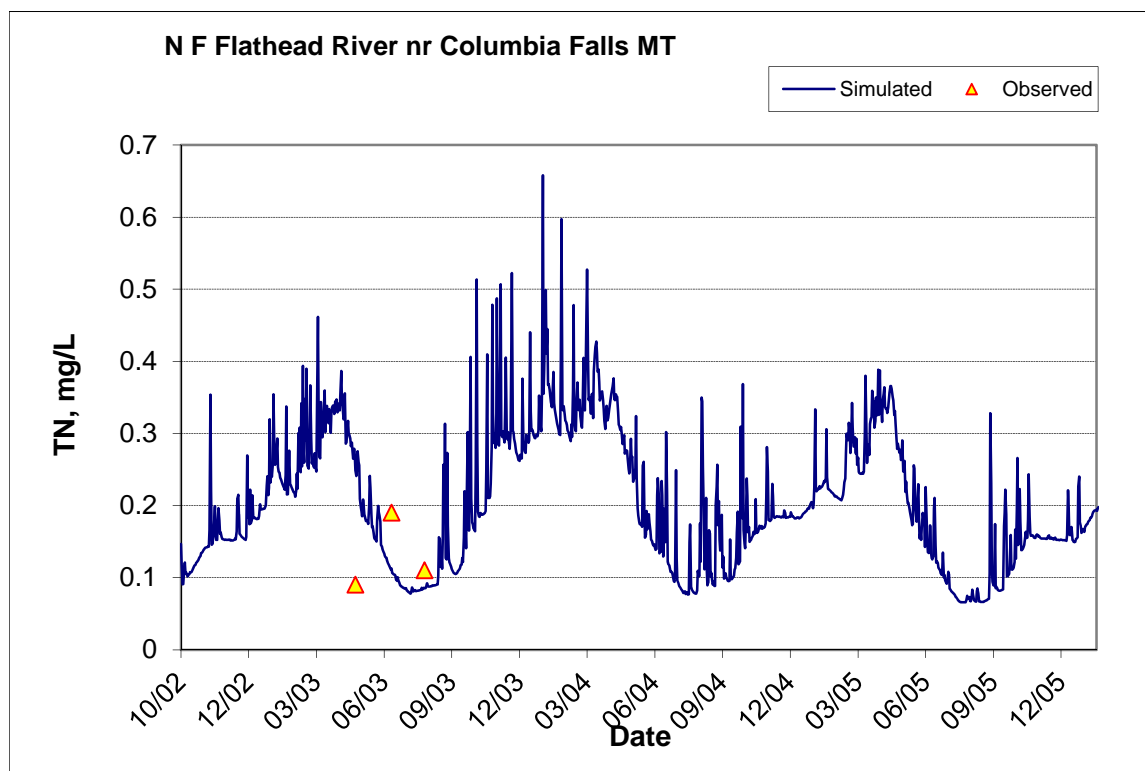
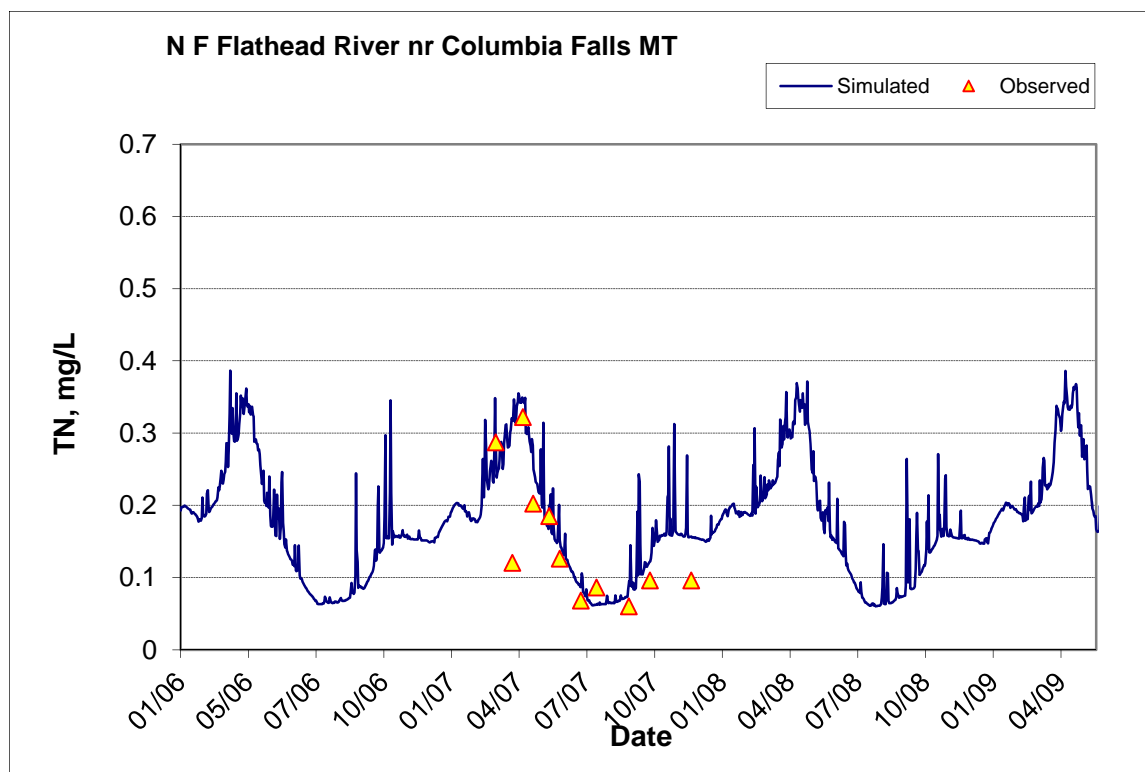
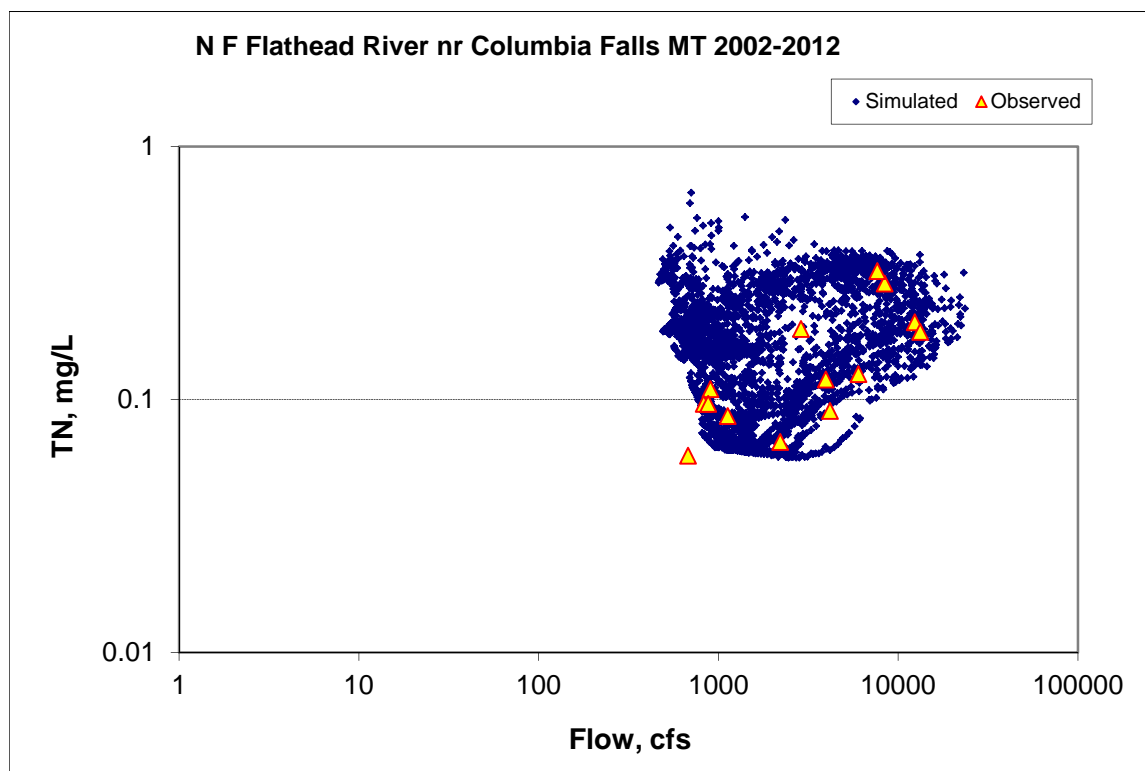


Figure H-32. Calibration Observed and Modeled TN Time series Oct.2002 through Jan.2006, 12355500 N F Flathead River nr Columbia Falls MT

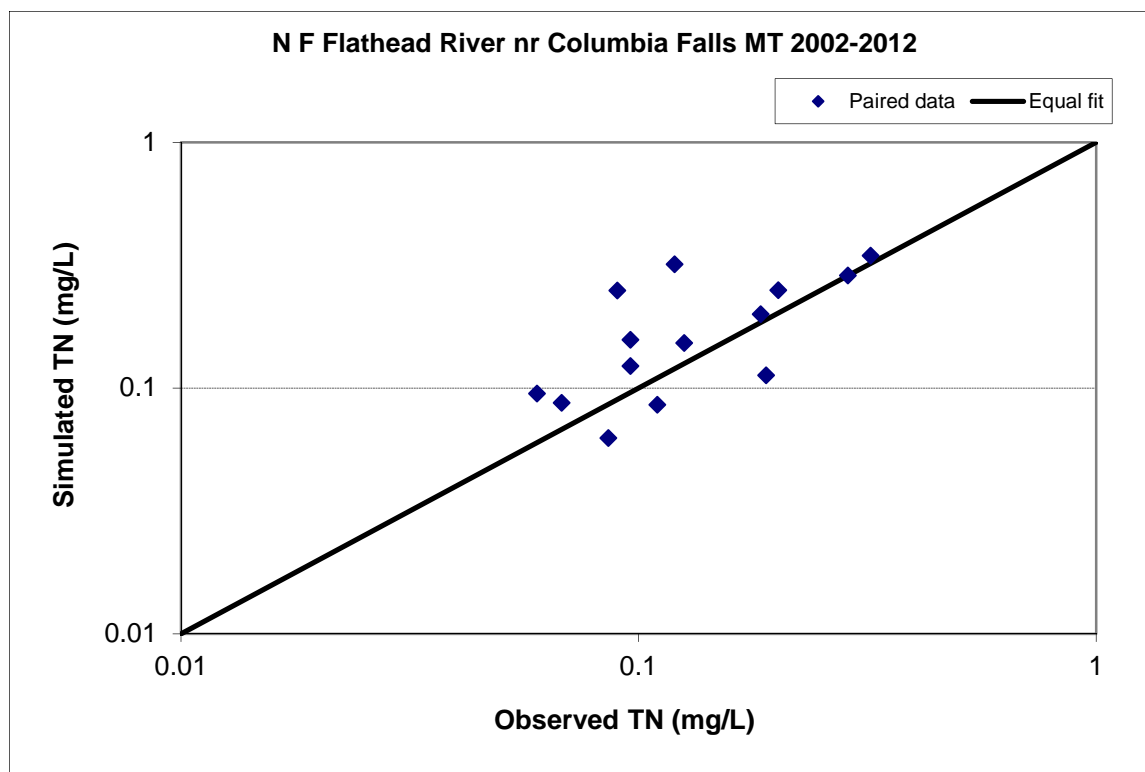


**Figure H-33. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12355500 N F Flathead River nr Columbia Falls MT**

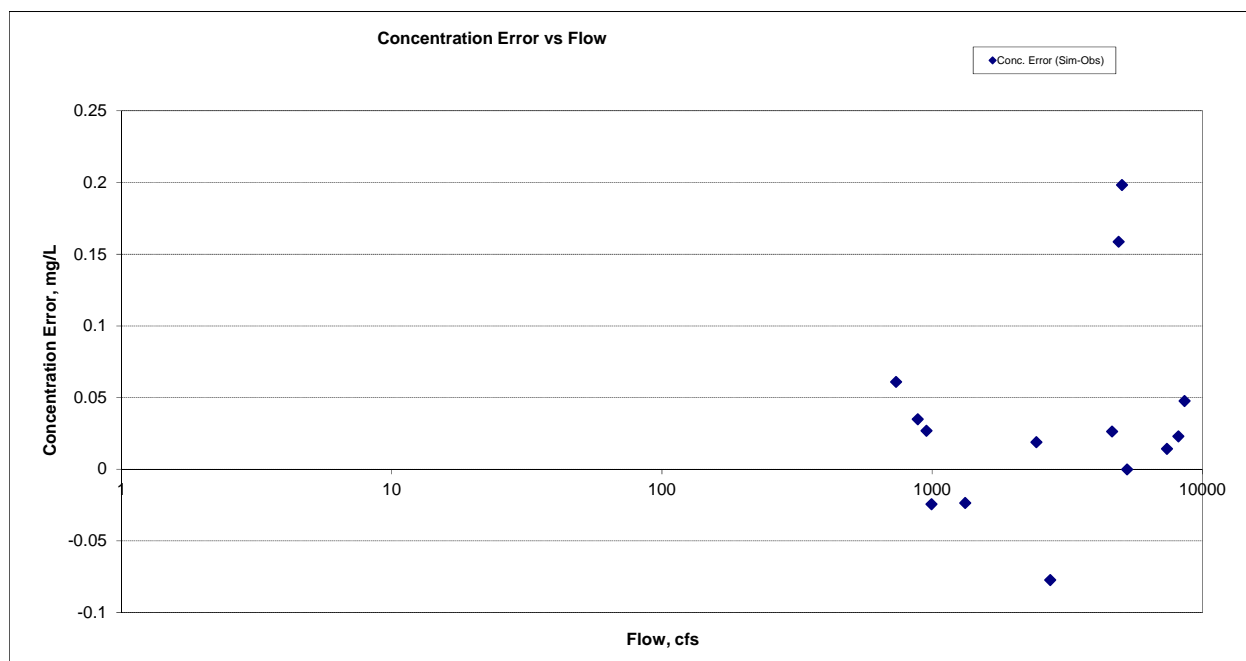


**Figure H-34. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12355500 N F Flathead River nr Columbia Falls MT**

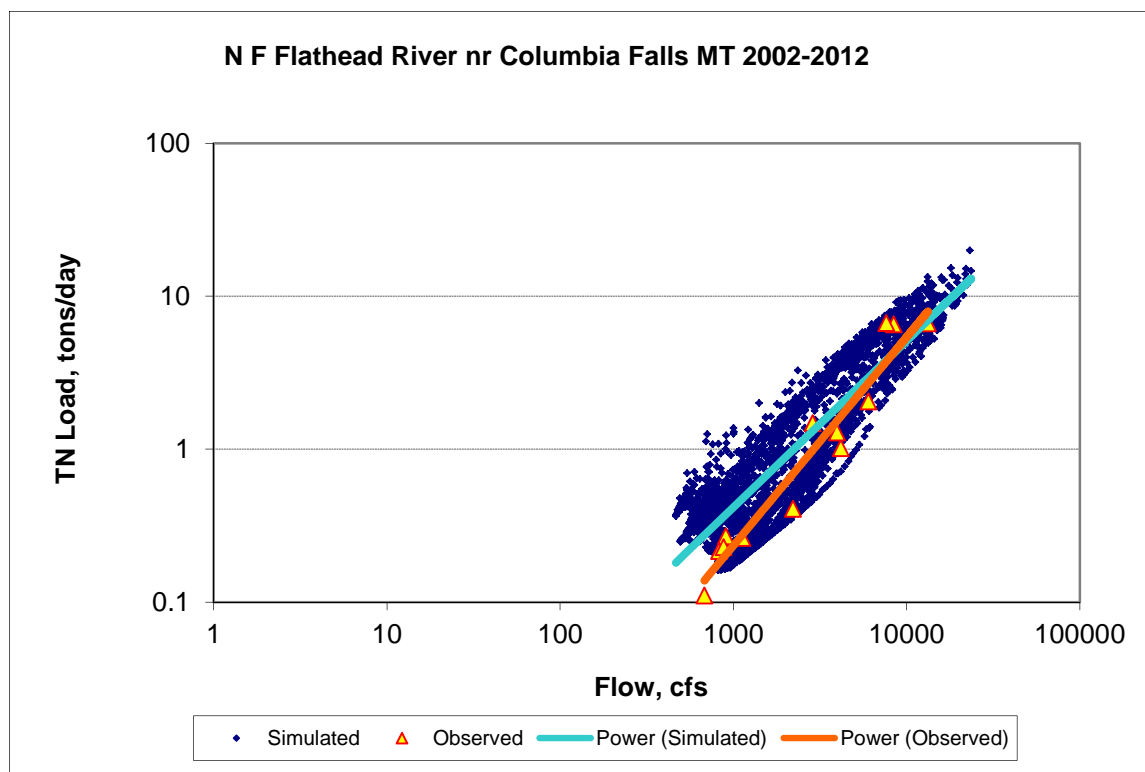




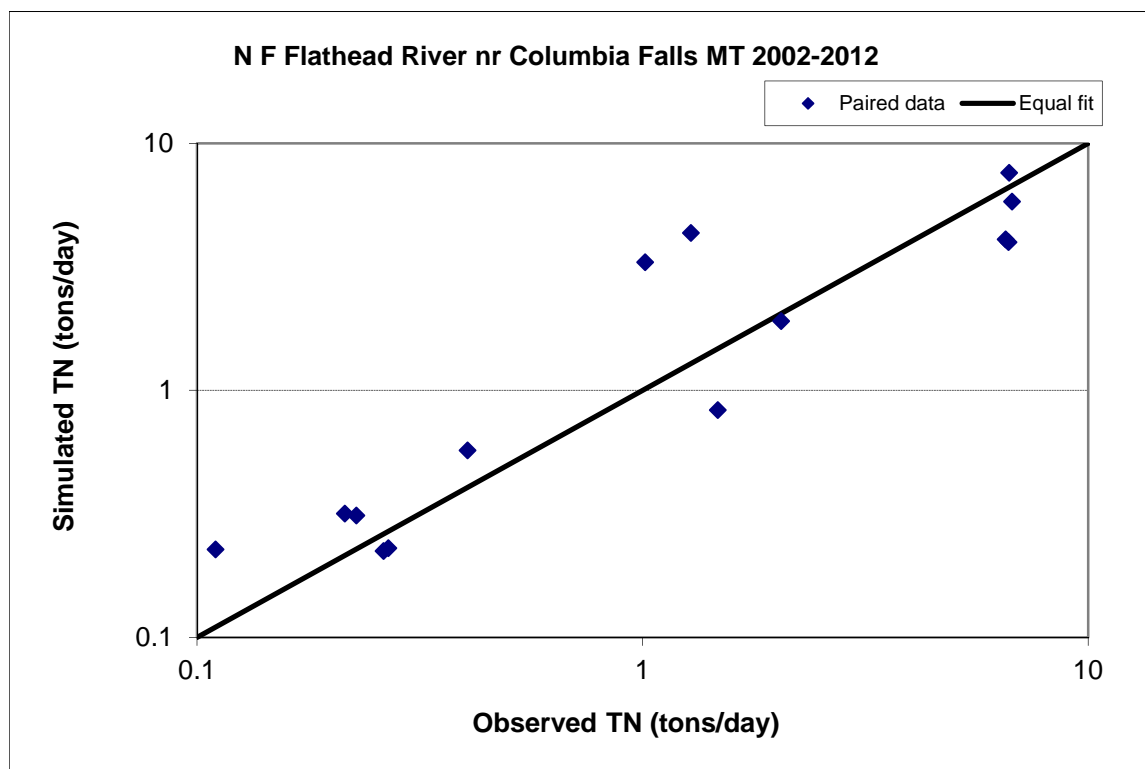
**Figure H-35. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12355500 N F Flathead River nr Columbia Falls MT**



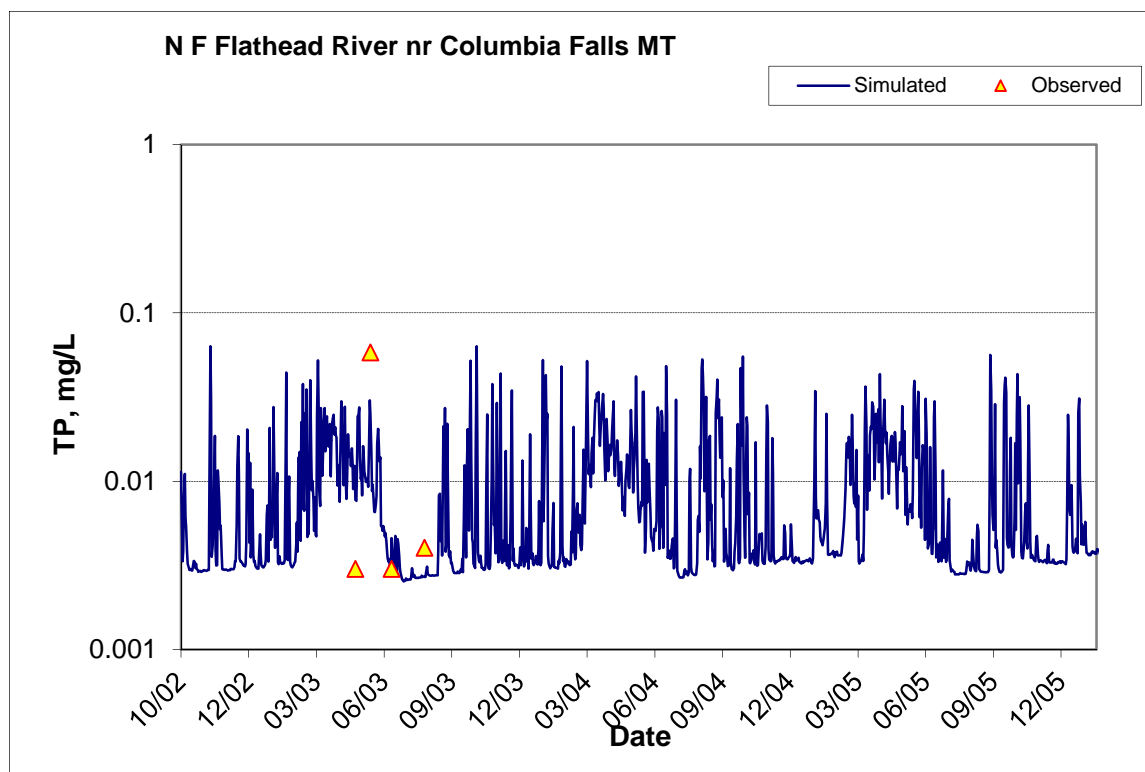
**Figure H-36. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12355500 N F Flathead River nr Columbia Falls MT**



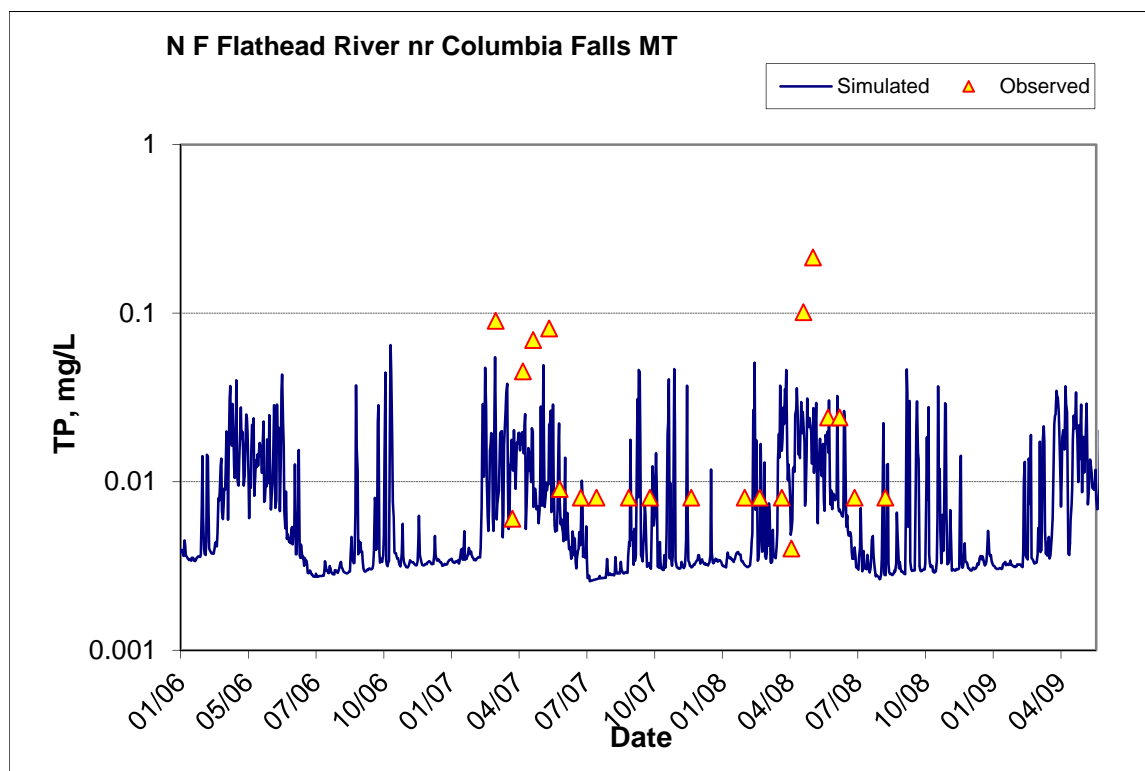
**Figure H-37. Calibration Observed and Modeled TN Load vs. Flow Regression, 12355500 N F Flathead River nr Columbia Falls MT**



**Figure H-38. Calibration Observed and Modeled TN Daily Paired Load Regression, 12355500 N F Flathead River nr Columbia Falls MT**



**Figure H-39. Calibration Observed and Modeled TP Time series Oct.2002 through Jan.2006, 12355500 N F Flathead River nr Columbia Falls MT**



**Figure H-40. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12355500 N F Flathead River nr Columbia Falls MT**

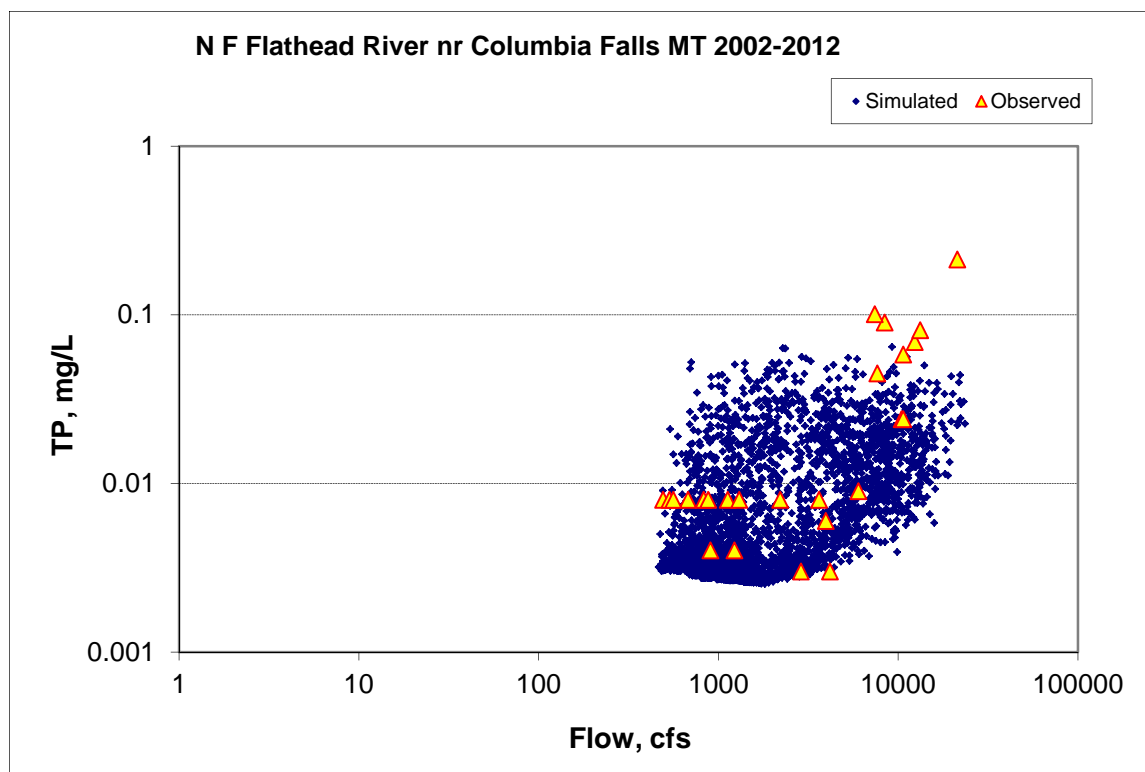


Figure H-41. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12355500 N F Flathead River nr Columbia Falls MT

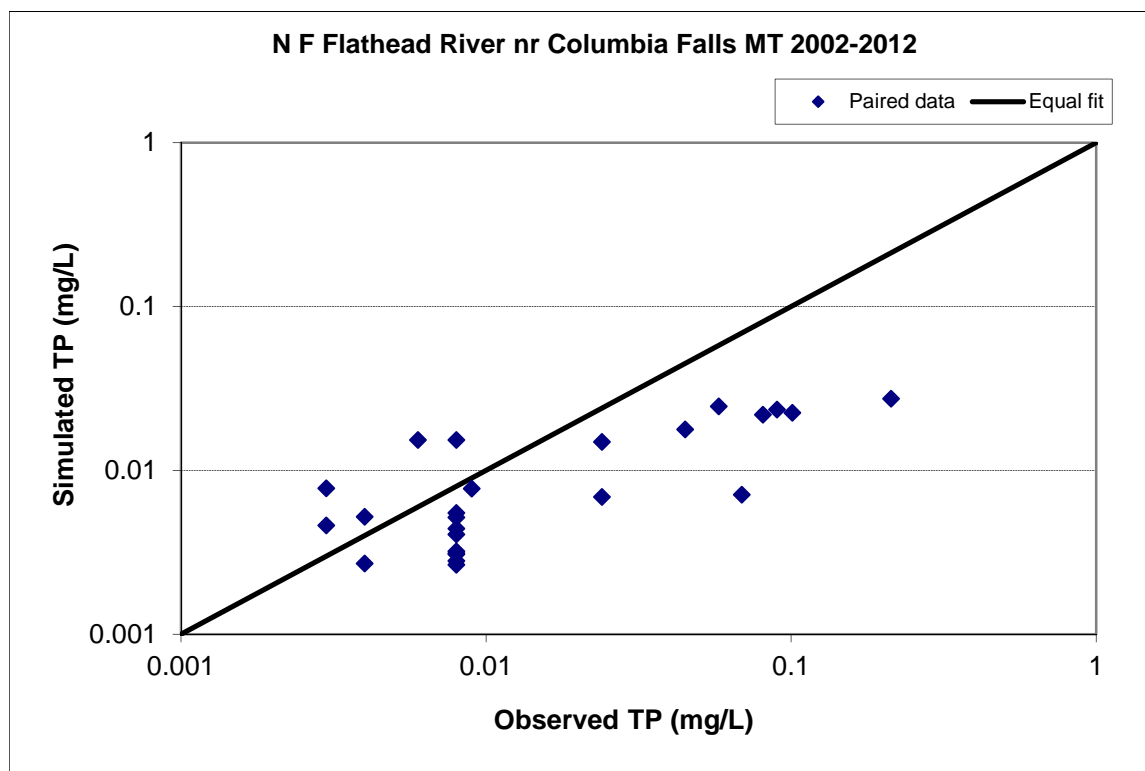


Figure H-42. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12355500 N F Flathead River nr Columbia Falls MT

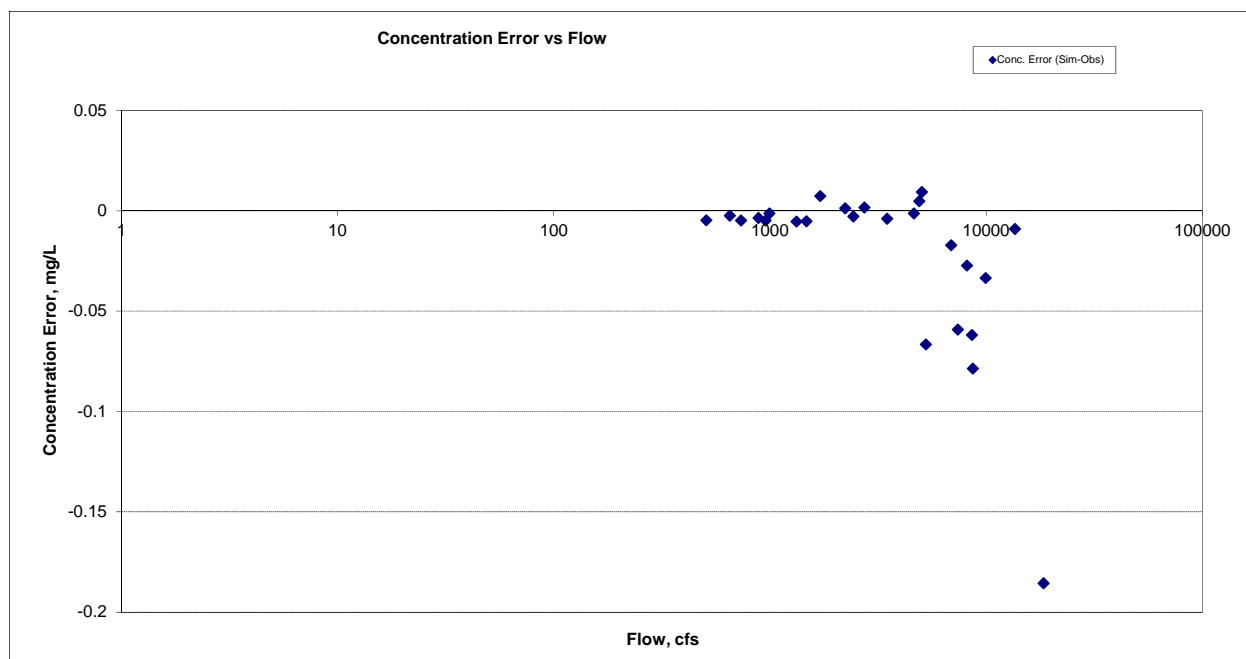


Figure H-43. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12355500 N F Flathead River nr Columbia Falls MT

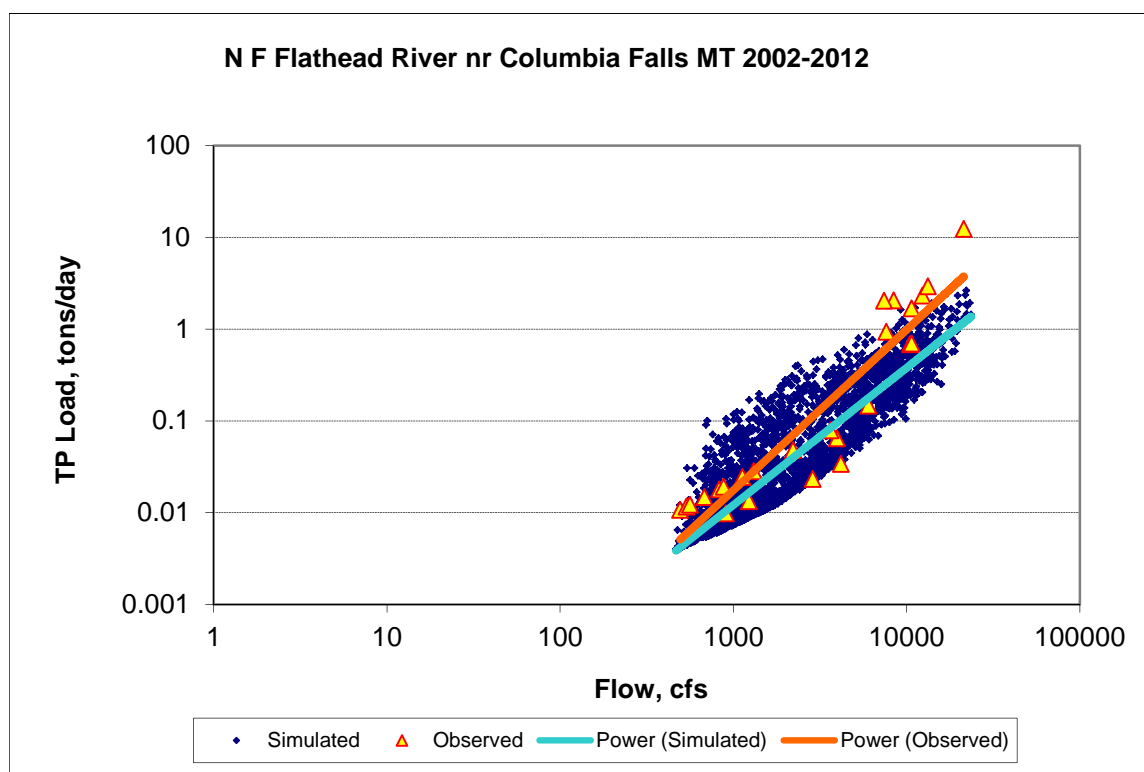


Figure H-44. Calibration Observed and Modeled TP Load vs. Flow Regression, 12355500 N F Flathead River nr Columbia Falls MT

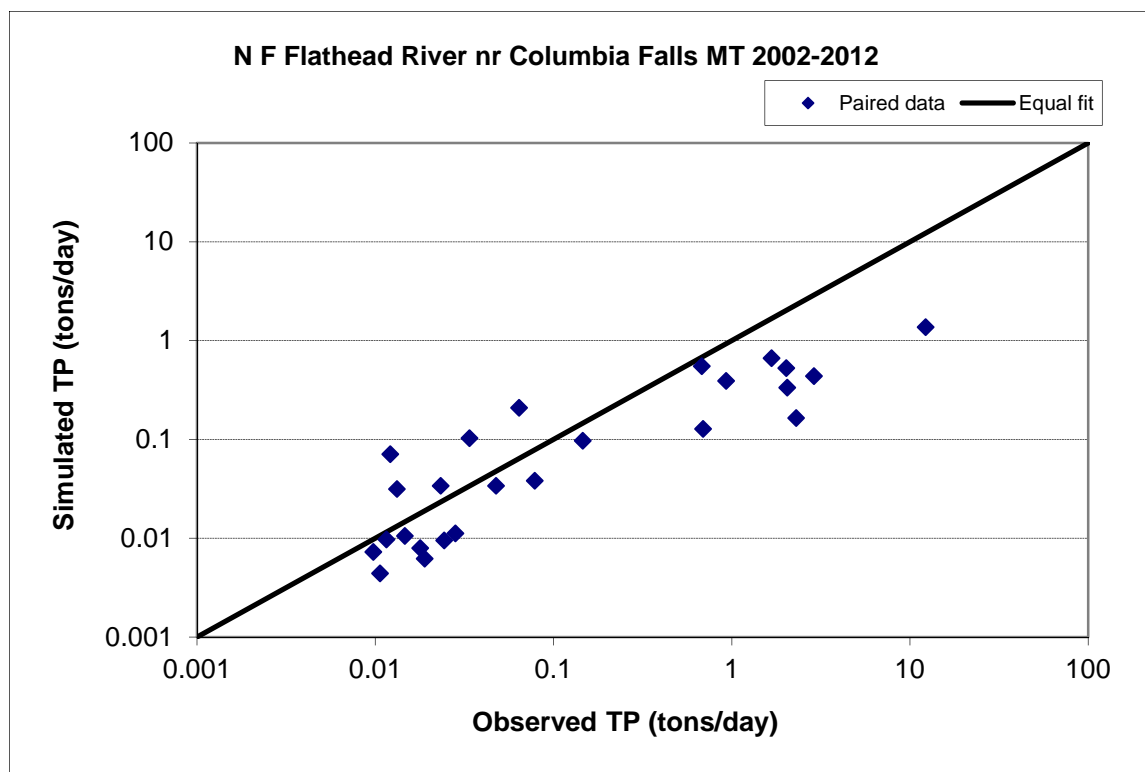
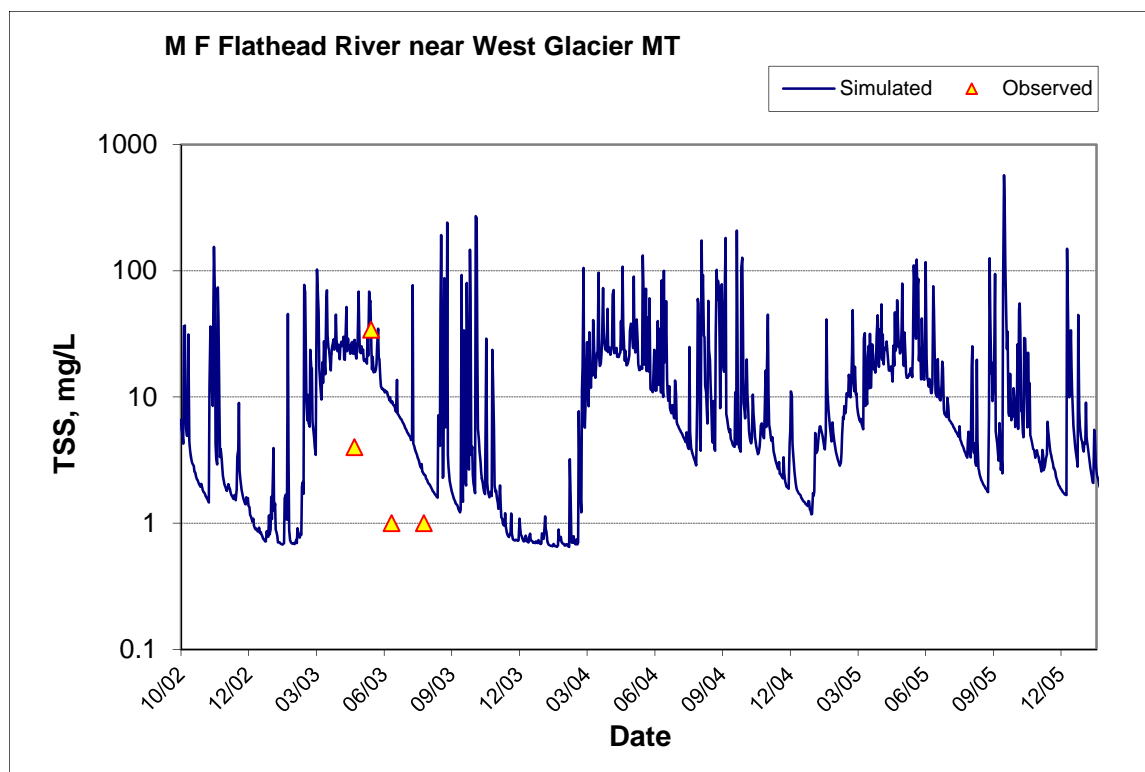


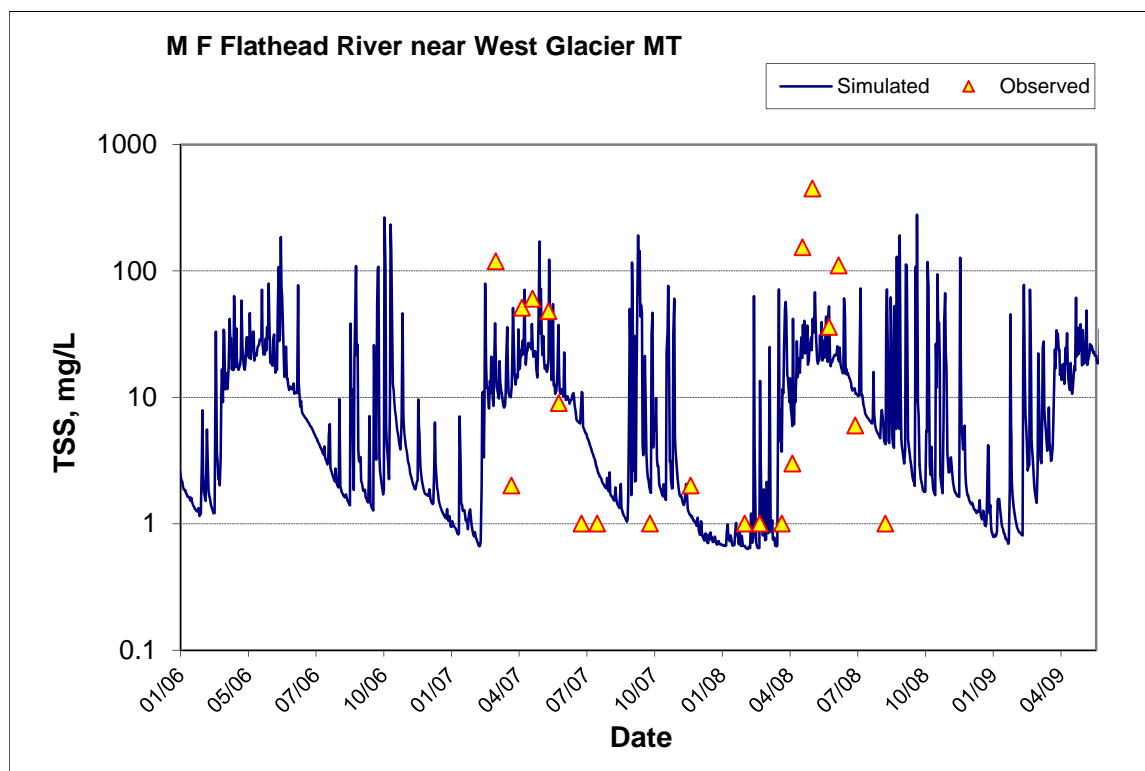
Figure H-45. Calibration Observed and Modeled TP Daily Paired Load Regression, 12355500 N F Flathead River nr Columbia Falls MT

### **H-3. M F FLATHEAD RIVER NEAR WEST GLACIER MT (12358500)**

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**Figure H-46. Calibration Observed and Modeled TSS Time series Oct. 2002 through Jan. 2006, 12358500 M F Flathead River near West Glacier MT**



**Figure H-47. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, 12358500 M F Flathead River near West Glacier MT**



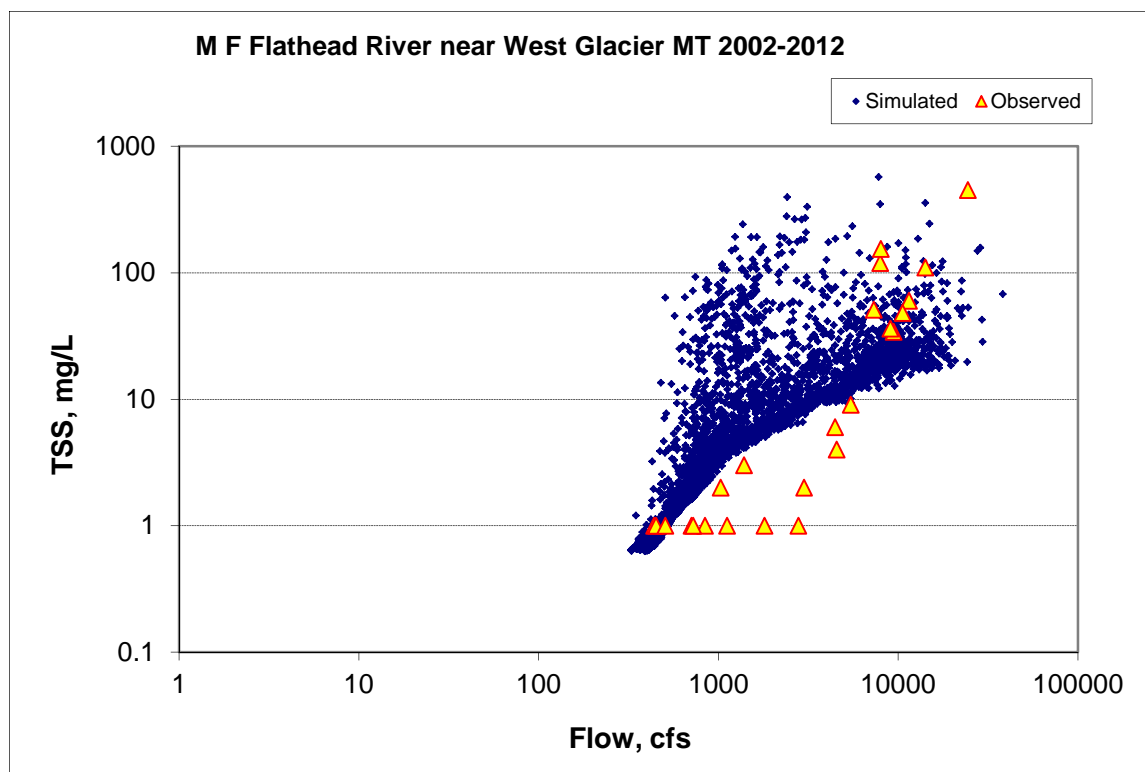


Figure H-48. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12358500 M F Flathead River near West Glacier MT

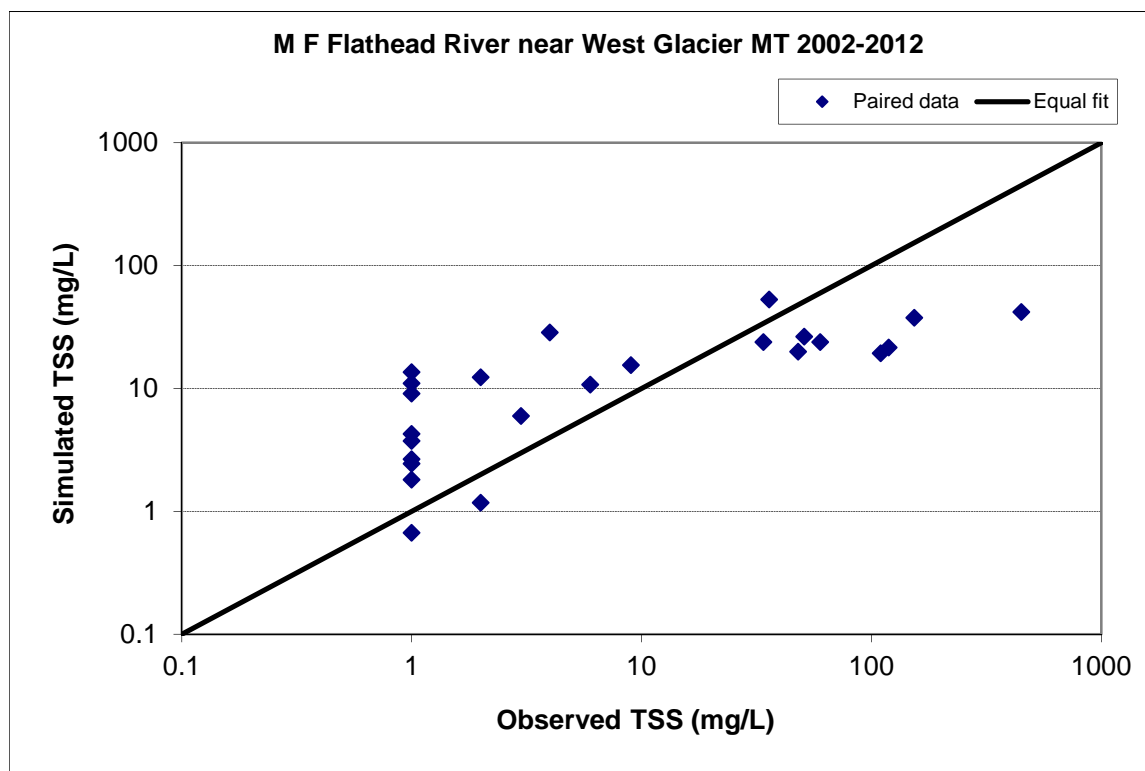
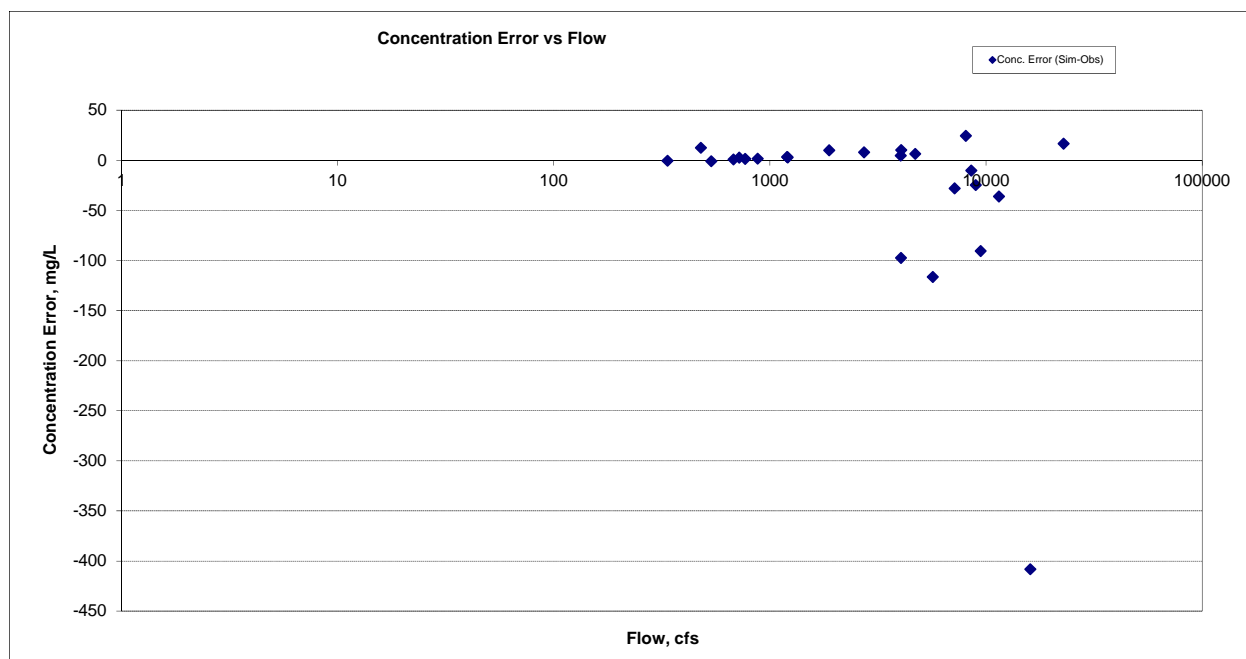
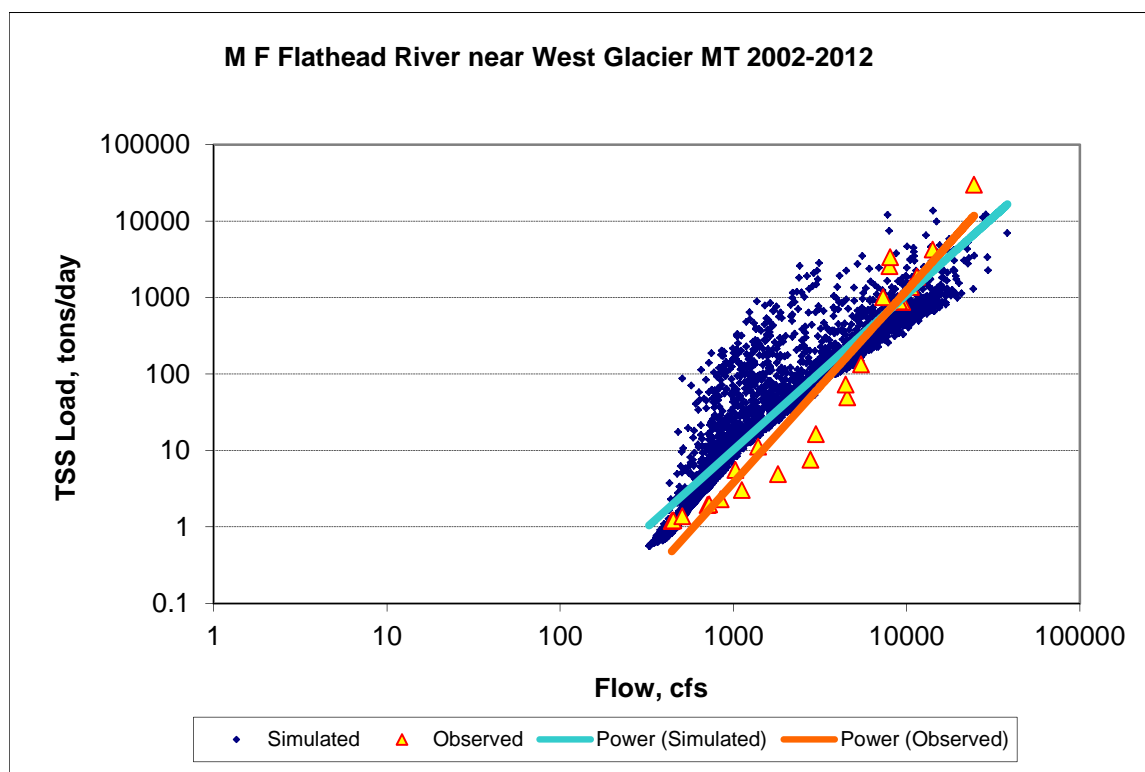


Figure H-49. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12358500 M F Flathead River near West Glacier MT



**Figure H-50. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12358500 M F Flathead River near West Glacier MT**



**Figure H-51. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12358500 M F Flathead River near West Glacier MT**

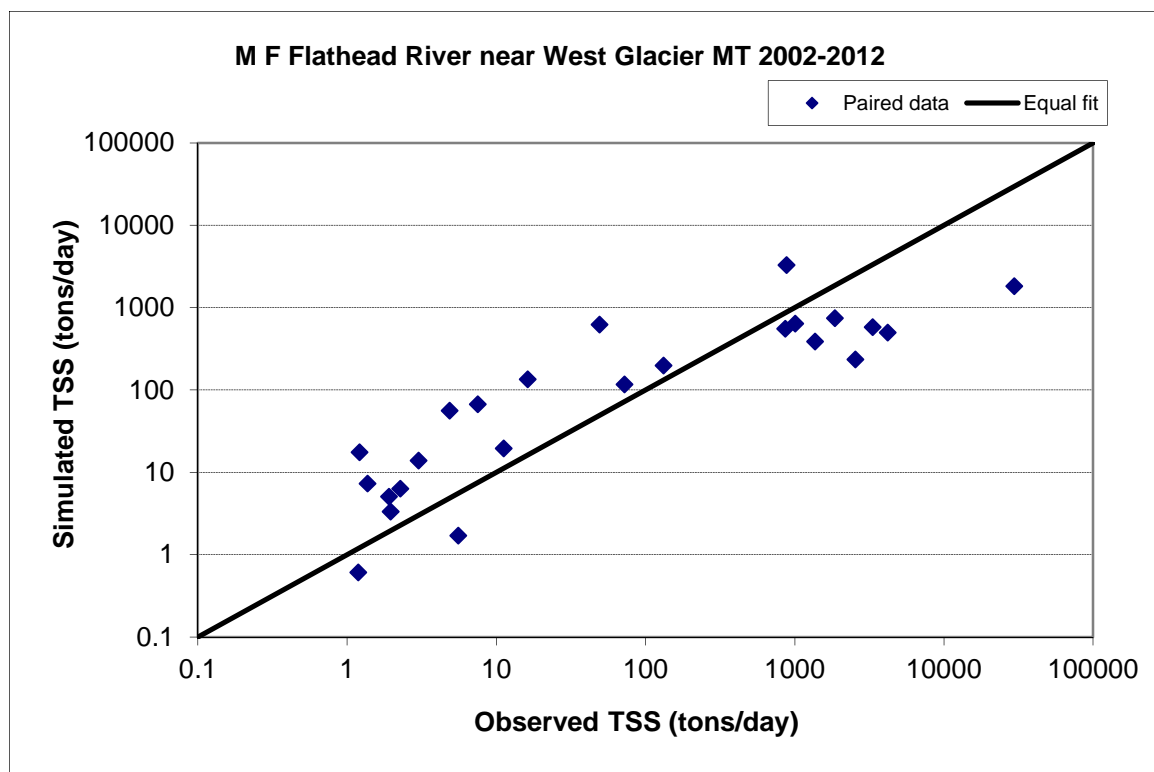


Figure H-52. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12358500 M F Flathead River near West Glacier MT

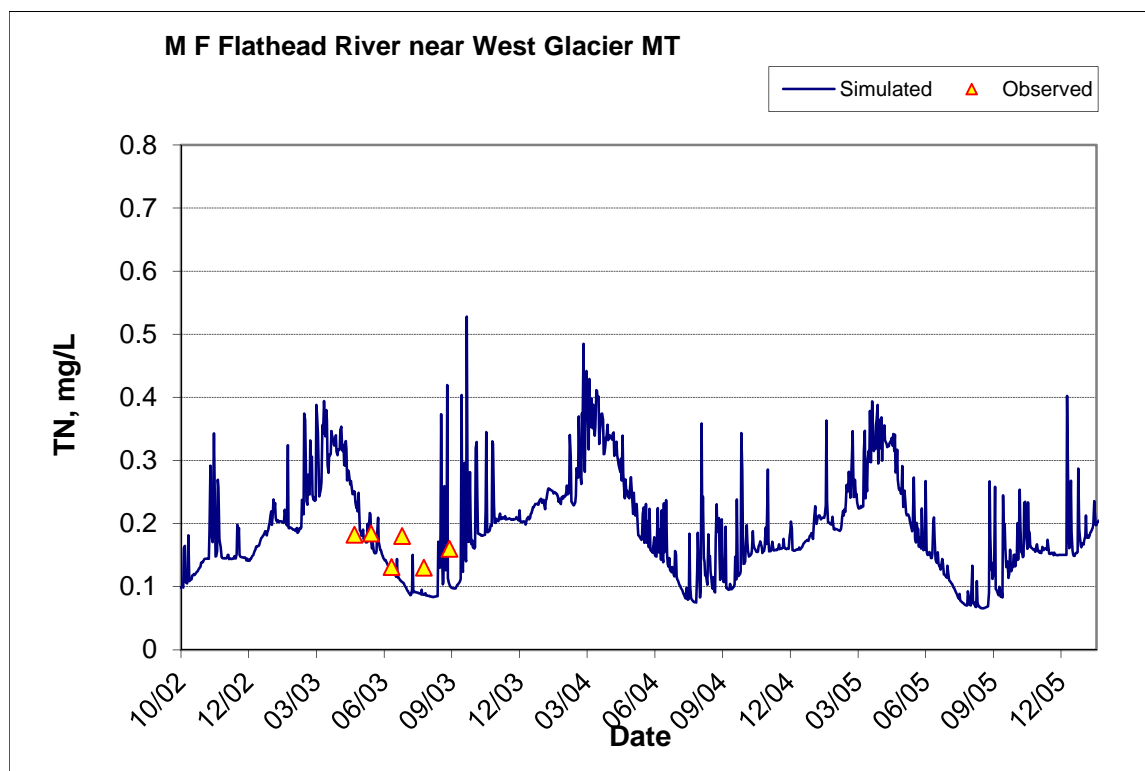


Figure H-53. Calibration Observed and Modeled TN Time series Oct.2002 through Jan.2006, 12358500 M F Flathead River near West Glacier MT

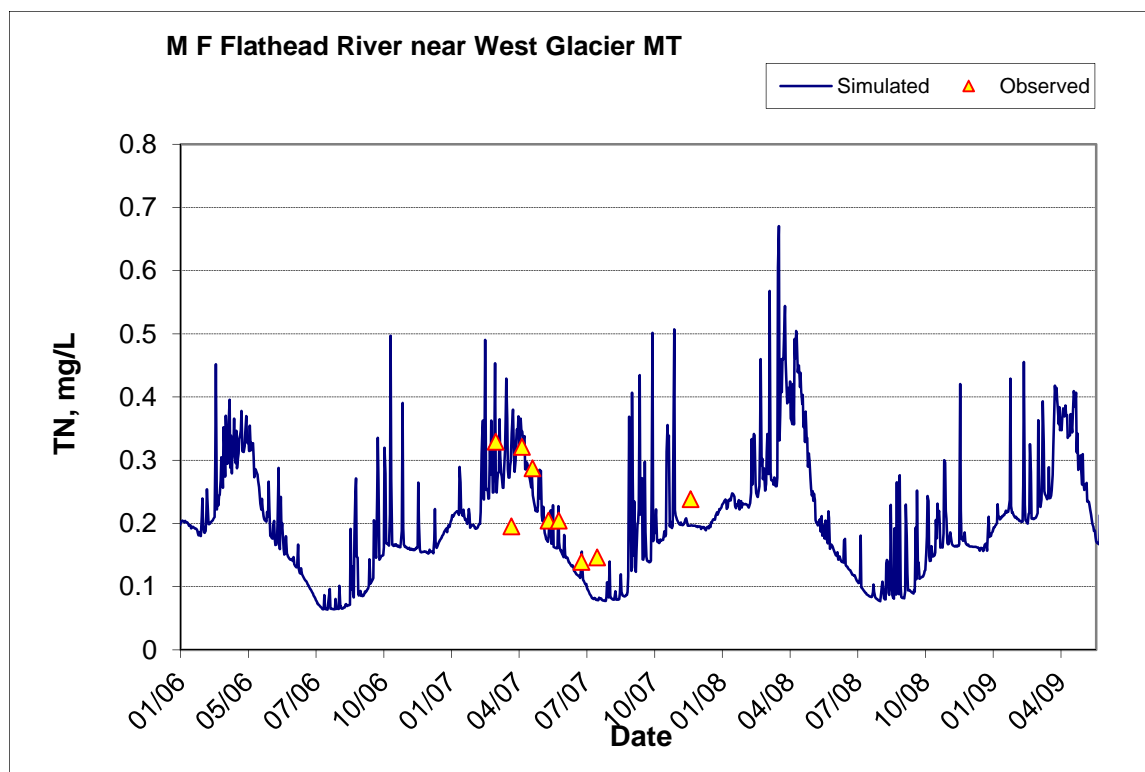


Figure H-54. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12358500 M F Flathead River near West Glacier MT

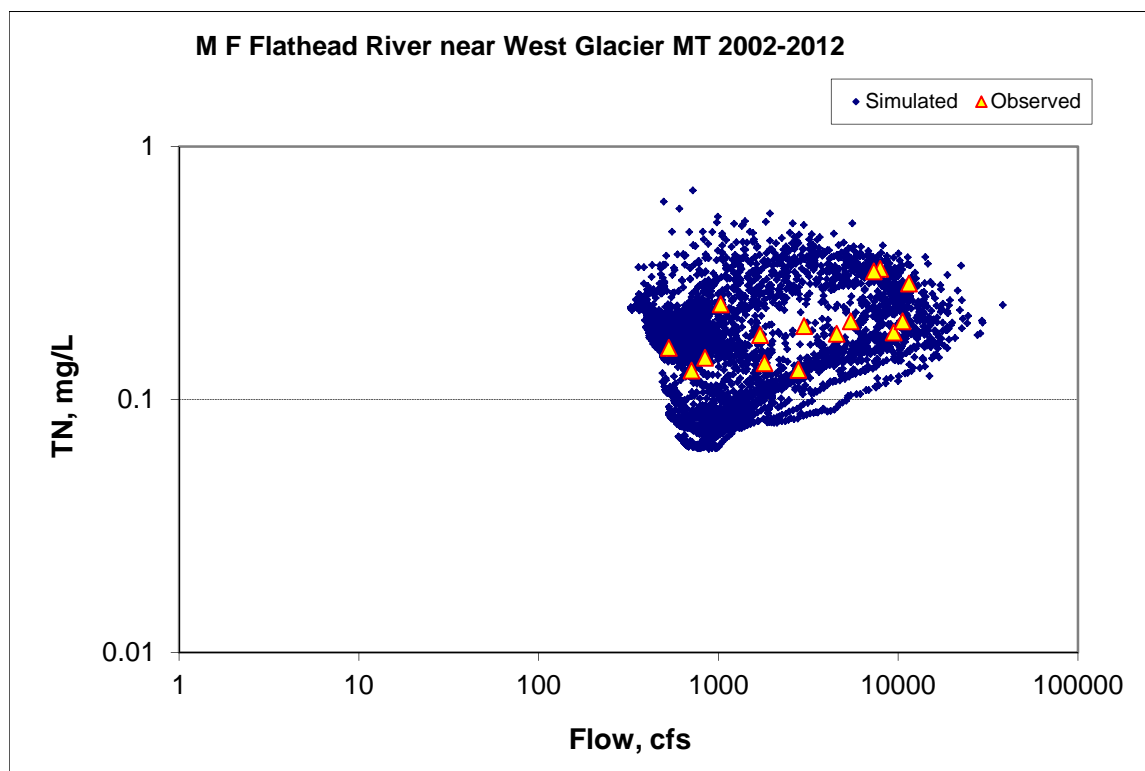
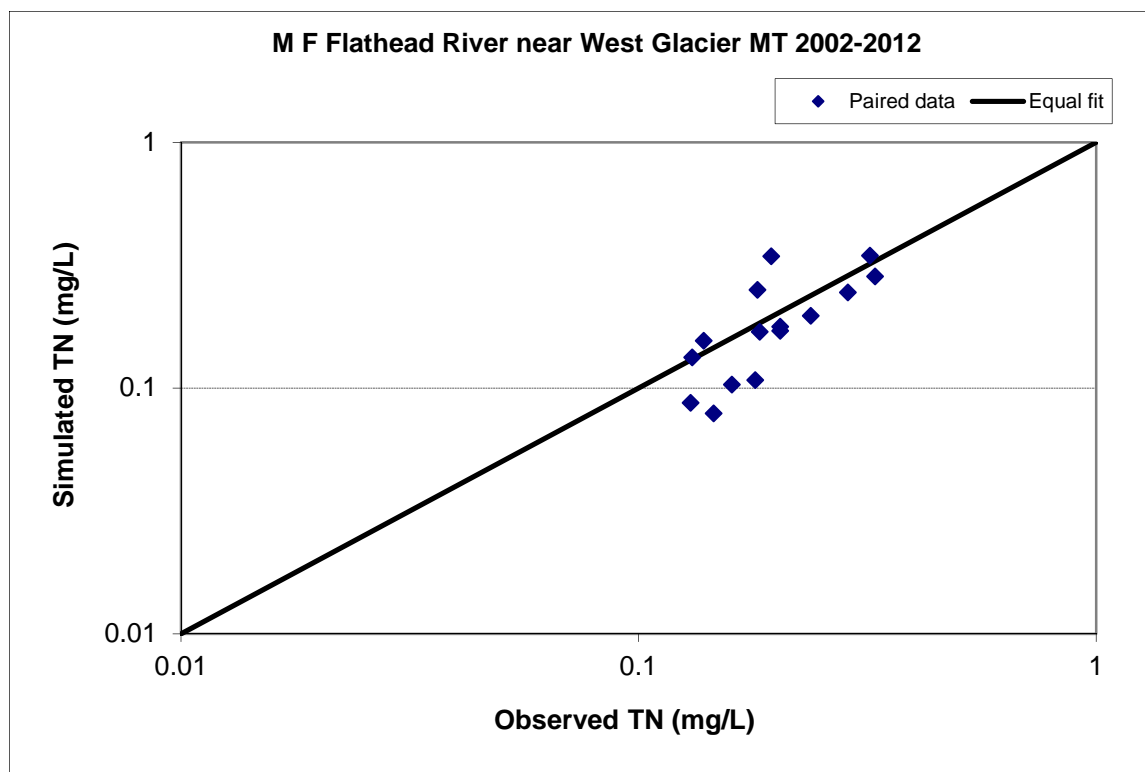
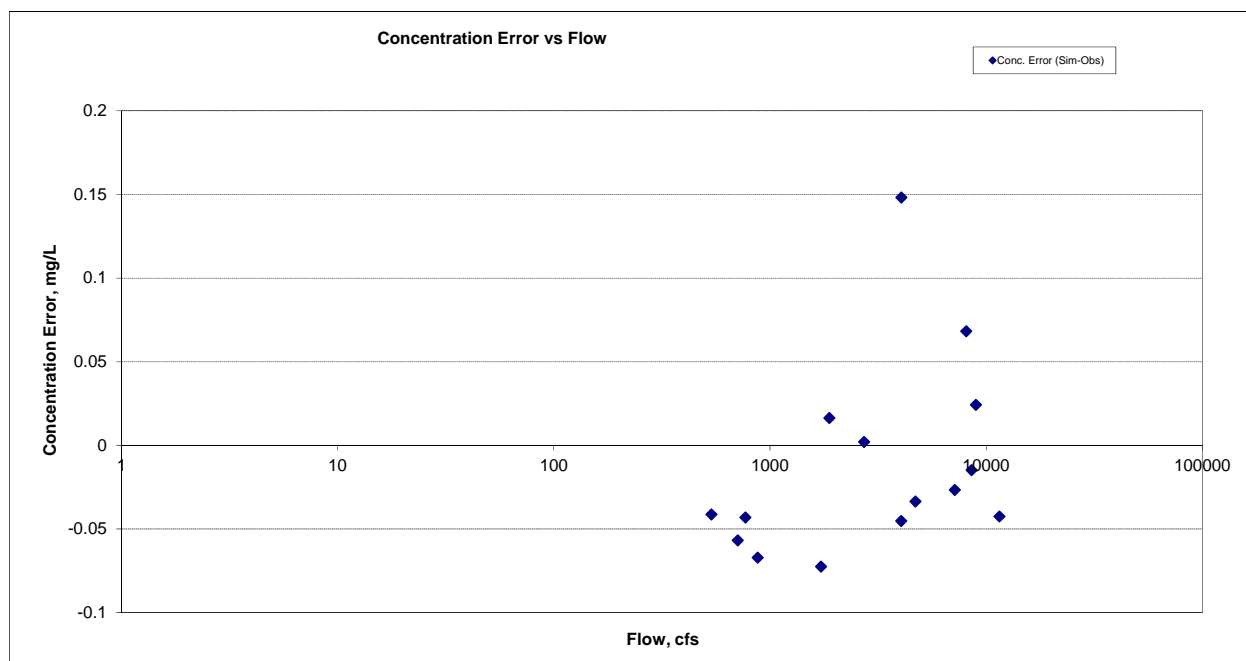


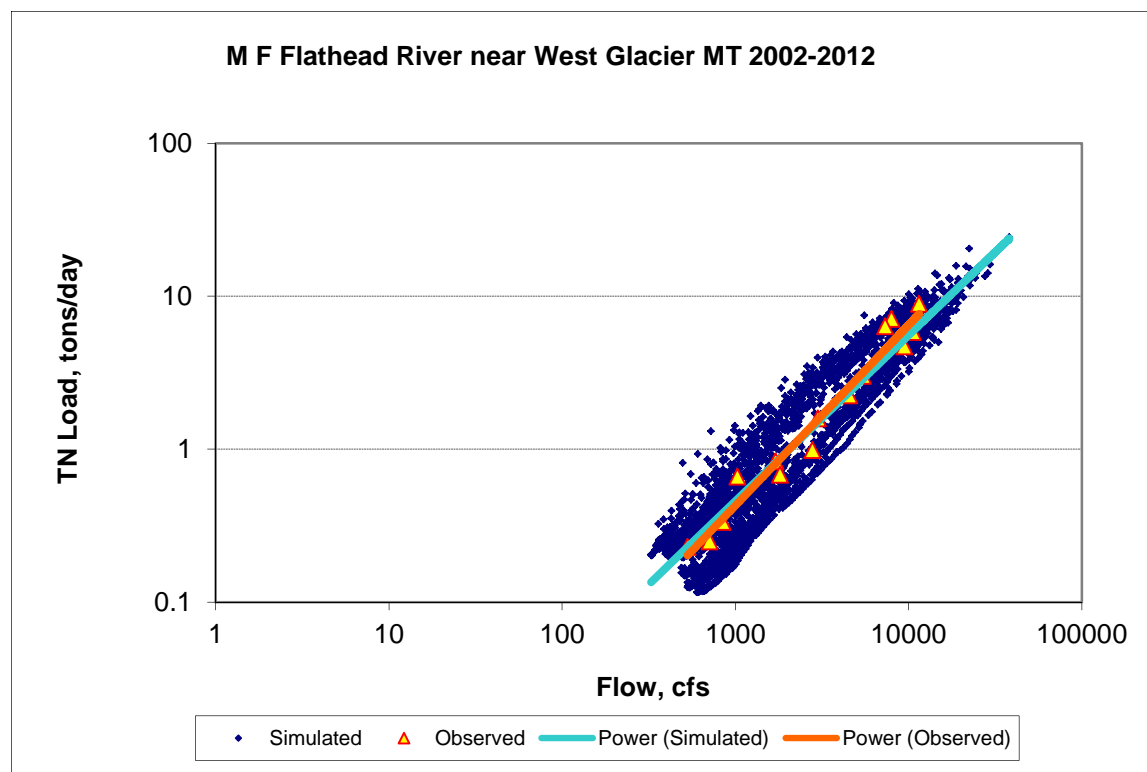
Figure H-55. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12358500 M F Flathead River near West Glacier MT



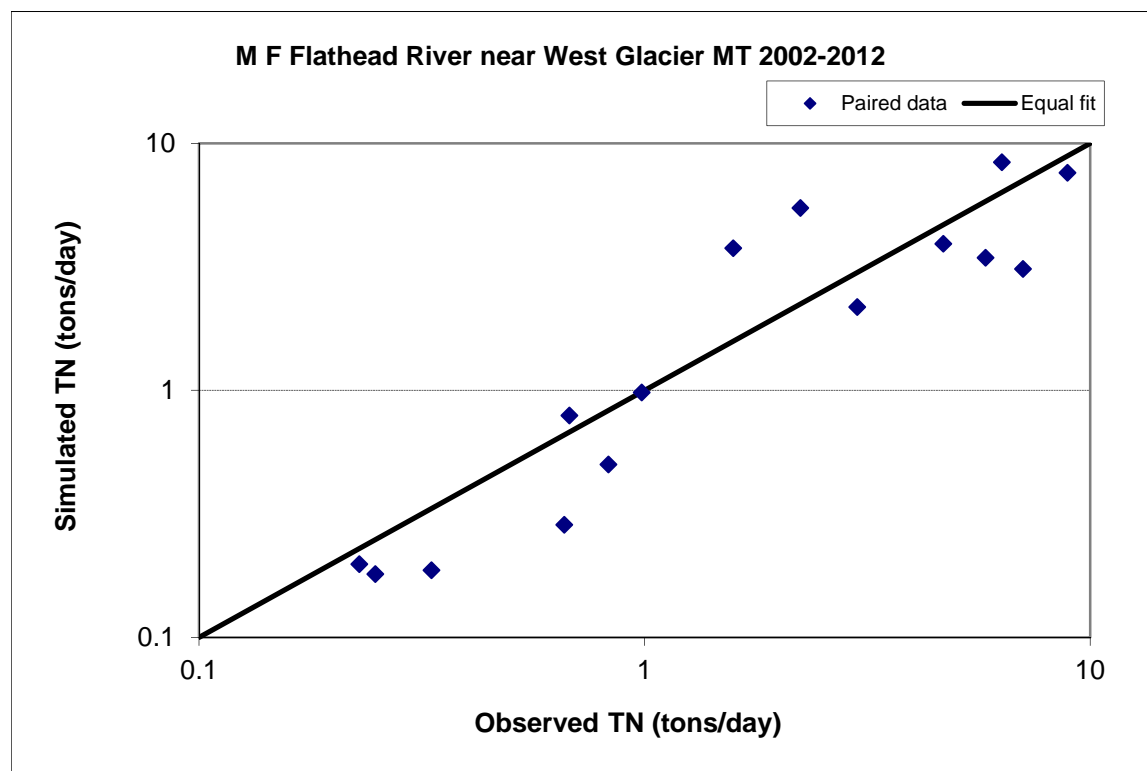
**Figure H-56. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12358500 M F Flathead River near West Glacier MT**



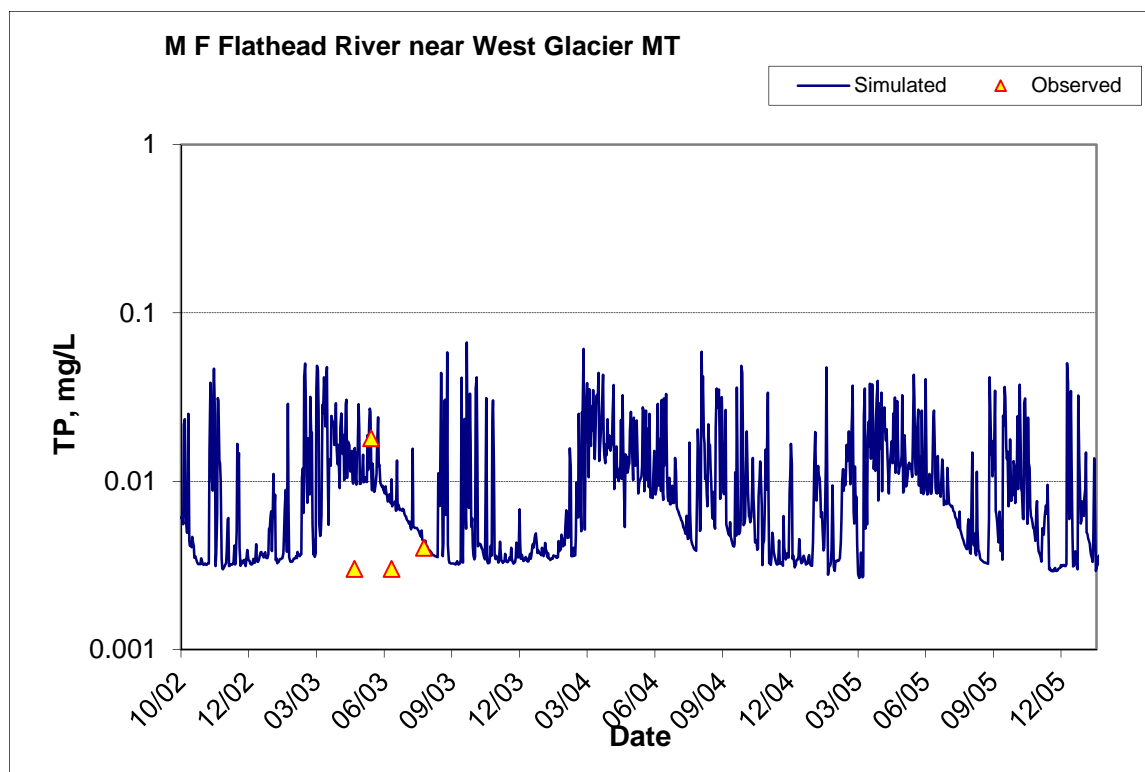
**Figure H-57. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12358500 M F Flathead River near West Glacier MT**



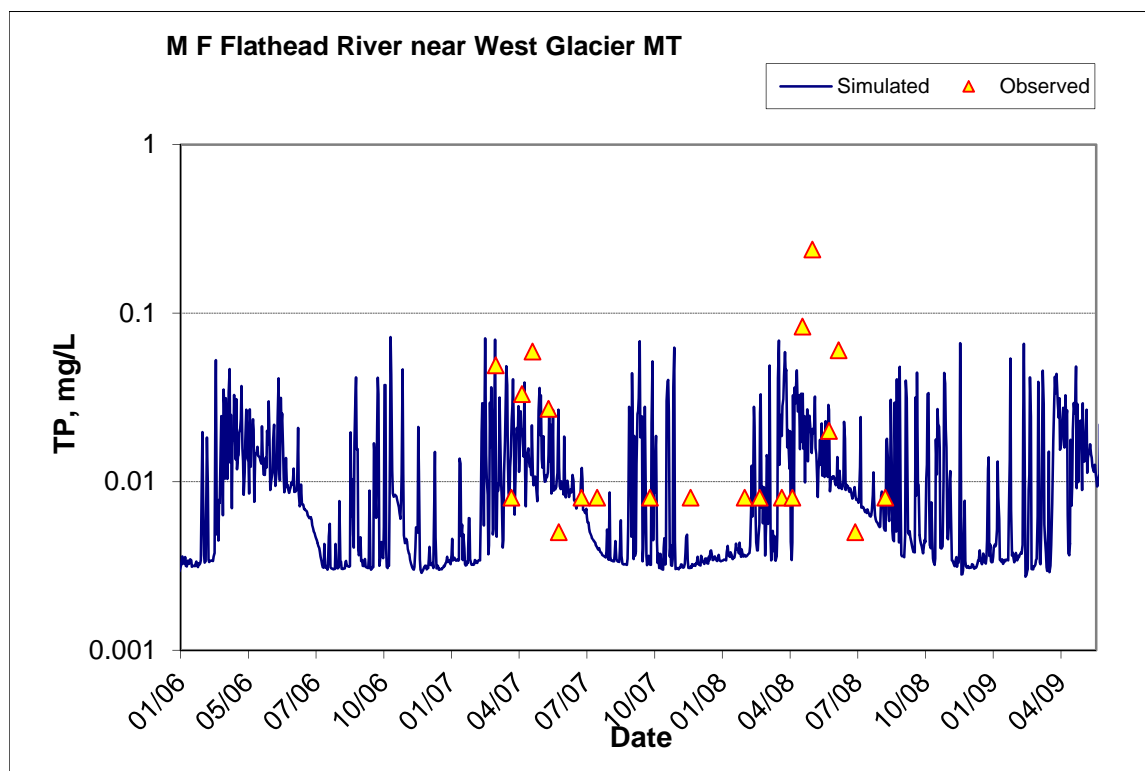
**Figure H-58. Calibration Observed and Modeled TN Load vs. Flow Regression, 12358500 M F Flathead River near West Glacier MT**



**Figure H-59. Calibration Observed and Modeled TN Daily Paired Load Regression, 12358500 M F Flathead River near West Glacier MT**



**Figure H-60. Calibration Observed and Modeled TP Time series Oct.2002 through Jan.2006, 12358500 M F Flathead River near West Glacier MT**



**Figure H-61. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12358500 M F Flathead River near West Glacier MT**

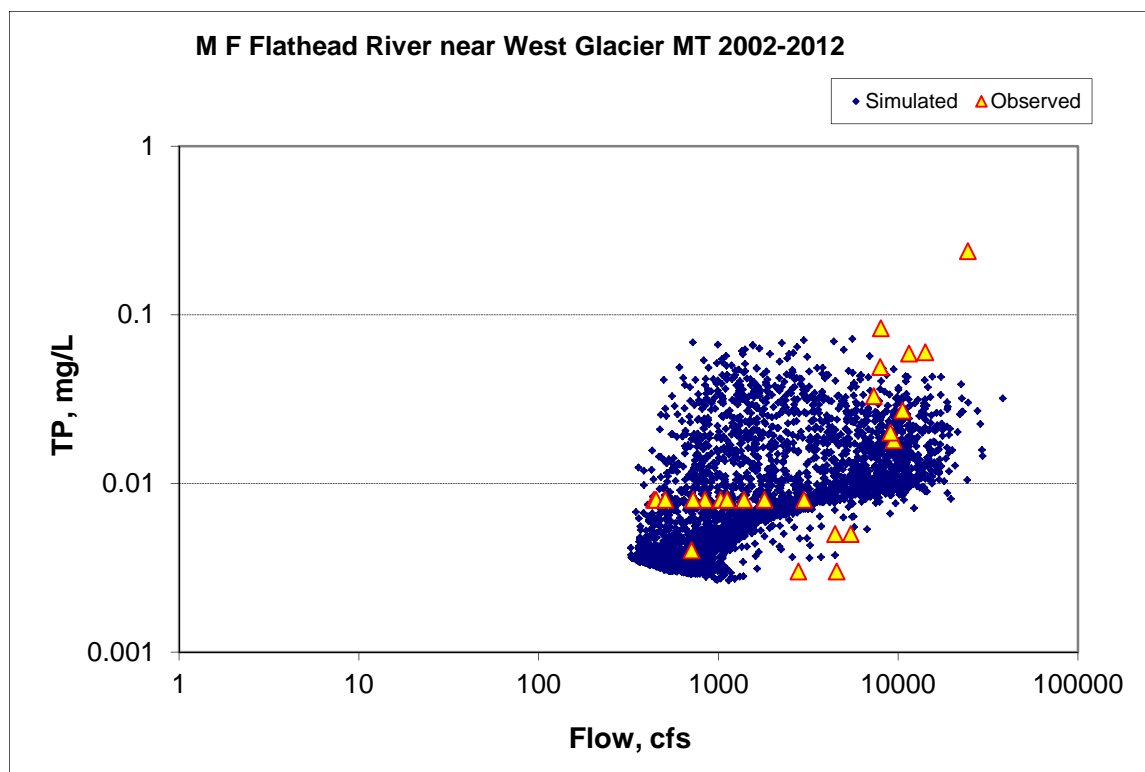


Figure H-62. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12358500 M F Flathead River near West Glacier MT

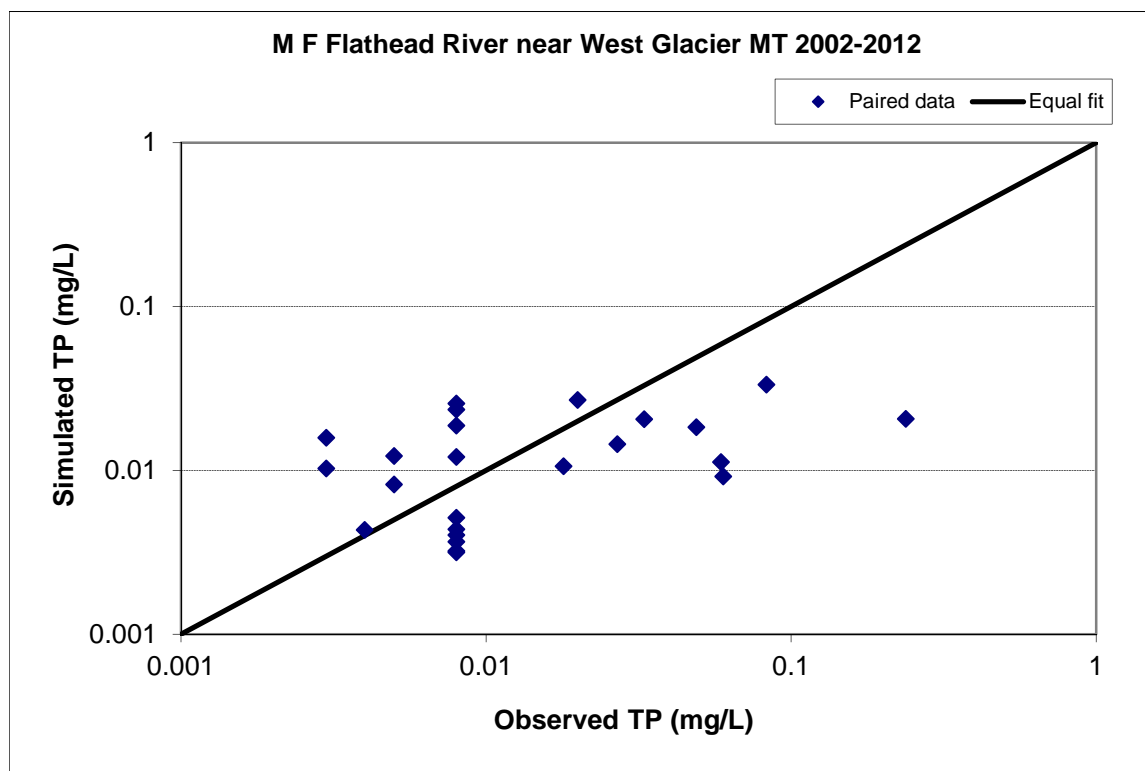
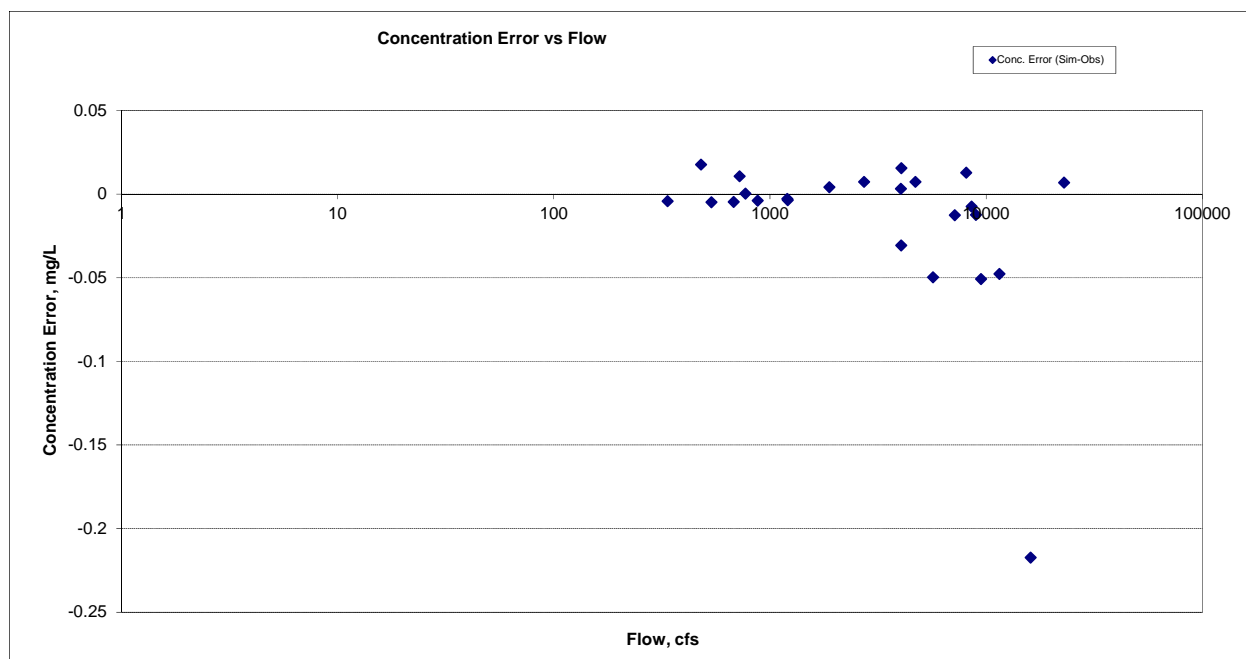
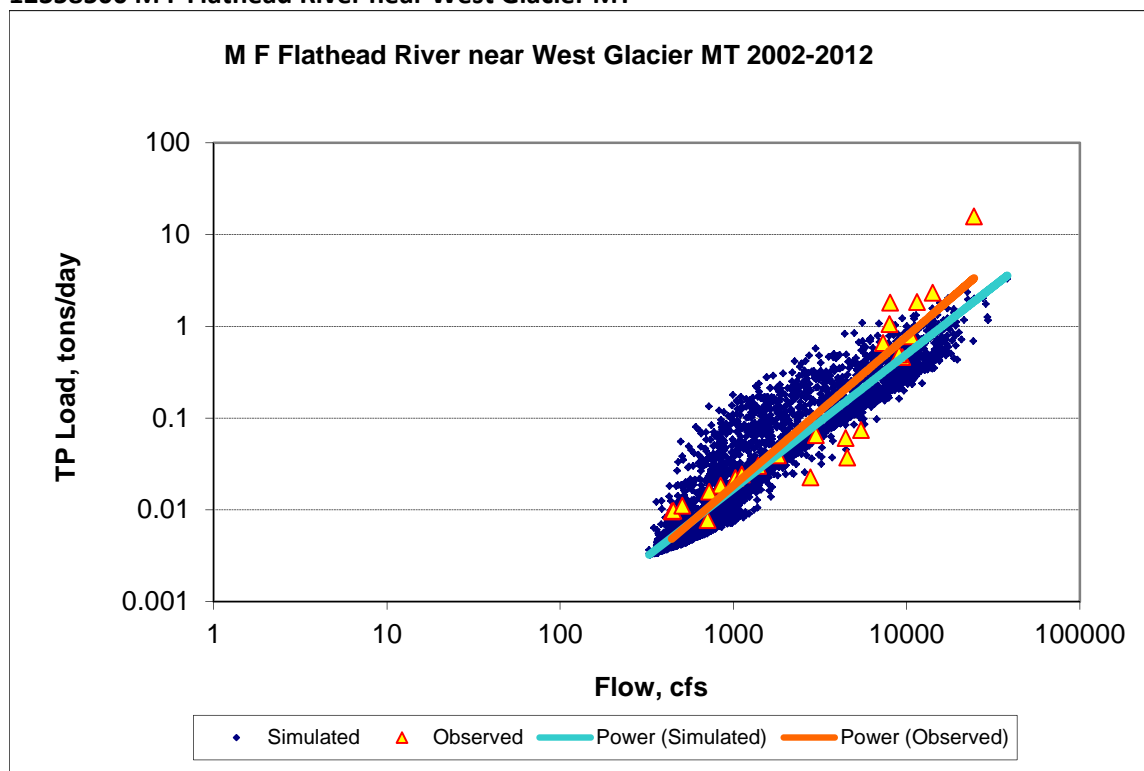


Figure H-63. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12358500 M F Flathead River near West Glacier MT





**Figure H-64. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12358500 M F Flathead River near West Glacier MT**



**Figure H-65. Calibration Observed and Modeled TP Load vs. Flow Regression, 12358500 M F Flathead River near West Glacier MT**

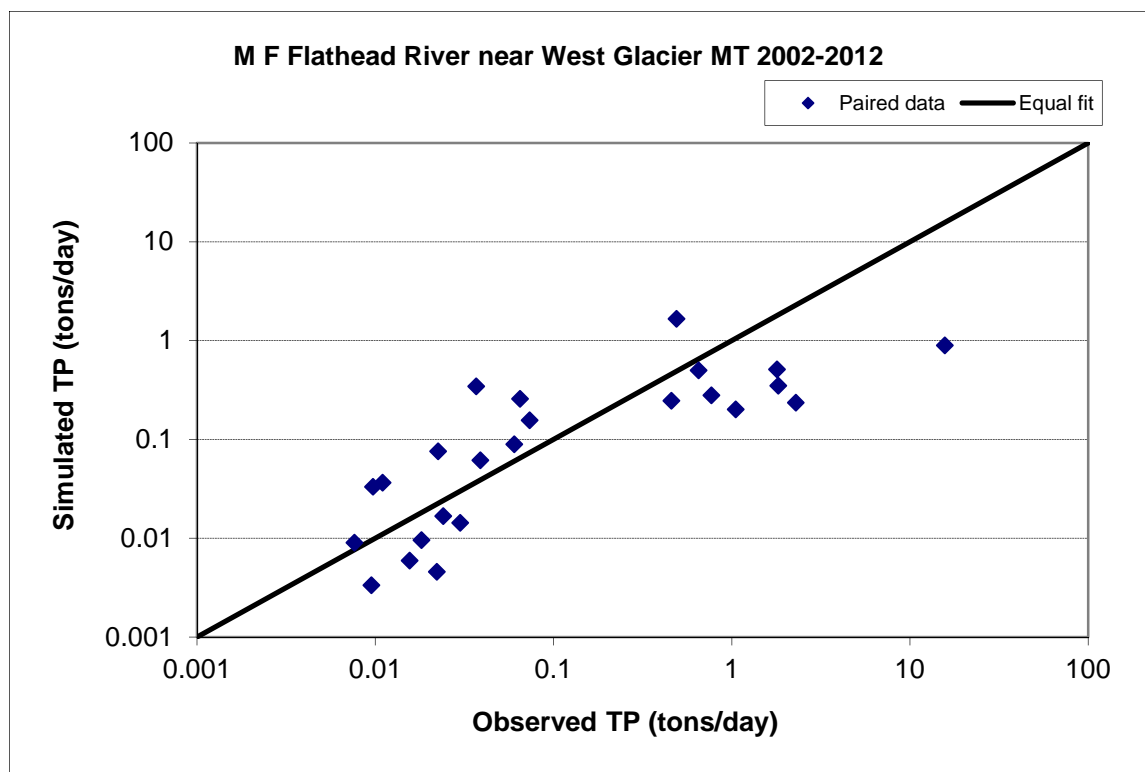


Figure H-66. Calibration Observed and Modeled TP Daily Paired Load Regression, 12358500 M F Flathead River near West Glacier MT

#### **H-4. STILLWATER RIVER AT LAWRENCE PARK, AT KALISPELL (12365700)**

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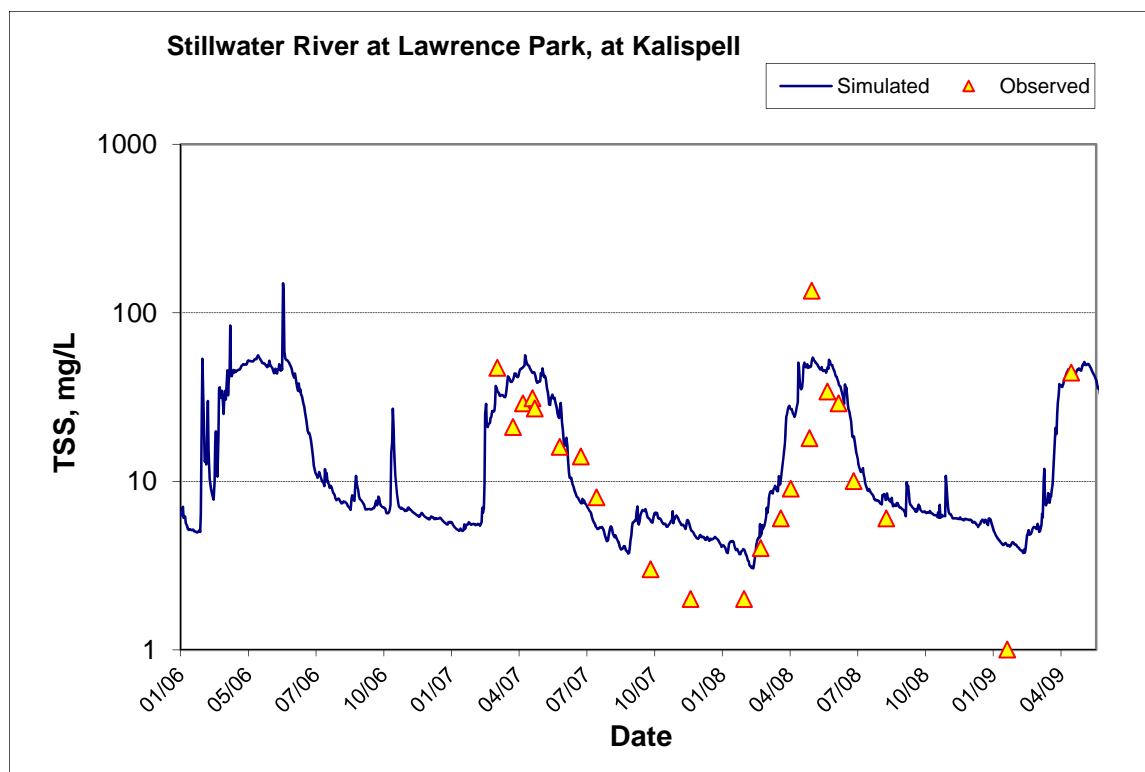


Figure H-67. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, 12365700 Stillwater River at Lawrence Park, at Kalispell

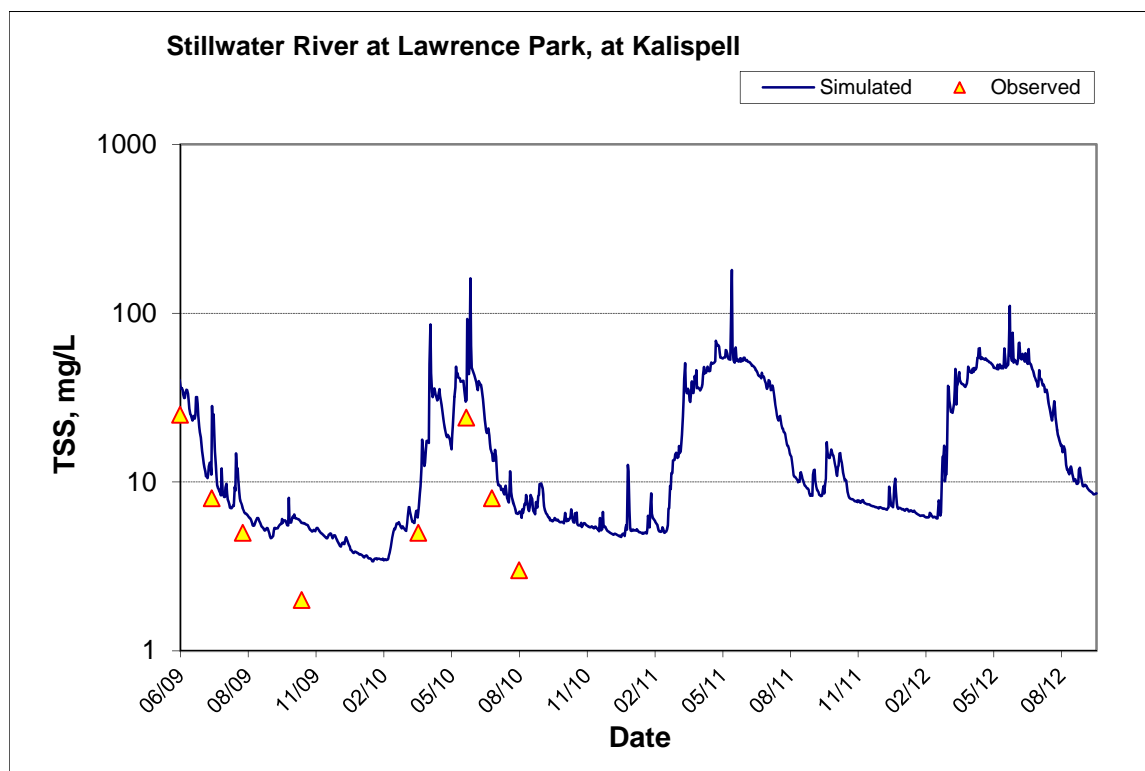


Figure H-68. Calibration Observed and Modeled TSS Time series June 2009 through Sept. 2012, 12365700 Stillwater River at Lawrence Park, at Kalispell

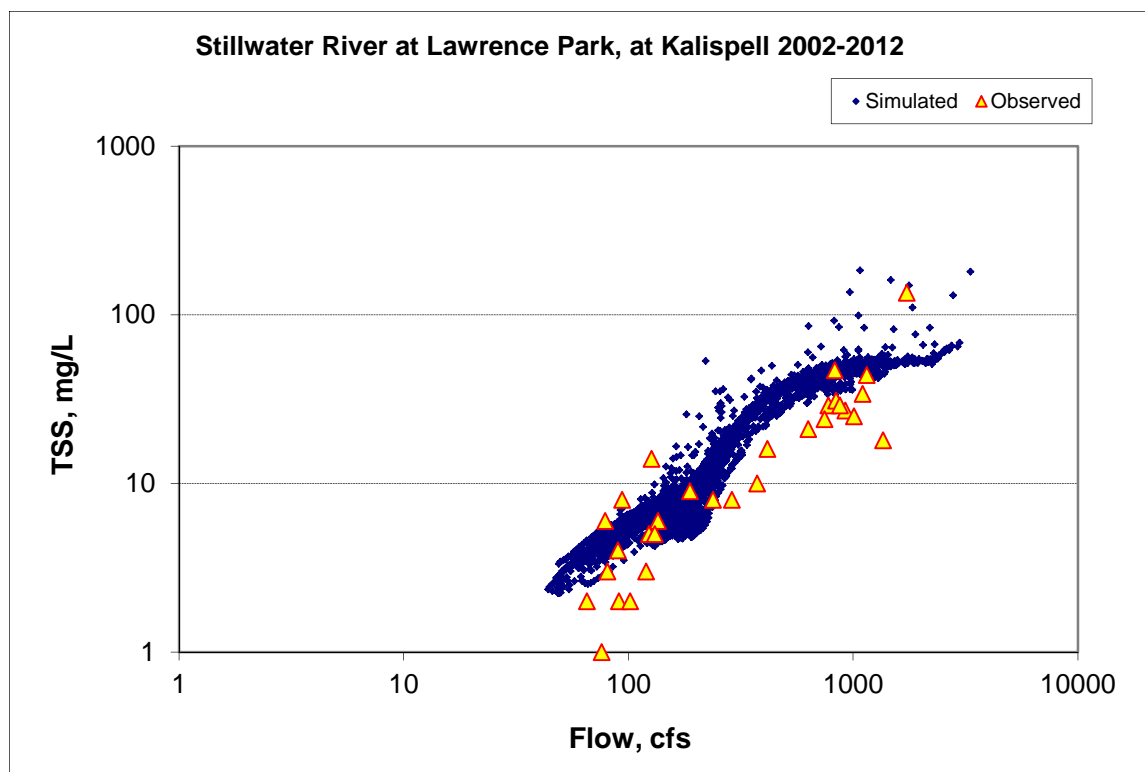


Figure H-69. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell

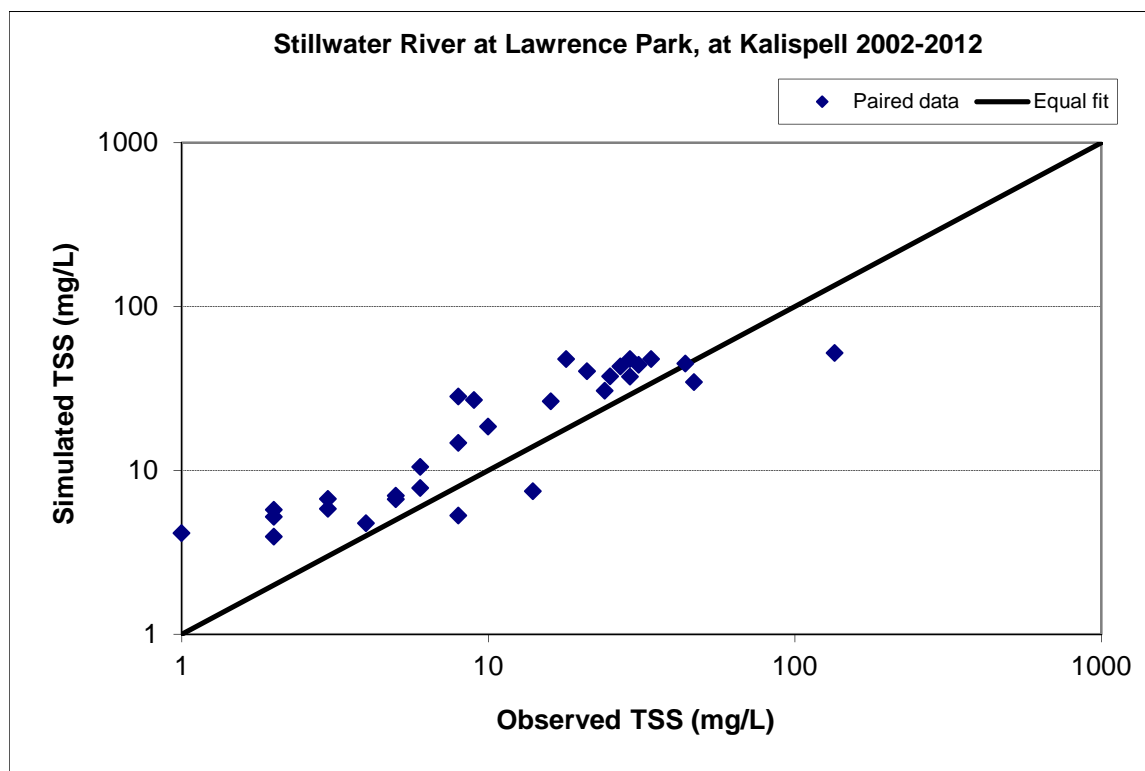
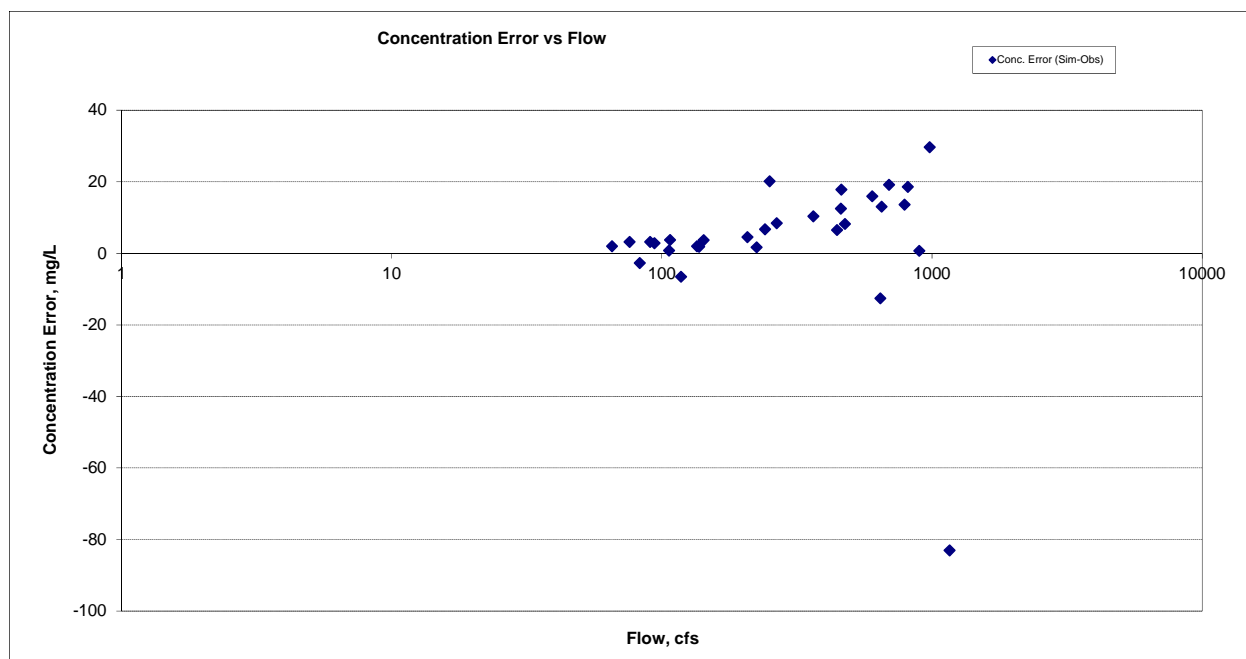
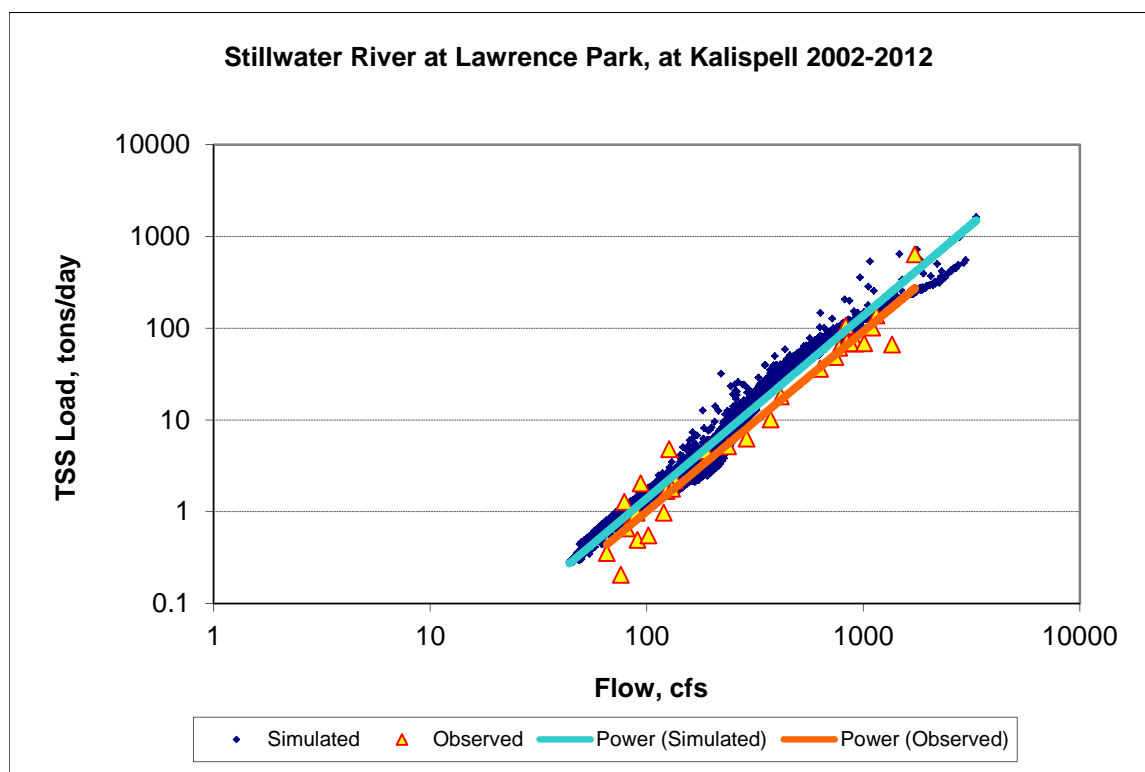


Figure H-70. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell



**Figure H-71. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12365700 Stillwater River at Lawrence Park, at Kalispell**



**Figure H-72. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell**

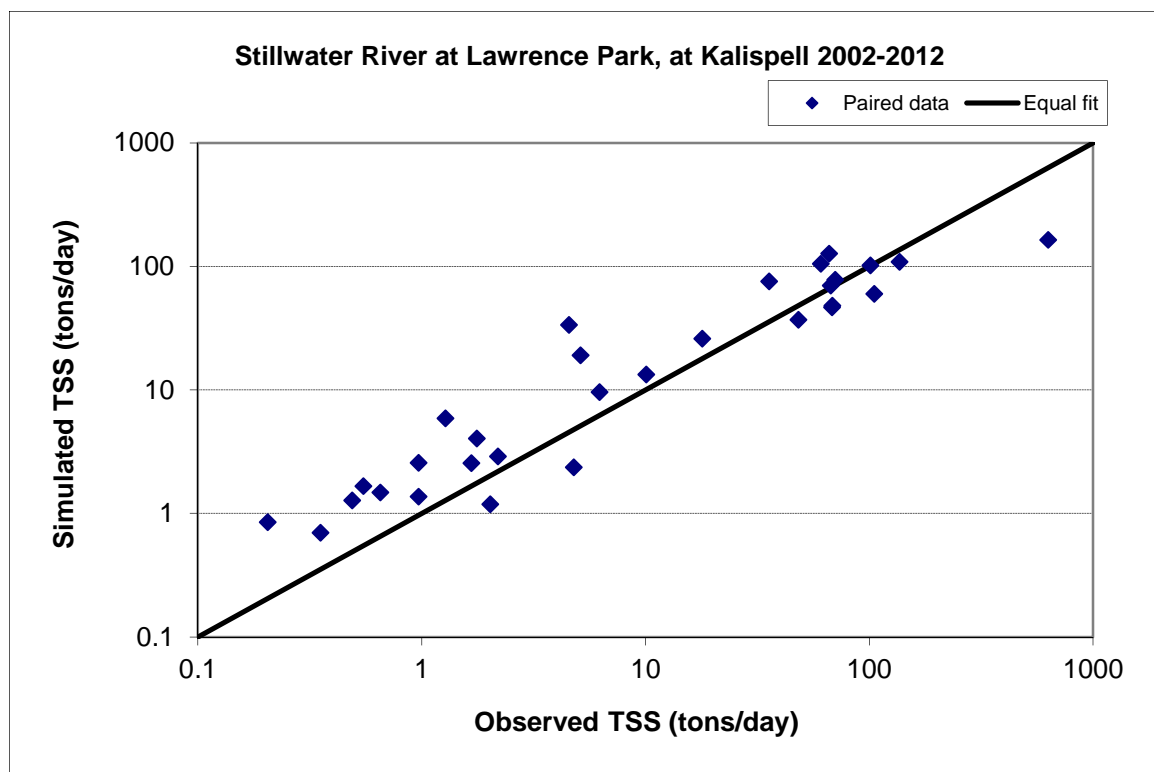


Figure H-73. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell

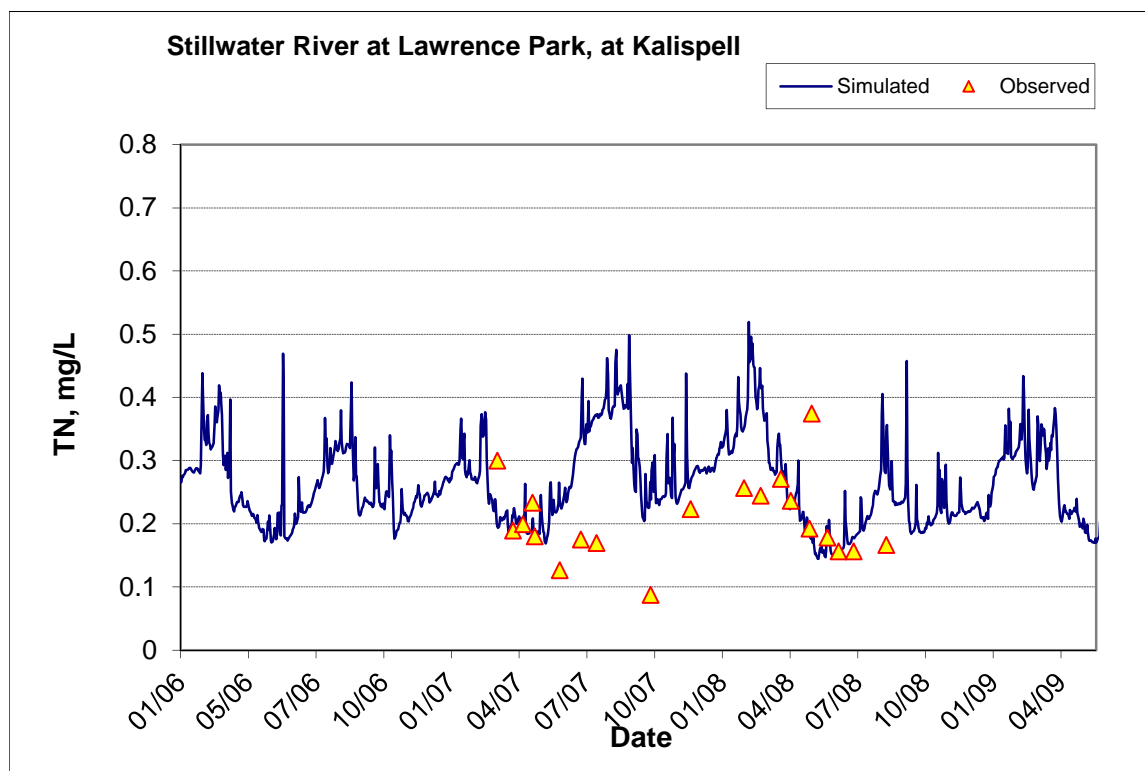


Figure H-74. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12365700 Stillwater River at Lawrence Park, at Kalispell

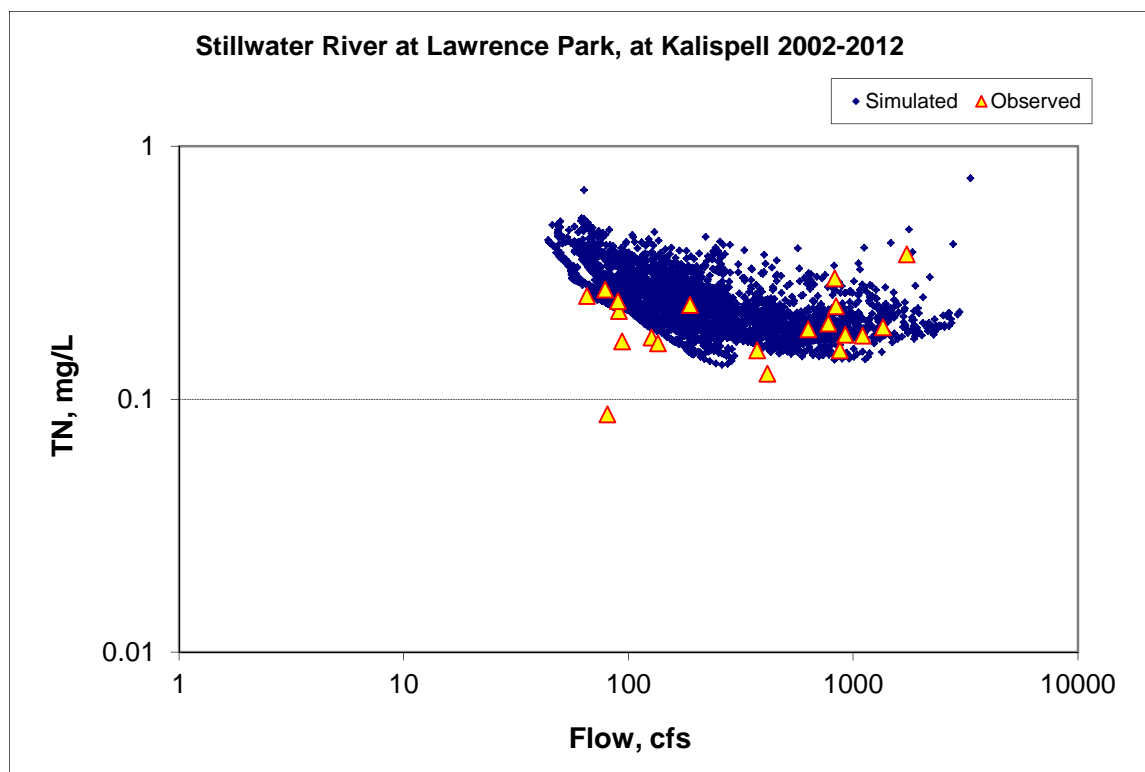


Figure H-75. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell

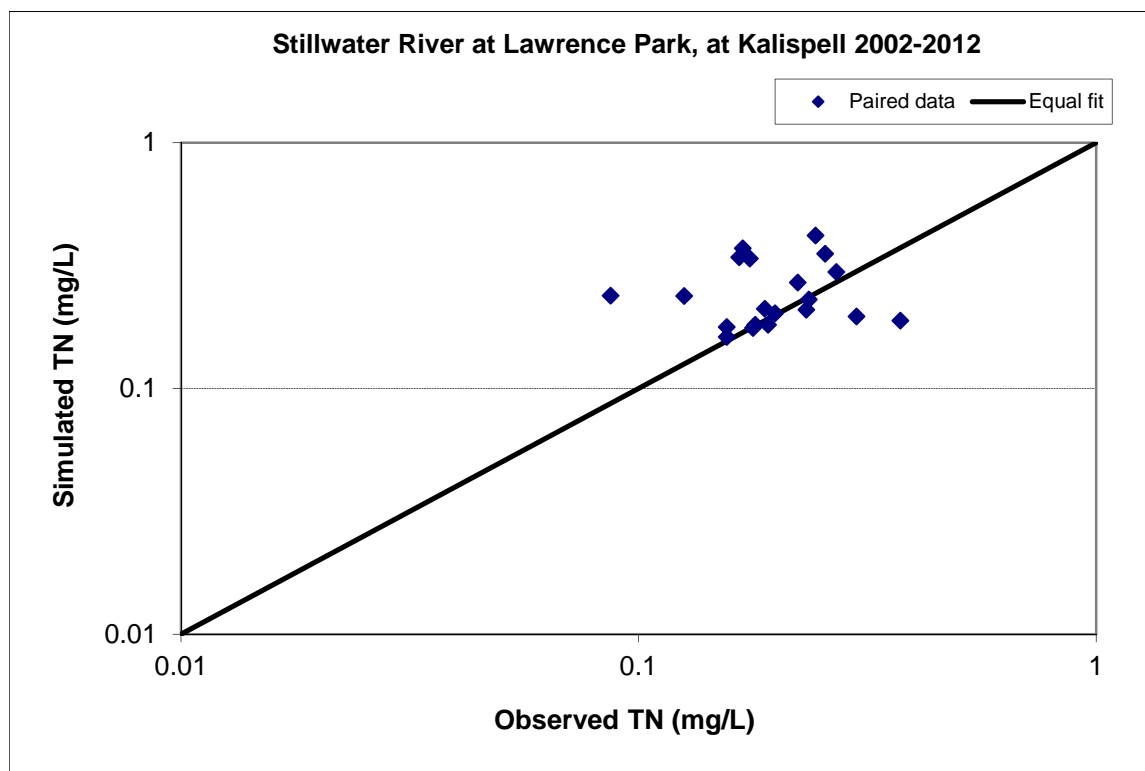


Figure H-76. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell



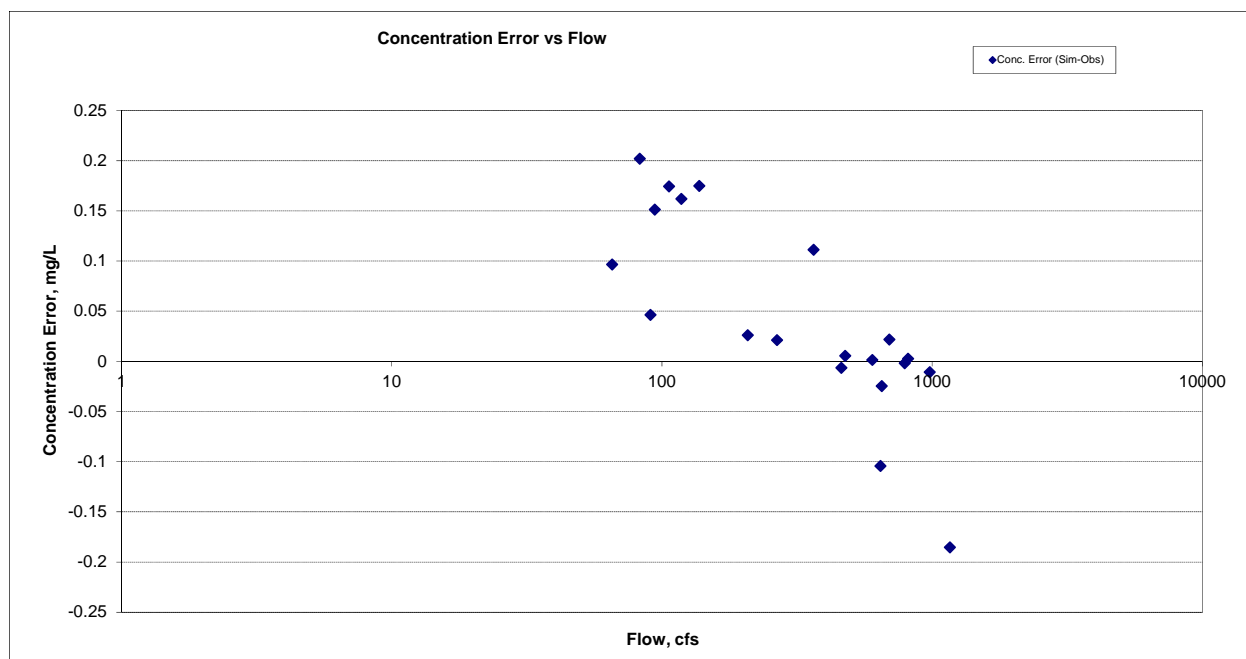


Figure H-77. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12365700 Stillwater River at Lawrence Park, at Kalispell

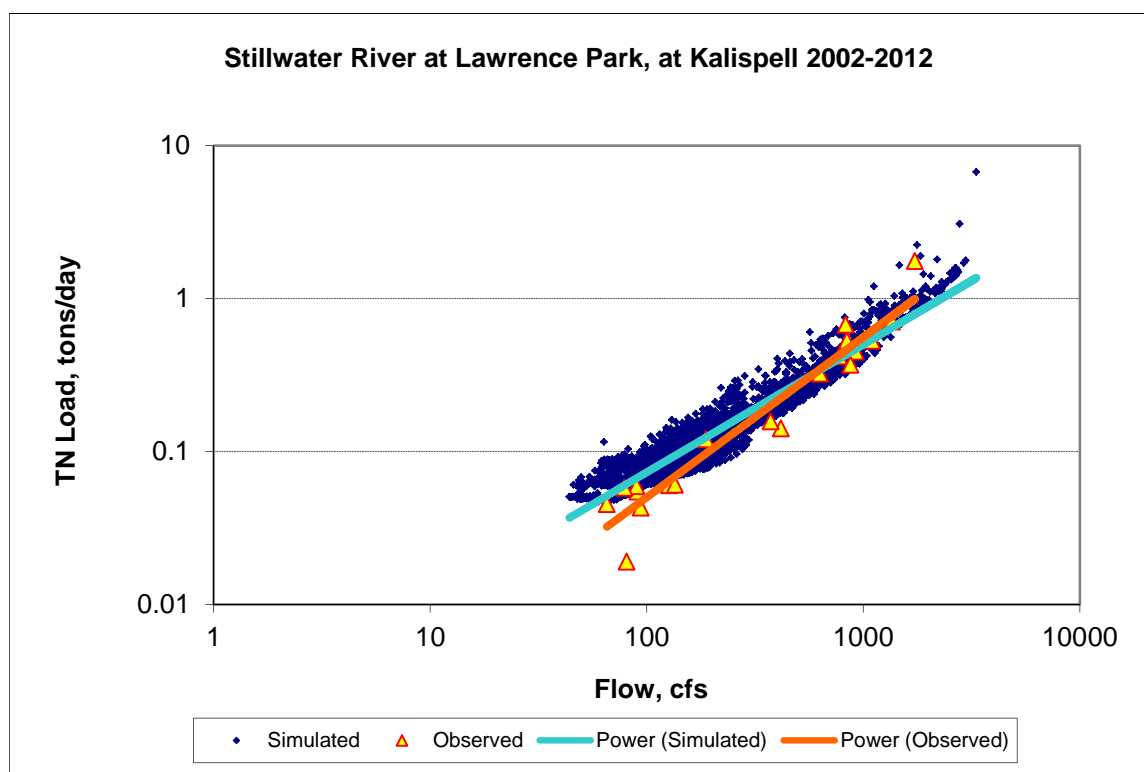


Figure H-78. Calibration Observed and Modeled TN Load vs. Flow Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell

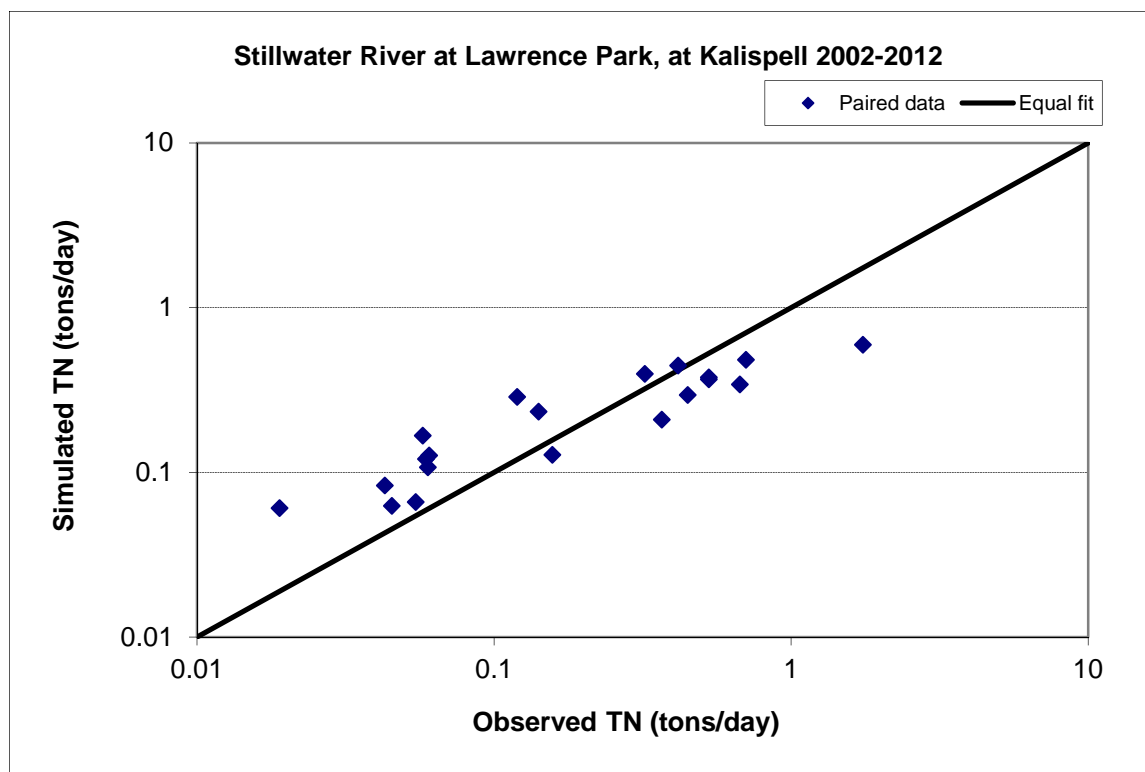


Figure H-79. Calibration Observed and Modeled TN Daily Paired Load Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell

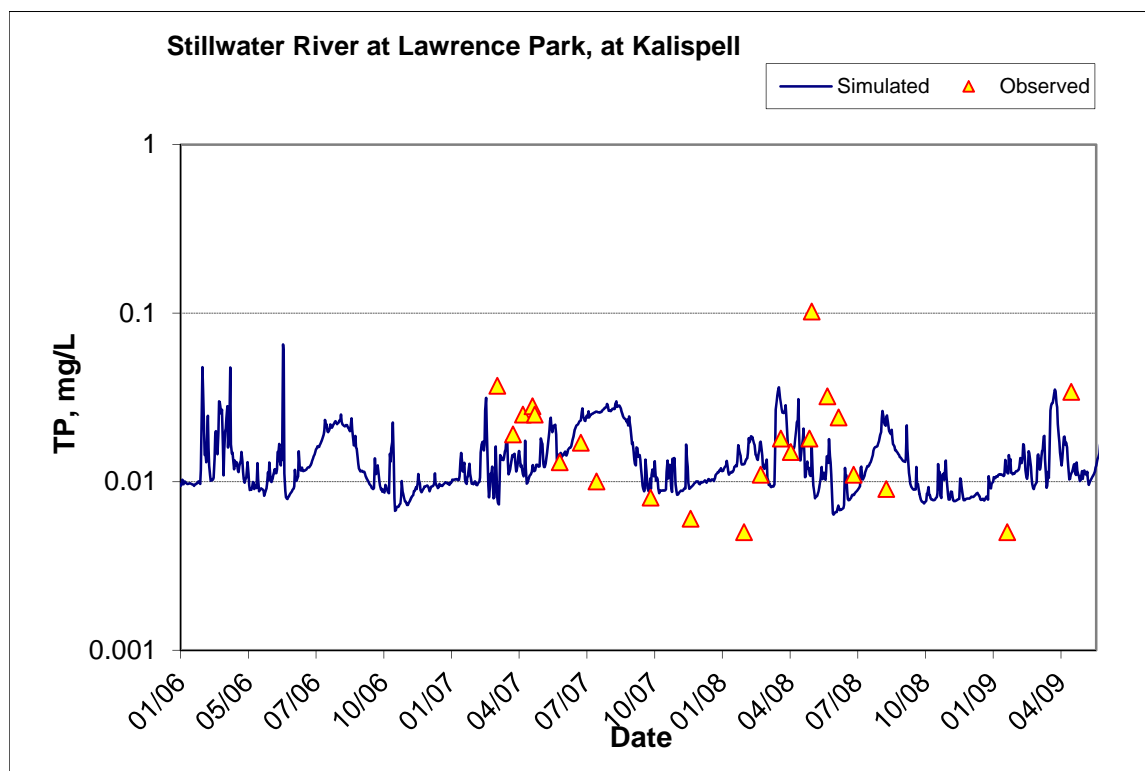


Figure H-80. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12365700 Stillwater River at Lawrence Park, at Kalispell

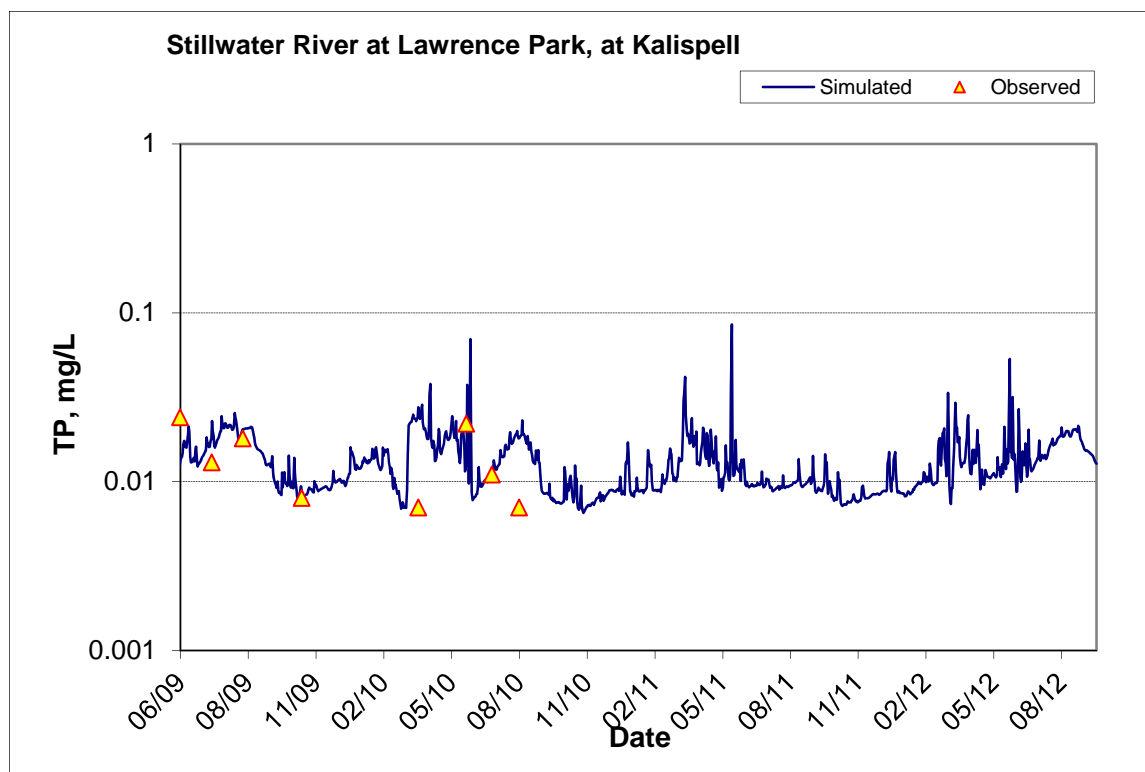


Figure H-81. Calibration Observed and Modeled TP Time series June 2009 through Sept. 2012, 12365700 Stillwater River at Lawrence Park, at Kalispell

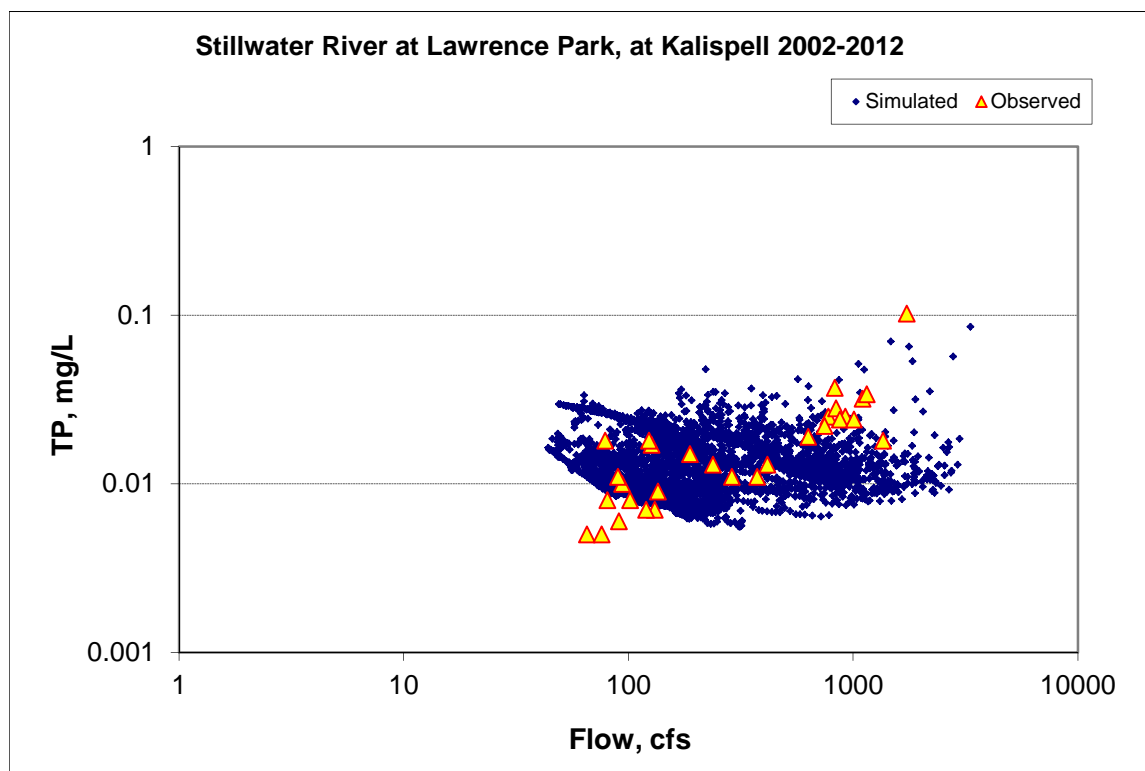
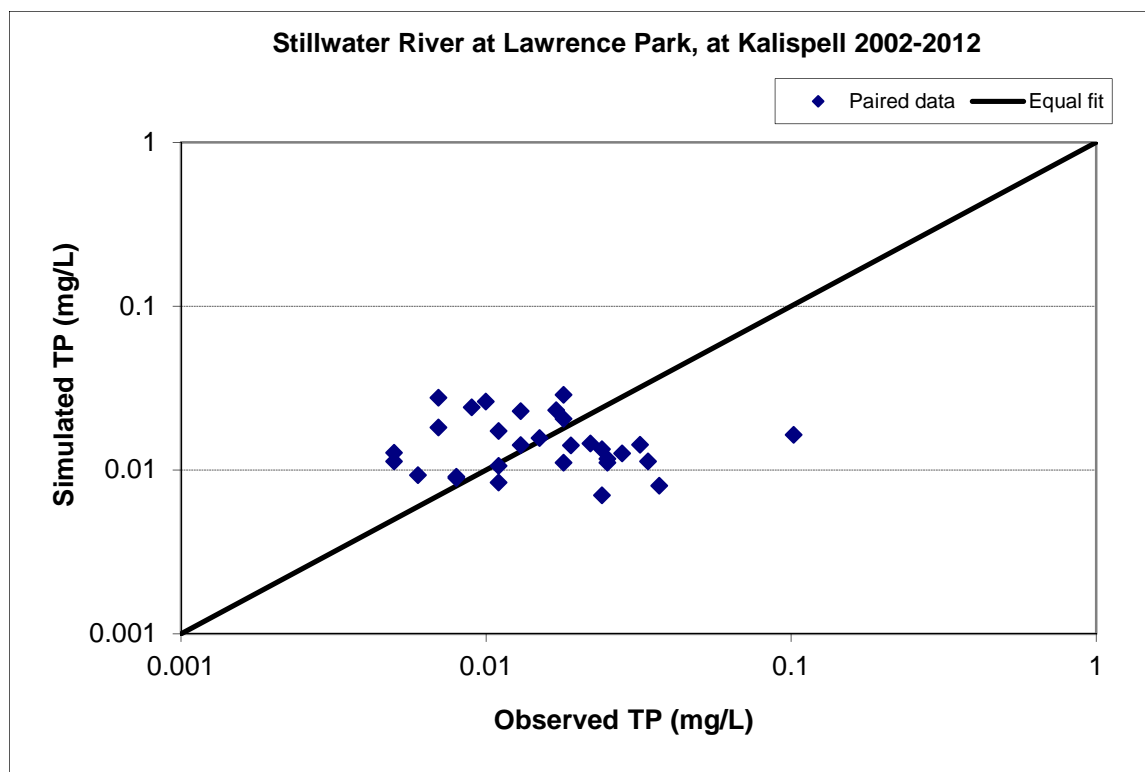
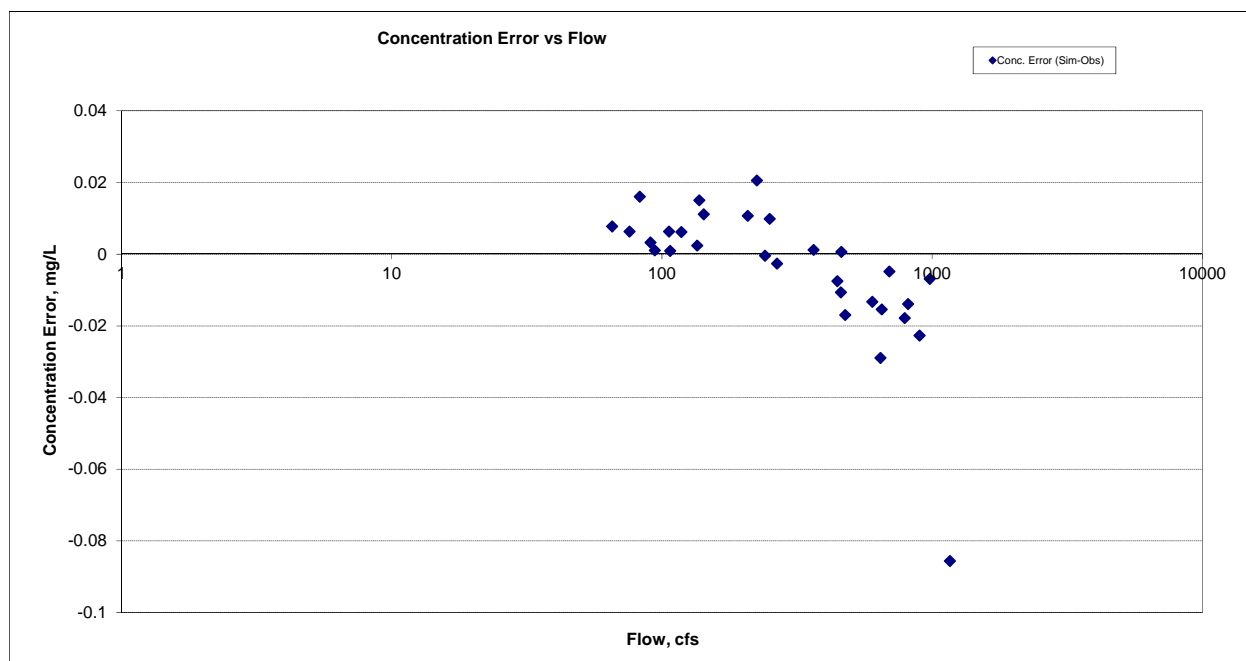


Figure H-82. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell



**Figure H-83. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell**



**Figure H-84. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12365700 Stillwater River at Lawrence Park, at Kalispell**

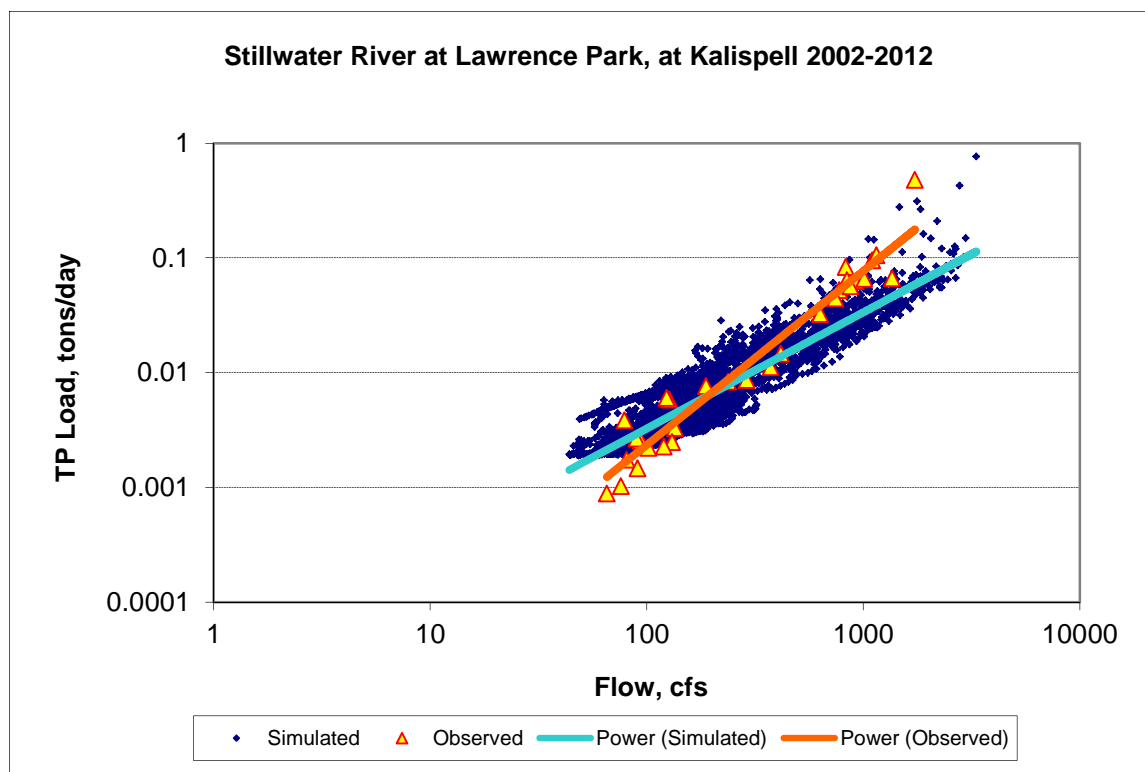


Figure H-85. Calibration Observed and Modeled TP Load vs. Flow Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell

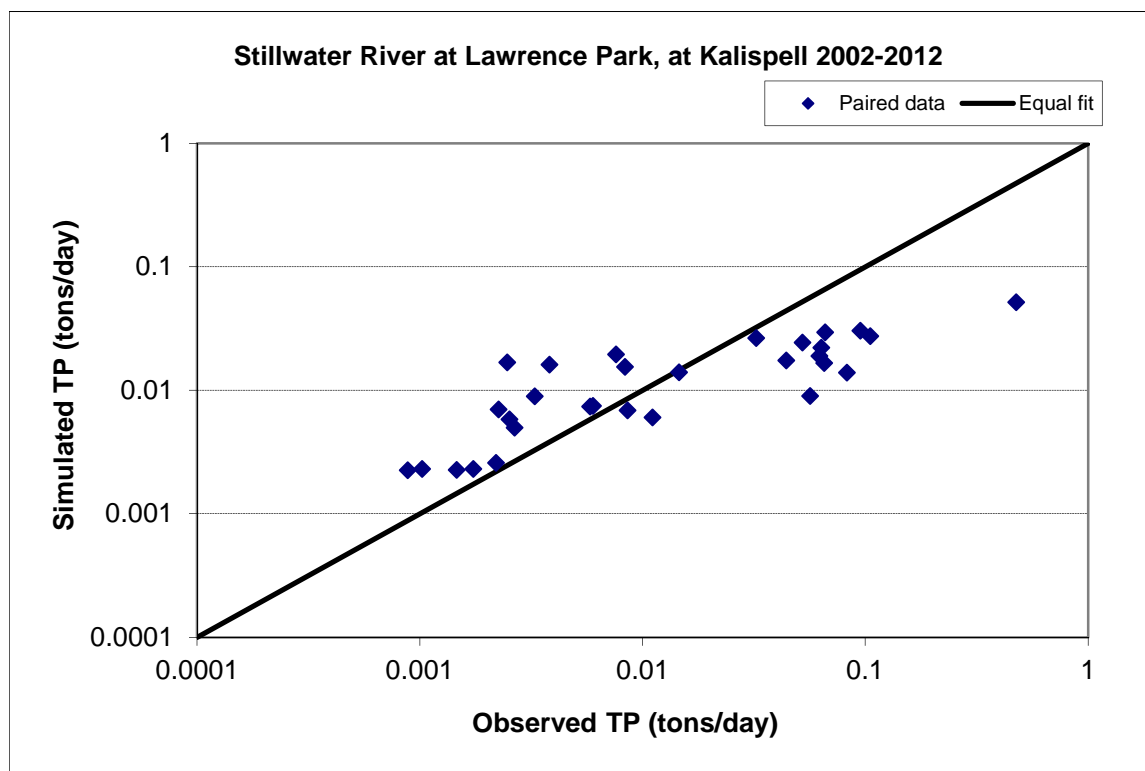


Figure H-86. Calibration Observed and Modeled TP Daily Paired Load Regression, 12365700 Stillwater River at Lawrence Park, at Kalispell

## **H-5. WHITEFISH RIVER NR MOUTH AT KALISPELL, MT (12366080)**

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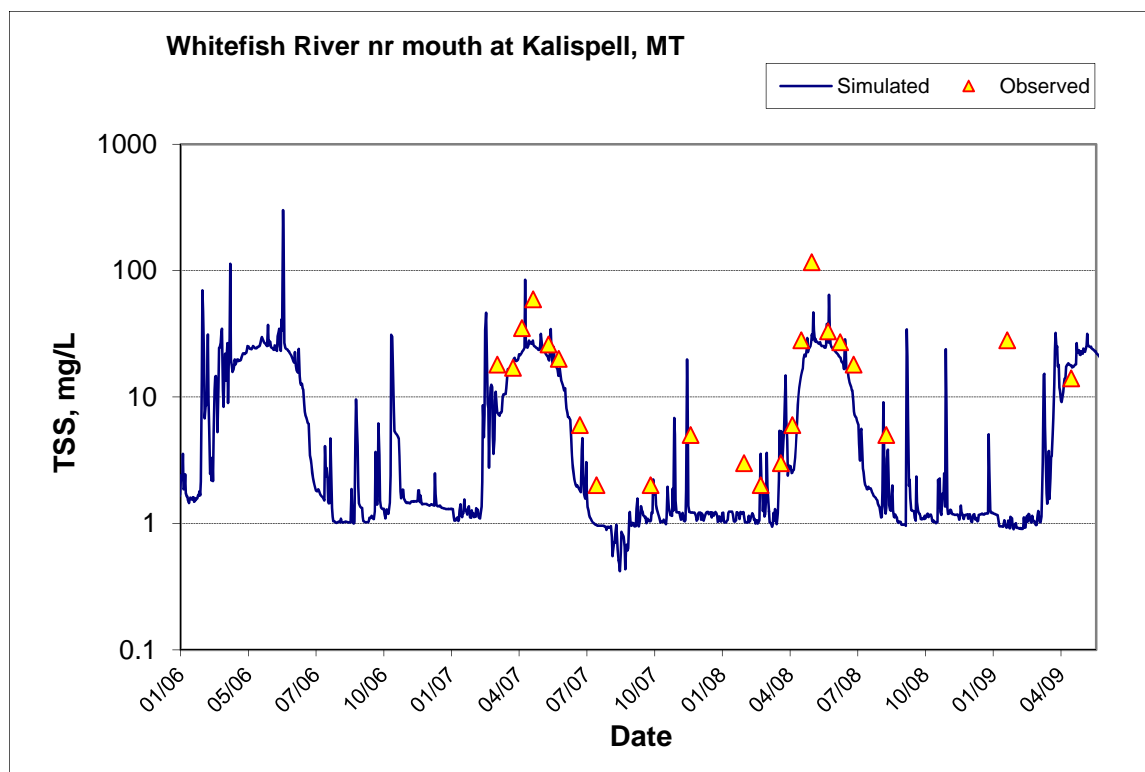


Figure H-87. Calibration Observed and Modeled TSS Time series Feb.2006 through May 2009, 12366080 Whitefish River nr mouth at Kalispell, MT

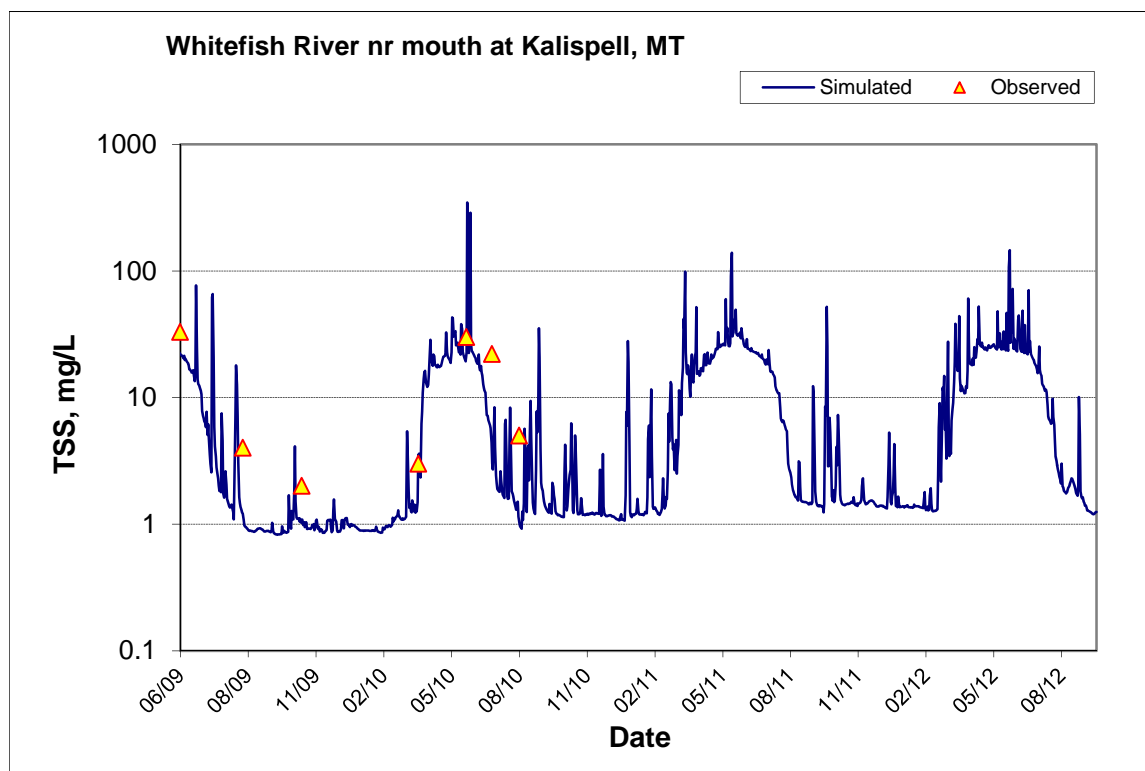


Figure H-88. Calibration Observed and Modeled TSS Time series June 2009 through Sept.2012, 12366080 Whitefish River nr mouth at Kalispell, MT

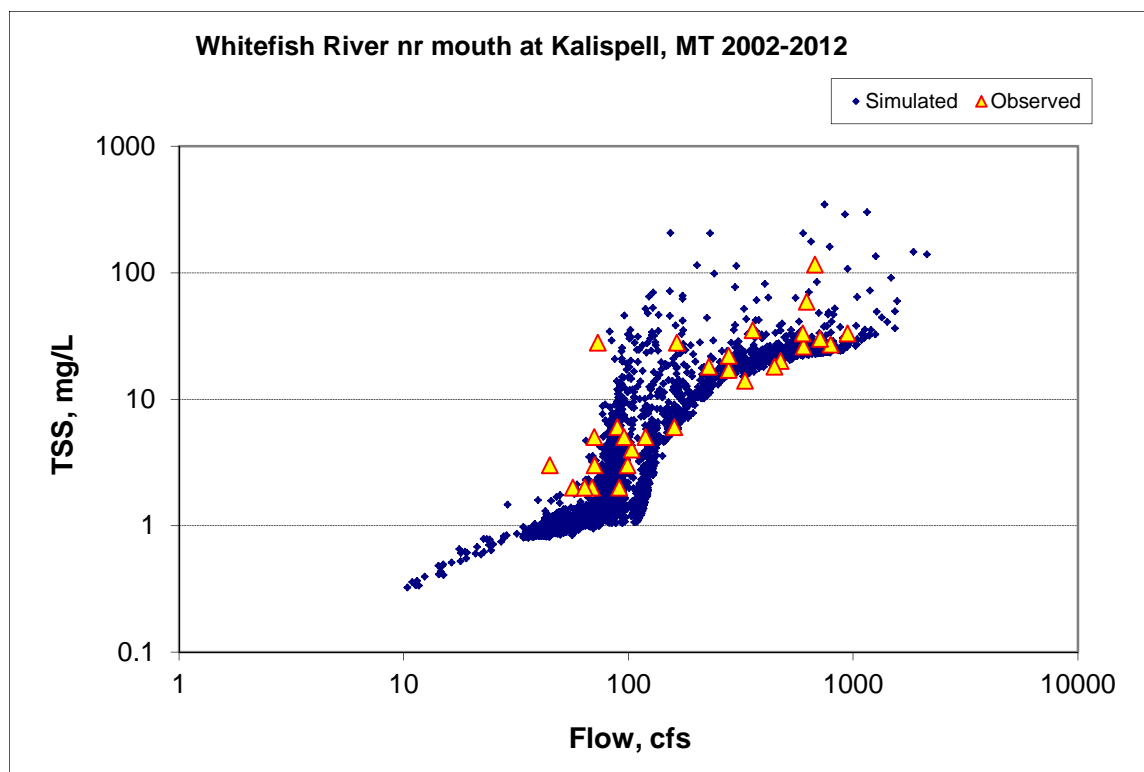


Figure H-89. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

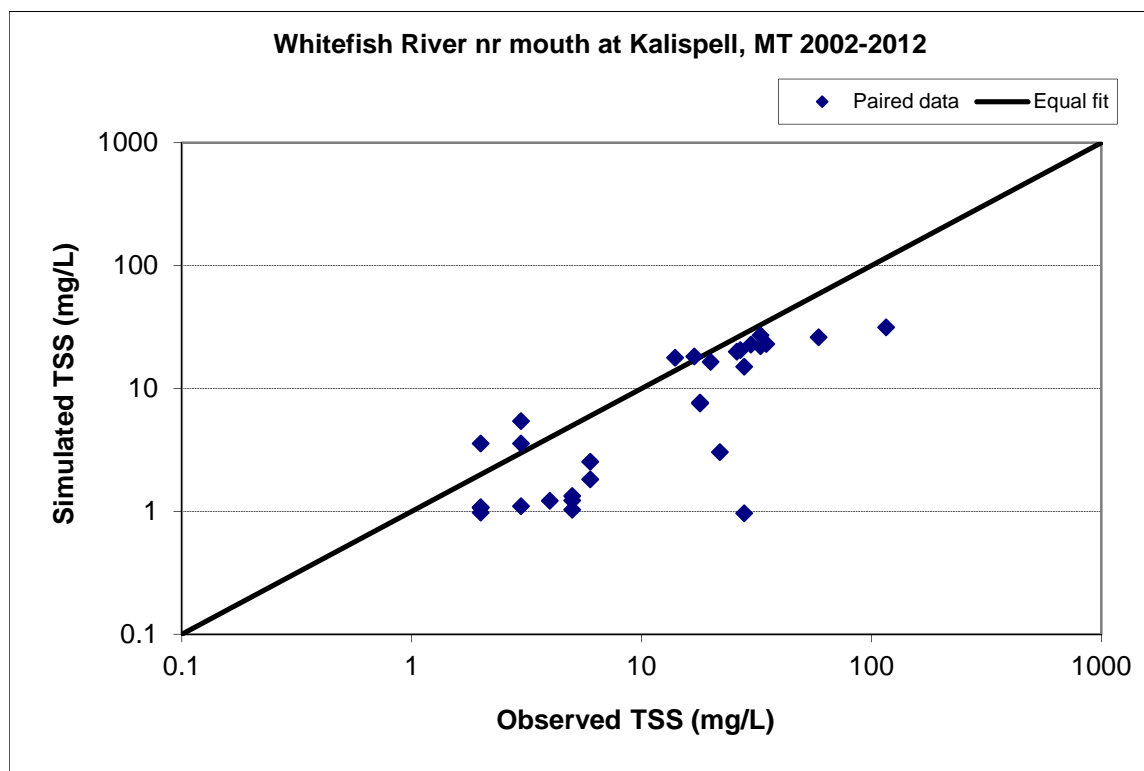
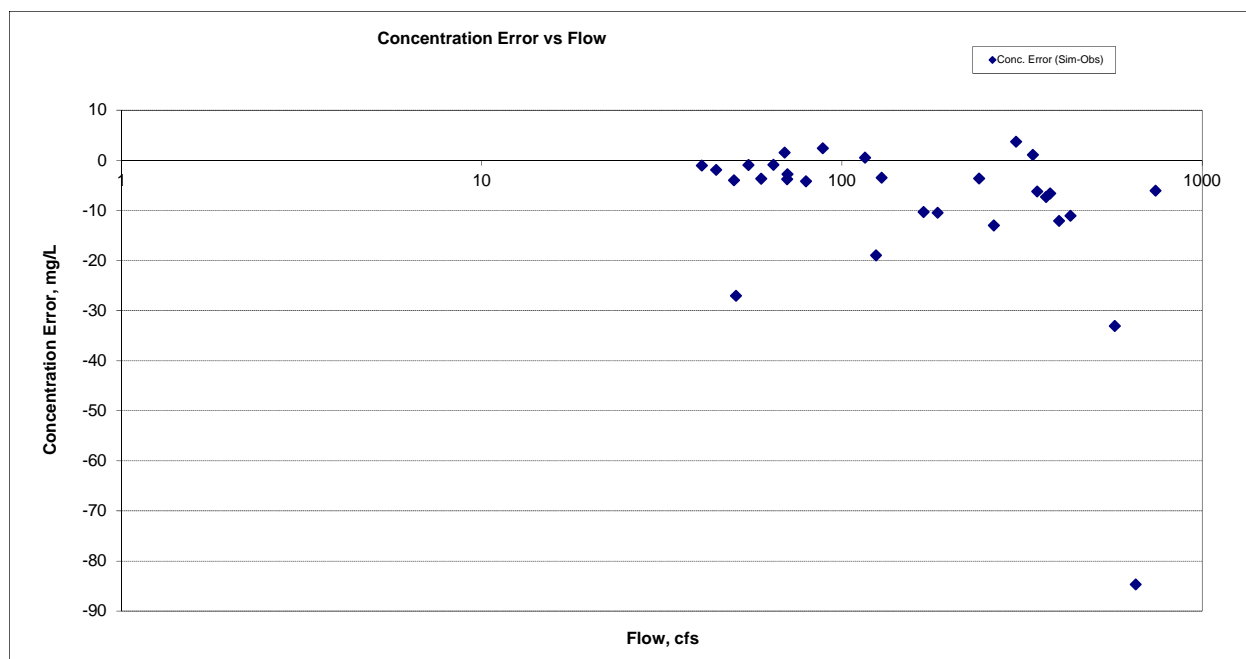
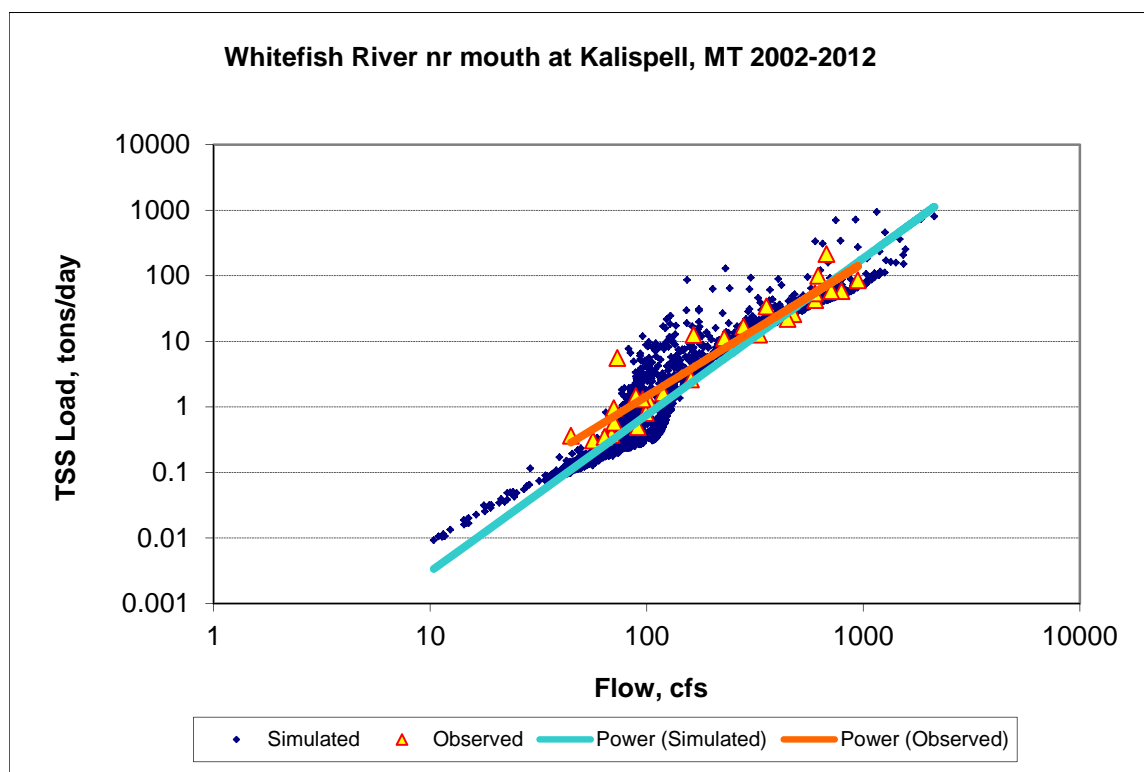


Figure H-90. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12366080 Whitefish River nr mouth at Kalispell, MT





**Figure H-91. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12366080 Whitefish River nr mouth at Kalispell, MT**



**Figure H-92. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12366080 Whitefish River nr mouth at Kalispell, MT**

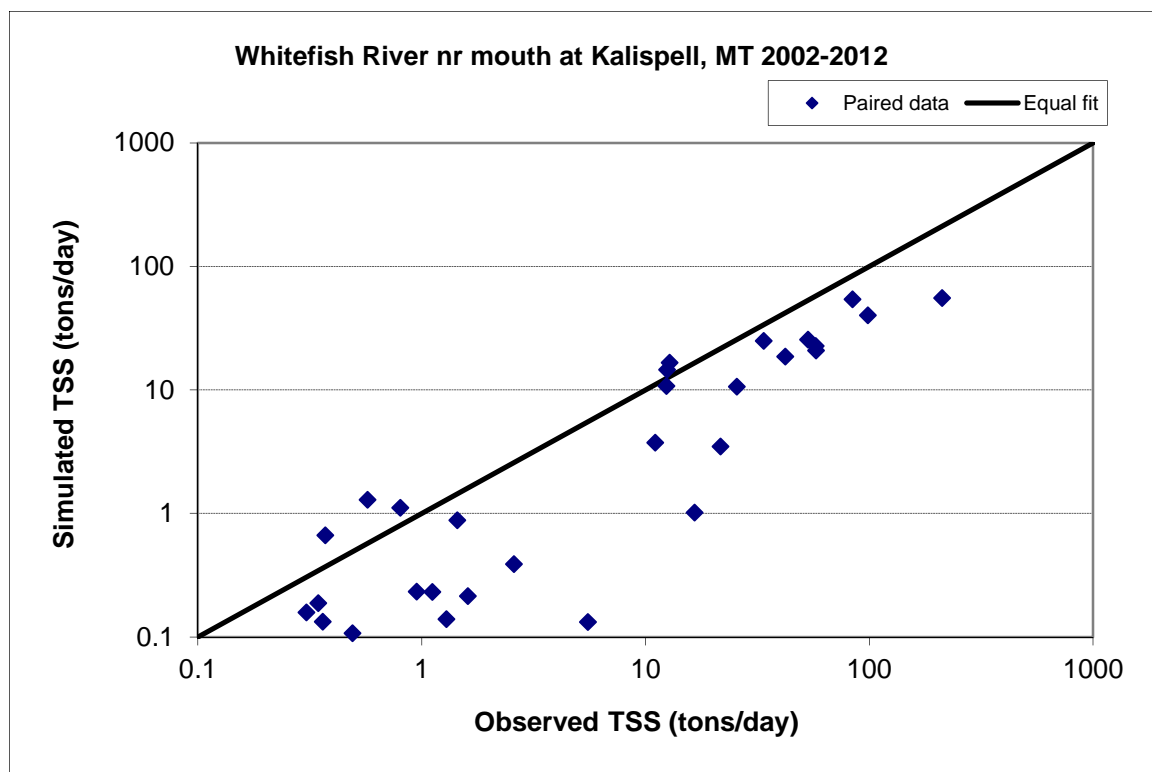


Figure H-93. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

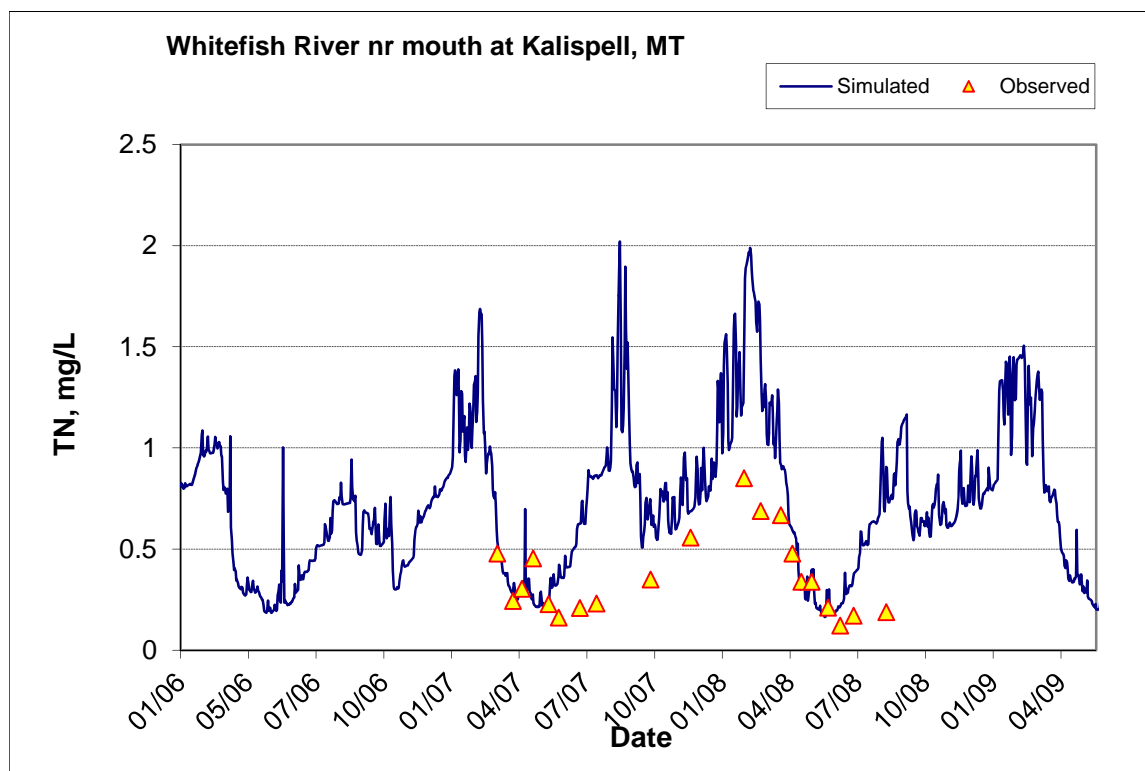


Figure H-94. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12366080 Whitefish River nr mouth at Kalispell, MT

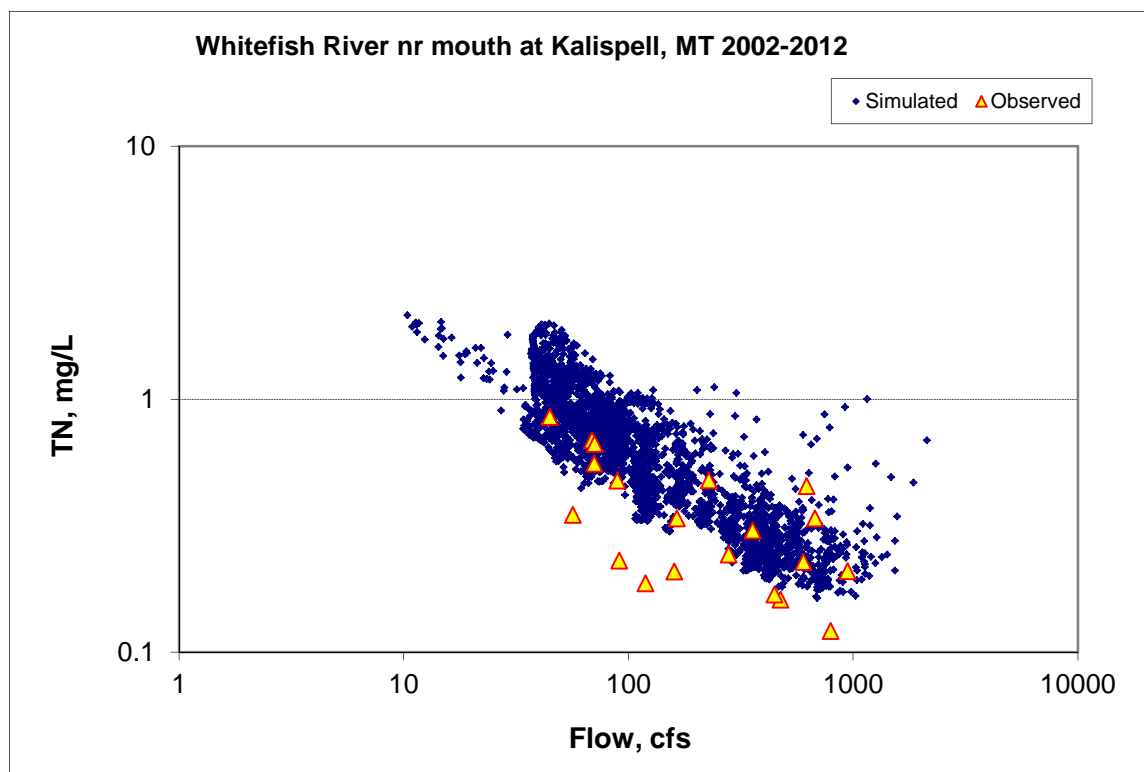


Figure H-95. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

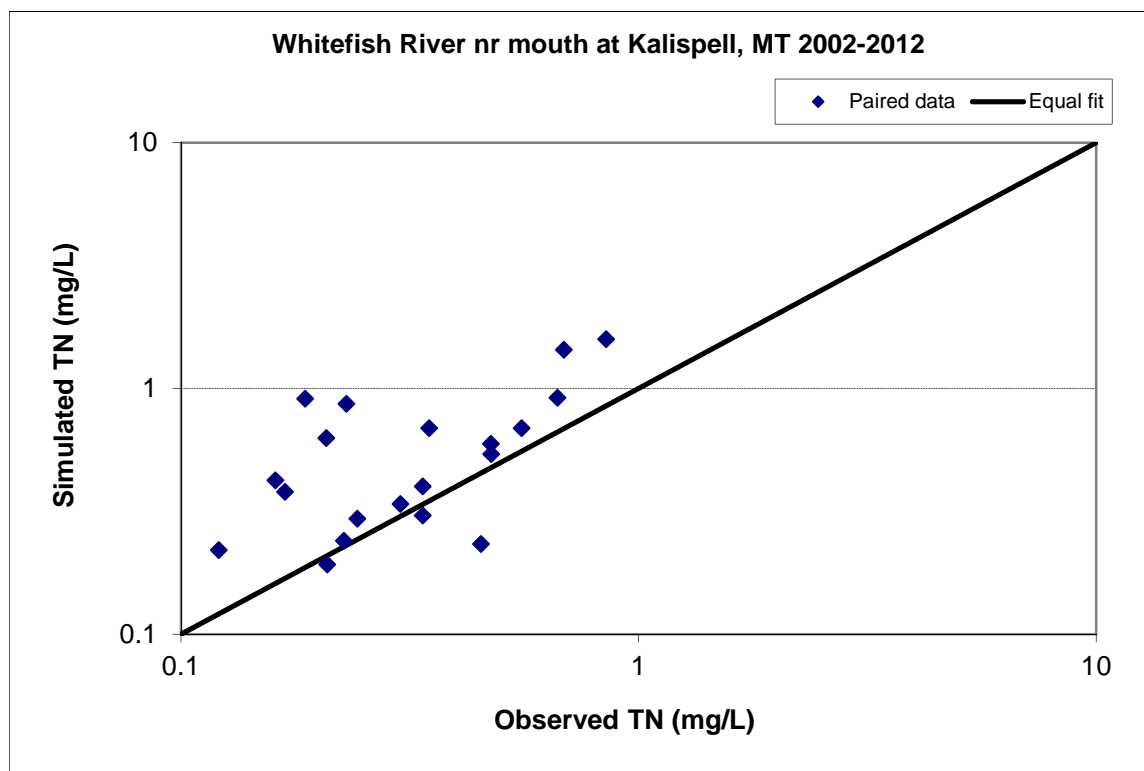


Figure H-96. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

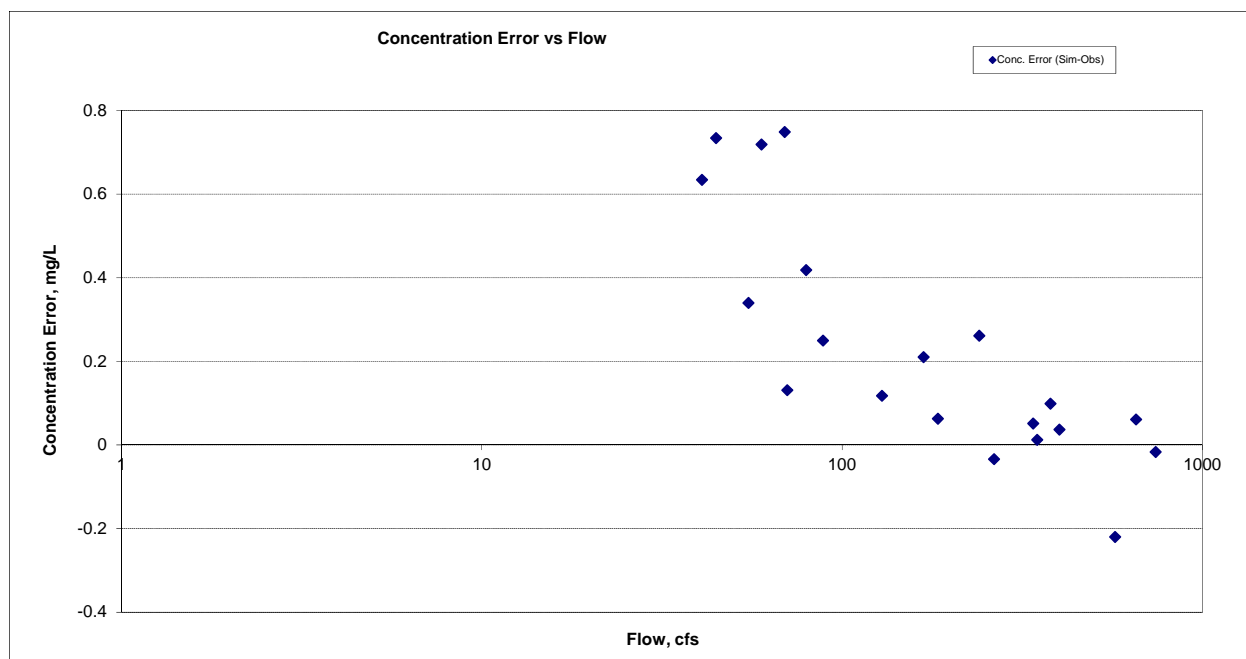


Figure H-97. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12366080 Whitefish River nr mouth at Kalispell, MT

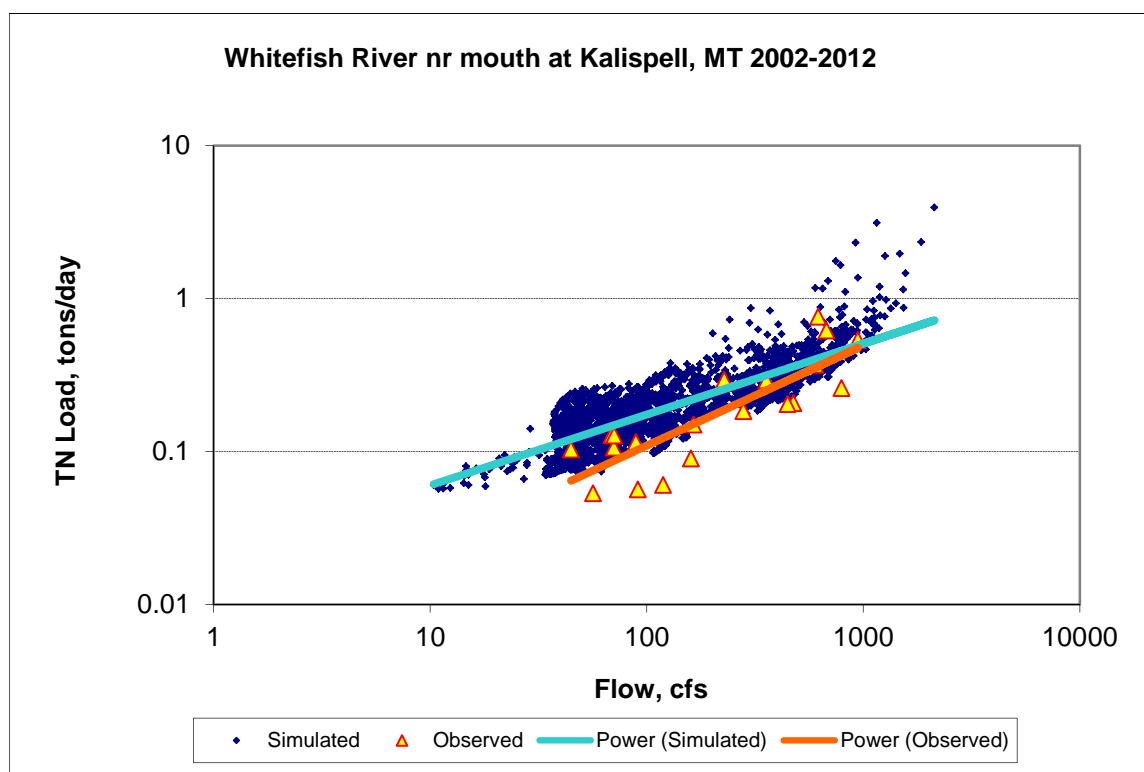


Figure H-98. Calibration Observed and Modeled TN Load vs. Flow Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

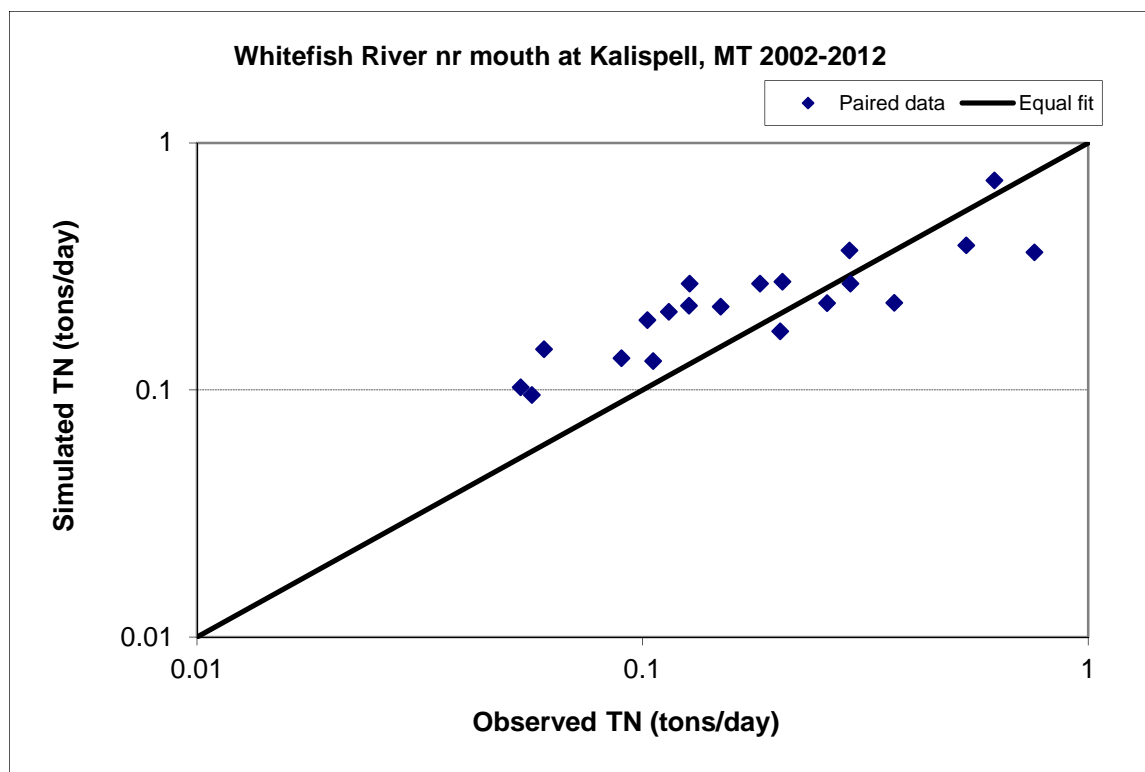


Figure H-99. Calibration Observed and Modeled TN Daily Paired Load Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

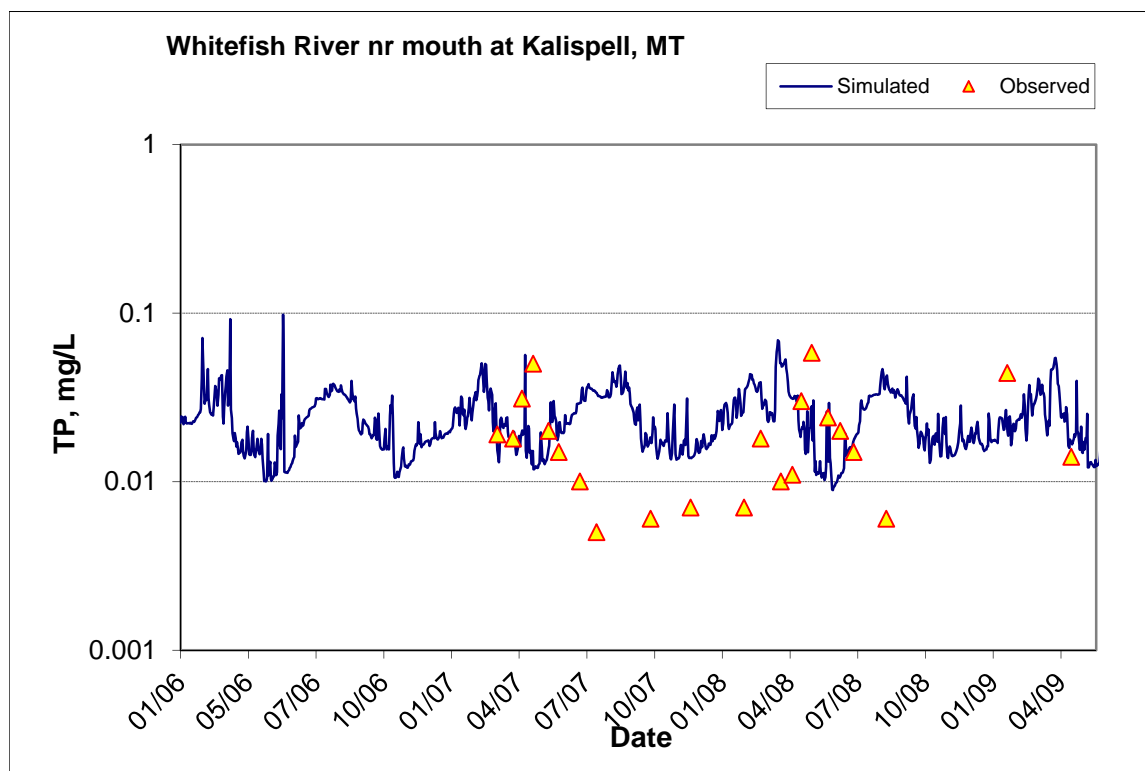
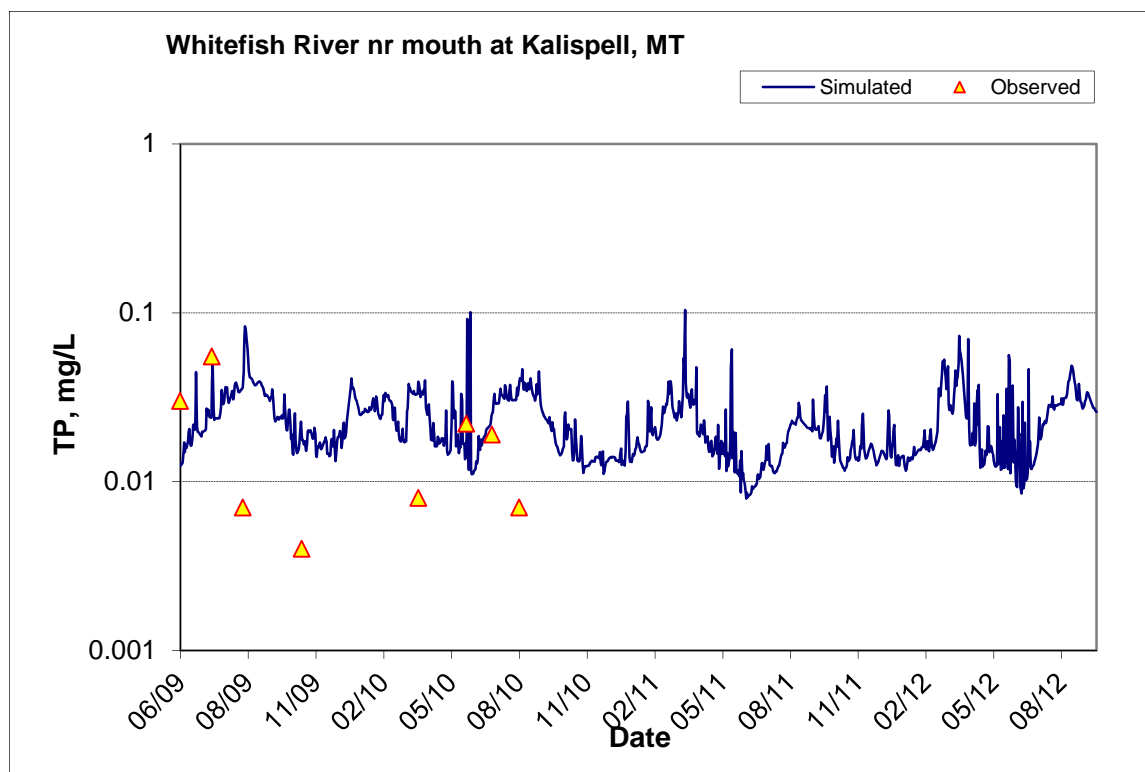
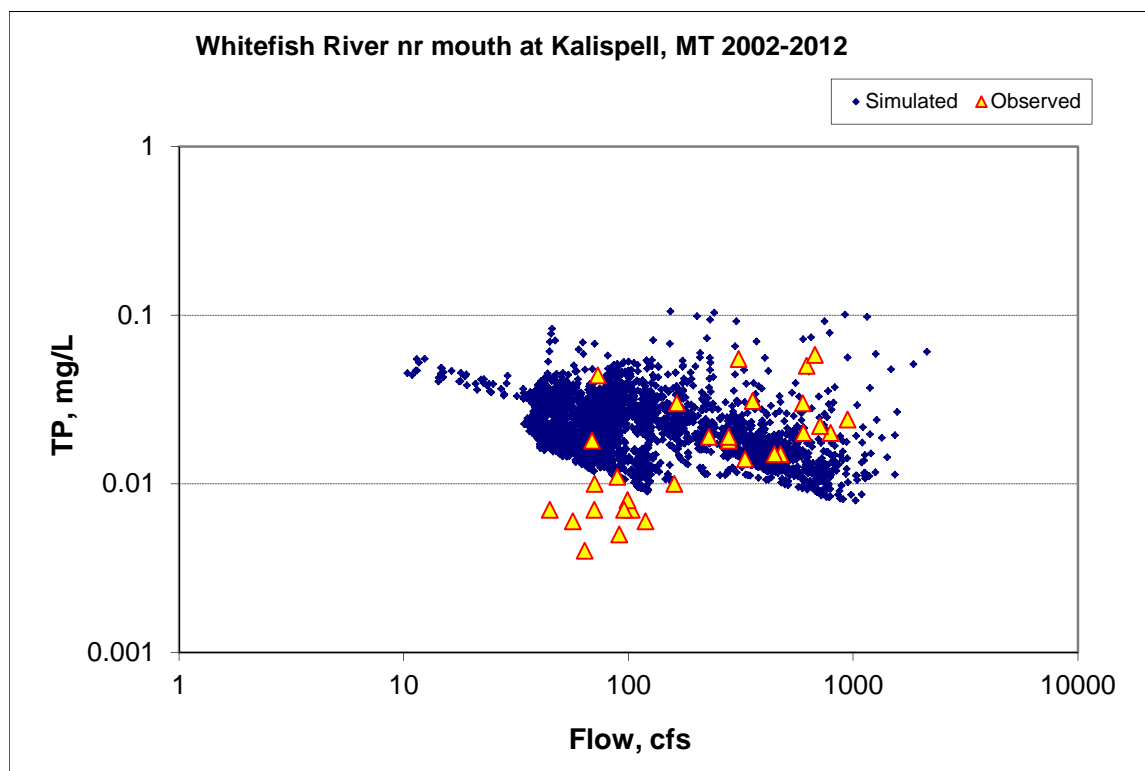


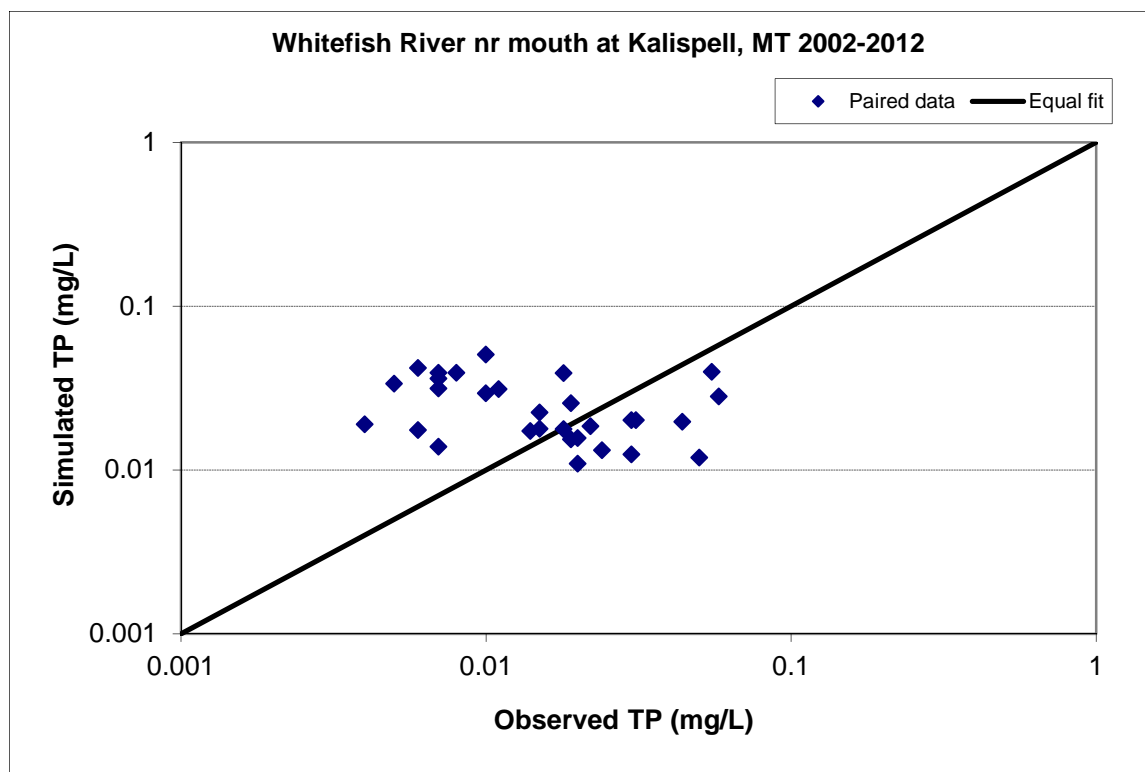
Figure H-100. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12366080 Whitefish River nr mouth at Kalispell, MT



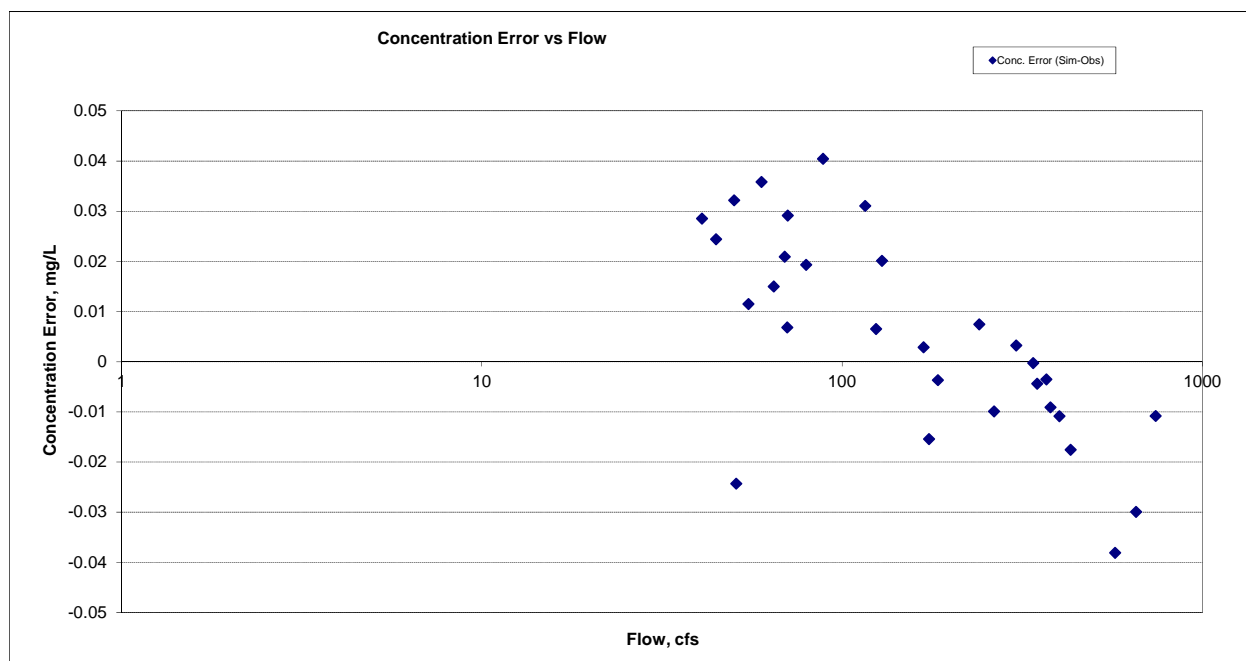
**Figure H-101. Calibration Observed and Modeled TP Time series June 2009 through Sept.2012, 12366080 Whitefish River nr mouth at Kalispell, MT**



**Figure H-102. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12366080 Whitefish River nr mouth at Kalispell, MT**



**Figure H-103. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12366080 Whitefish River nr mouth at Kalispell, MT**



**Figure H-104. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12366080 Whitefish River nr mouth at Kalispell, MT**

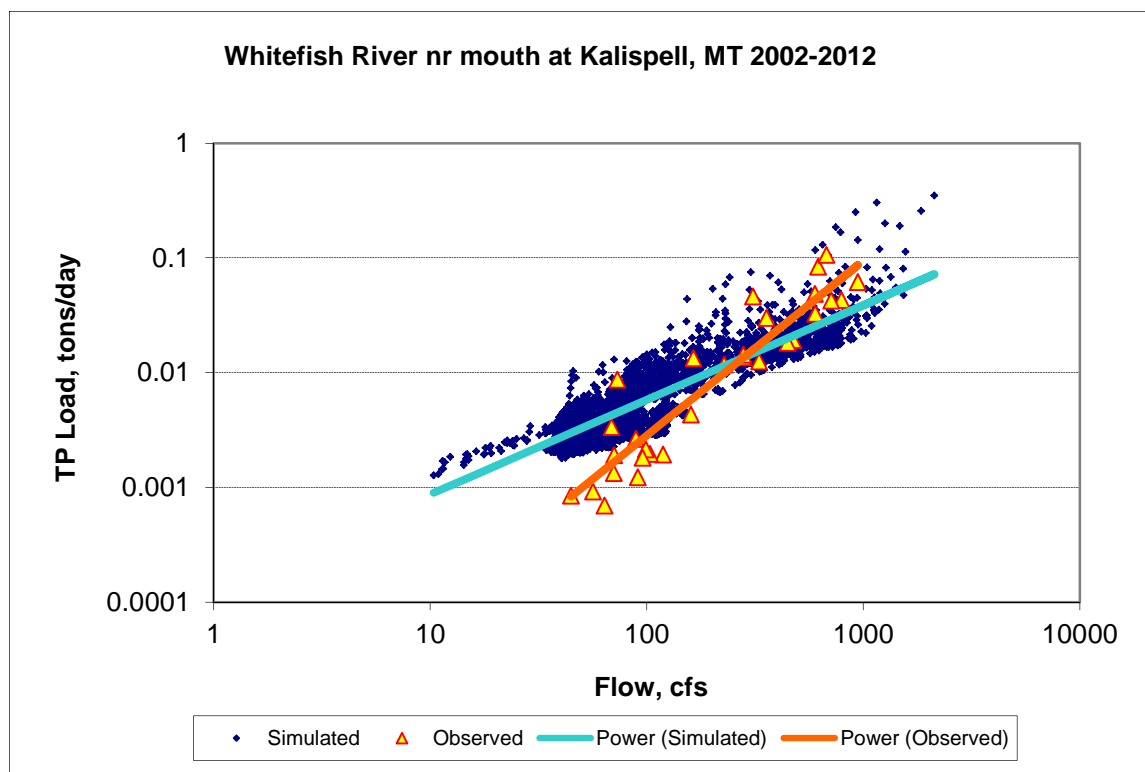


Figure H-105. Calibration Observed and Modeled TP Load vs. Flow Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

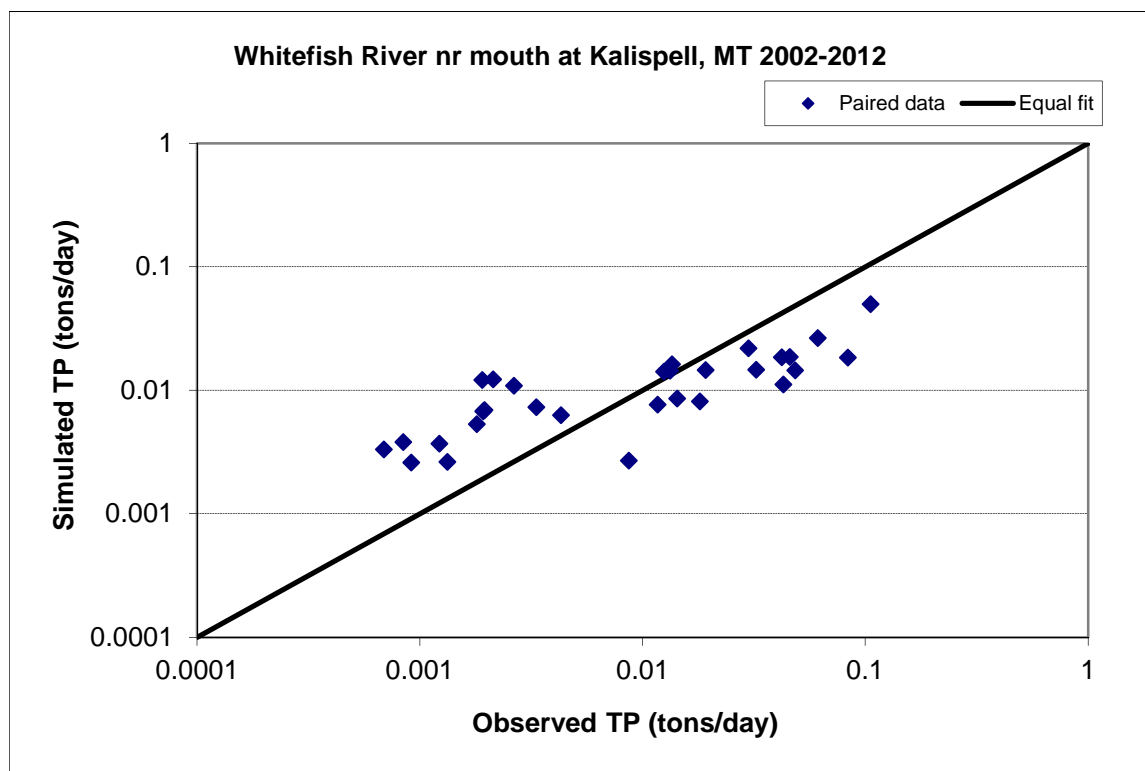
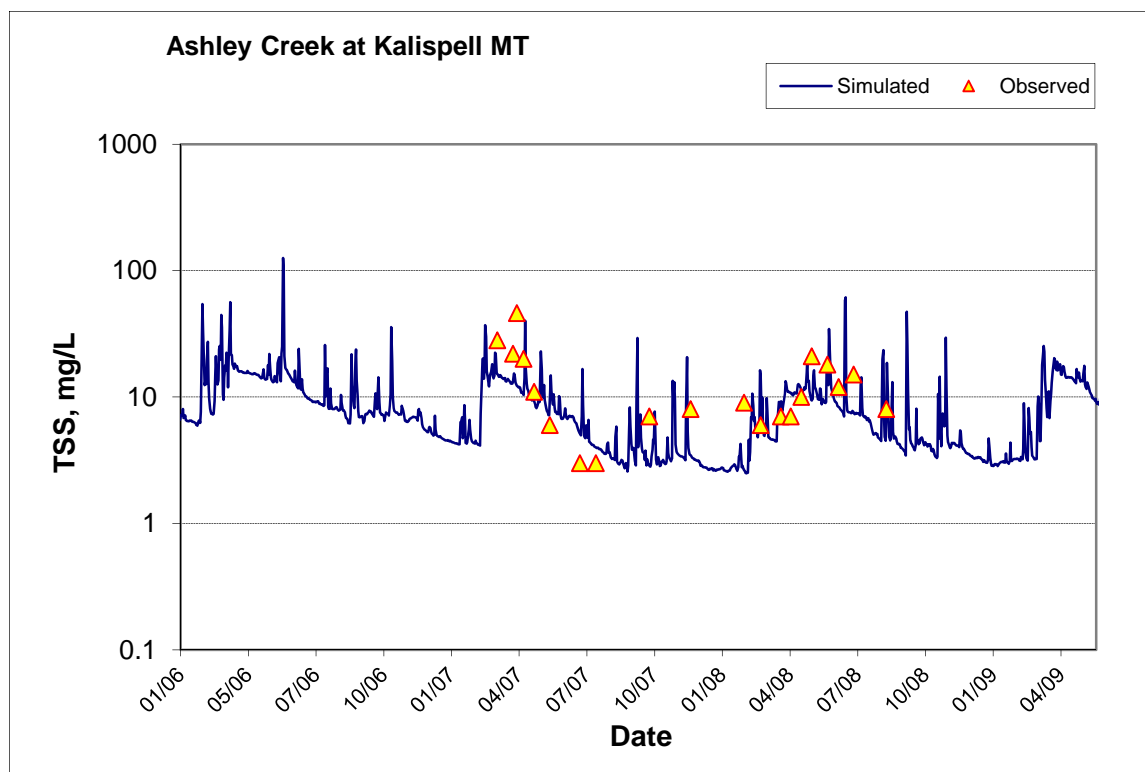


Figure H-106. Calibration Observed and Modeled TP Daily Paired Load Regression, 12366080 Whitefish River nr mouth at Kalispell, MT

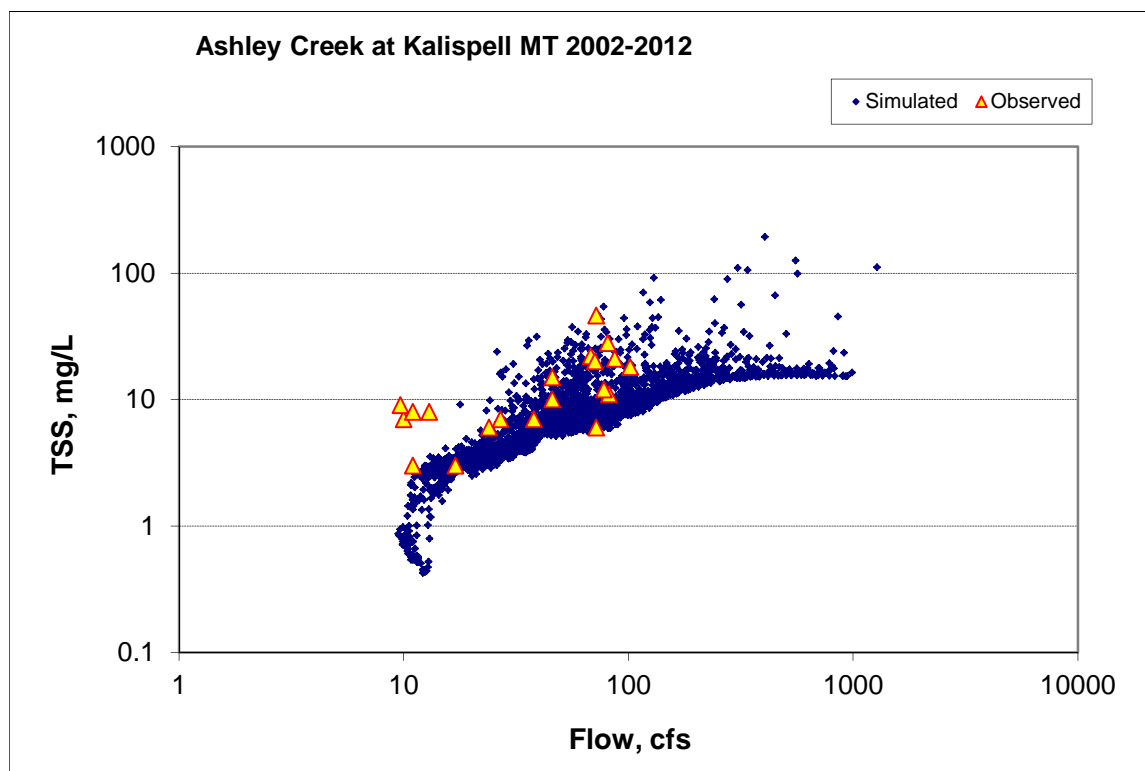


## **H-6. ASHLEY CREEK AT KALISPELL MT (12367800)**

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**Figure H-107. Calibration Observed and Modeled TSS Time series Feb.2006 through May 2009, 12367800 Ashley Creek at Kalispell MT**



**Figure H-108. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12367800 Ashley Creek at Kalispell MT**

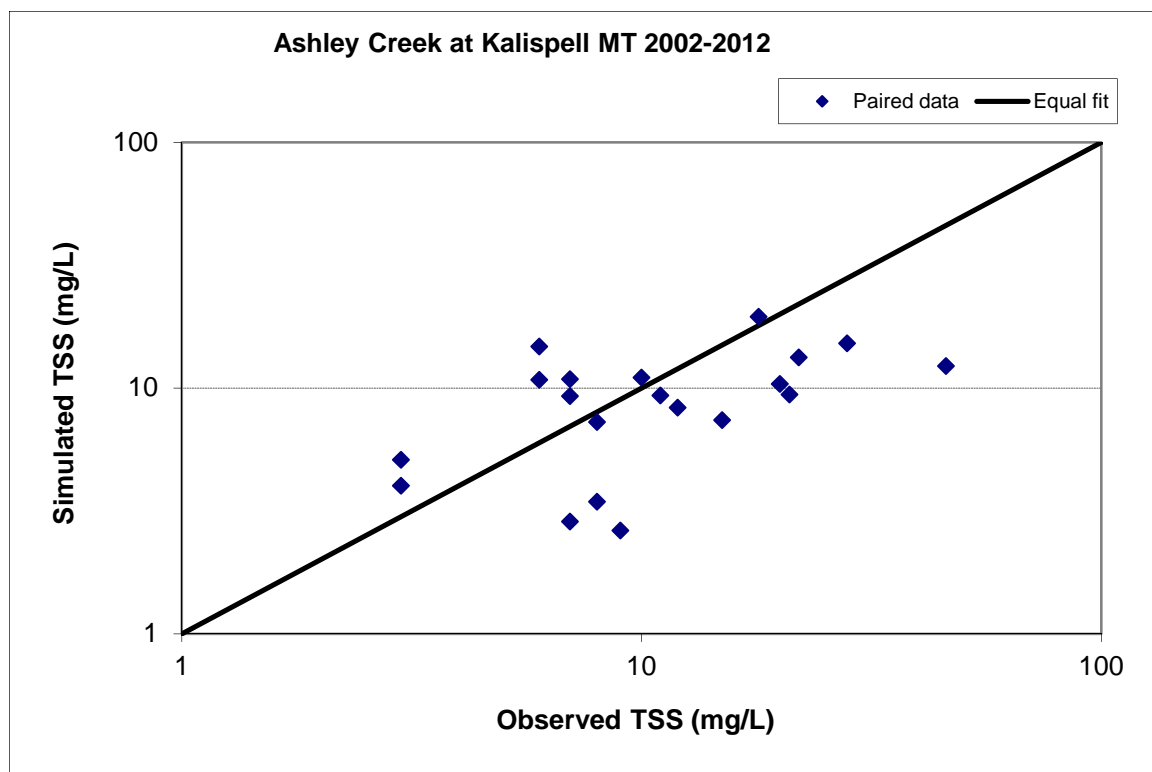


Figure H-109. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12367800 Ashley Creek at Kalispell MT

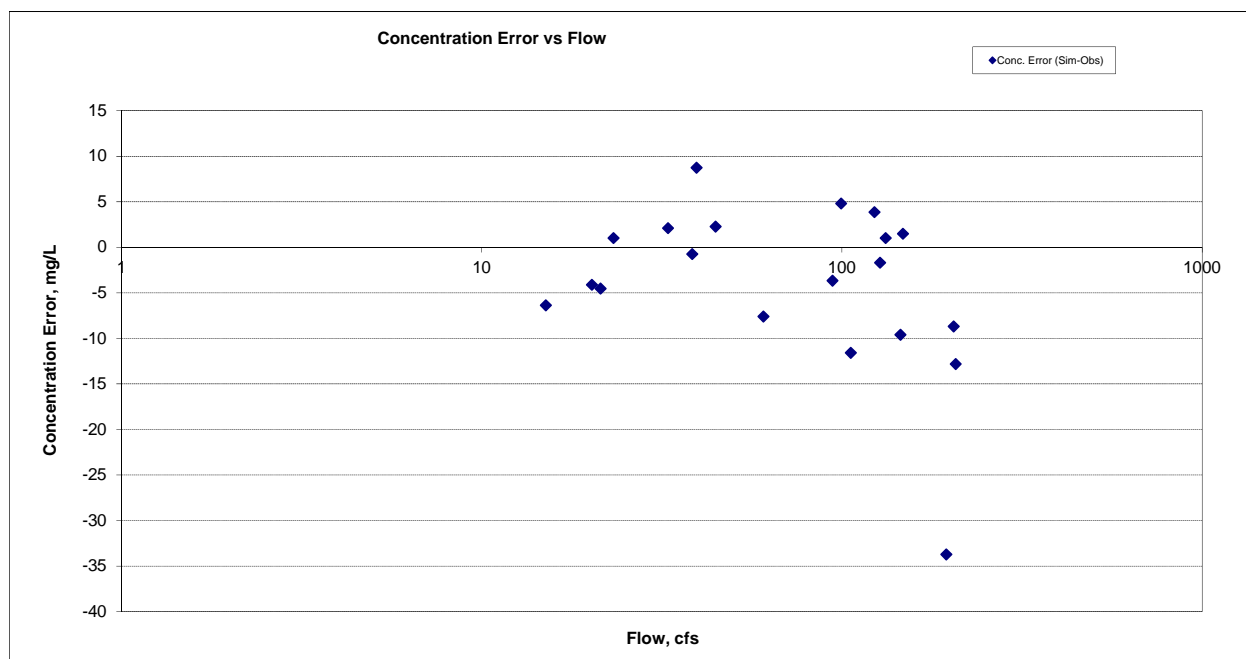


Figure H-110. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12367800 Ashley Creek at Kalispell MT

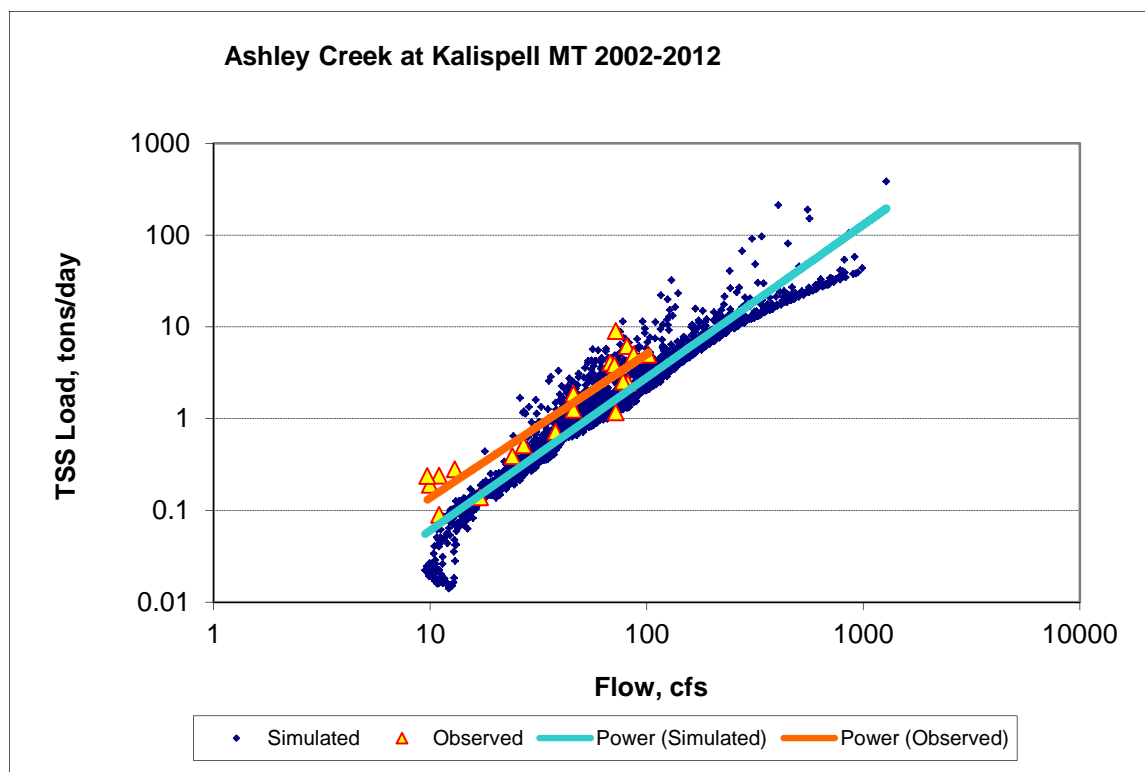


Figure H-111. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12367800 Ashley Creek at Kalispell MT

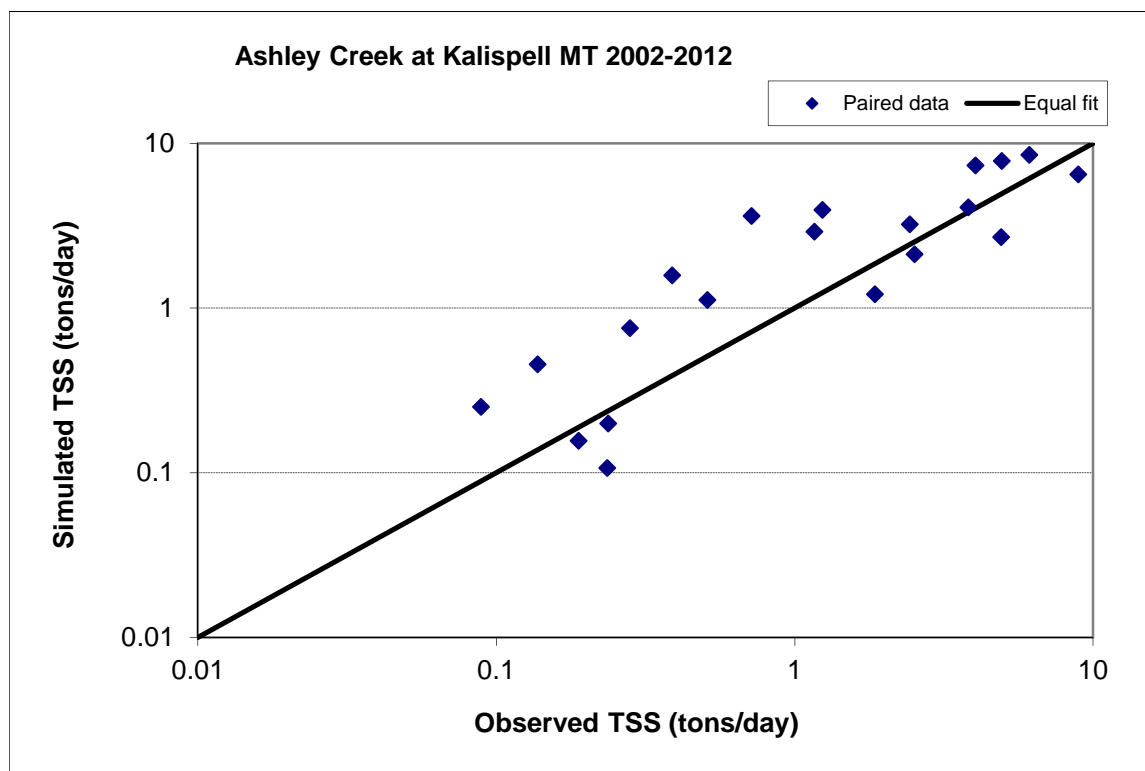


Figure H-112. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12367800 Ashley Creek at Kalispell MT

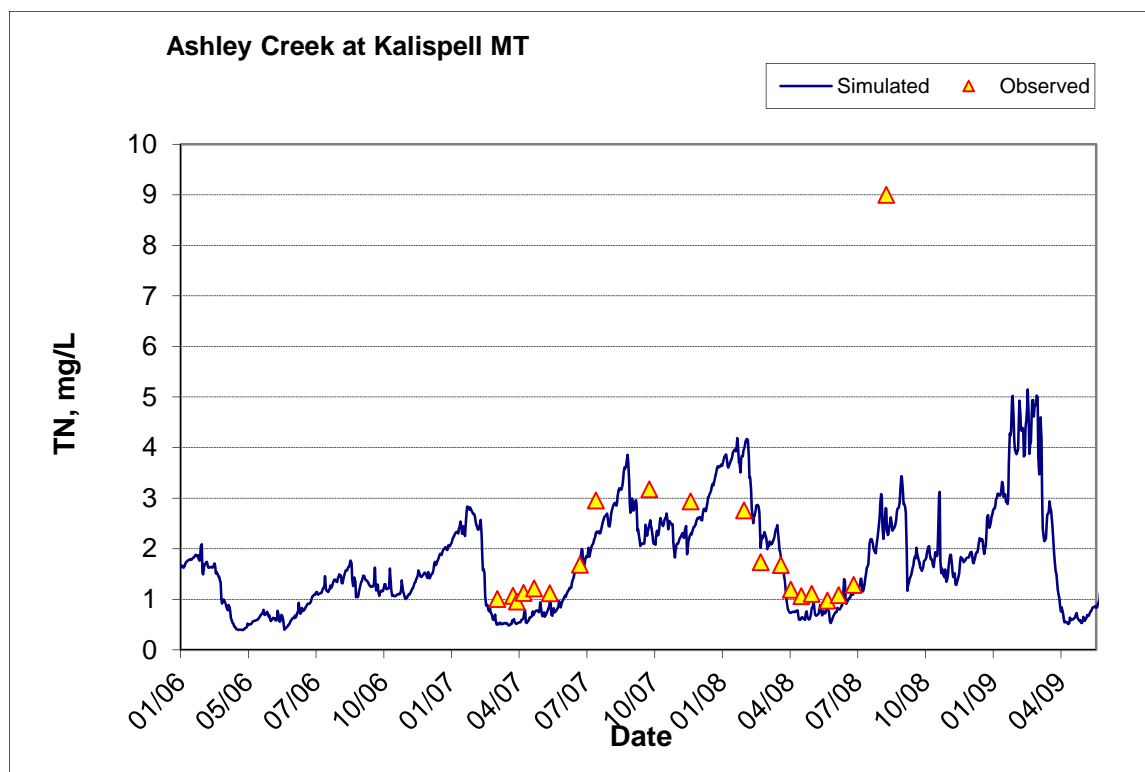


Figure H-113. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12367800 Ashley Creek at Kalispell MT

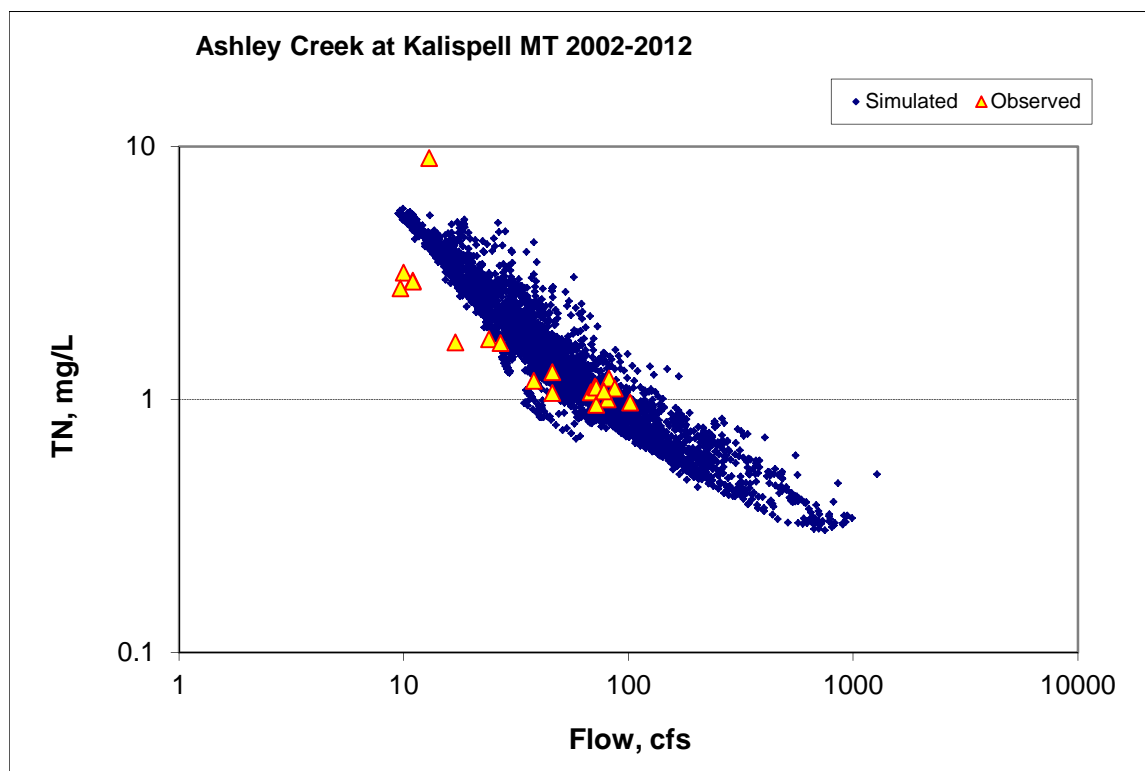


Figure H-114. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12367800 Ashley Creek at Kalispell MT

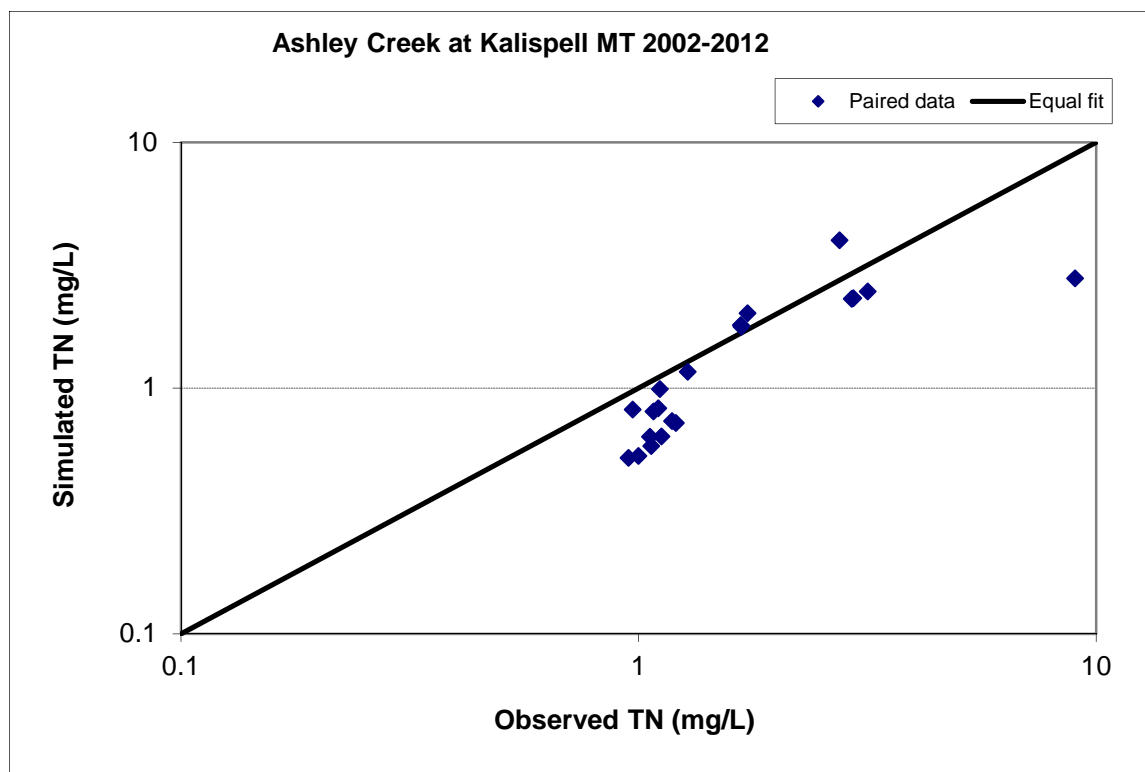


Figure H-115. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12367800 Ashley Creek at Kalispell MT

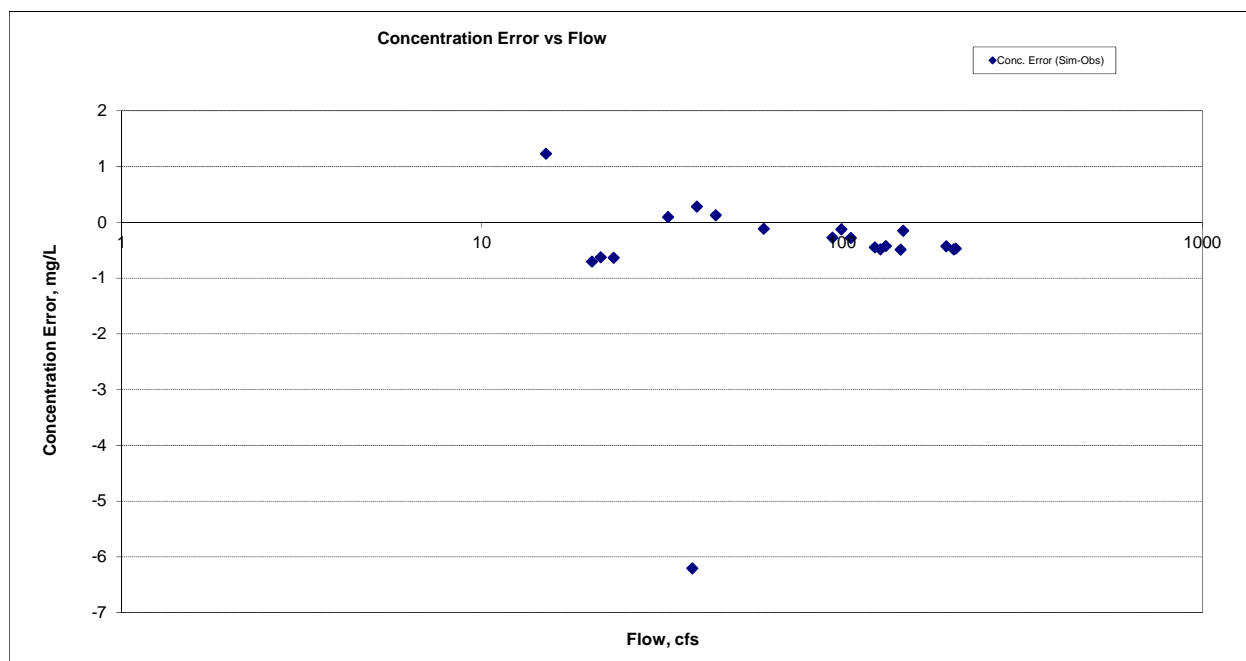
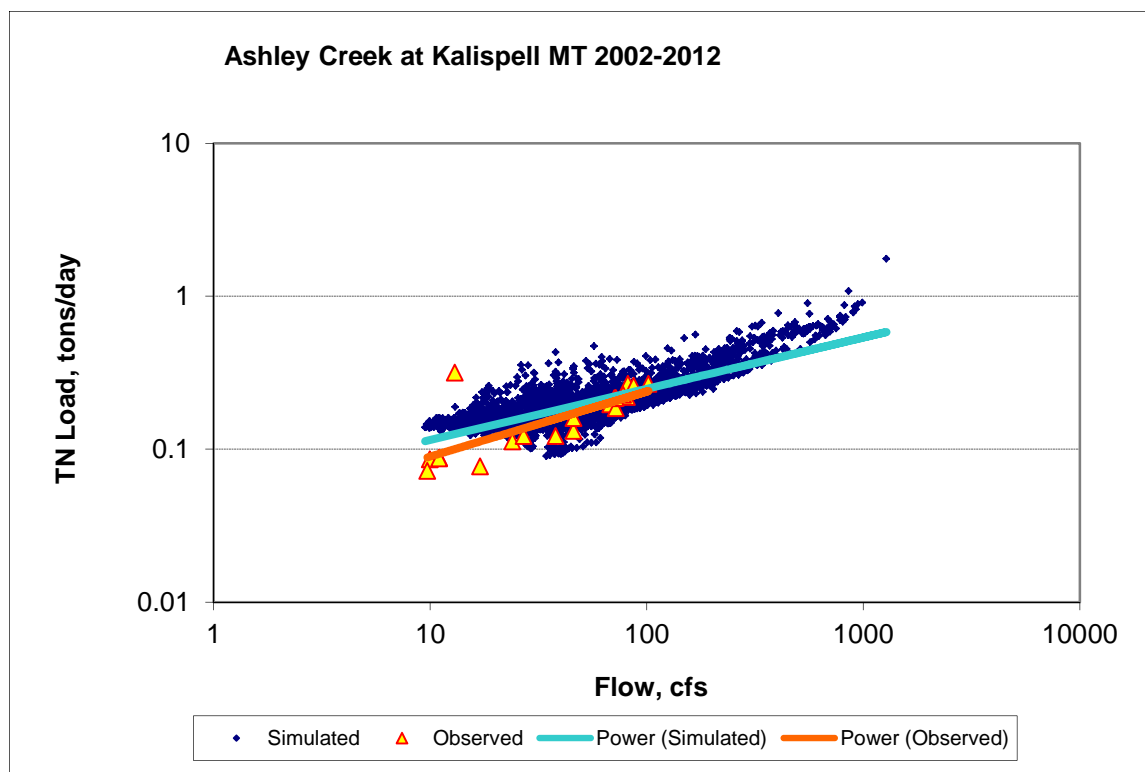
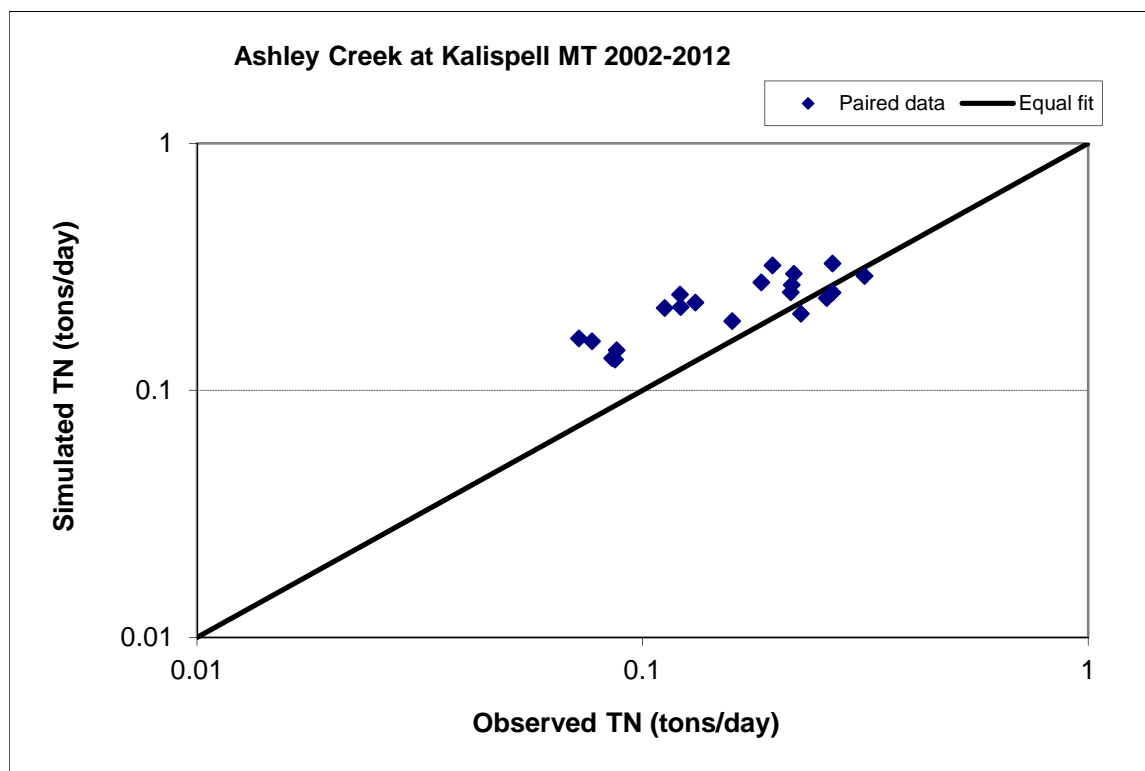


Figure H-116. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12367800 Ashley Creek at Kalispell MT



**Figure H-117. Calibration Observed and Modeled TN Load vs. Flow Regression, 12367800 Ashley Creek at Kalispell MT**



**Figure H-118. Calibration Observed and Modeled TN Daily Paired Load Regression, 12367800 Ashley Creek at Kalispell MT**

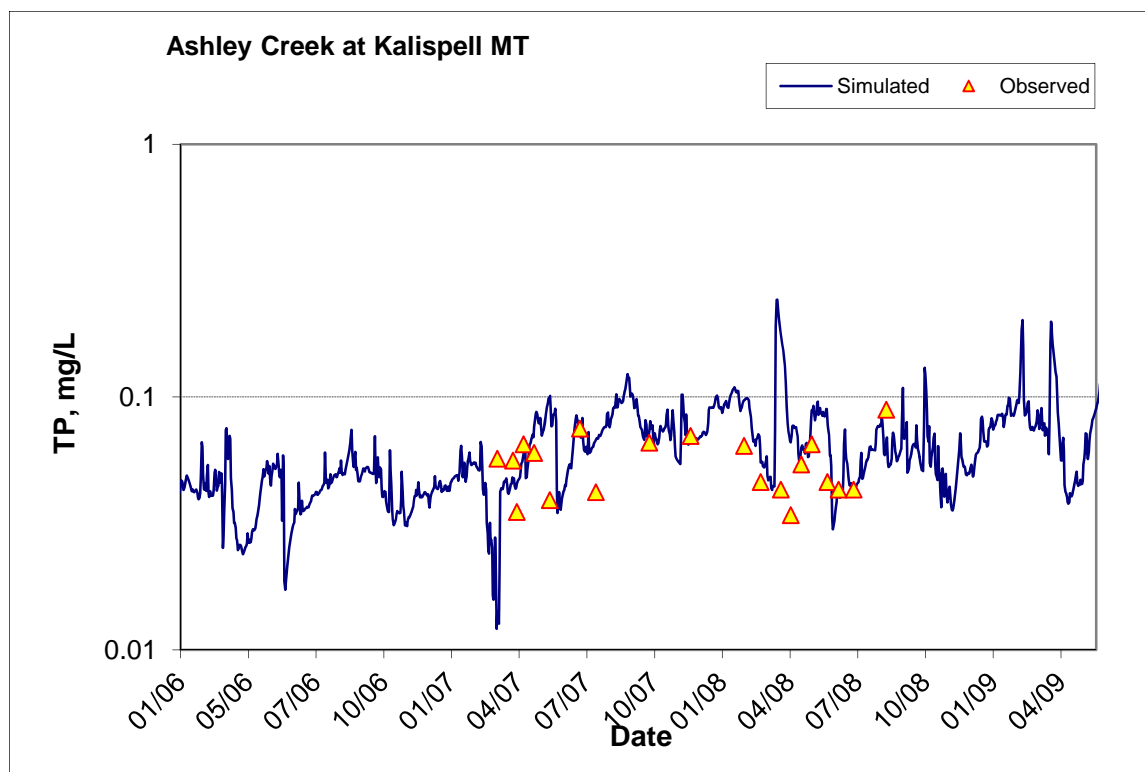


Figure H-119. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12367800 Ashley Creek at Kalispell MT

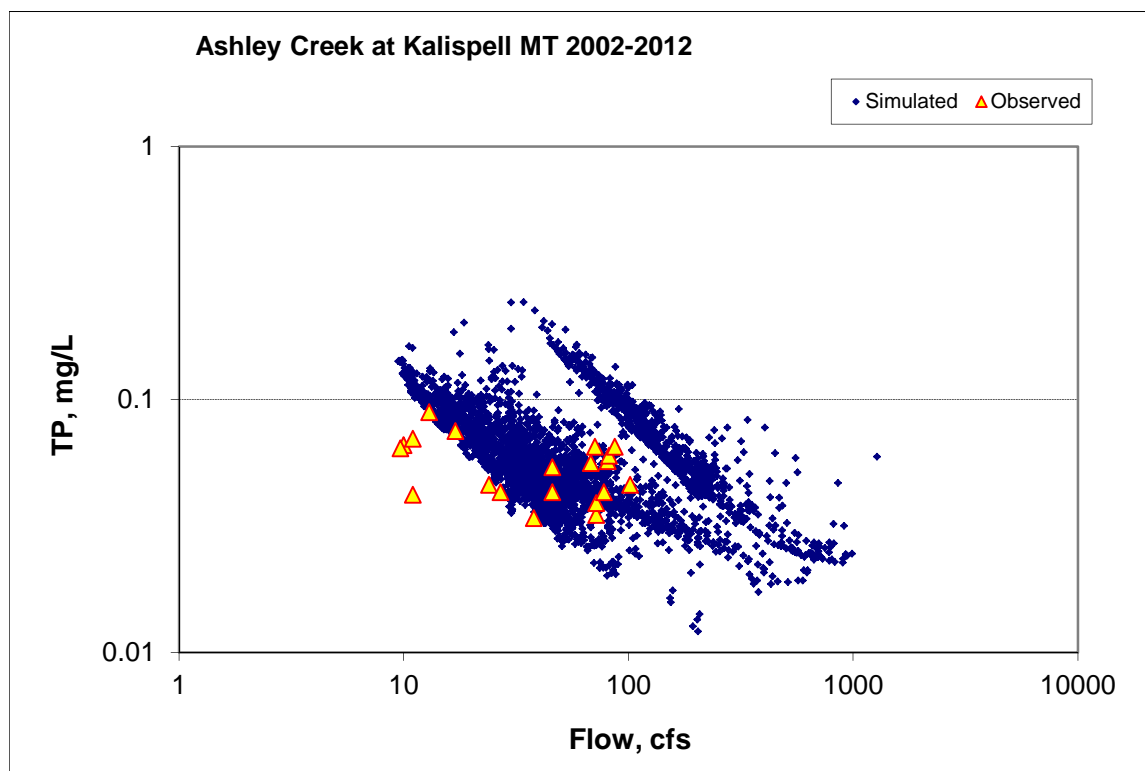


Figure H-120. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12367800 Ashley Creek at Kalispell MT



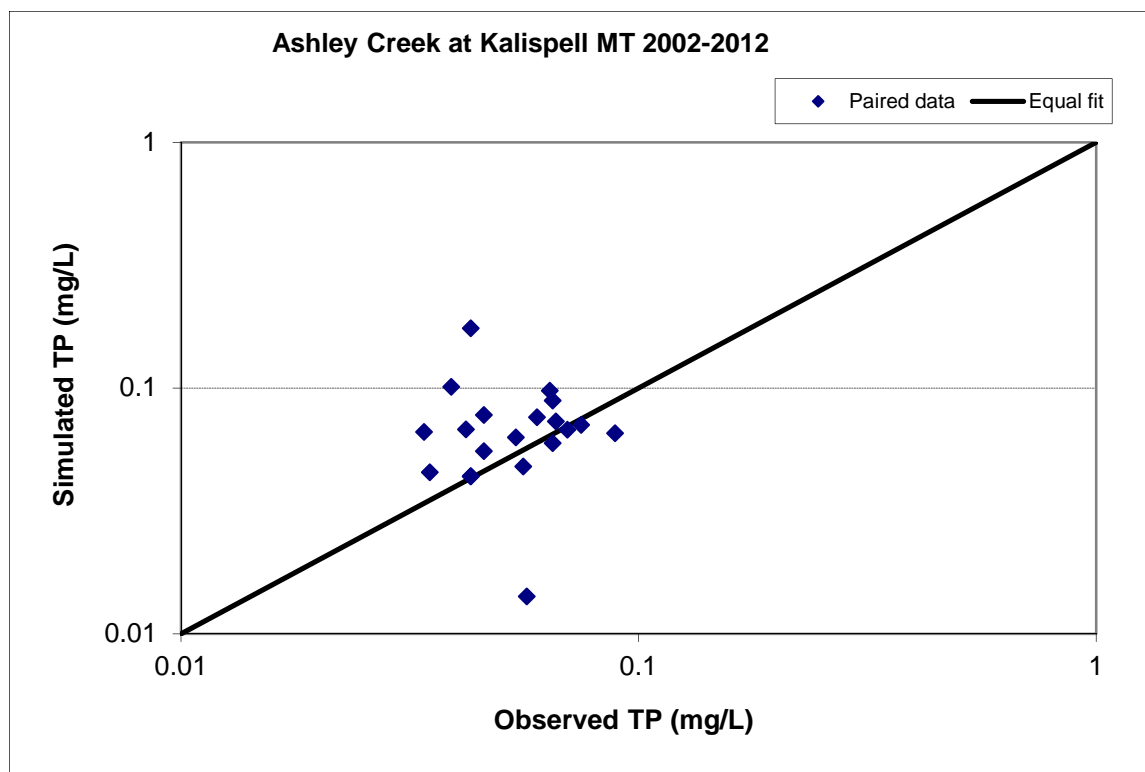


Figure H-121. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12367800 Ashley Creek at Kalispell MT

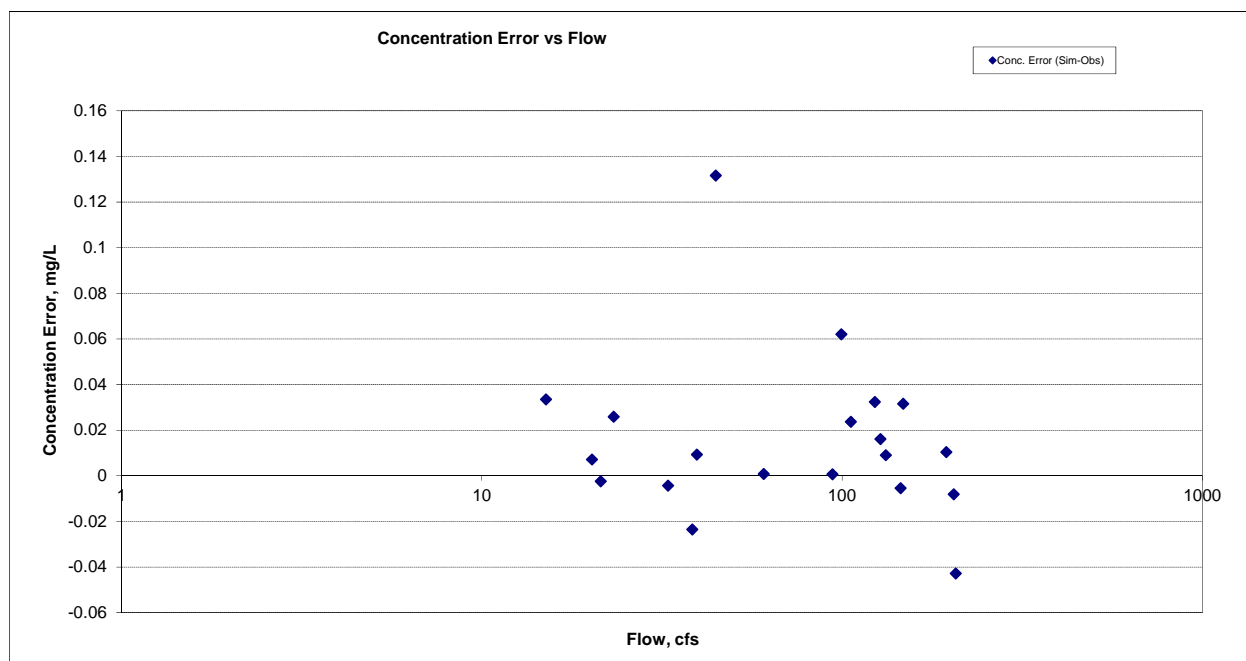


Figure H-122. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12367800 Ashley Creek at Kalispell MT

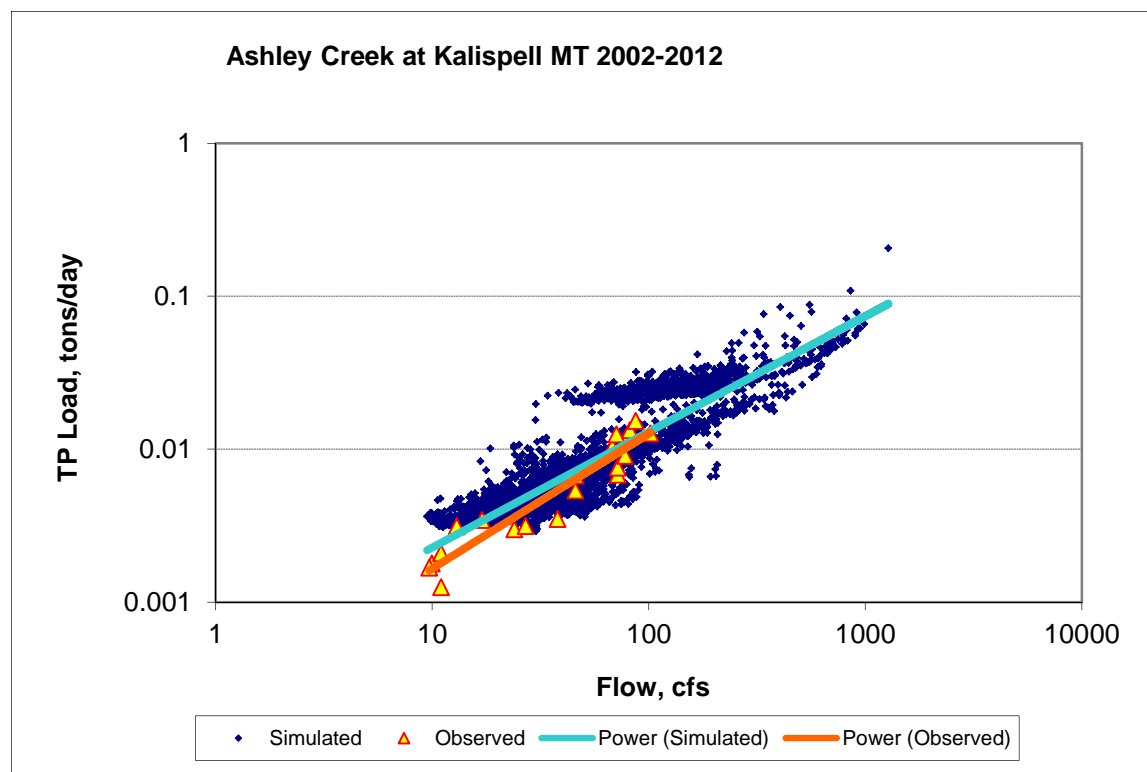


Figure H-123. Calibration Observed and Modeled TP Load vs. Flow Regression, 12367800 Ashley Creek at Kalispell MT

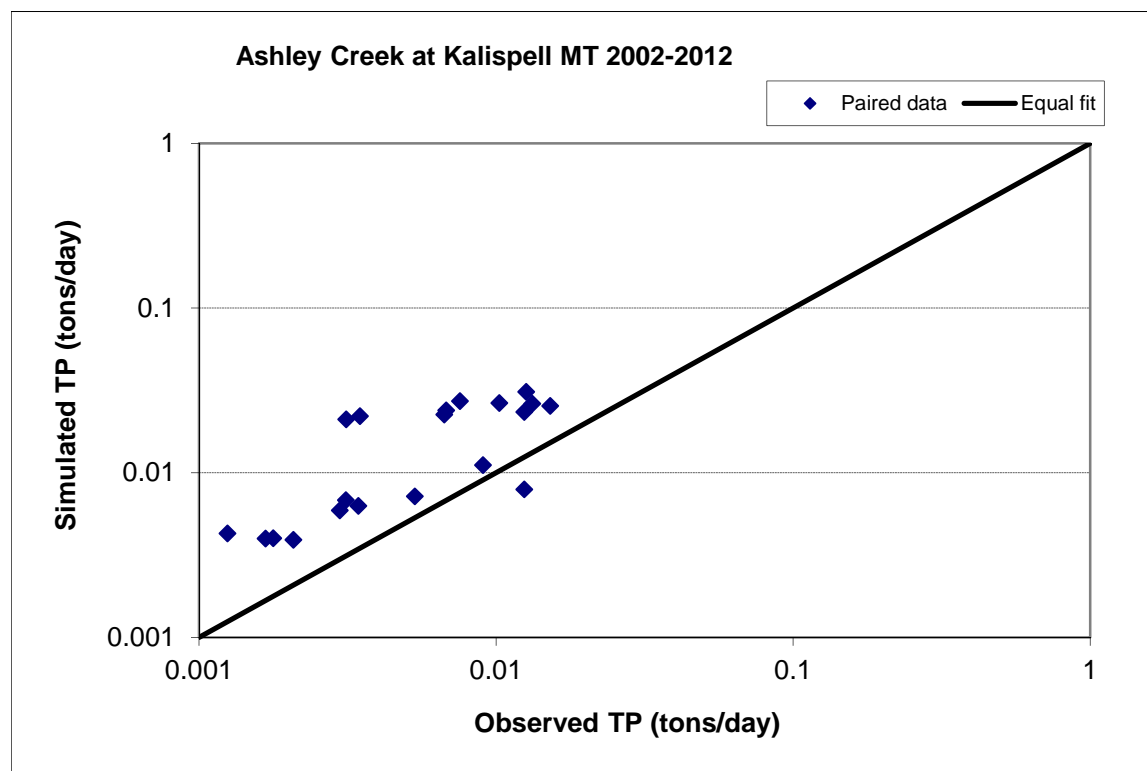


Figure H-124. Calibration Observed and Modeled TP Daily Paired Load Regression, 12367800 Ashley Creek at Kalispell MT

## **H-7.    FLATHEAD RIVER AT COLUMBIA FALLS MT (12363000)**

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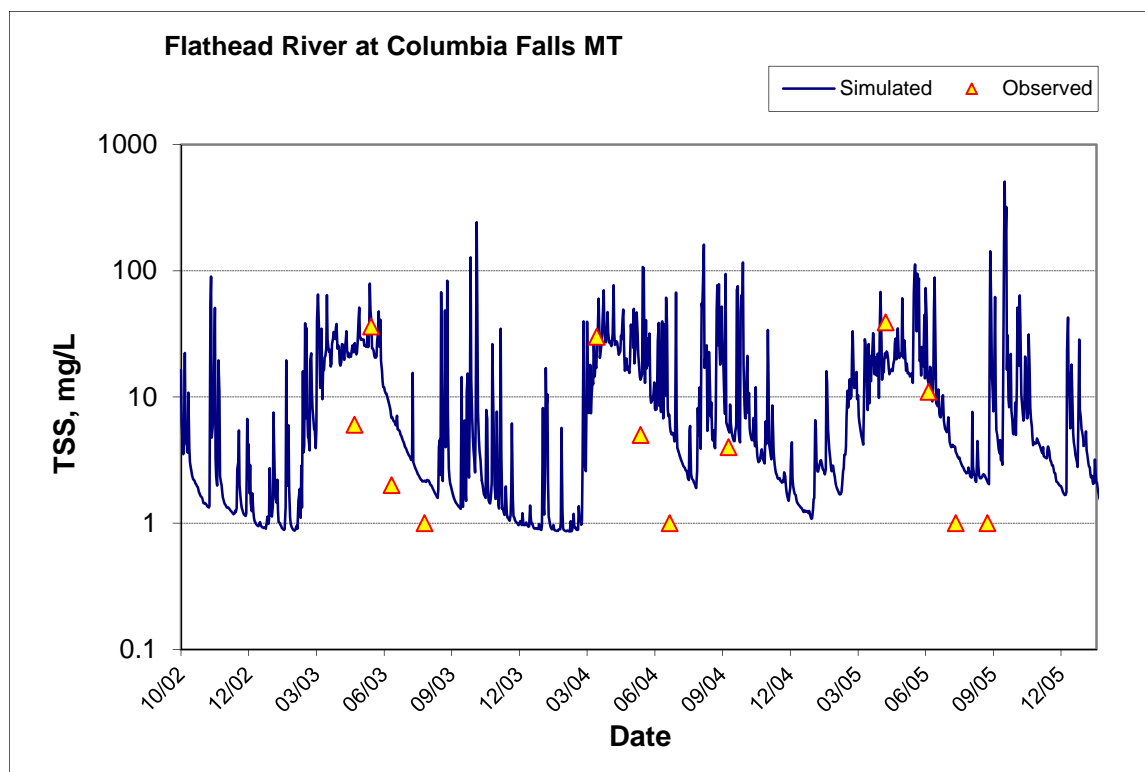


Figure H-125. Calibration Observed and Modeled TSS Time series Oct. 2002 through Jan. 2006, 12363000 Flathead River at Columbia Falls MT

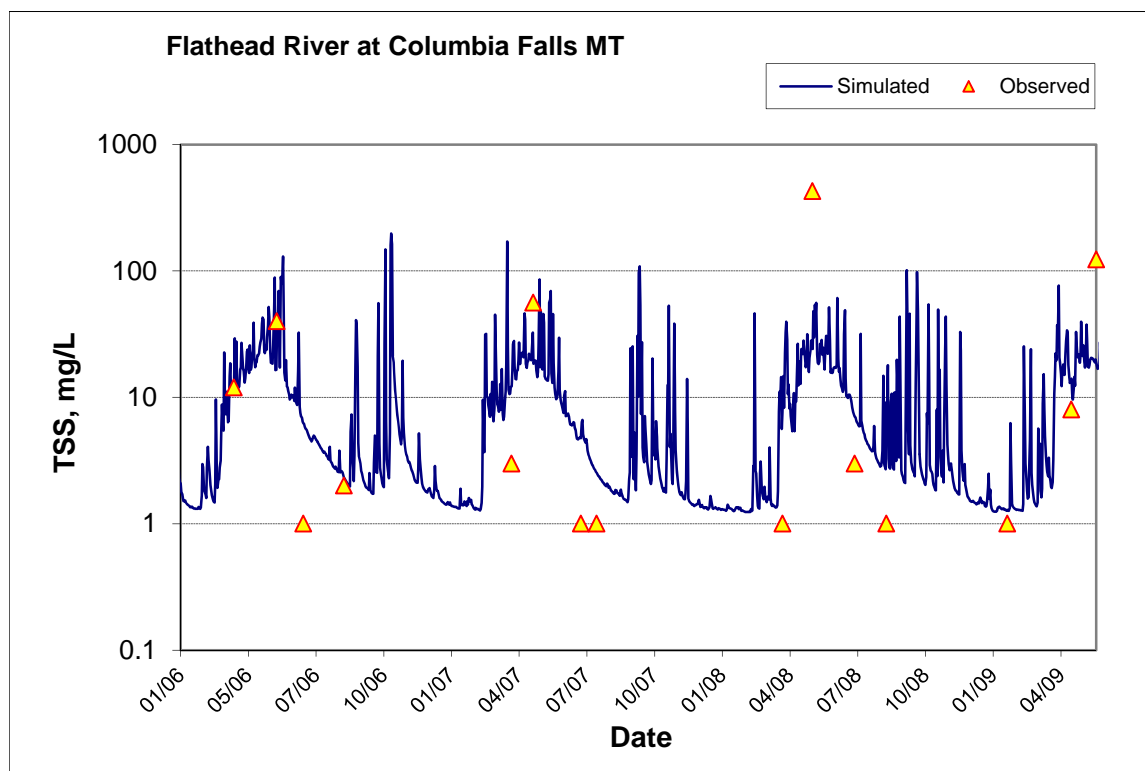


Figure H-126. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, 12363000 Flathead River at Columbia Falls MT

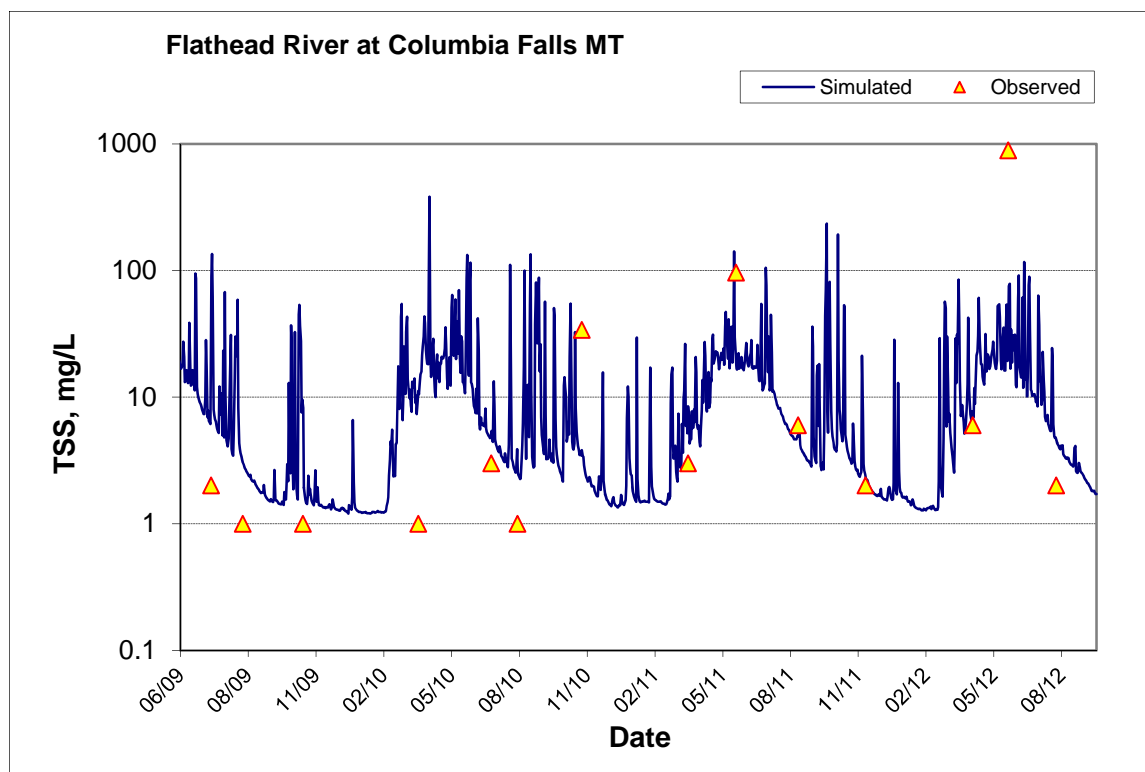


Figure H-127. Calibration Observed and Modeled TSS Time series June 2009 through Sept. 2012, 12363000 Flathead River at Columbia Falls MT

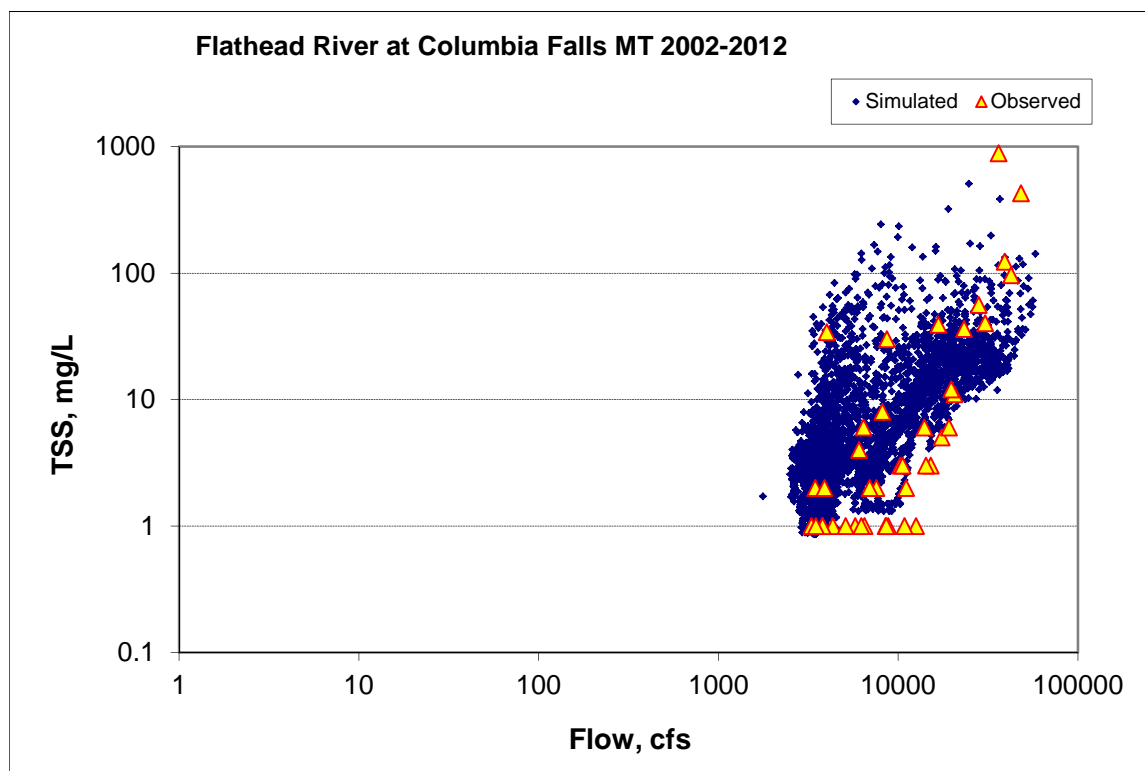


Figure H-128. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12363000 Flathead River at Columbia Falls MT

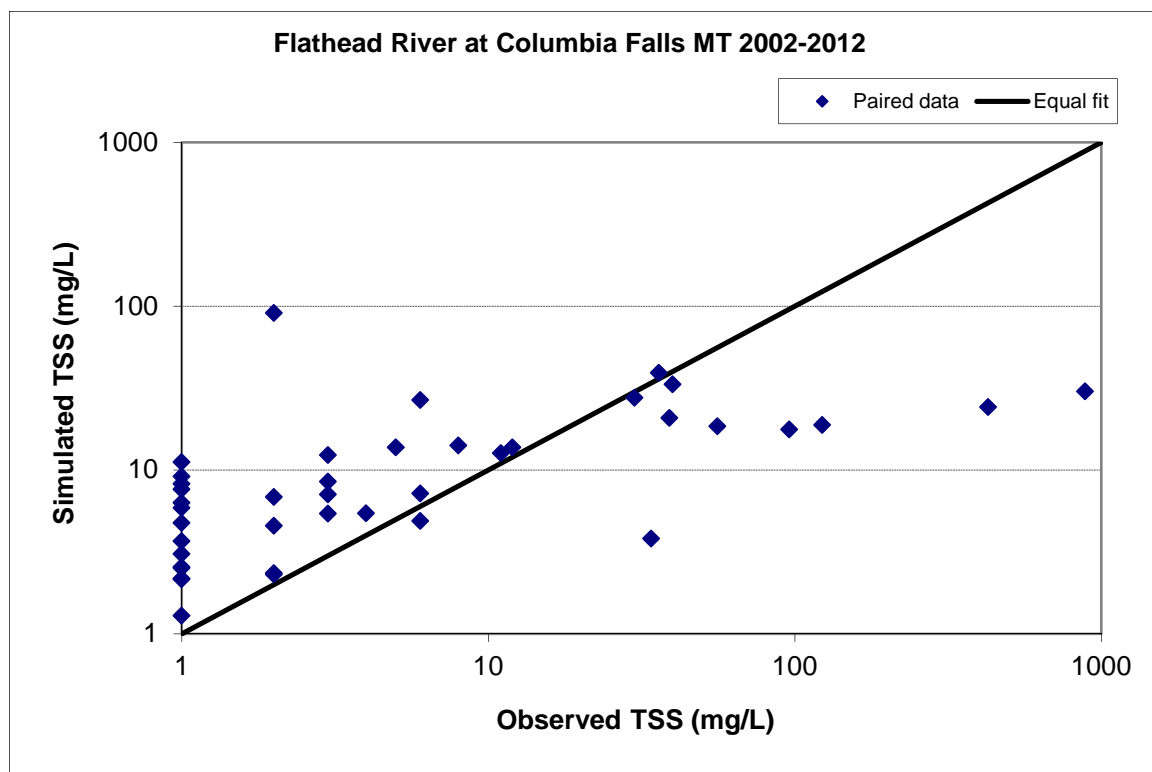


Figure H-129. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12363000 Flathead River at Columbia Falls MT

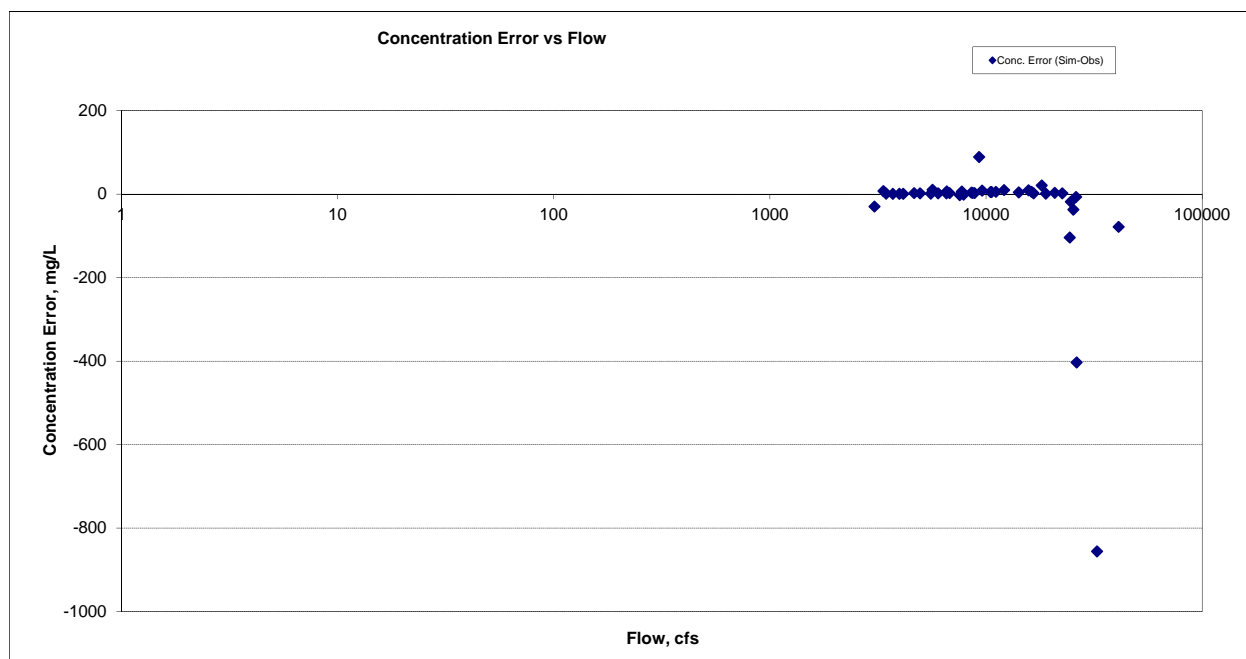
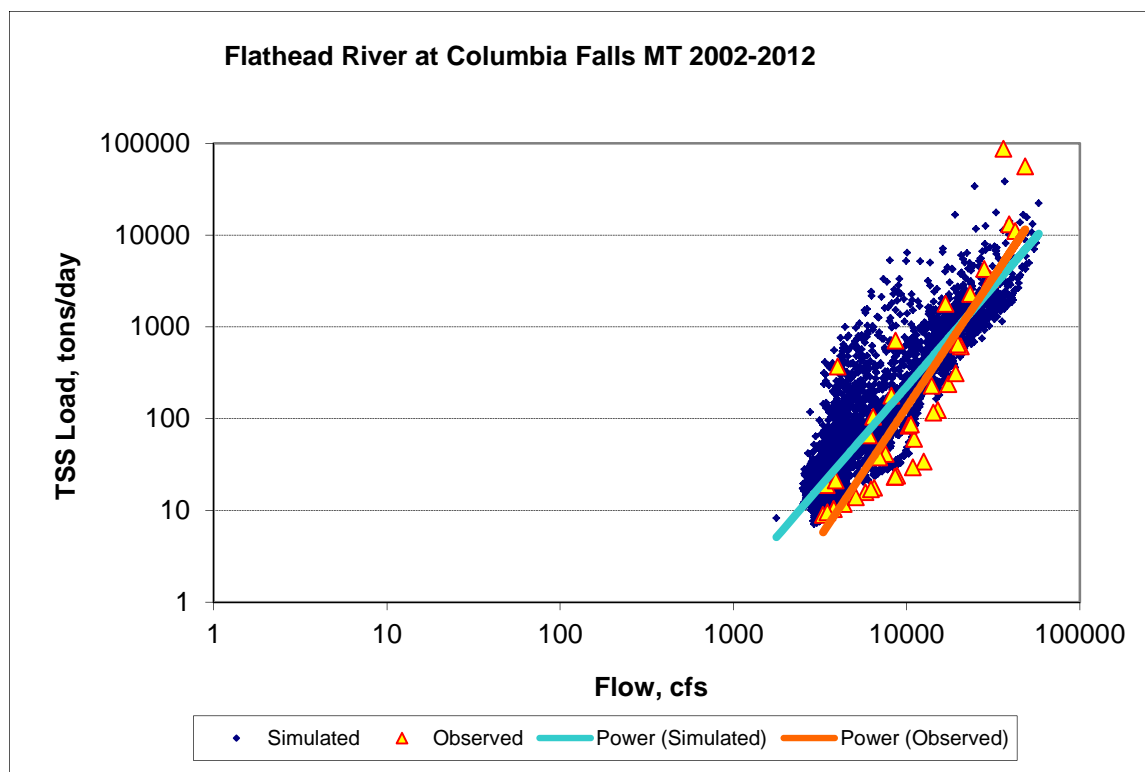
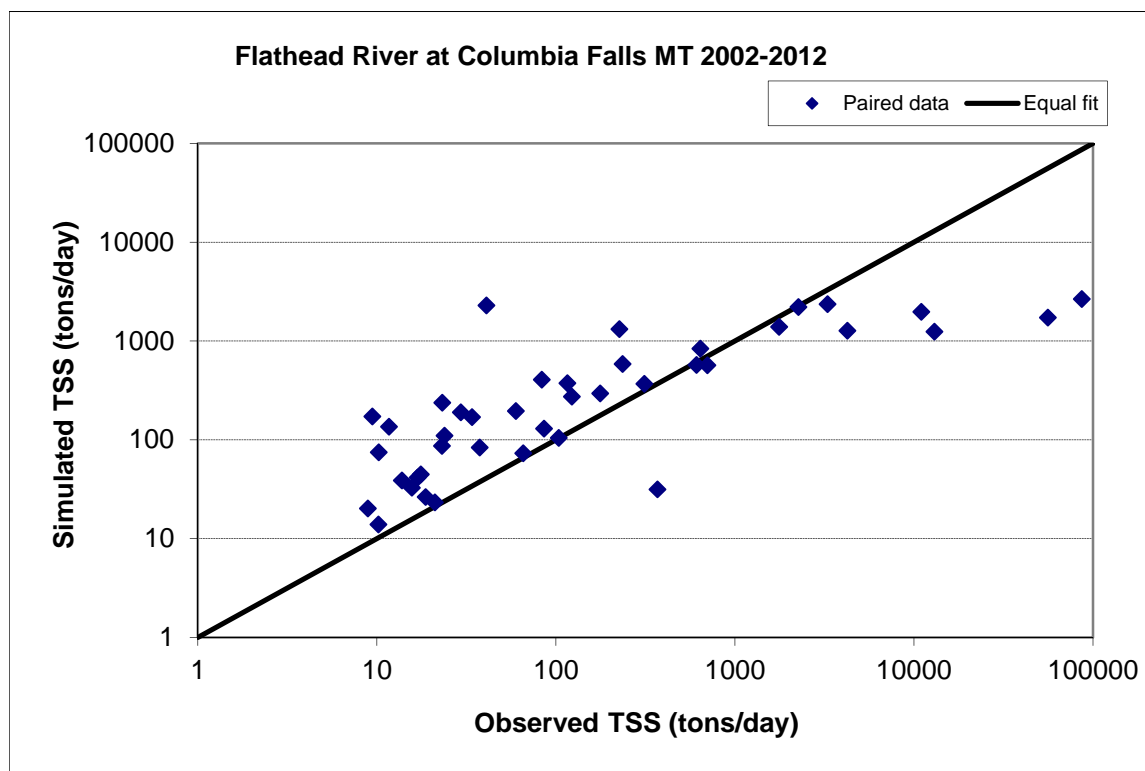


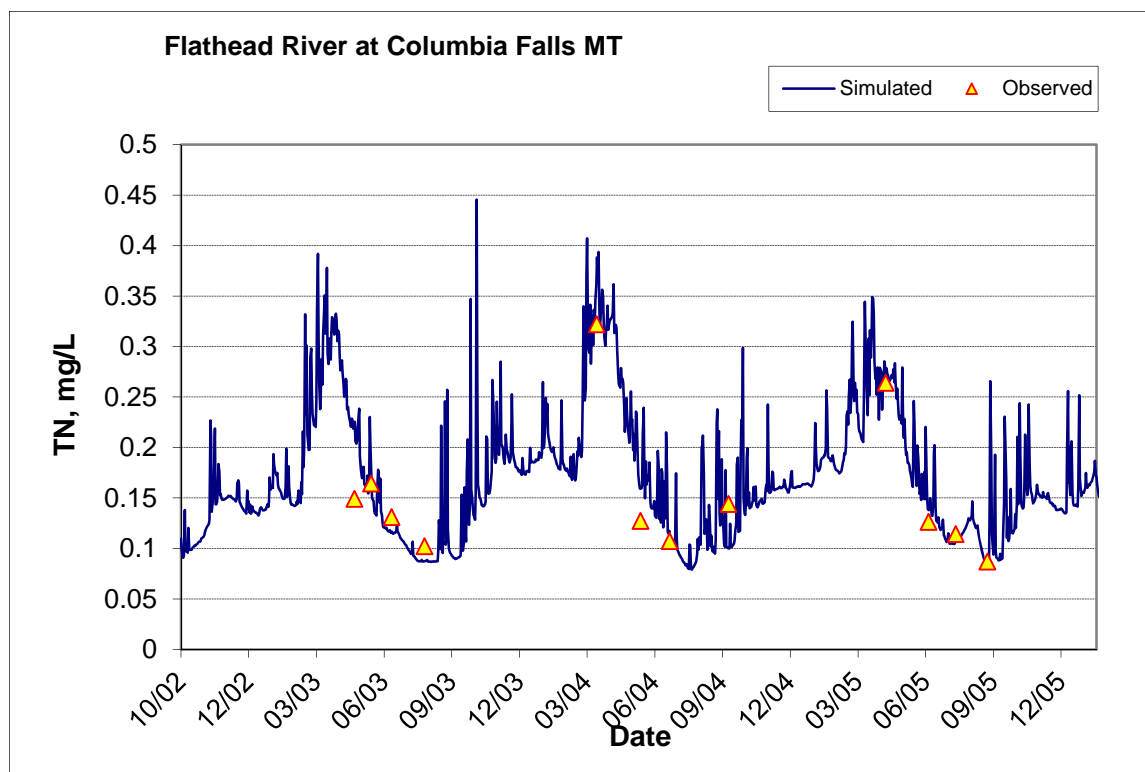
Figure H-130. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12363000 Flathead River at Columbia Falls MT



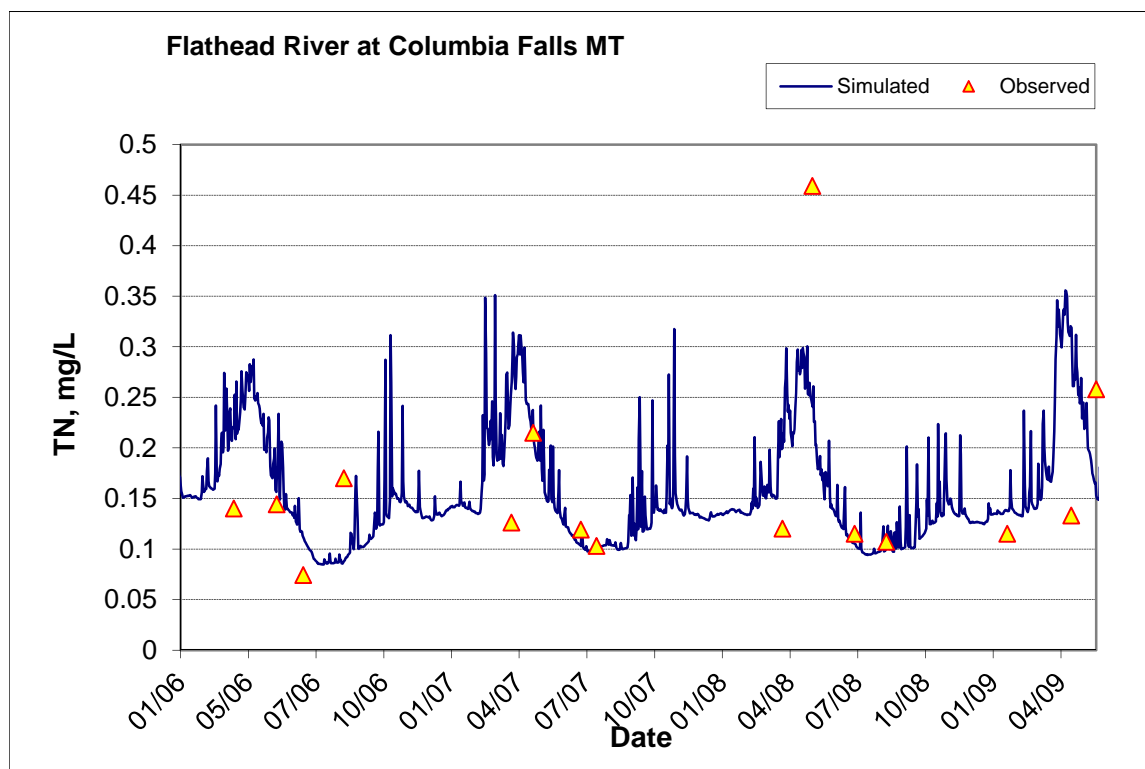
**Figure H-131. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12363000 Flathead River at Columbia Falls MT**



**Figure H-132. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12363000 Flathead River at Columbia Falls MT**

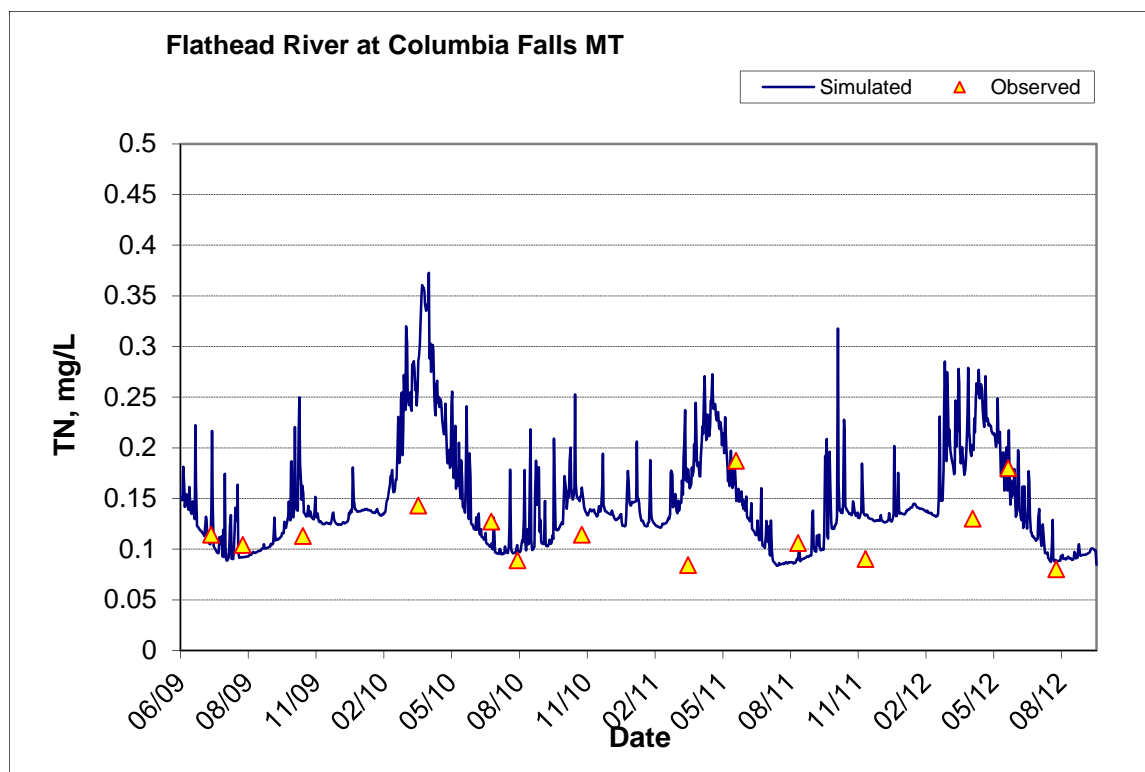


**Figure H-133. Calibration Observed and Modeled TN Time series Oct.2002 through Jan.2006, 12363000 Flathead River at Columbia Falls MT**

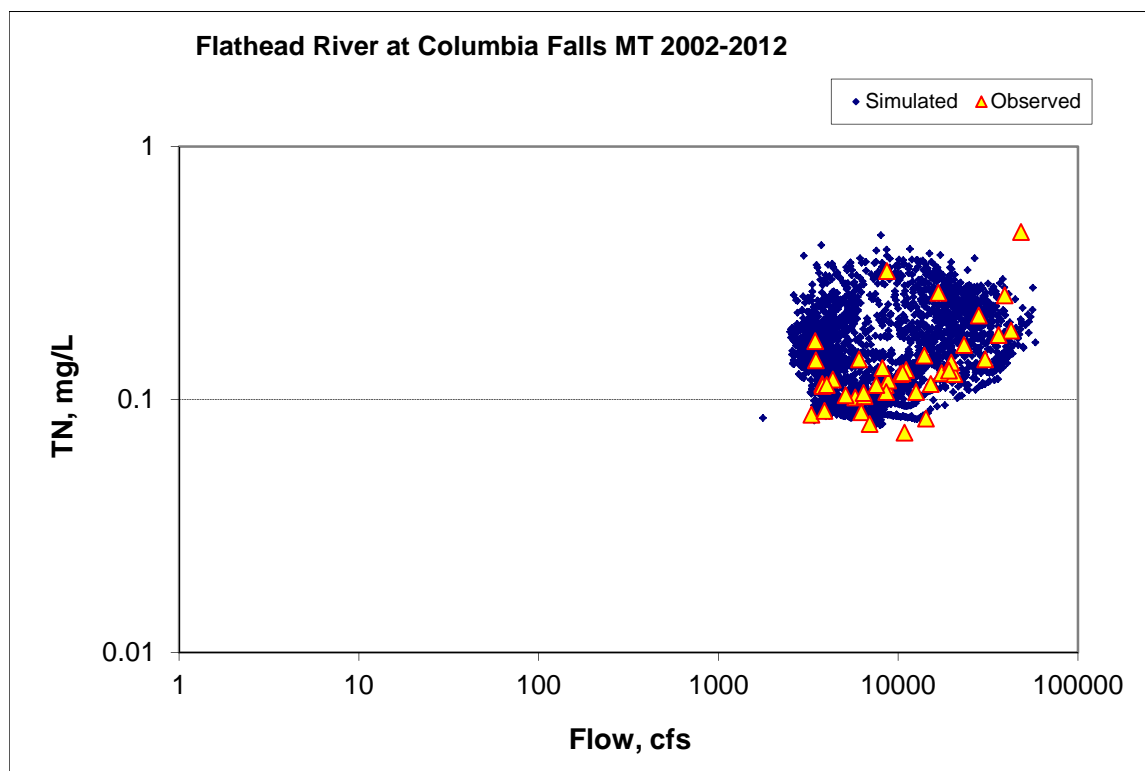


**Figure H-134. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12363000 Flathead River at Columbia Falls MT**





**Figure H-135. Calibration Observed and Modeled TN Time series June 2009 through Sept.2012, 12363000 Flathead River at Columbia Falls MT**



**Figure H-136. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12363000 Flathead River at Columbia Falls MT**

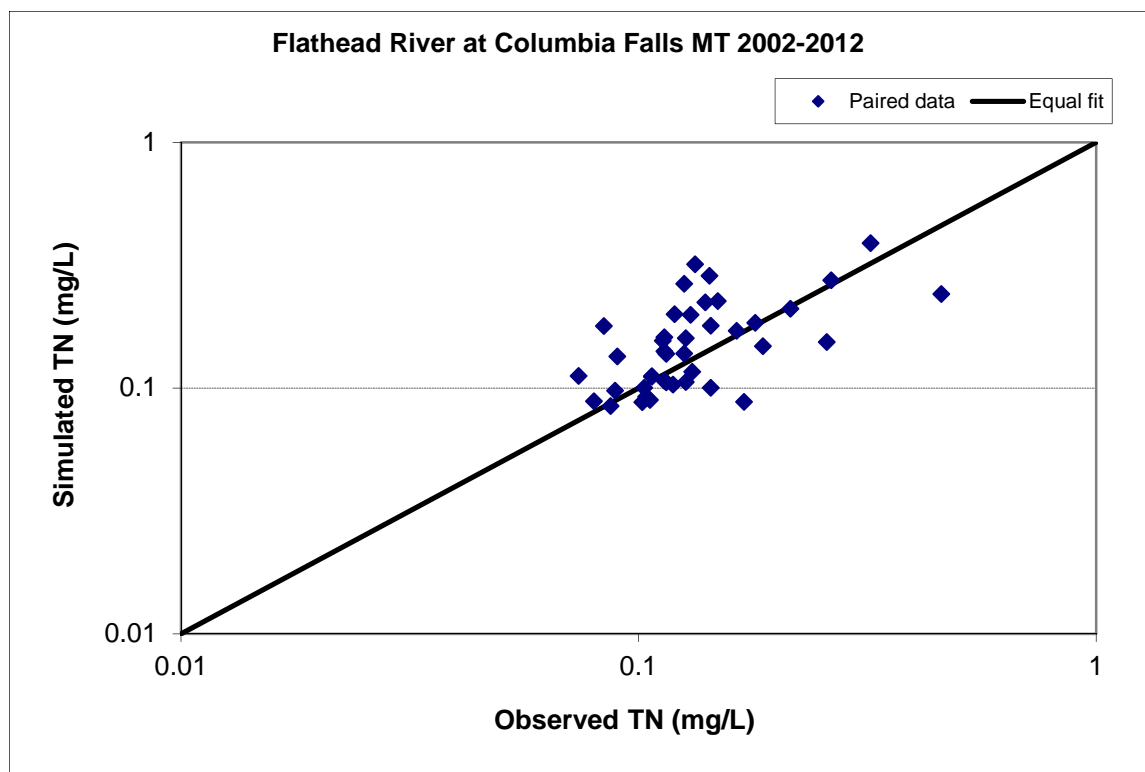


Figure H-137. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12363000 Flathead River at Columbia Falls MT

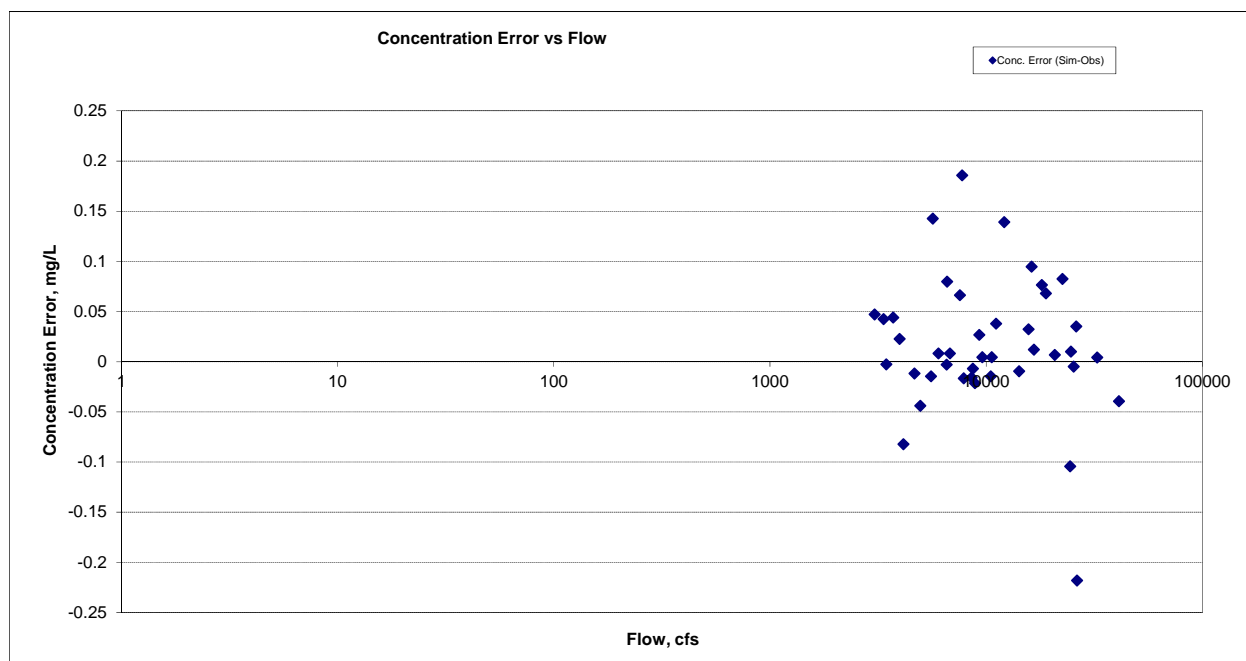
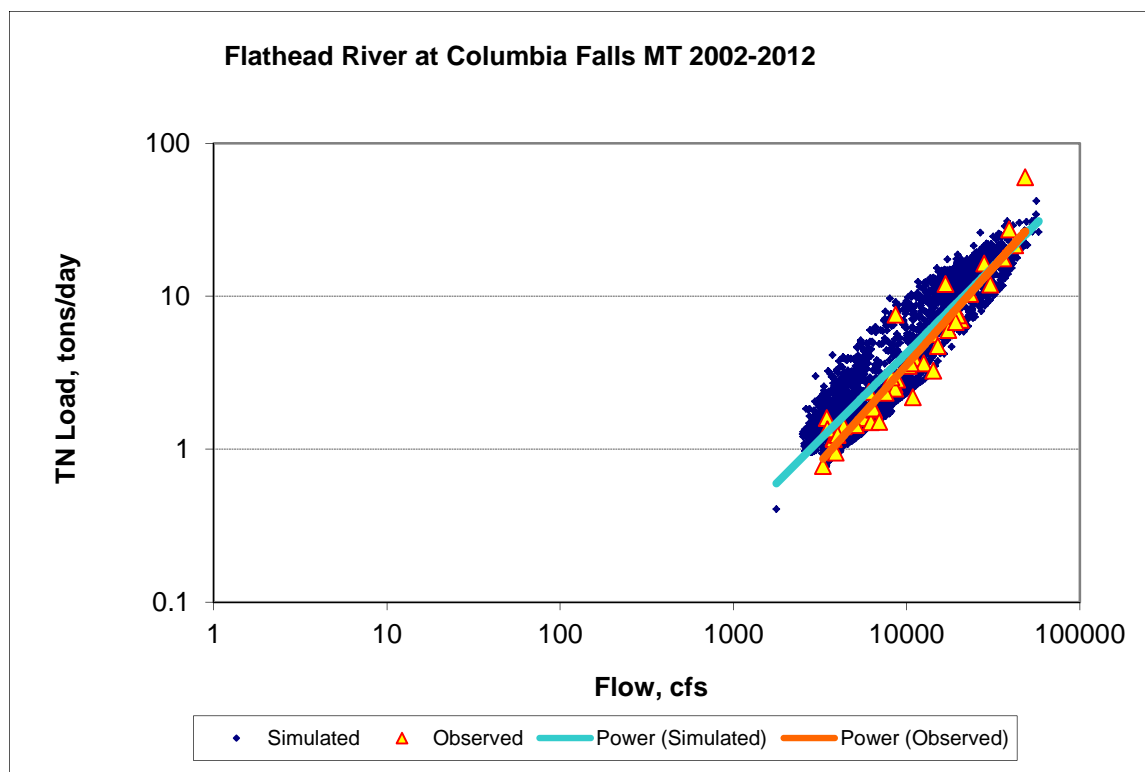
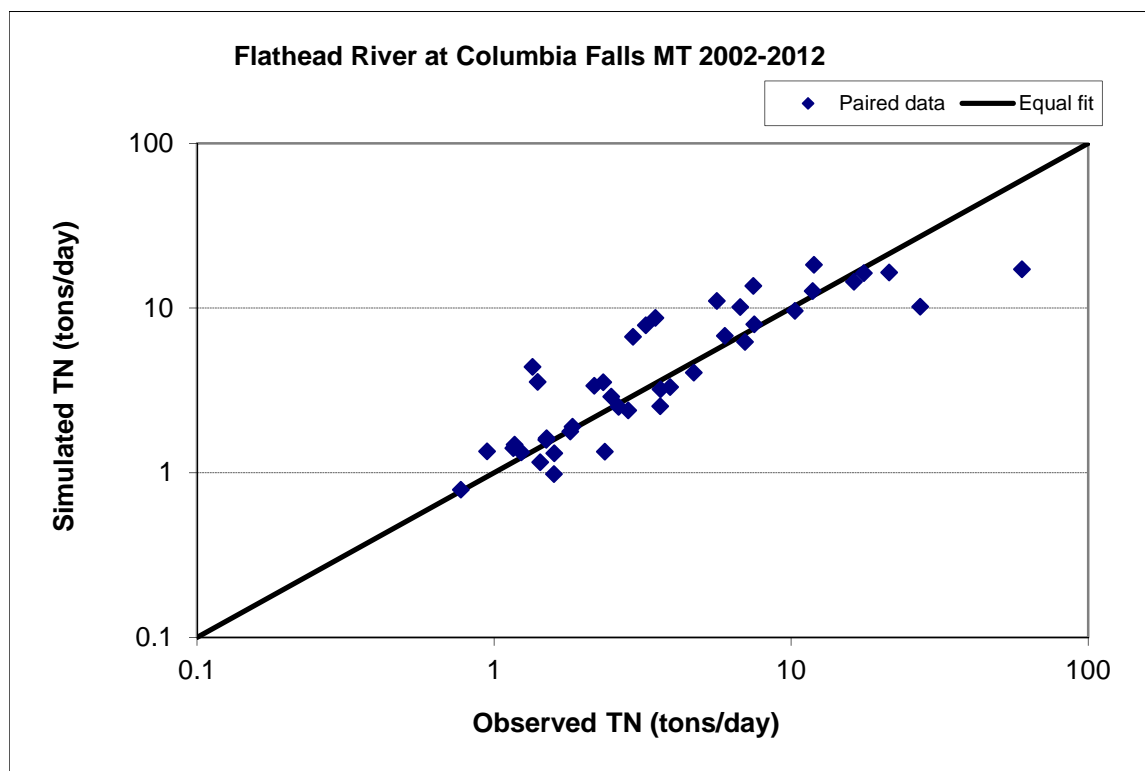


Figure H-138. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12363000 Flathead River at Columbia Falls MT



**Figure H-139. Calibration Observed and Modeled TN Load vs. Flow Regression, 12363000 Flathead River at Columbia Falls MT**



**Figure H-140. Calibration Observed and Modeled TN Daily Paired Load Regression, 12363000 Flathead River at Columbia Falls MT**

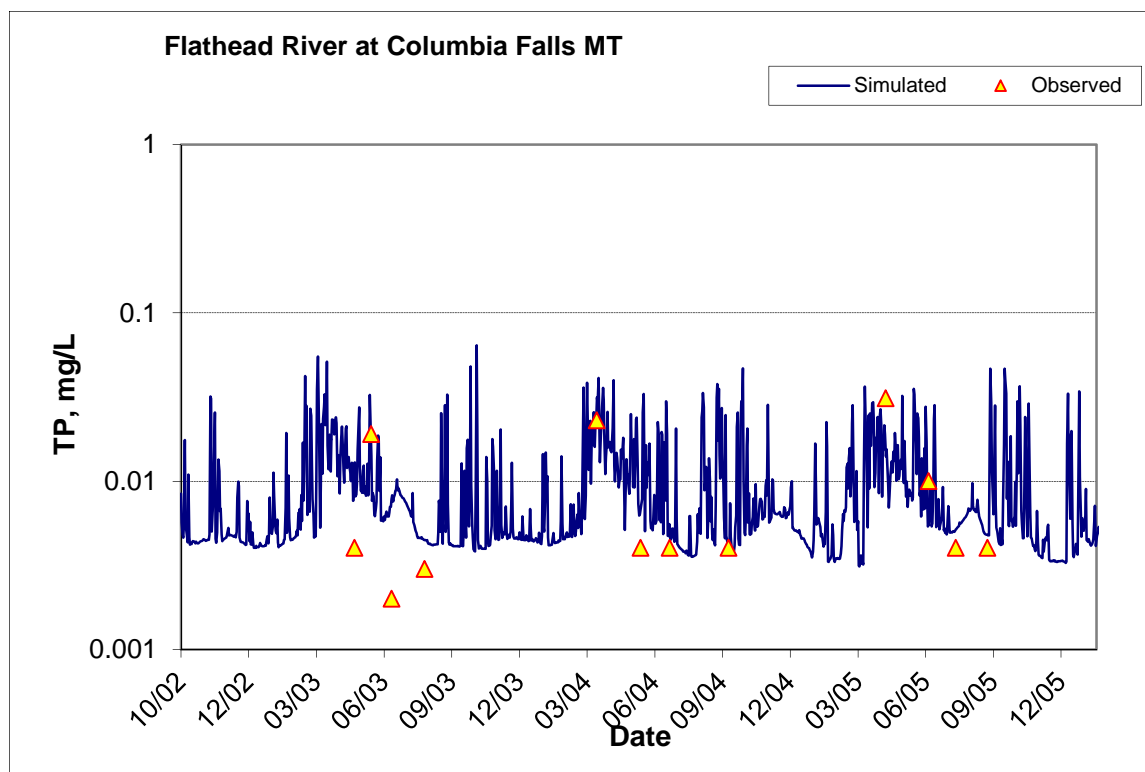


Figure H-141. Calibration Observed and Modeled TP Time series Oct. 2002 through Jan. 2006, 12363000 Flathead River at Columbia Falls MT

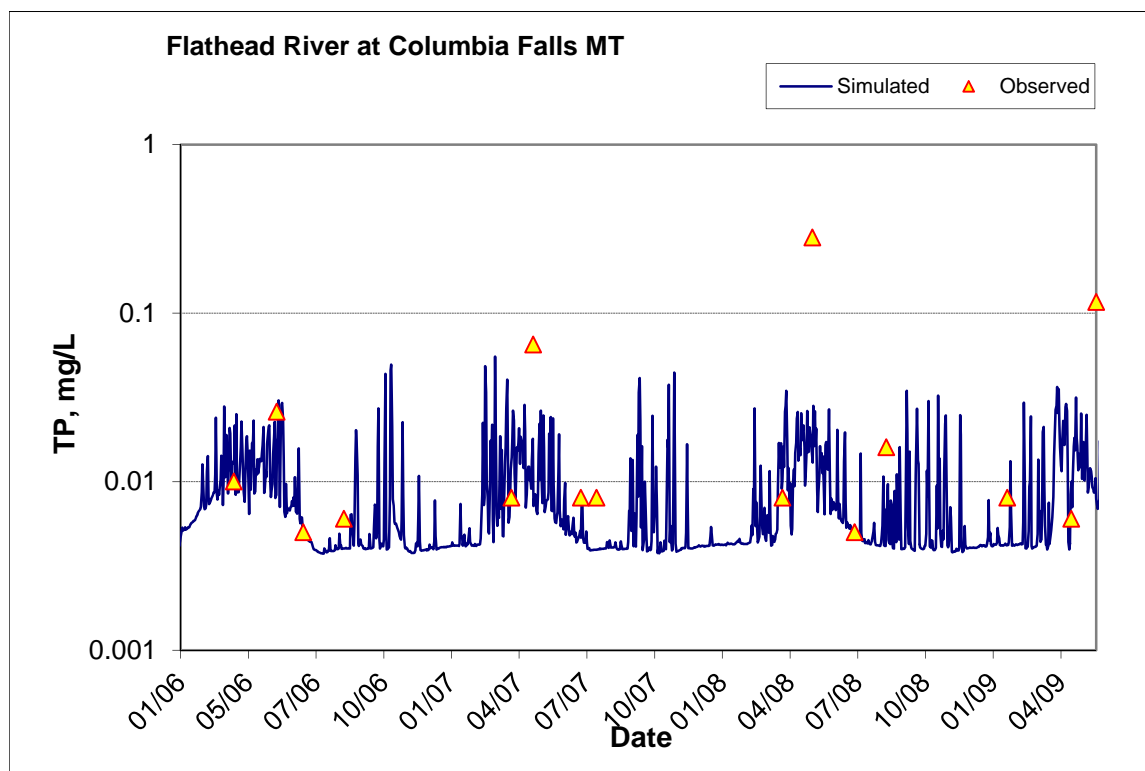


Figure H-142. Calibration Observed and Modeled TP Time series Feb. 2006 through May 2009, 12363000 Flathead River at Columbia Falls MT

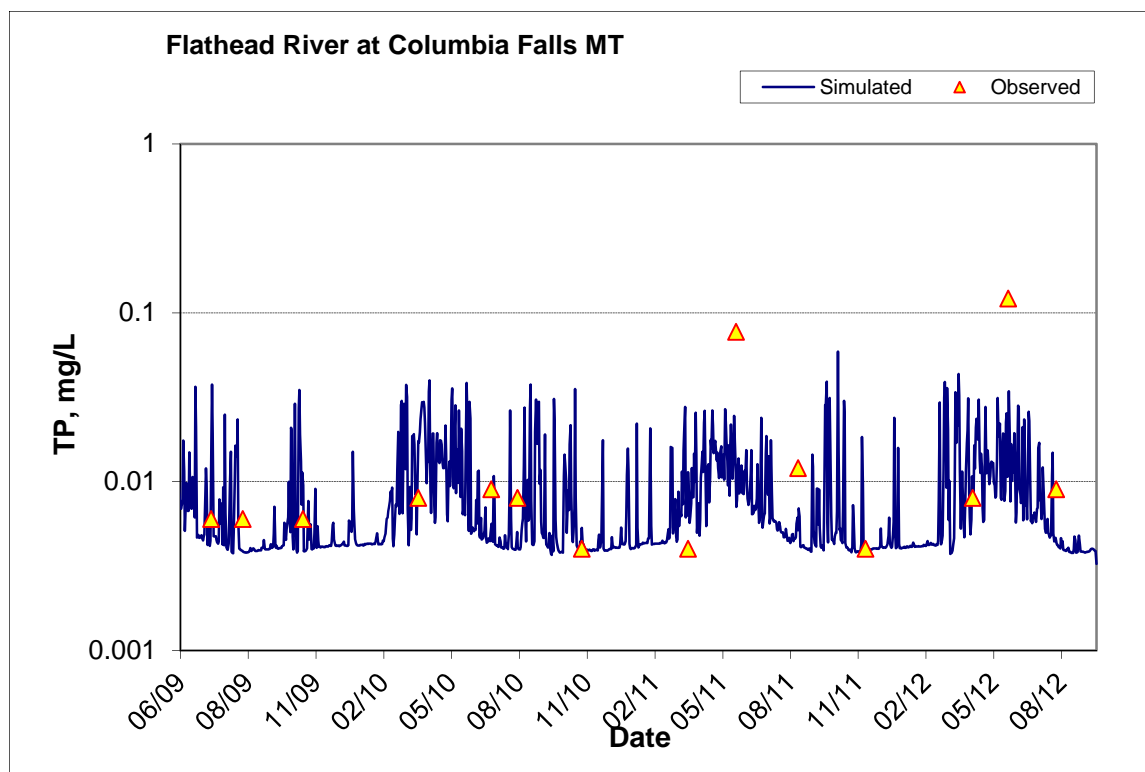


Figure H-143. Calibration Observed and Modeled TP Time series June 2009 through Sept. 2012, 12363000 Flathead River at Columbia Falls MT

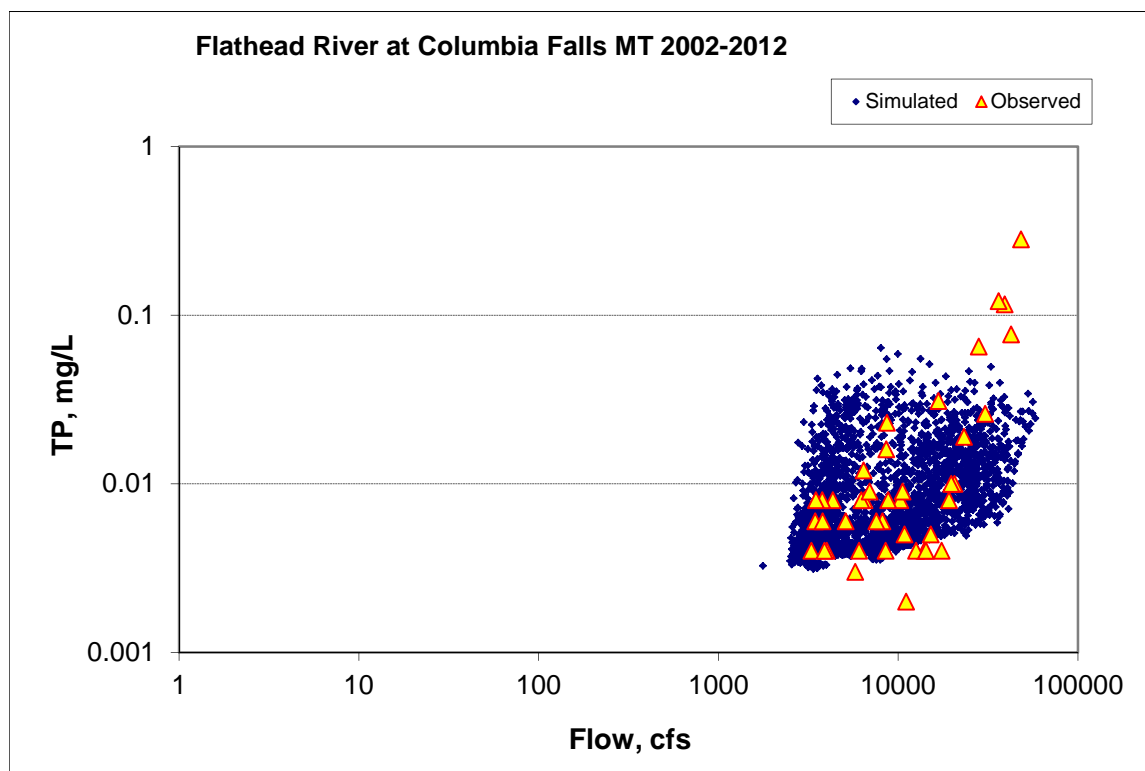


Figure H-144. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12363000 Flathead River at Columbia Falls MT

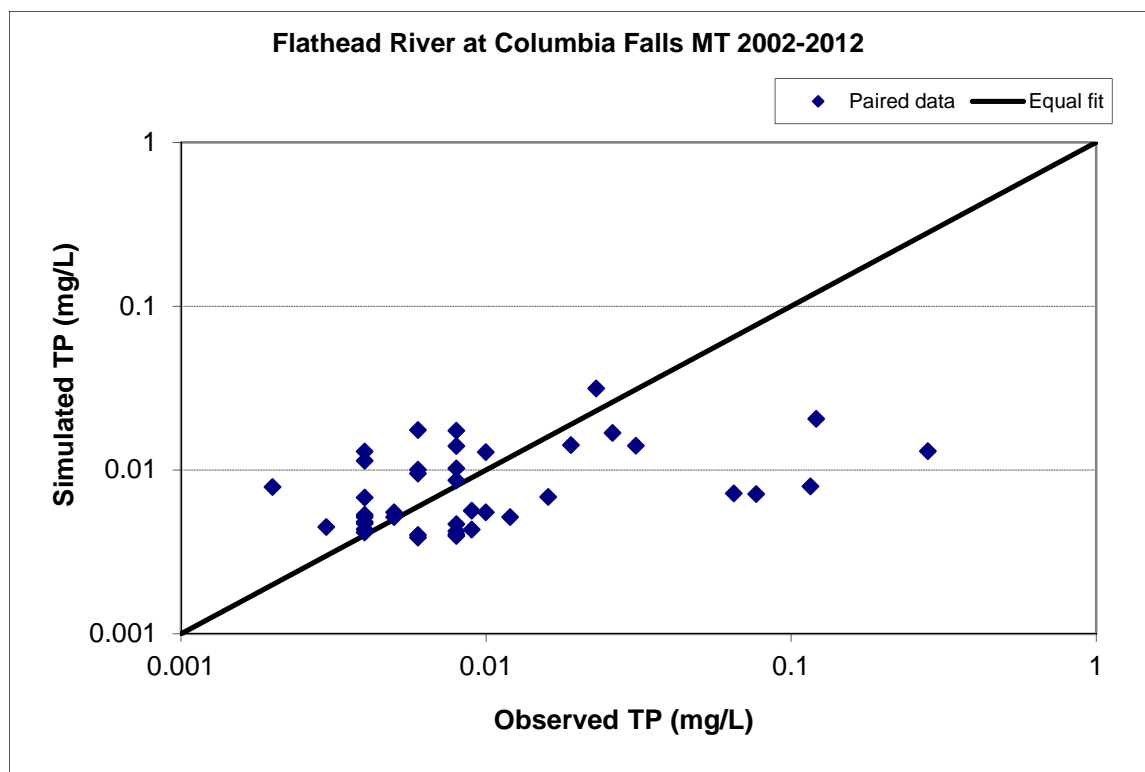


Figure H-145. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12363000 Flathead River at Columbia Falls MT

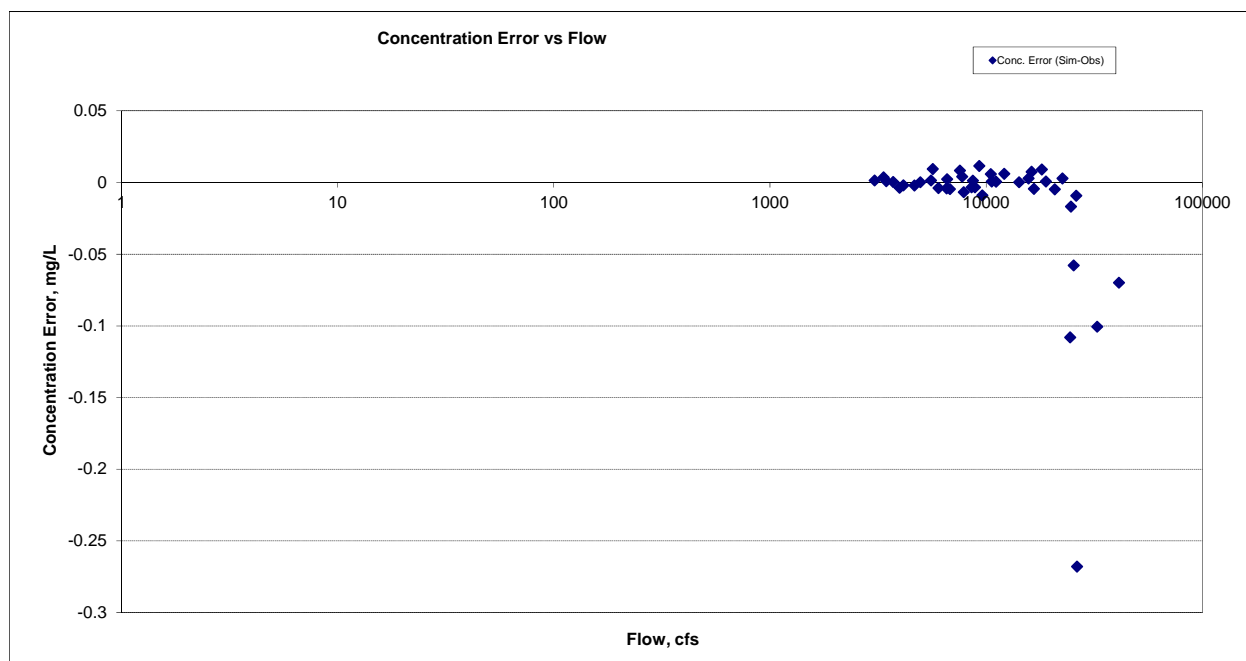
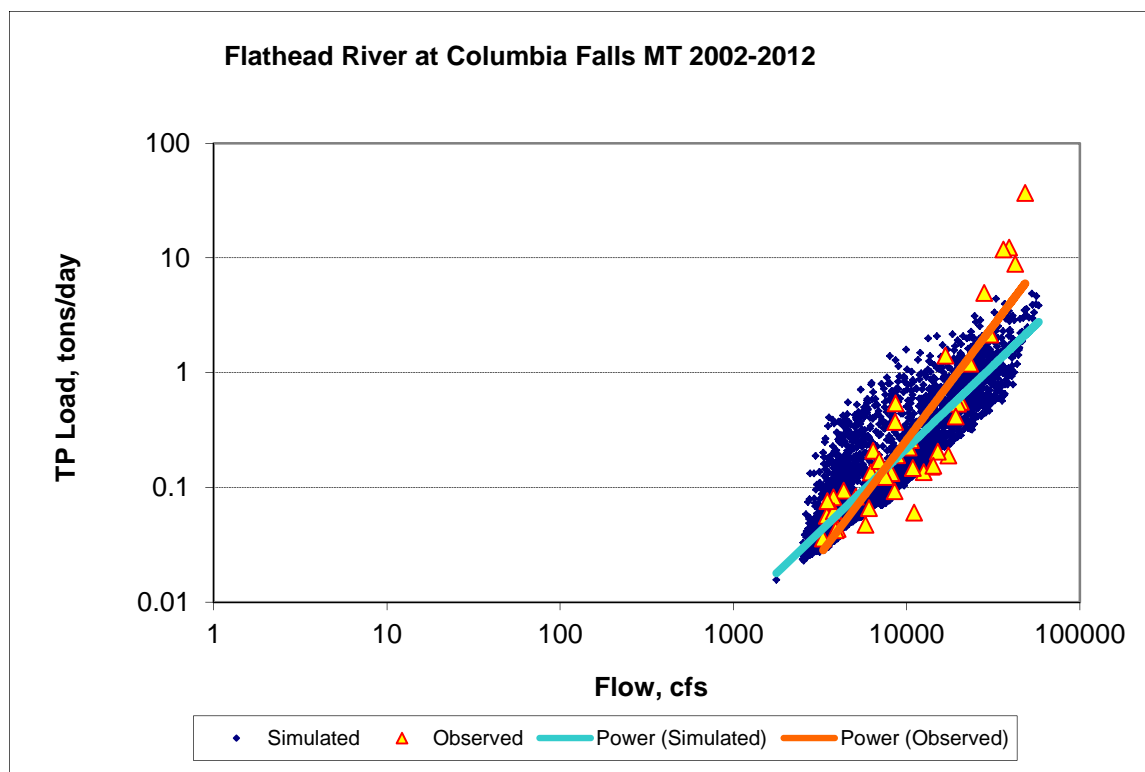
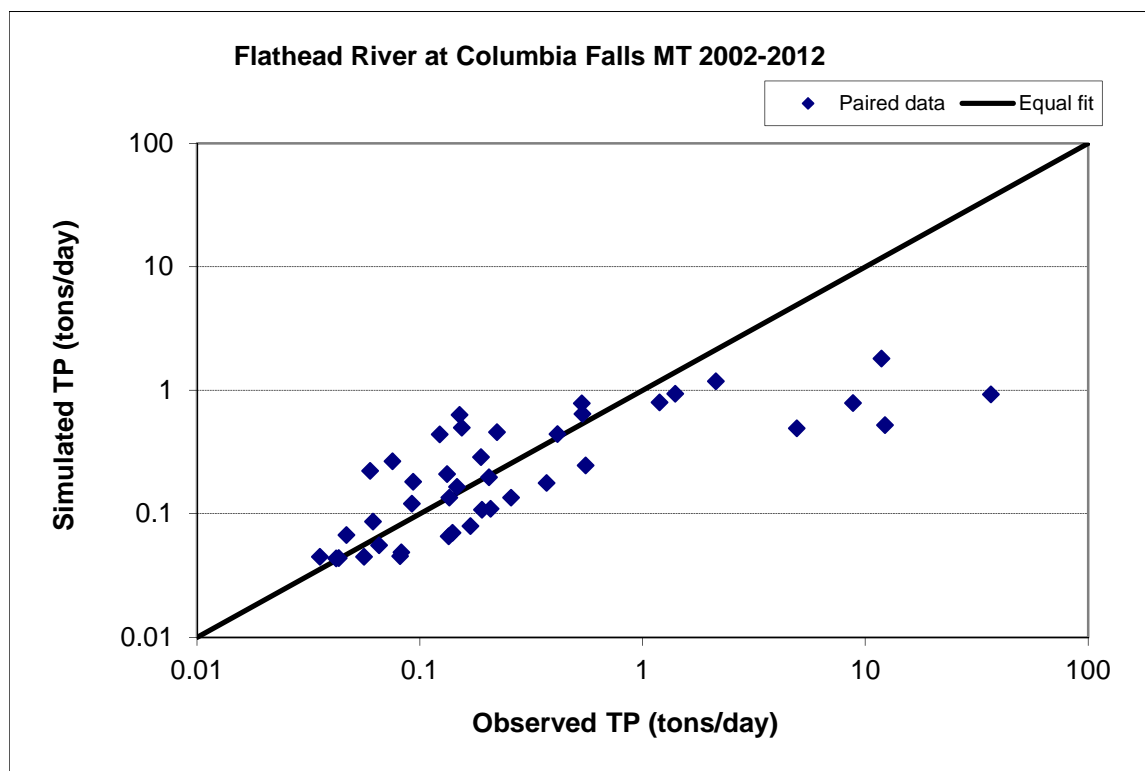


Figure H-146. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12363000 Flathead River at Columbia Falls MT



**Figure H-147. Calibration Observed and Modeled TP Load vs. Flow Regression, 12363000 Flathead River at Columbia Falls MT**



**Figure H-148. Calibration Observed and Modeled TP Daily Paired Load Regression, 12363000 Flathead River at Columbia Falls MT**

## **H-8.    FLATHEAD RIVER NEAR BIGFORK MT (12369000)**

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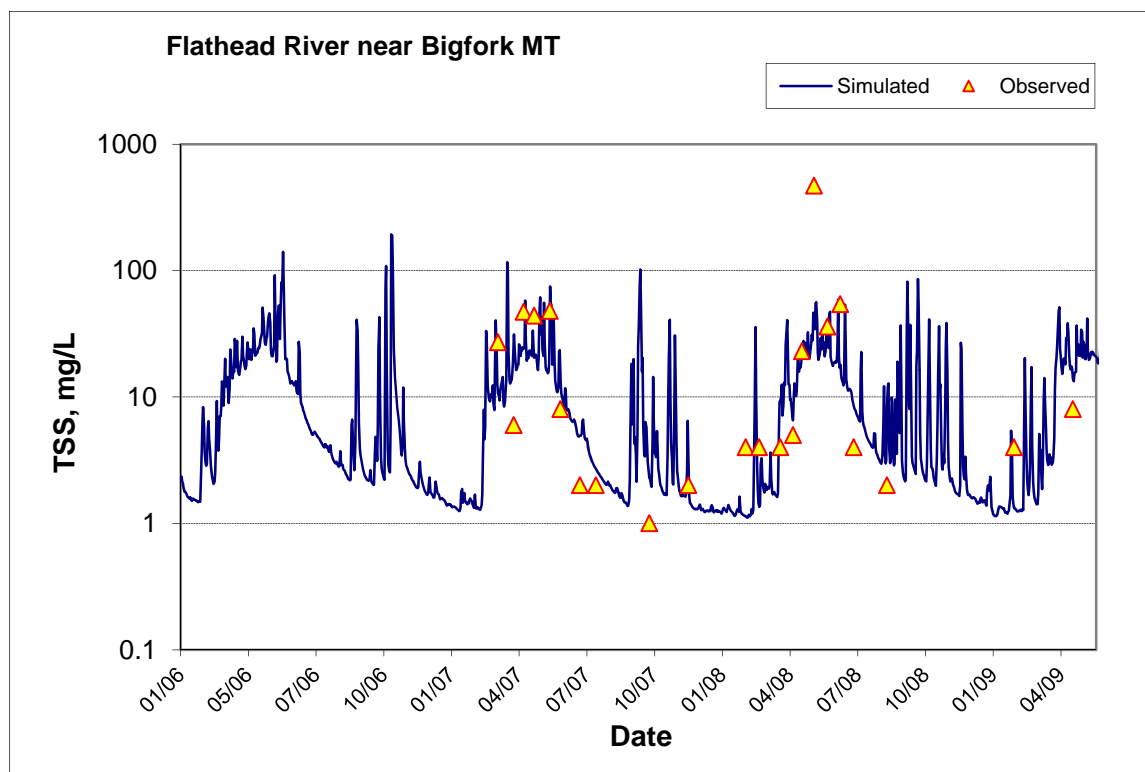


Figure H-149. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, 12369000 Flathead River near Bigfork MT

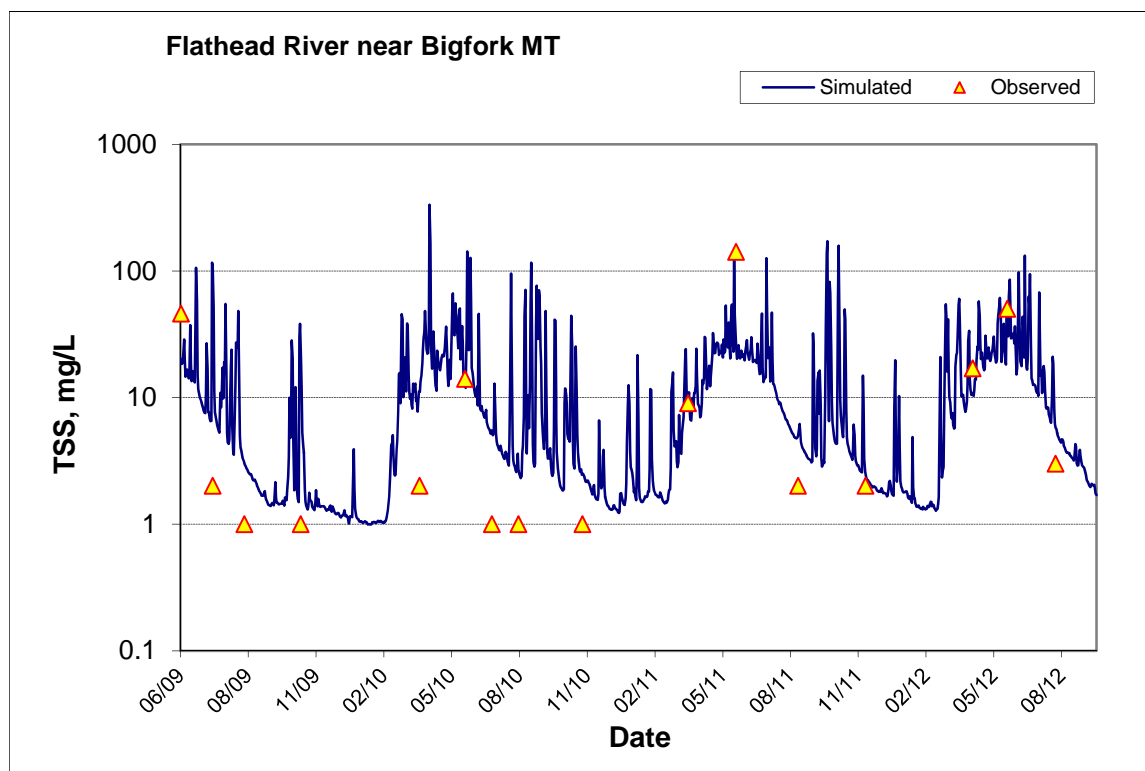


Figure H-150. Calibration Observed and Modeled TSS Time series June 2009 through Sept. 2012, 12369000 Flathead River near Bigfork MT

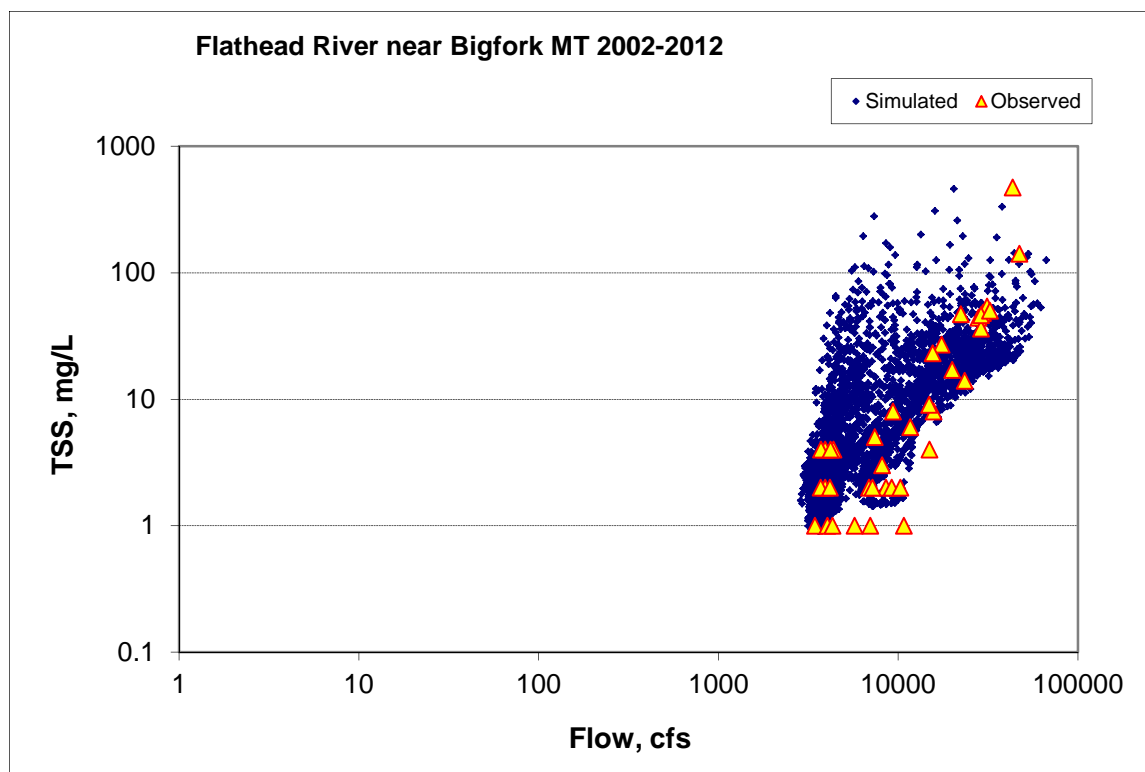


Figure H-151. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12369000 Flathead River near Bigfork MT

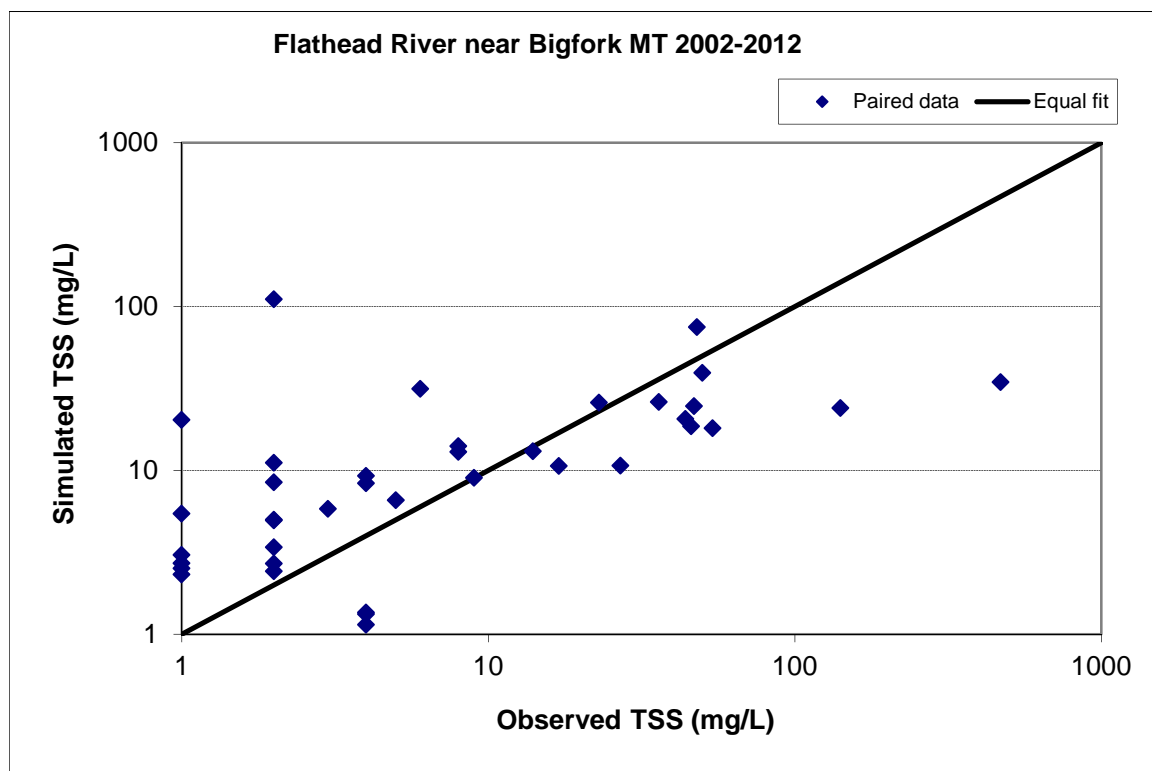
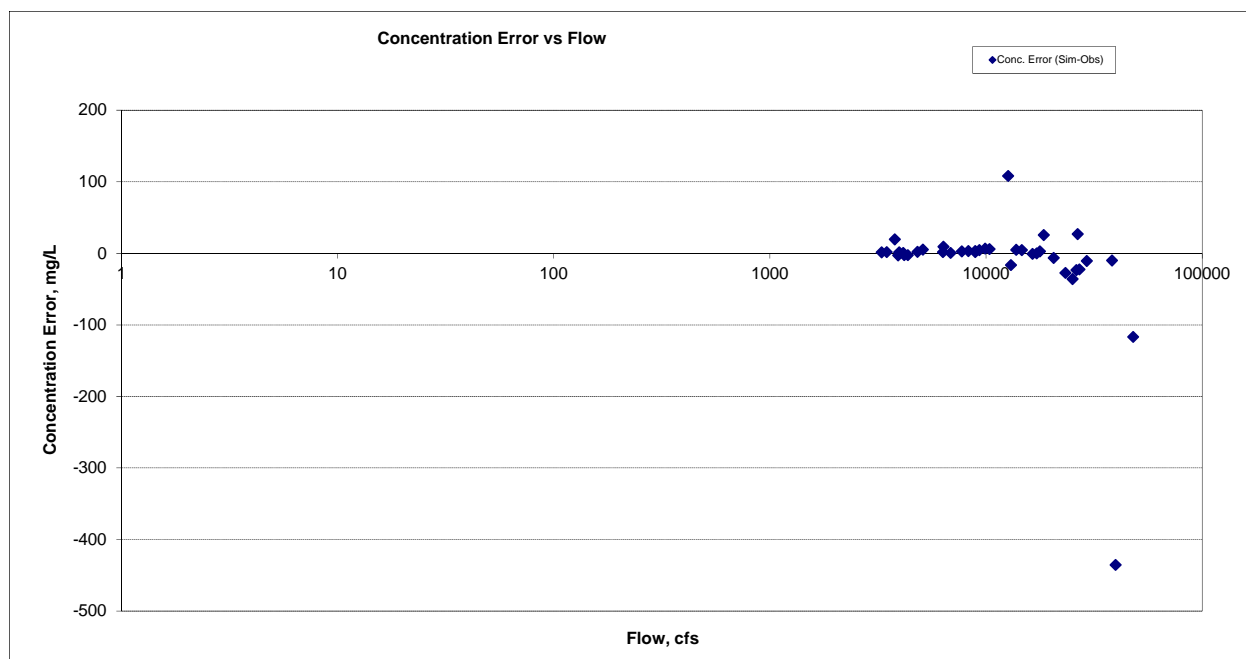
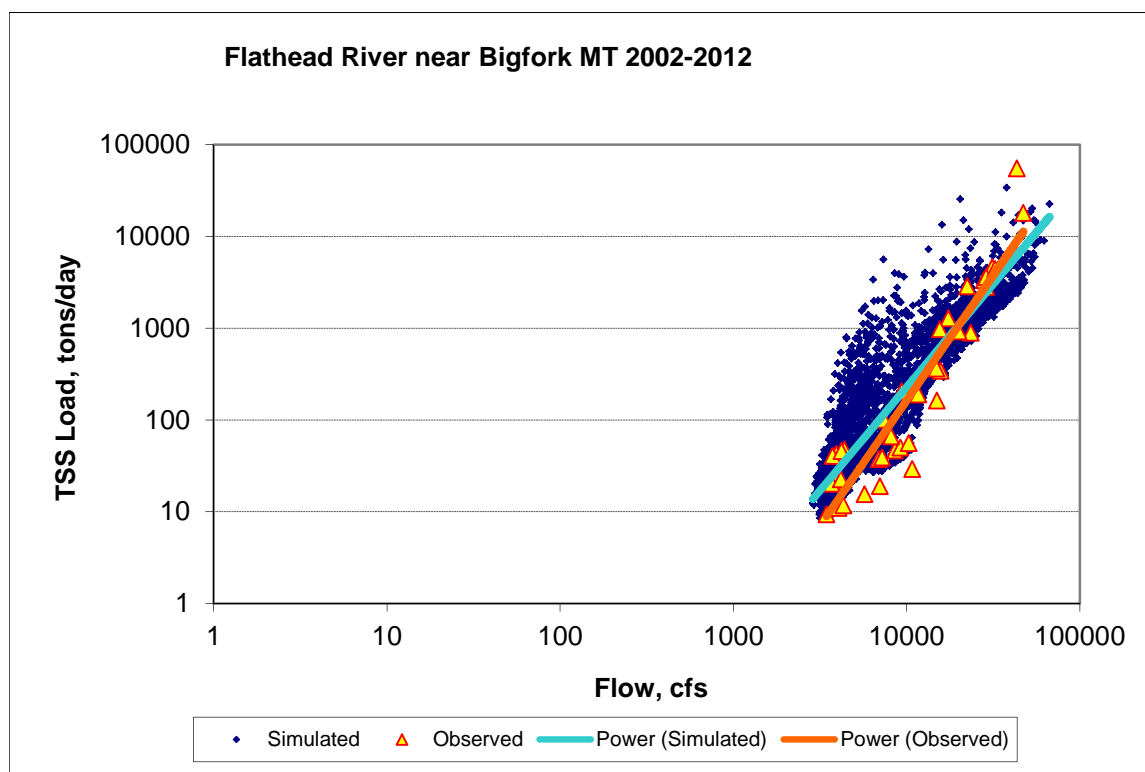


Figure H-152. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12369000 Flathead River near Bigfork MT



**Figure H-153. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12369000 Flathead River near Bigfork MT**



**Figure H-154. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12369000 Flathead River near Bigfork MT**

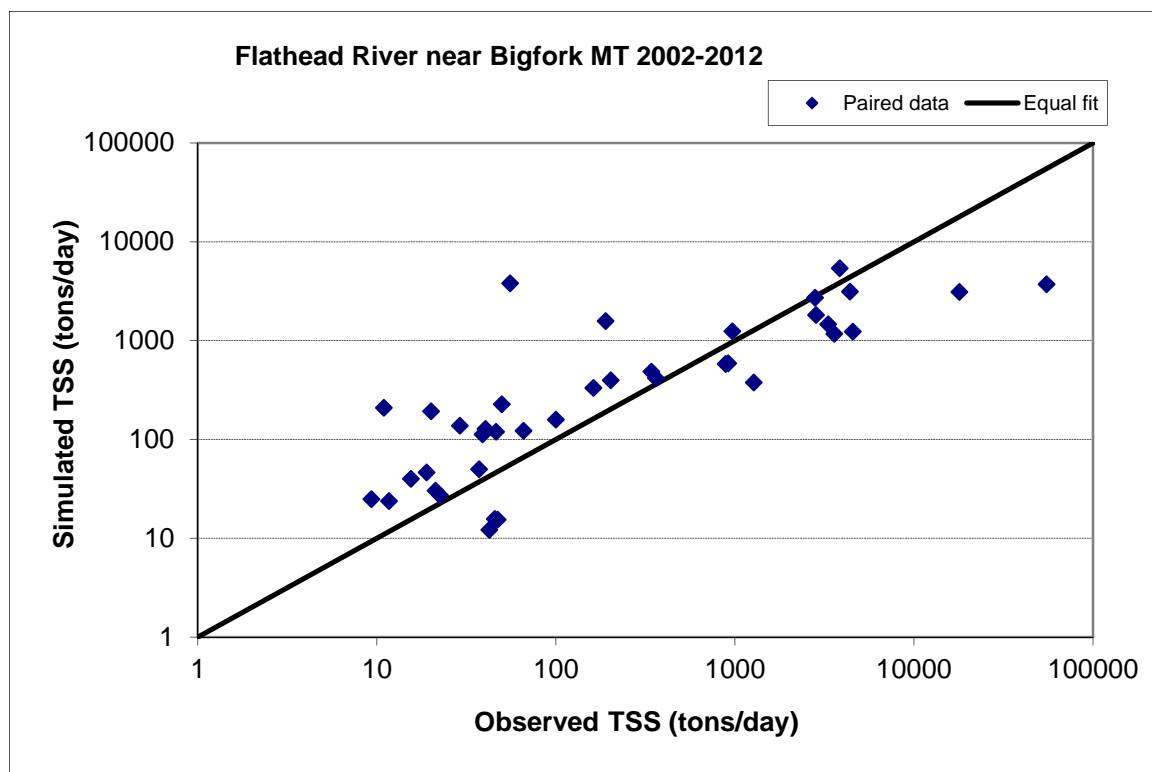


Figure H-155. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12369000 Flathead River near Bigfork MT

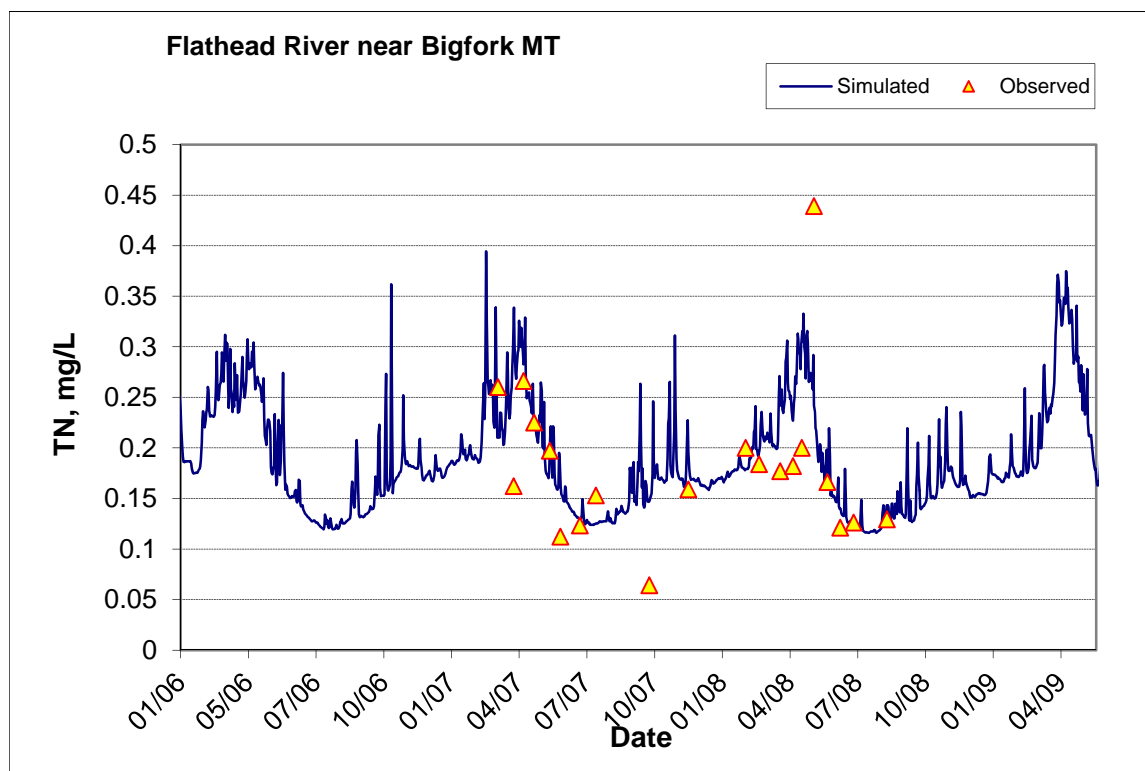


Figure H-156. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12369000 Flathead River near Bigfork MT

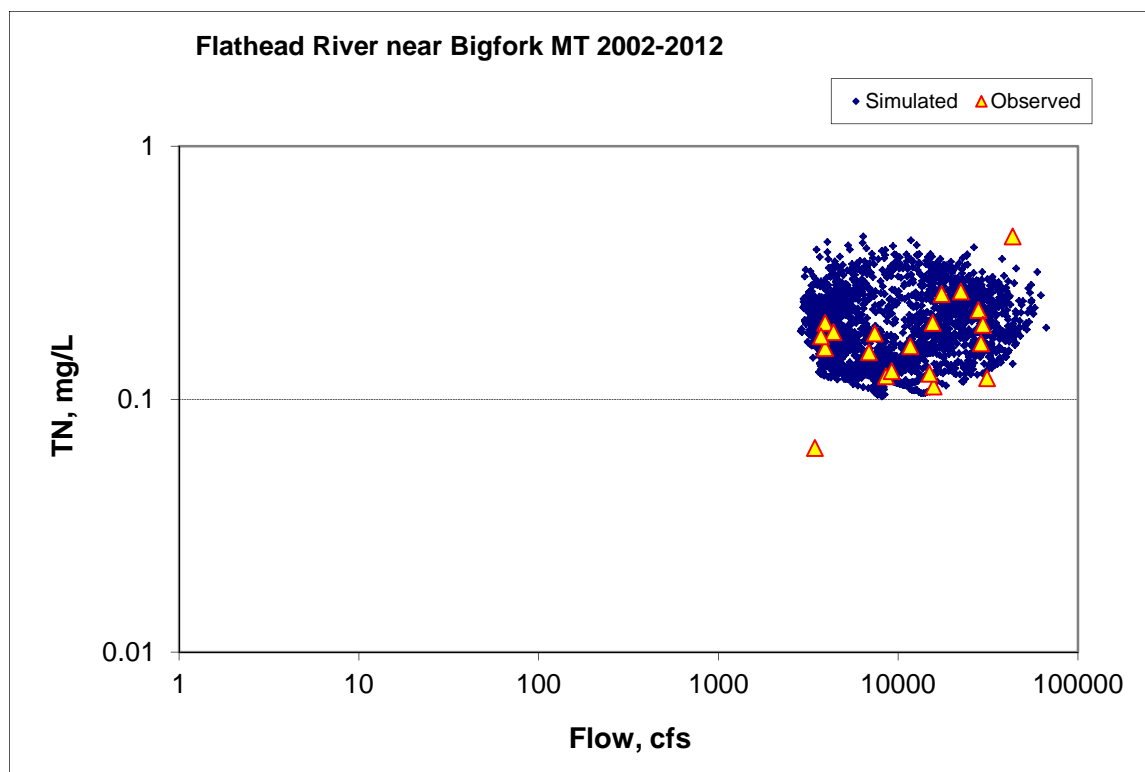


Figure H-157. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12369000 Flathead River near Bigfork MT

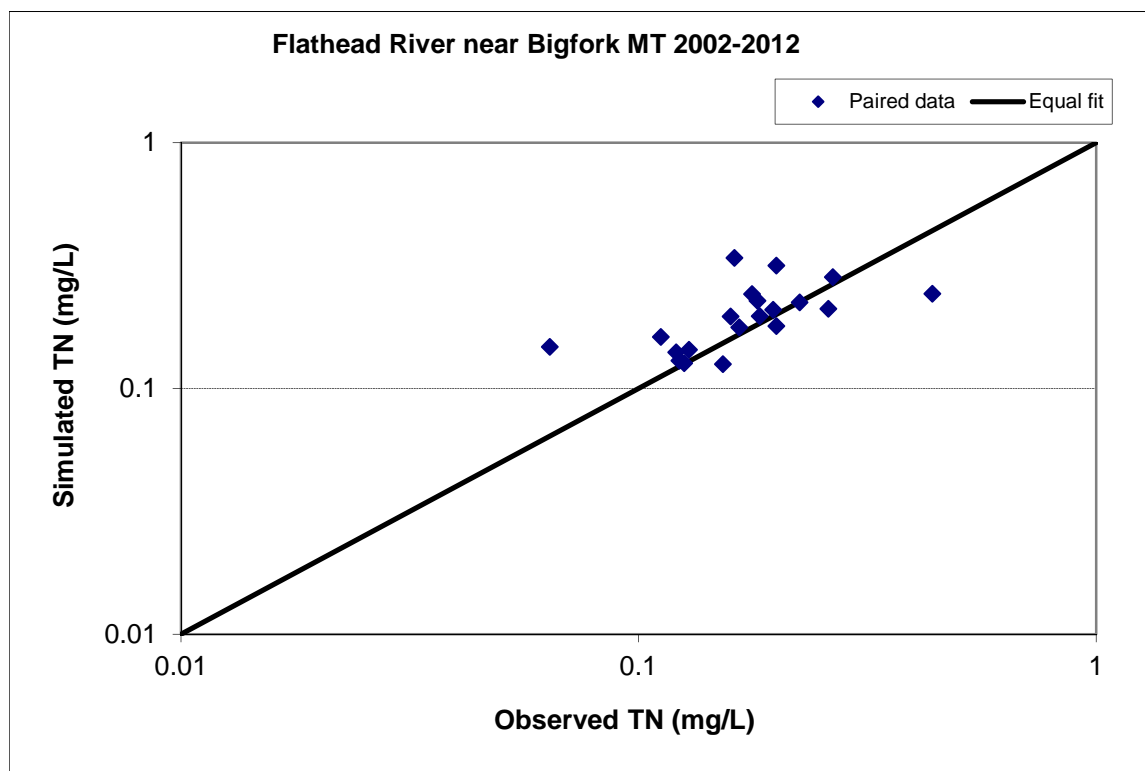


Figure H-158. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12369000 Flathead River near Bigfork MT

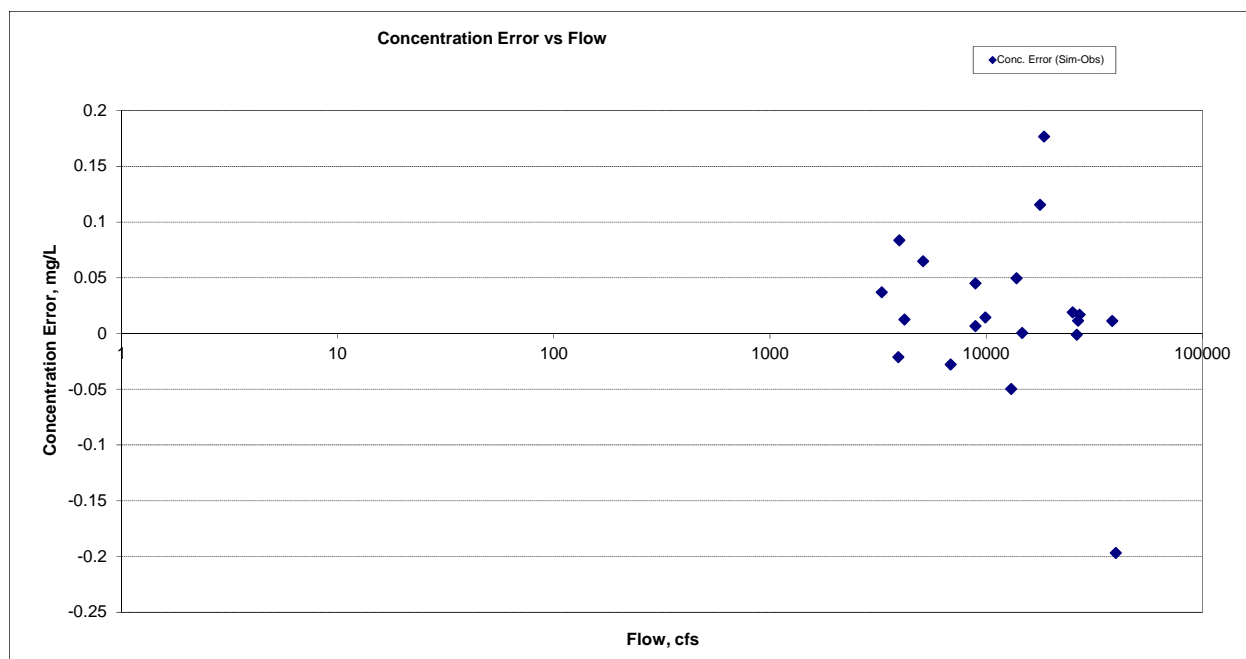


Figure H-159. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12369000 Flathead River near Bigfork MT

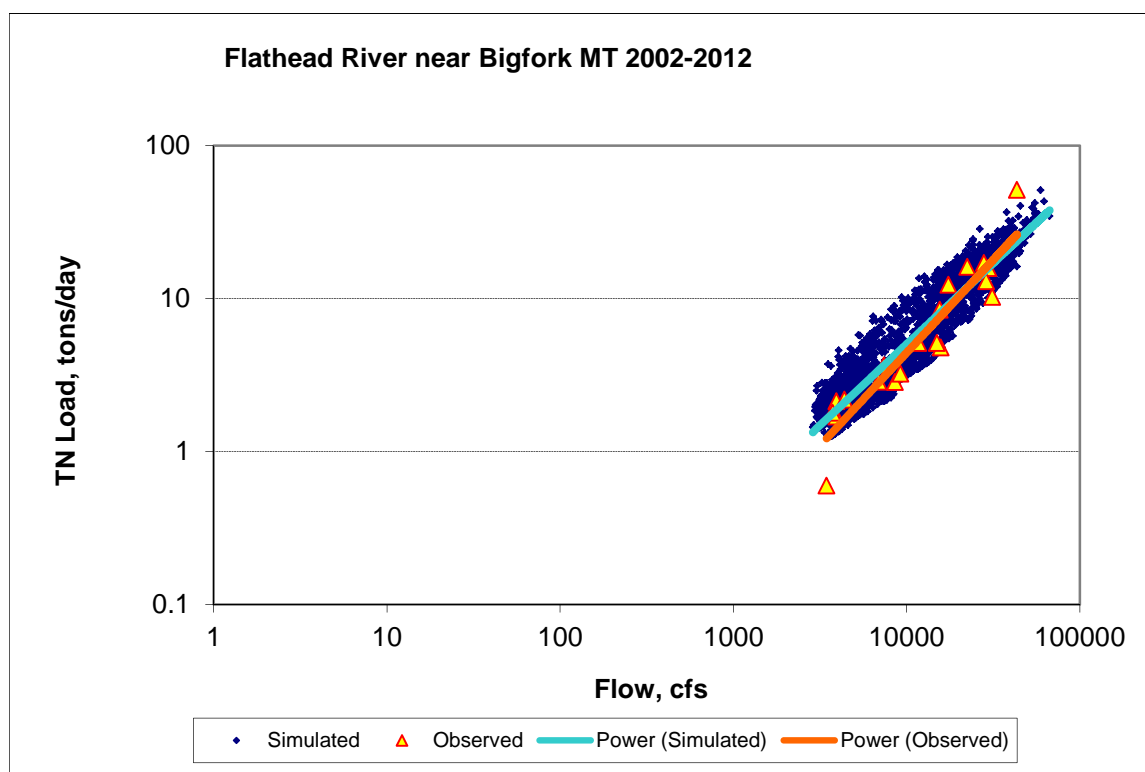


Figure H-160. Calibration Observed and Modeled TN Load vs. Flow Regression, 12369000 Flathead River near Bigfork MT

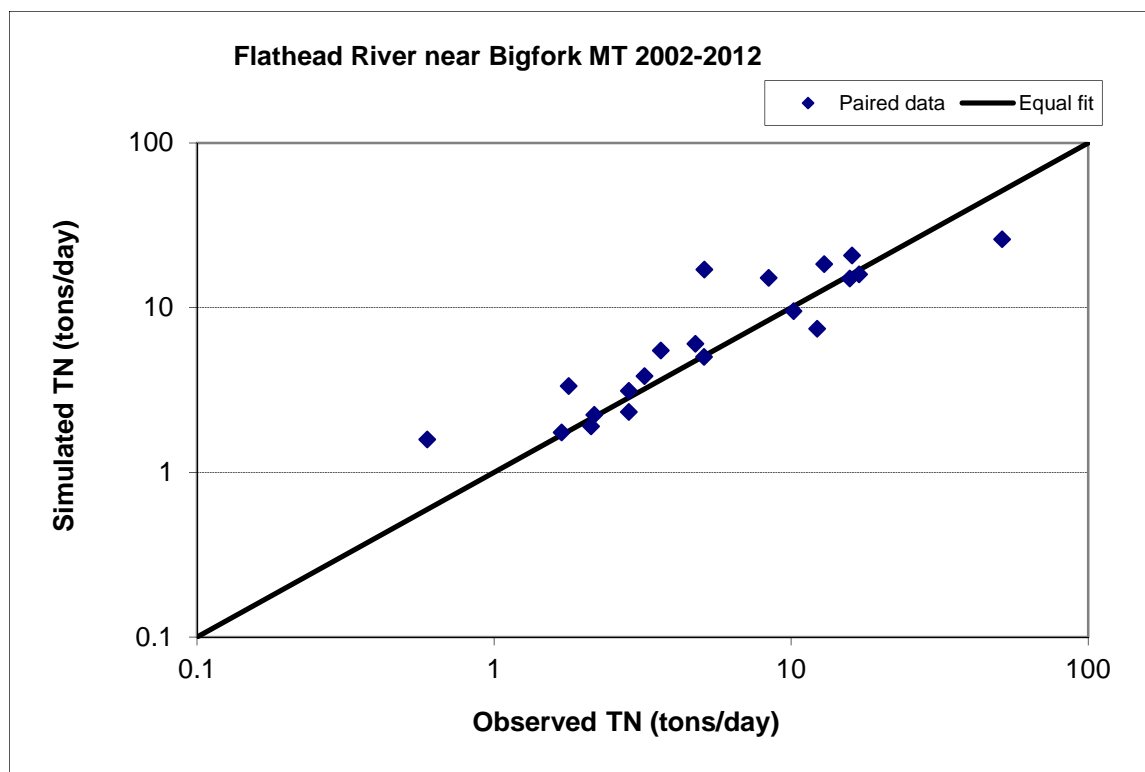


Figure H-161. Calibration Observed and Modeled TN Daily Paired Load Regression, 12369000 Flathead River near Bigfork MT

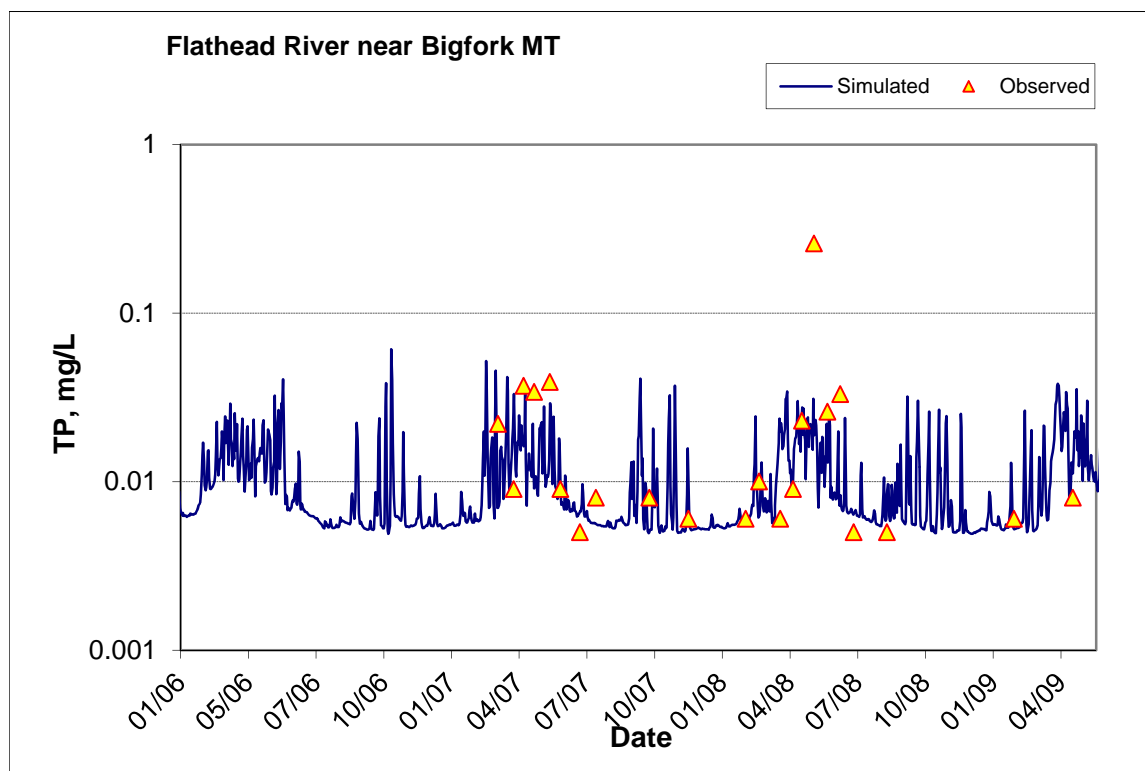


Figure H-162. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12369000 Flathead River near Bigfork MT

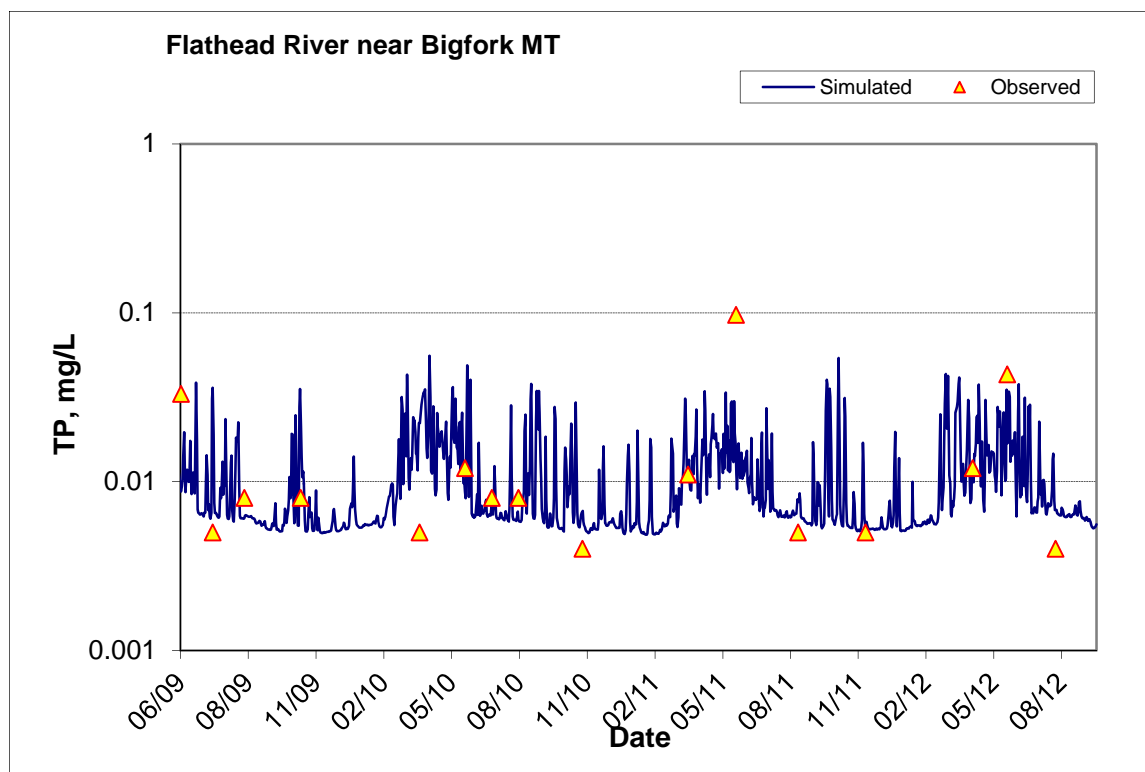


Figure H-163. Calibration Observed and Modeled TP Time series June 2009 through Sept. 2012, 12369000 Flathead River near Bigfork MT

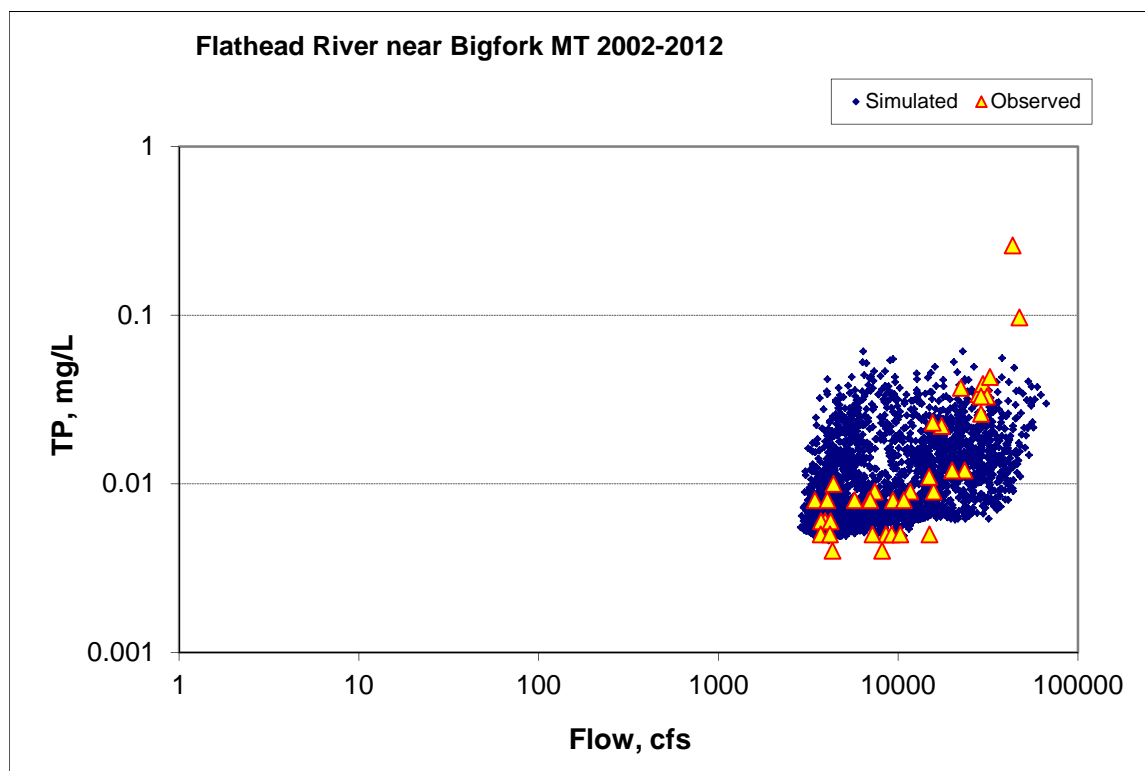


Figure H-164. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12369000 Flathead River near Bigfork MT



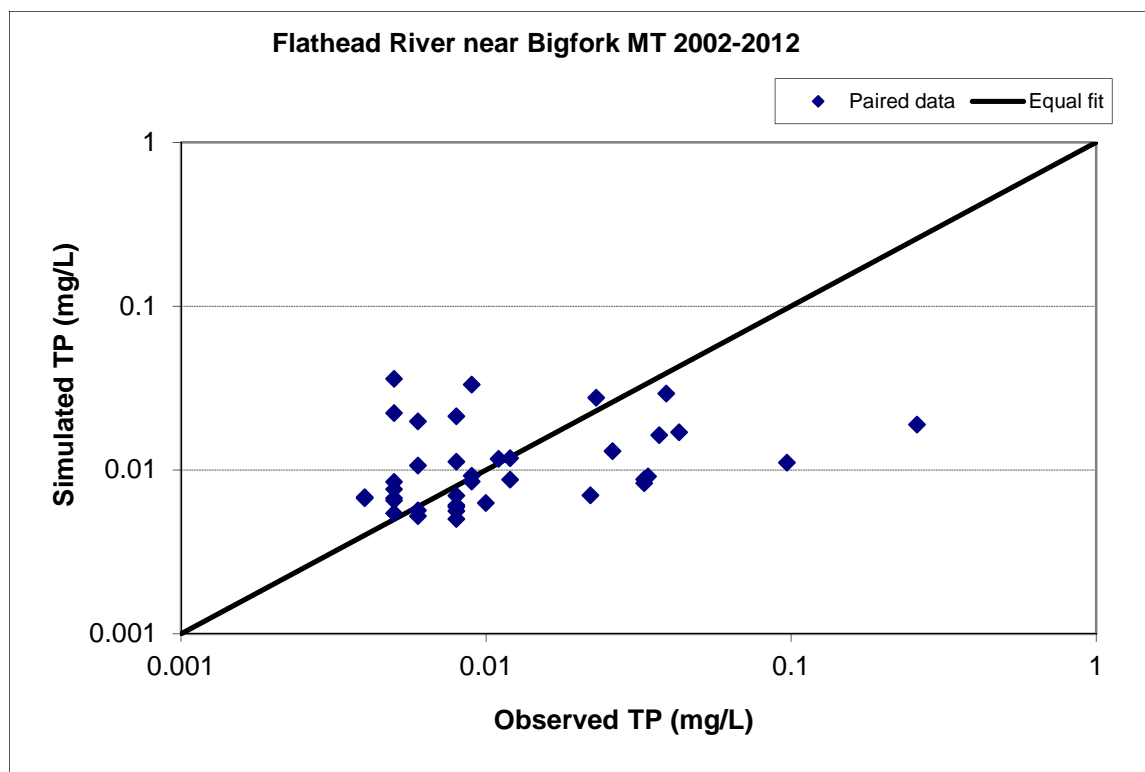


Figure H-165. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12369000 Flathead River near Bigfork MT

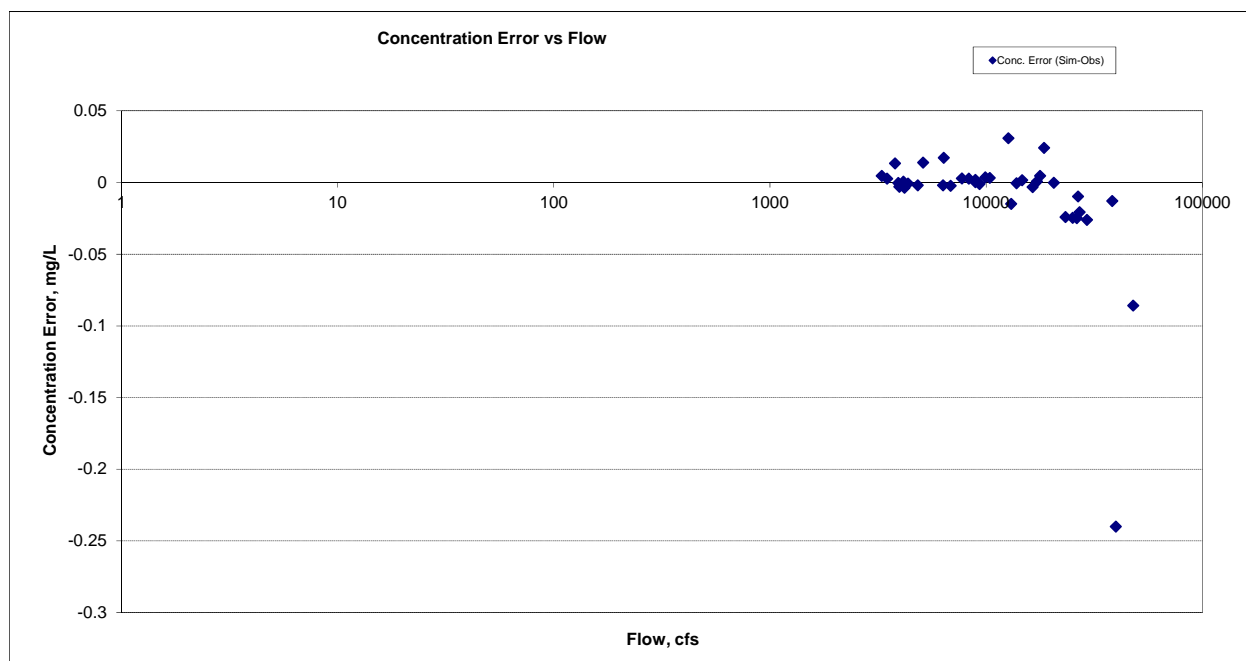
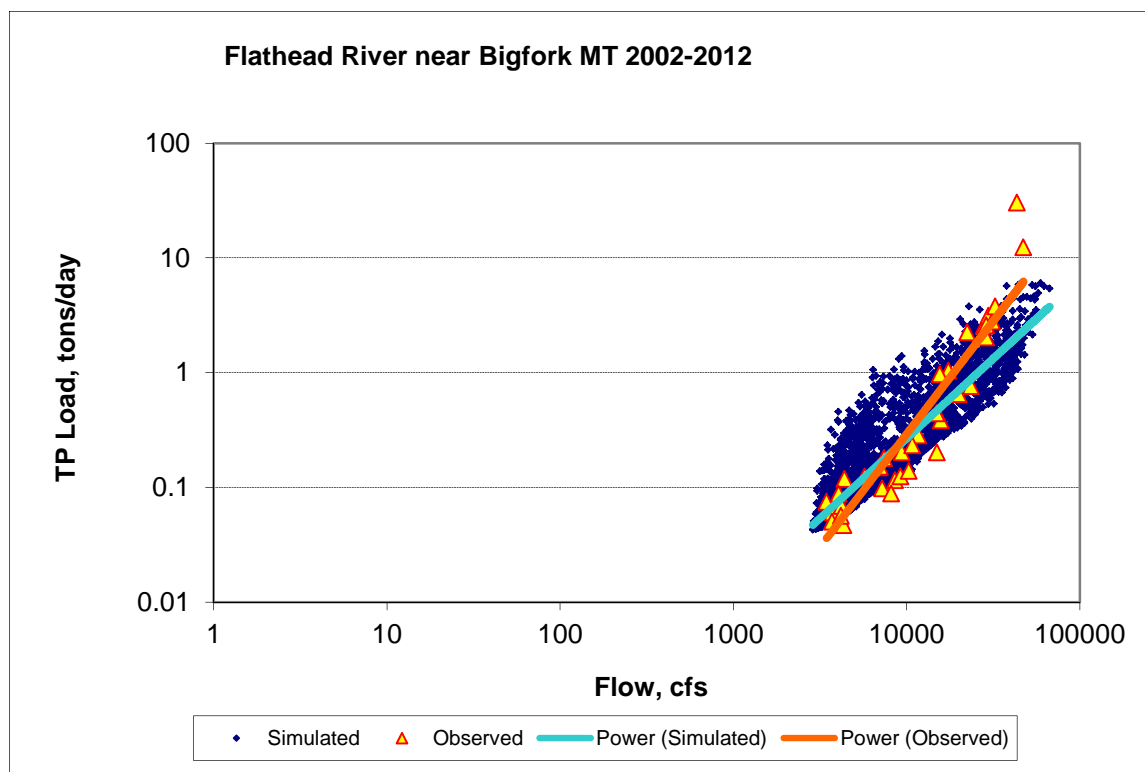
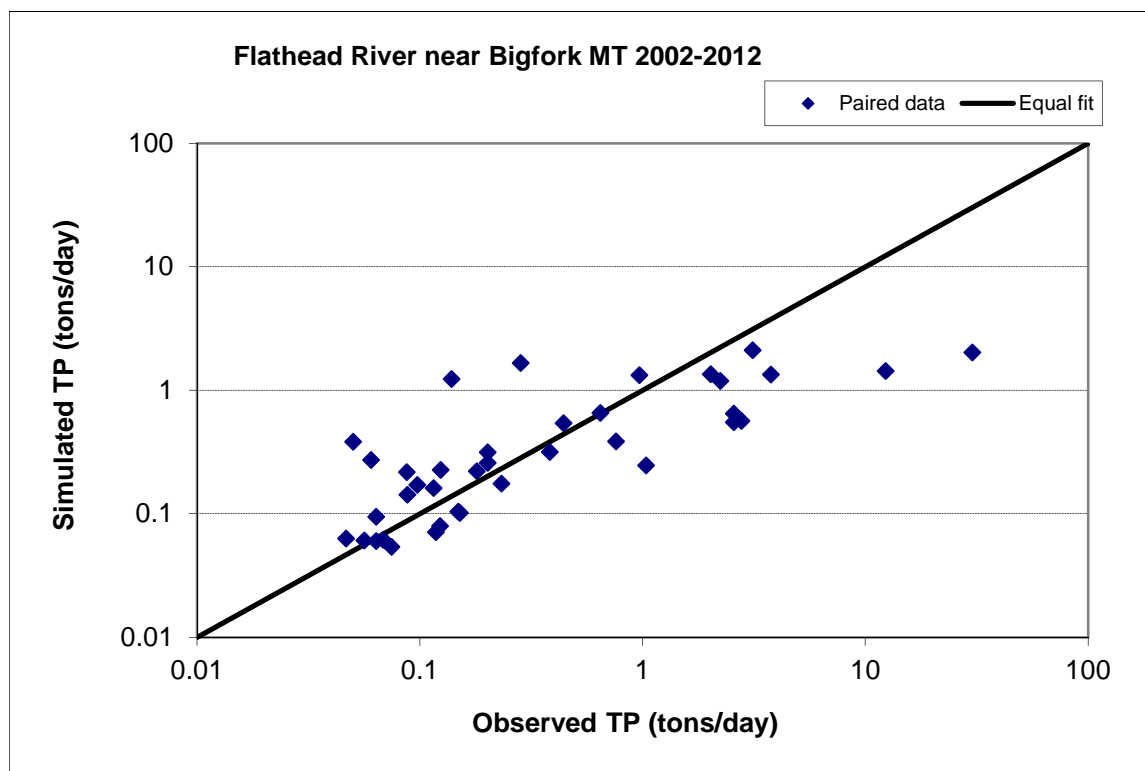


Figure H-166. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12369000 Flathead River near Bigfork MT



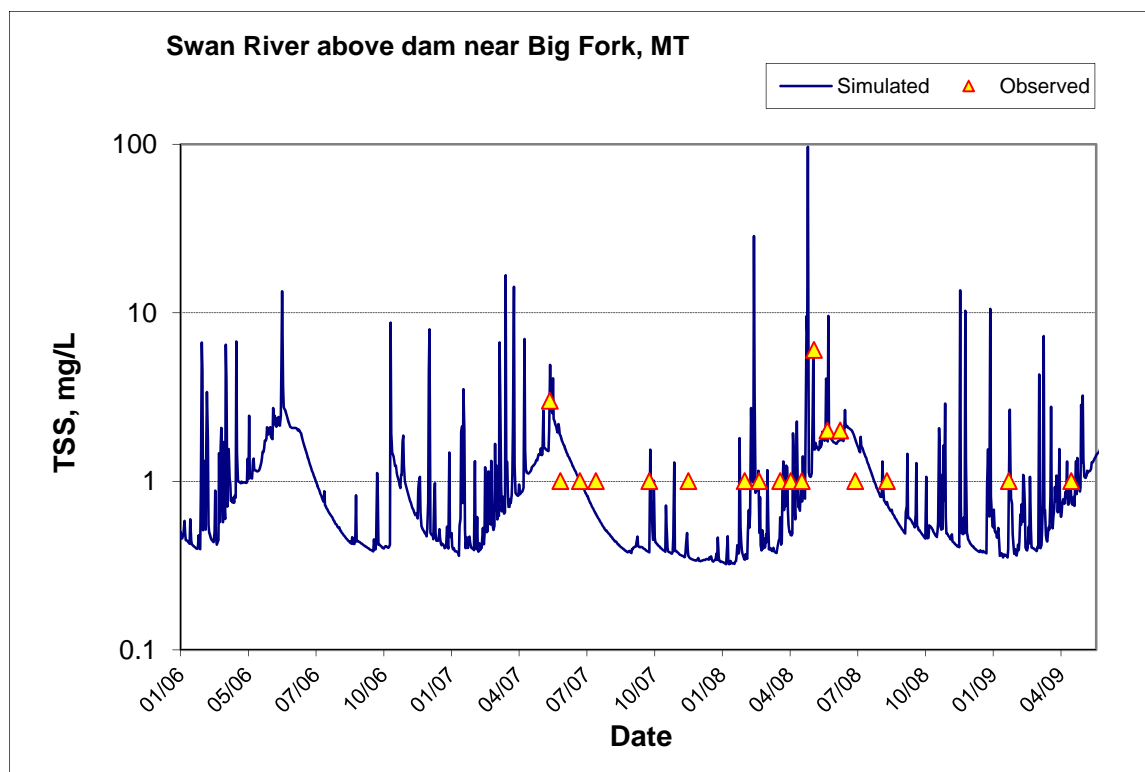
**Figure H-167. Calibration Observed and Modeled TP Load vs. Flow Regression, 12369000 Flathead River near Bigfork MT**



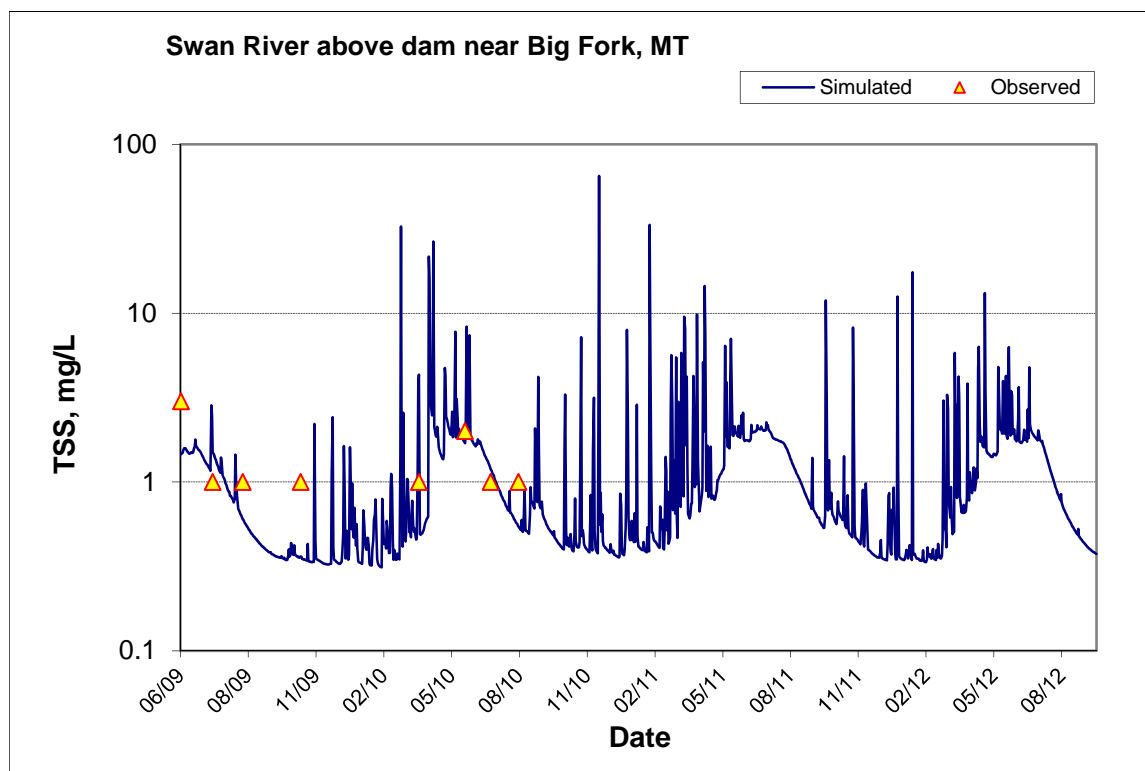
**Figure H-168. Calibration Observed and Modeled TP Daily Paired Load Regression, 12369000 Flathead River near Bigfork MT**

## **H-9. SWAN RIVER ABOVE DAM NEAR BIG FORK, MT (12370100)**

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**Figure H-169. Calibration Observed and Modeled TSS Time series Feb.2006 through May 2009, 12370100 Swan River above dam near Big Fork, MT**



**Figure H-170. Calibration Observed and Modeled TSS Time series June 2009 through Sept.2012, 12370100 Swan River above dam near Big Fork, MT**

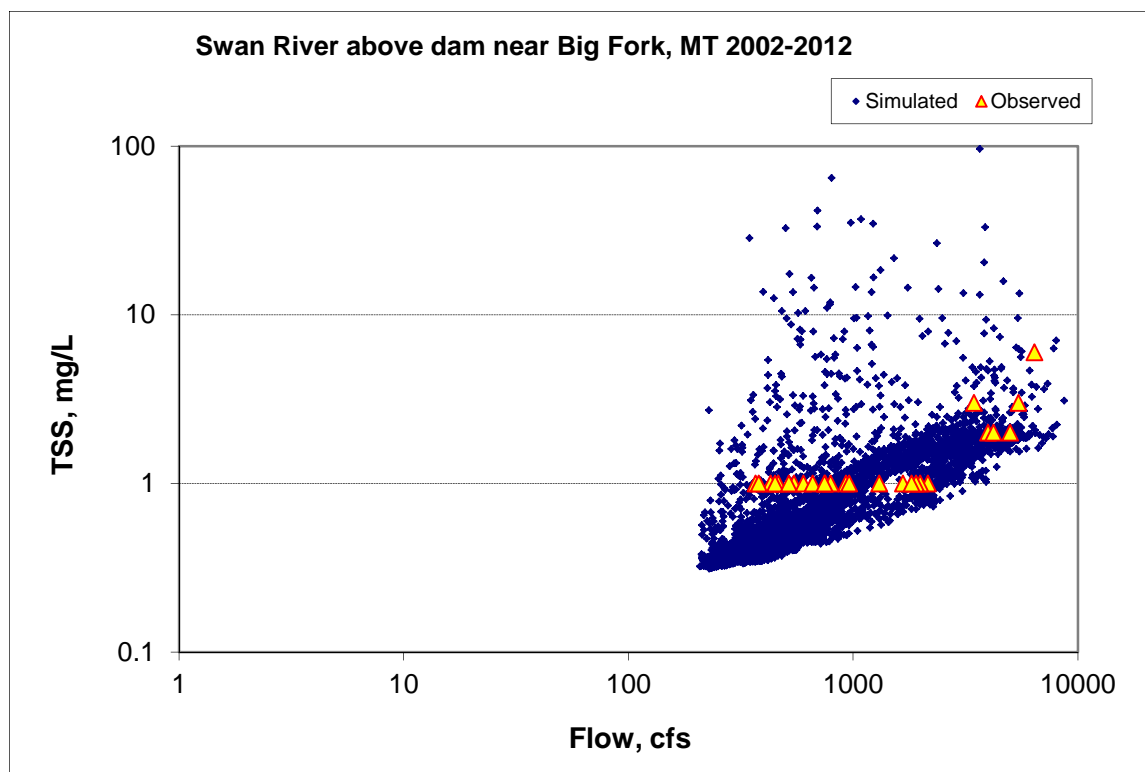


Figure H-171. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 12370100 Swan River above dam near Big Fork, MT

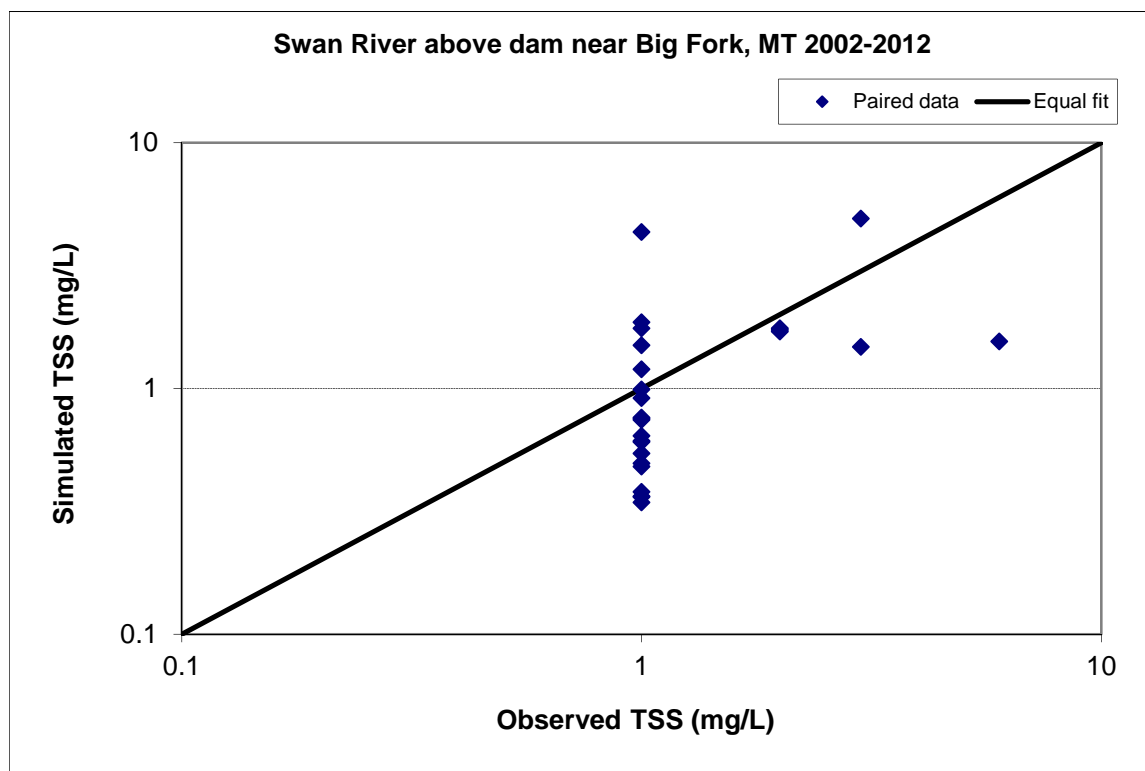


Figure H-172. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 12370100 Swan River above dam near Big Fork, MT

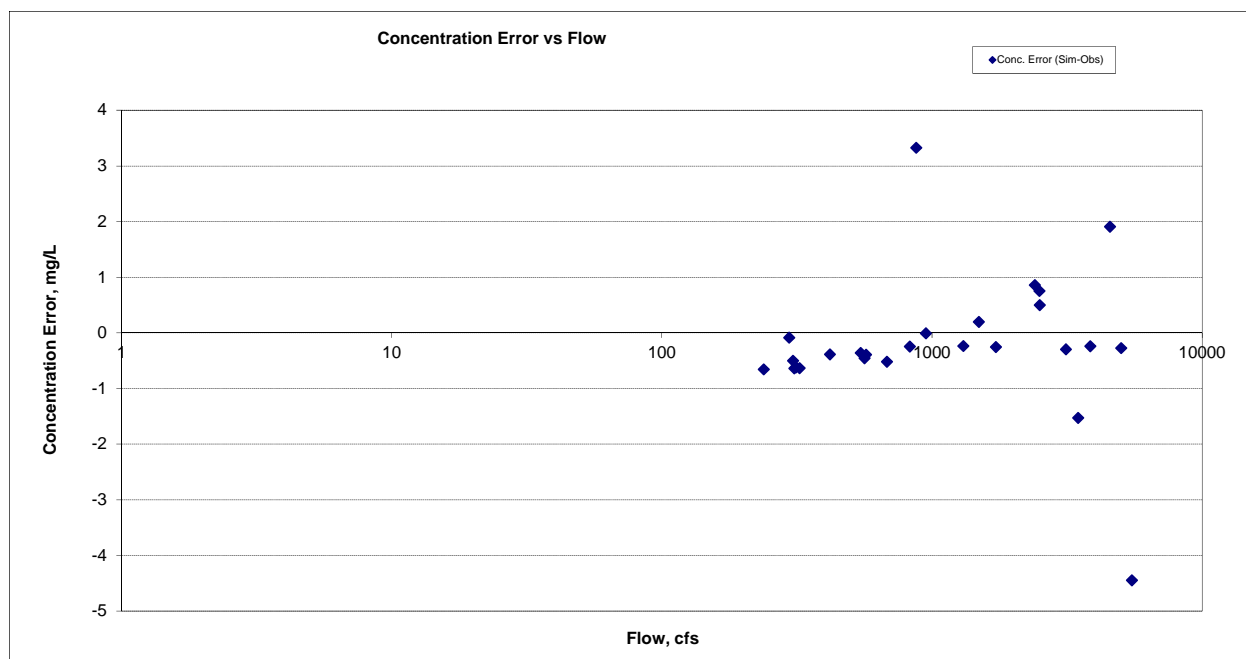


Figure H-173. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 12370100 Swan River above dam near Big Fork, MT

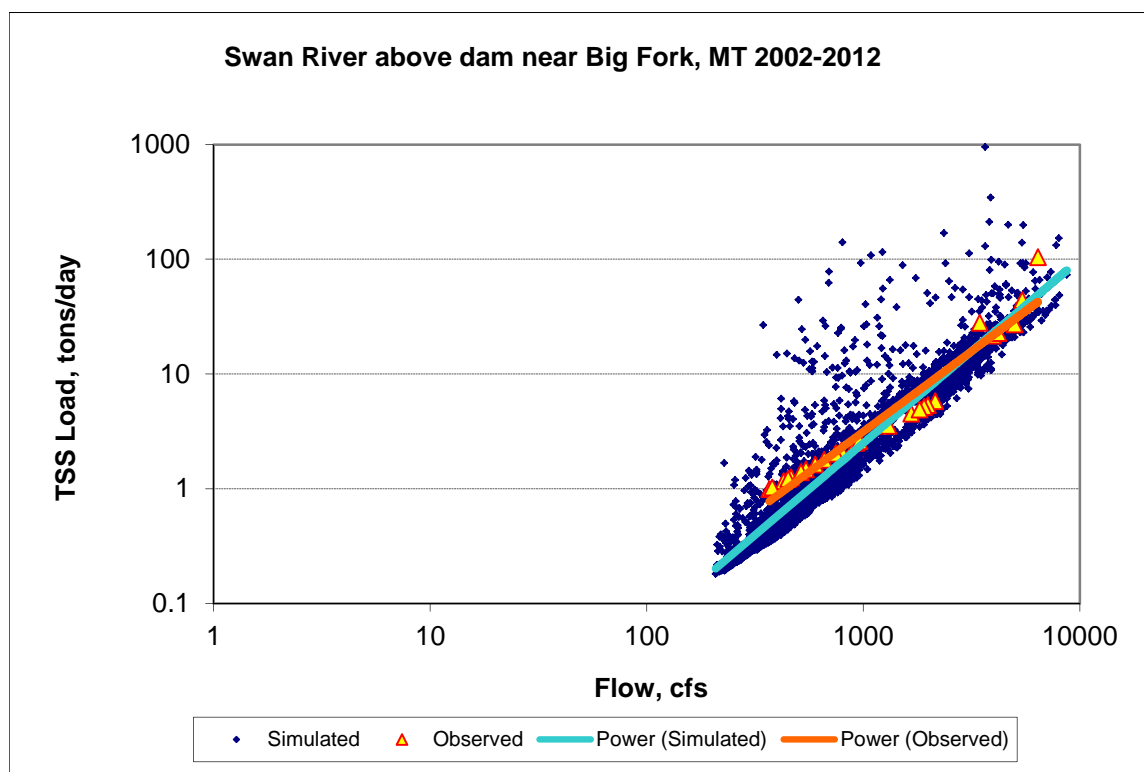


Figure H-174. Calibration Observed and Modeled TSS Load vs. Flow Regression, 12370100 Swan River above dam near Big Fork, MT

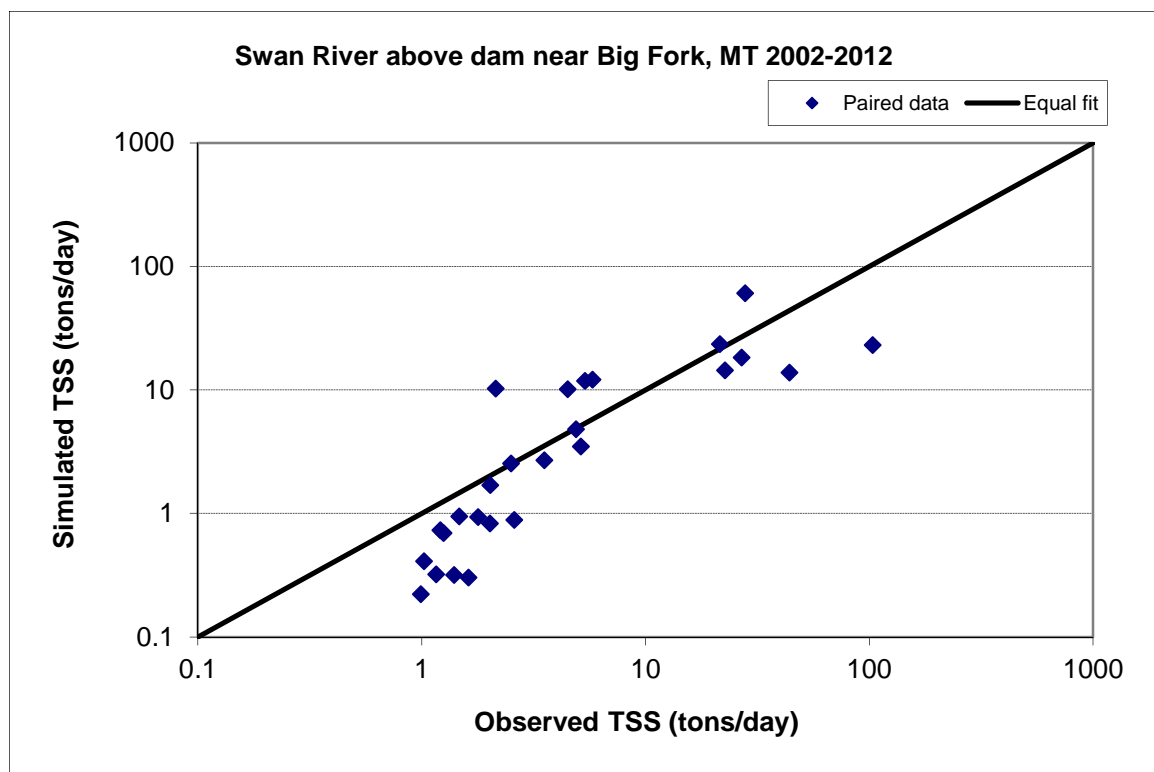


Figure H-175. Calibration Observed and Modeled TSS Daily Paired Load Regression, 12370100 Swan River above dam near Big Fork, MT

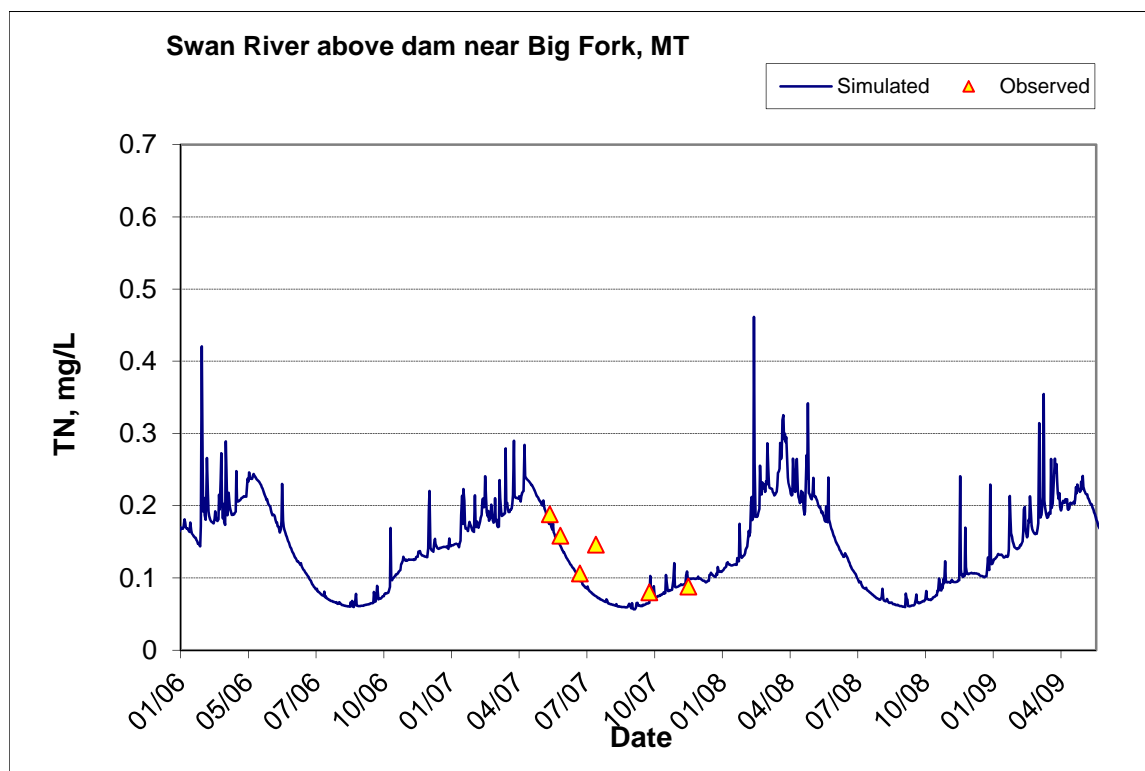


Figure H-176. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, 12370100 Swan River above dam near Big Fork, MT

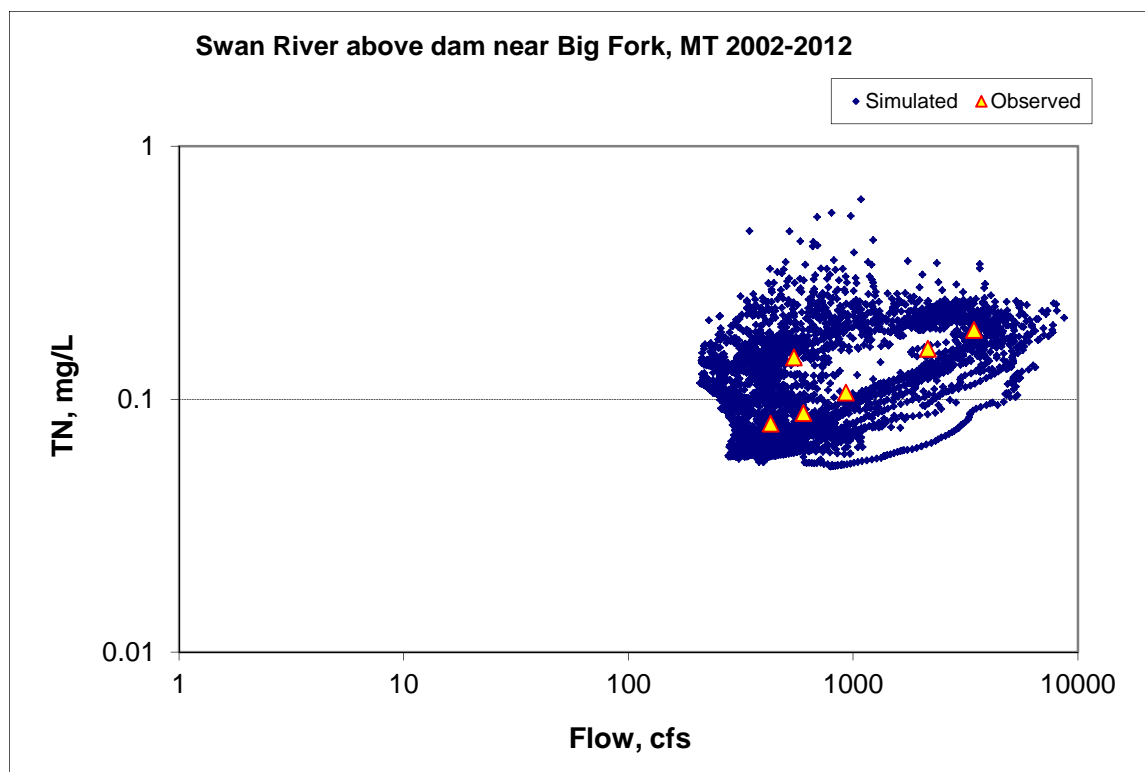


Figure H-177. Calibration Observed and Modeled TN Concentration vs. Flow Regression, 12370100 Swan River above dam near Big Fork, MT

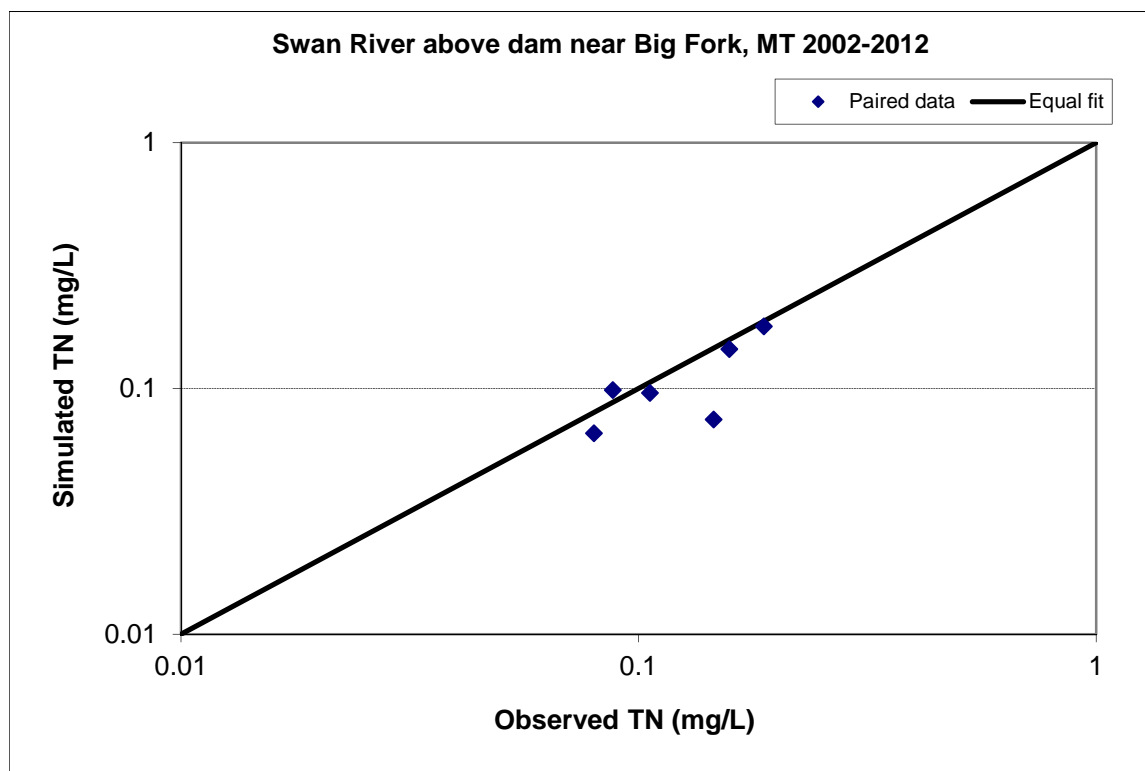


Figure H-178. Calibration Observed and Modeled TN Daily Paired Concentration Regression, 12370100 Swan River above dam near Big Fork, MT



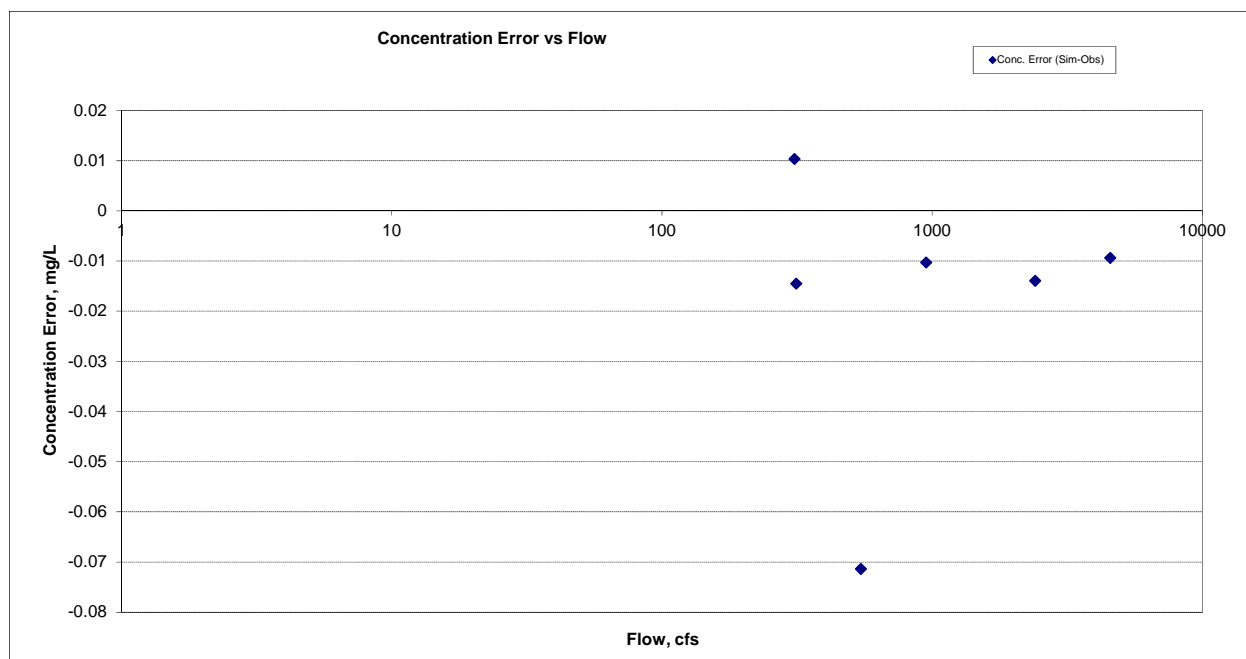


Figure H-179. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, 12370100 Swan River above dam near Big Fork, MT

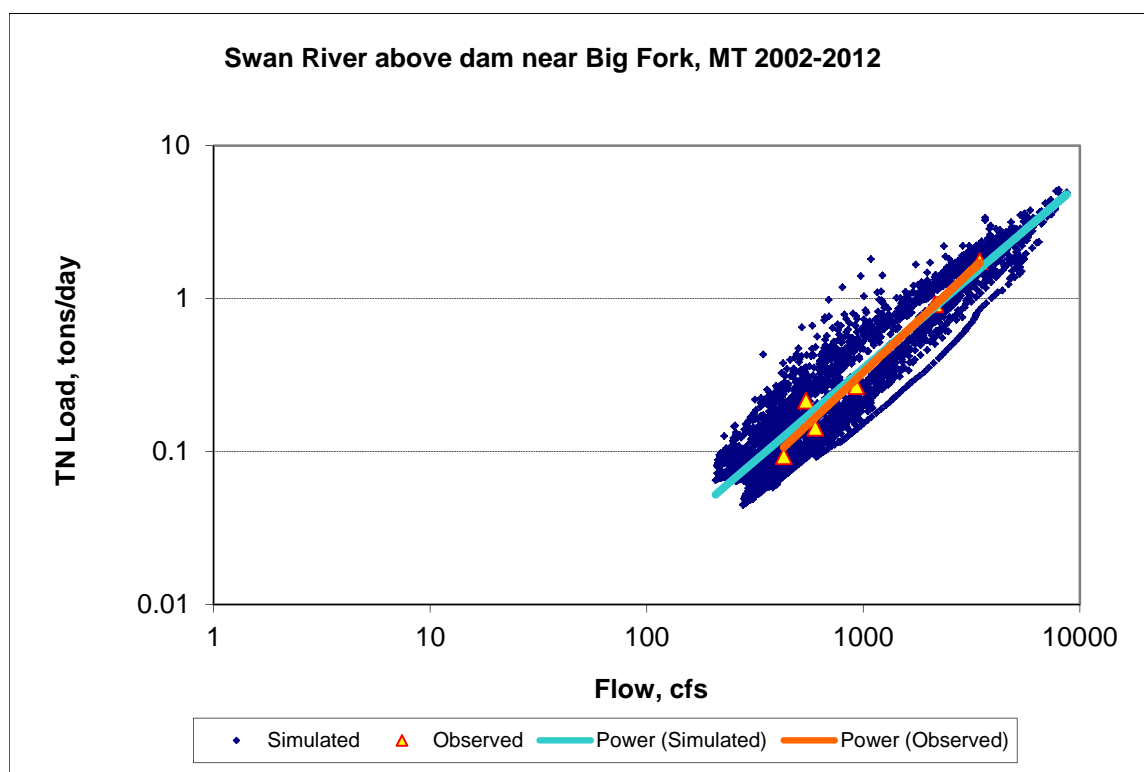


Figure H-180. Calibration Observed and Modeled TN Load vs. Flow Regression, 12370100 Swan River above dam near Big Fork, MT

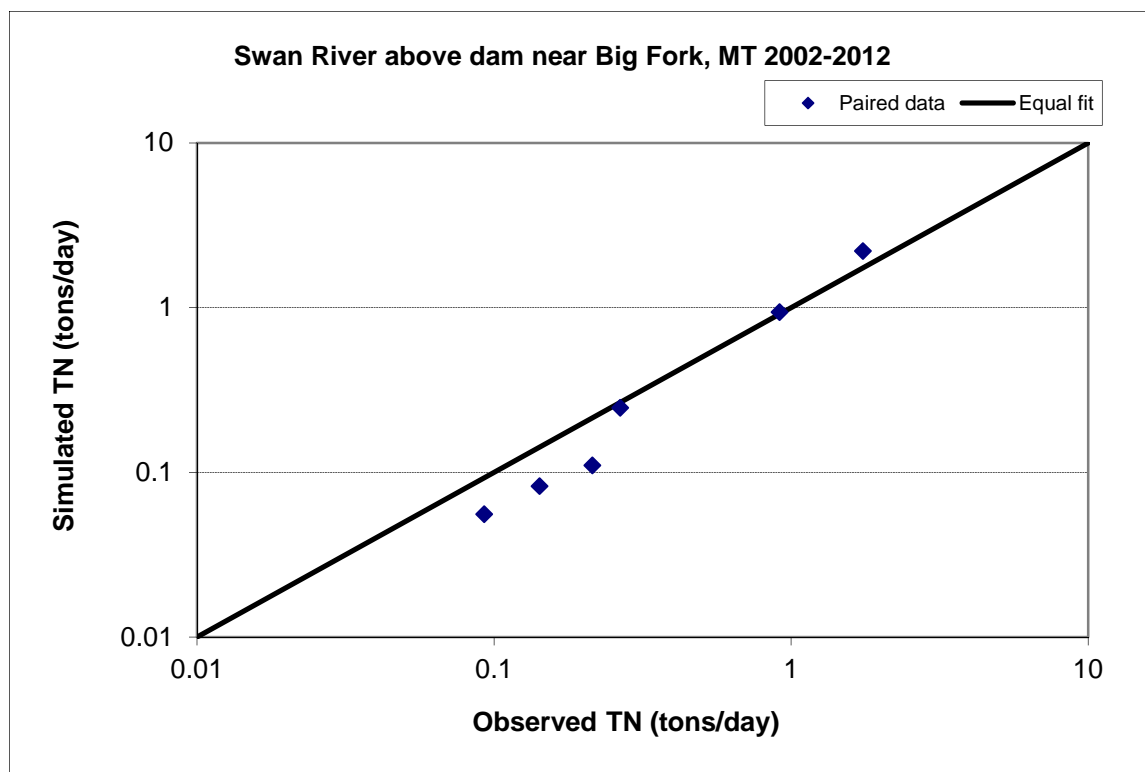


Figure H-181. Calibration Observed and Modeled TN Daily Paired Load Regression, 12370100 Swan River above dam near Big Fork, MT

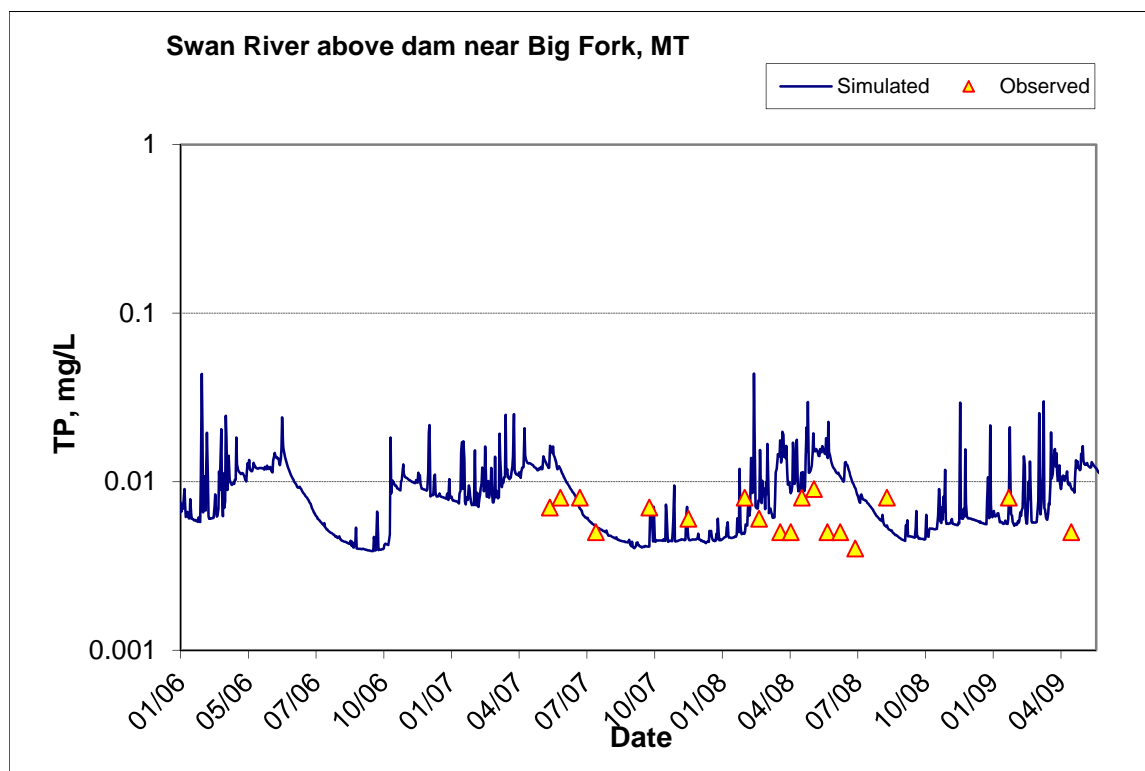


Figure H-182. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 12370100 Swan River above dam near Big Fork, MT

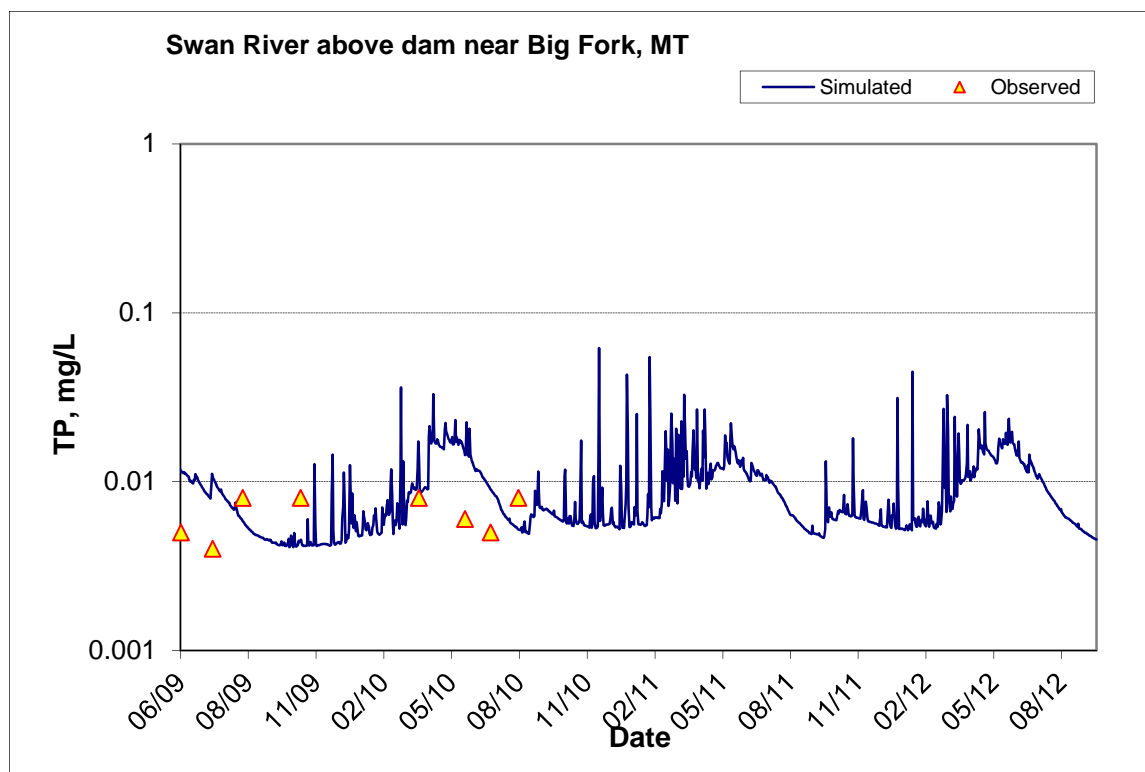


Figure H-183. Calibration Observed and Modeled TP Time series June 2009 through Sept.2012, 12370100 Swan River above dam near Big Fork, MT

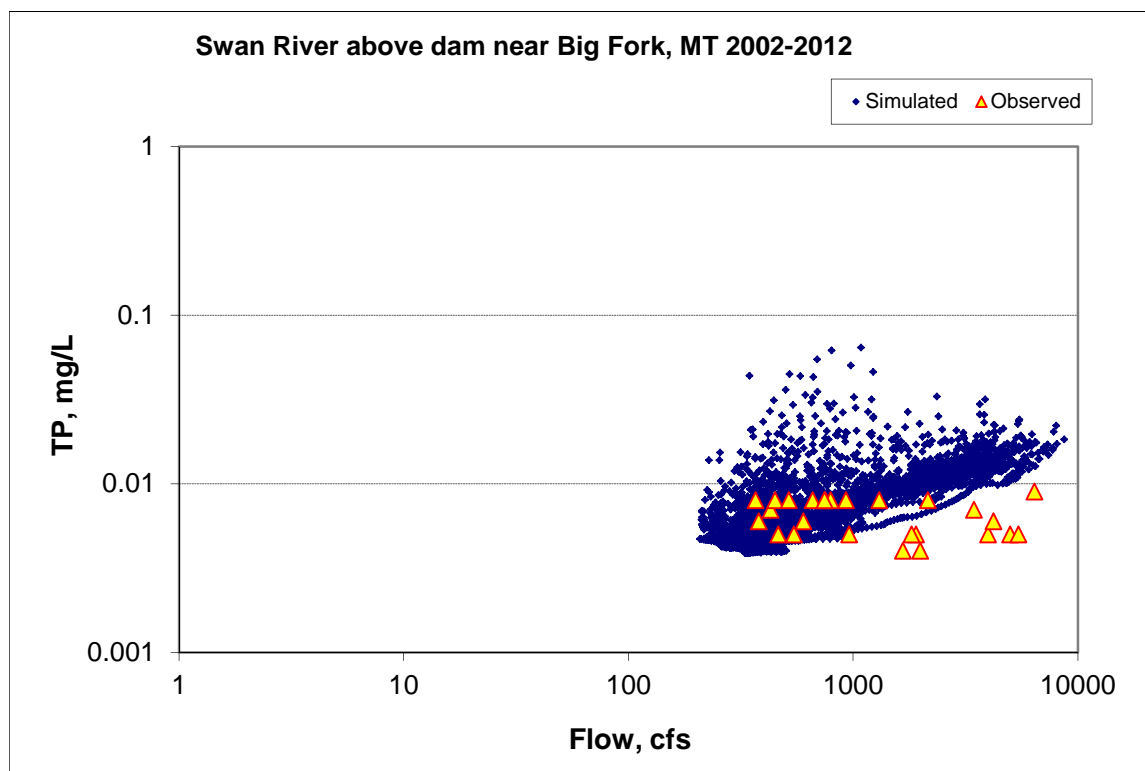
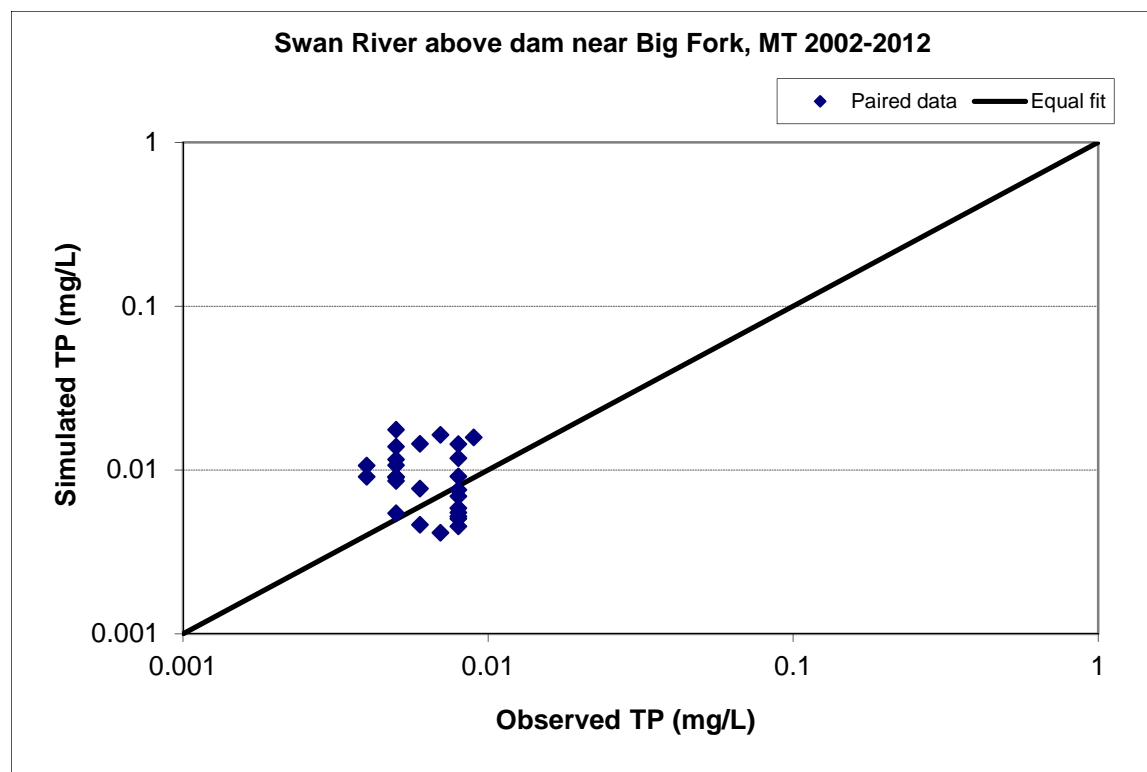
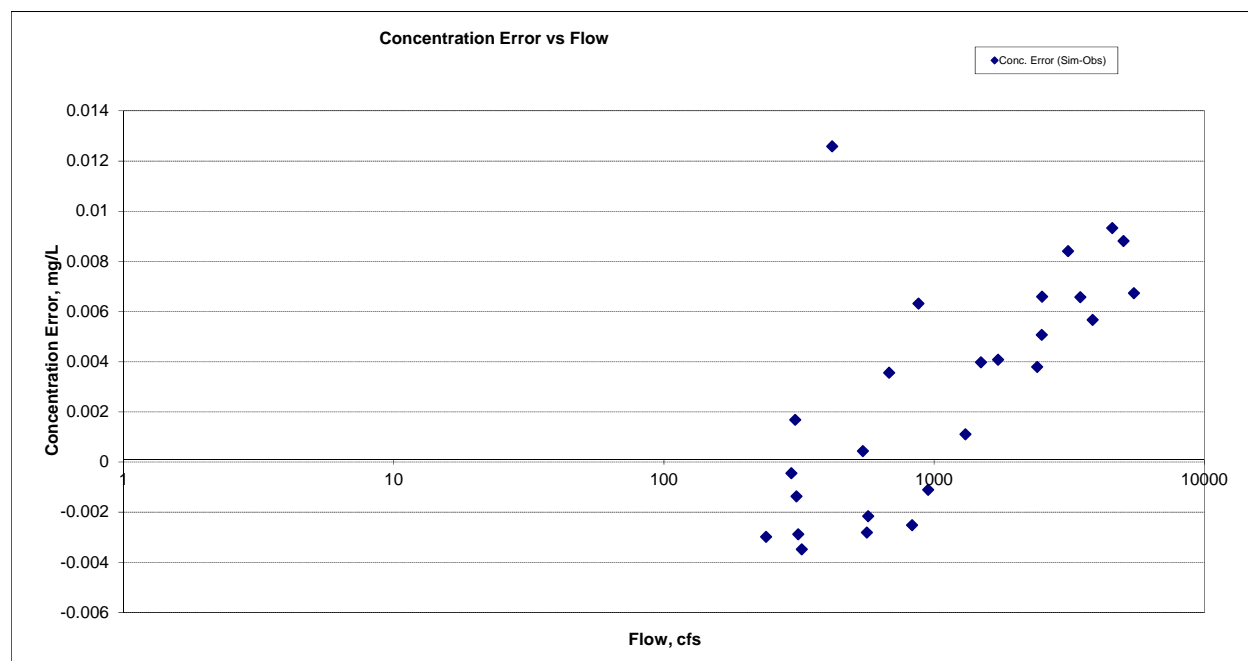


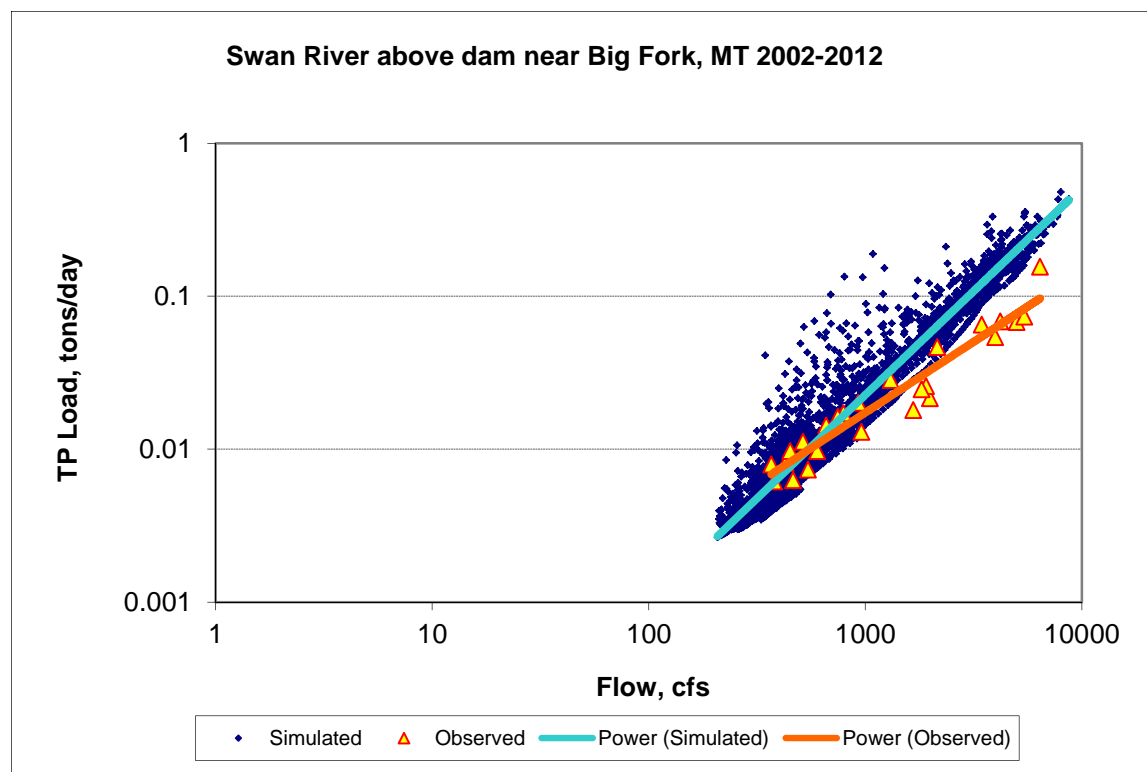
Figure H-184. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 12370100 Swan River above dam near Big Fork, MT



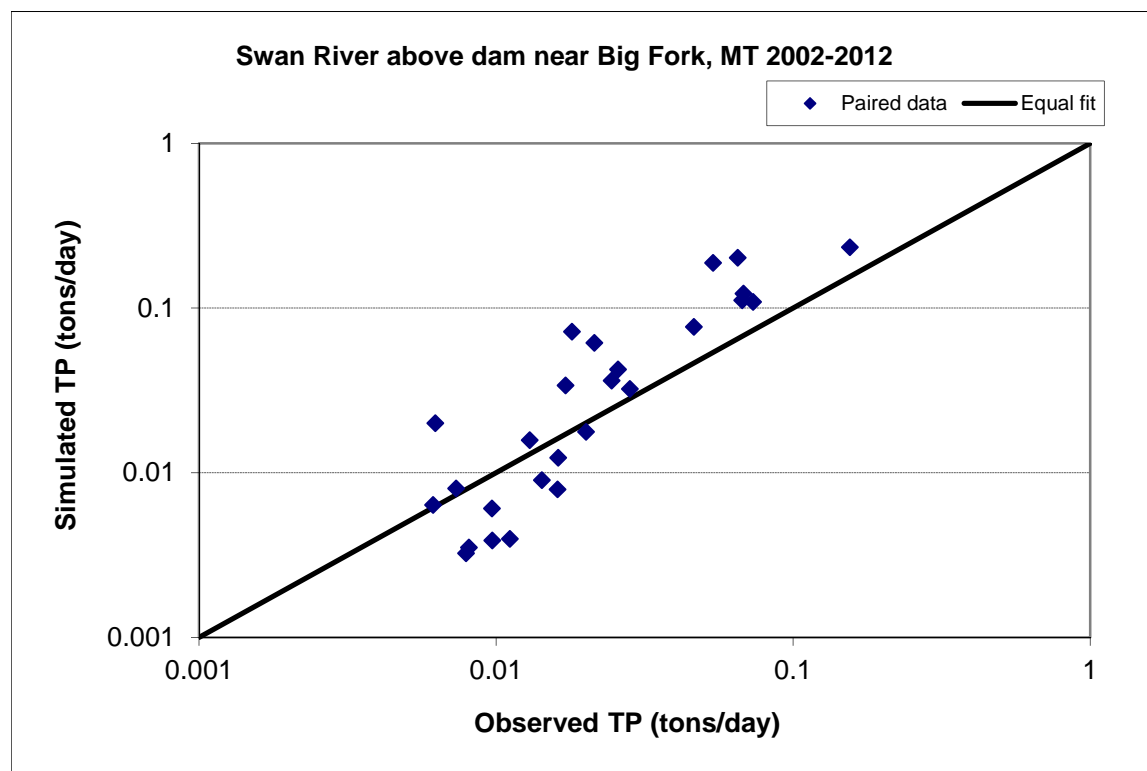
**Figure H-185. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 12370100 Swan River above dam near Big Fork, MT**



**Figure H-186. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 12370100 Swan River above dam near Big Fork, MT**



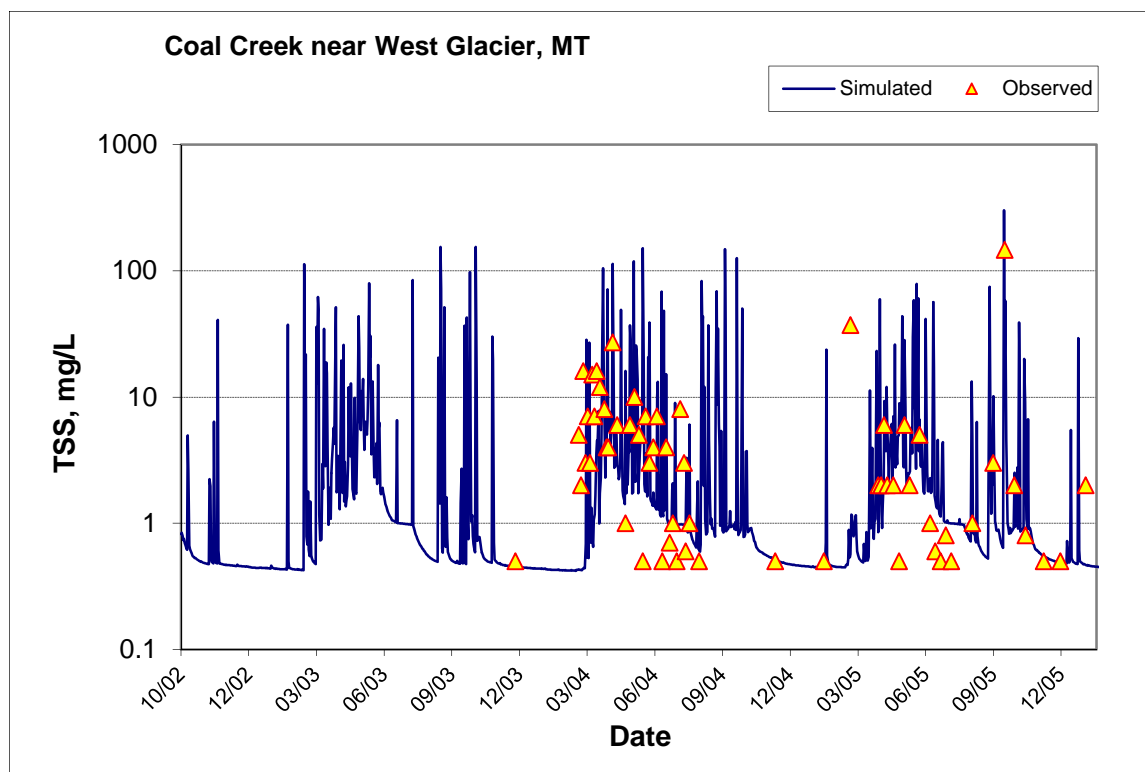
**Figure H-187. Calibration Observed and Modeled TP Load vs. Flow Regression, 12370100 Swan River above dam near Big Fork, MT**



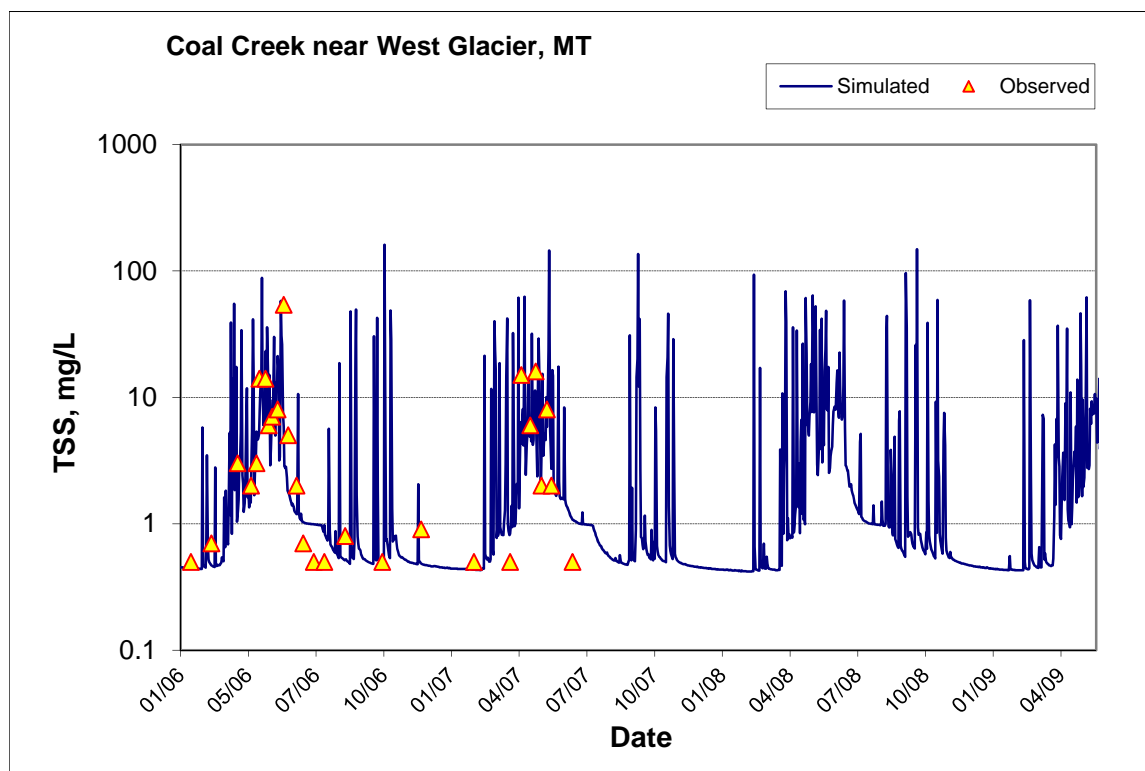
**Figure H-188. Calibration Observed and Modeled TP Daily Paired Load Regression, 12370100 Swan River above dam near Big Fork, MT**

## **H-10. COAL CREEK NEAR WEST GLACIER, MT (482518113420101)**

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**Figure H-189. Calibration Observed and Modeled TSS Time series Oct. 2002 through Jan. 2006, 482518113420101 Coal Creek near West Glacier, MT**



**Figure H-190. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, 482518113420101 Coal Creek near West Glacier, MT**

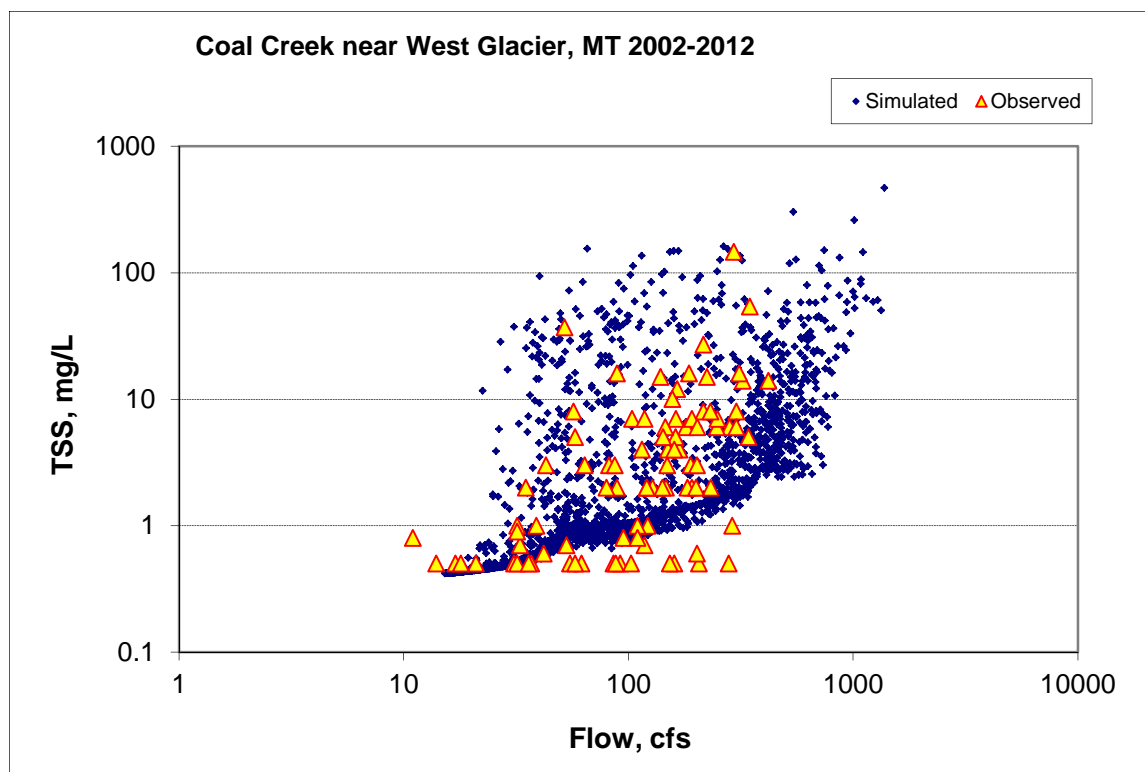


Figure H-191. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 482518113420101 Coal Creek near West Glacier, MT

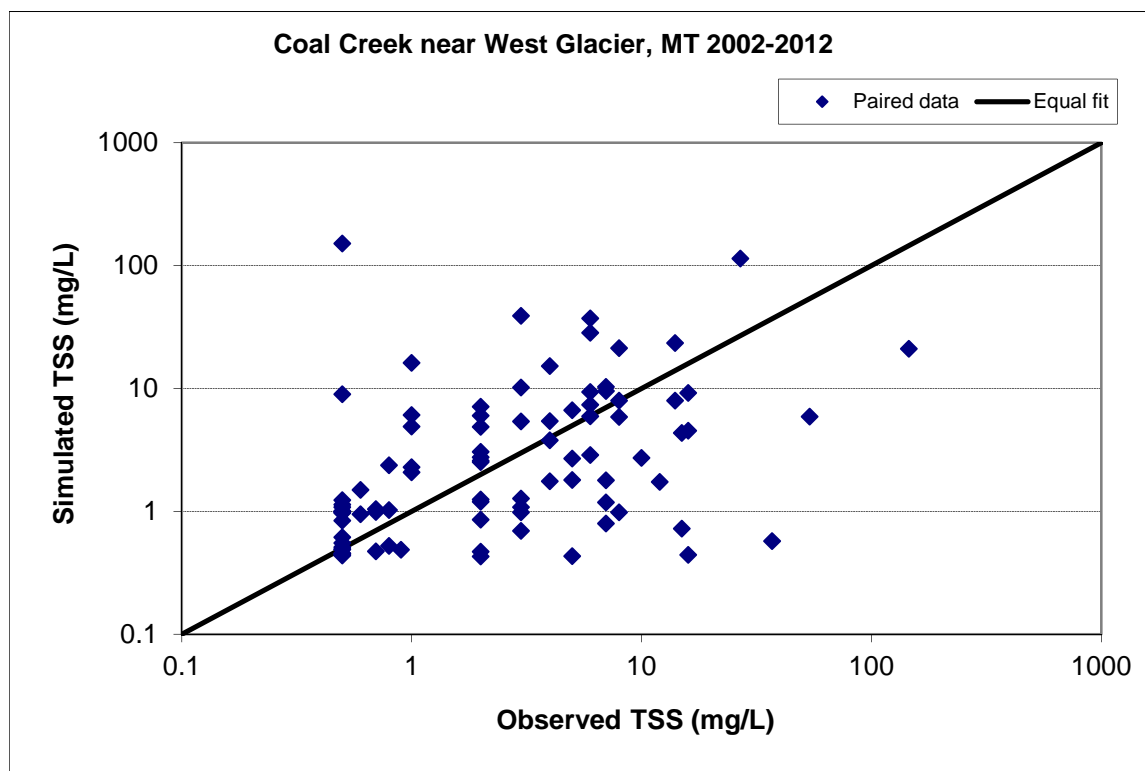


Figure H-192. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 482518113420101 Coal Creek near West Glacier, MT



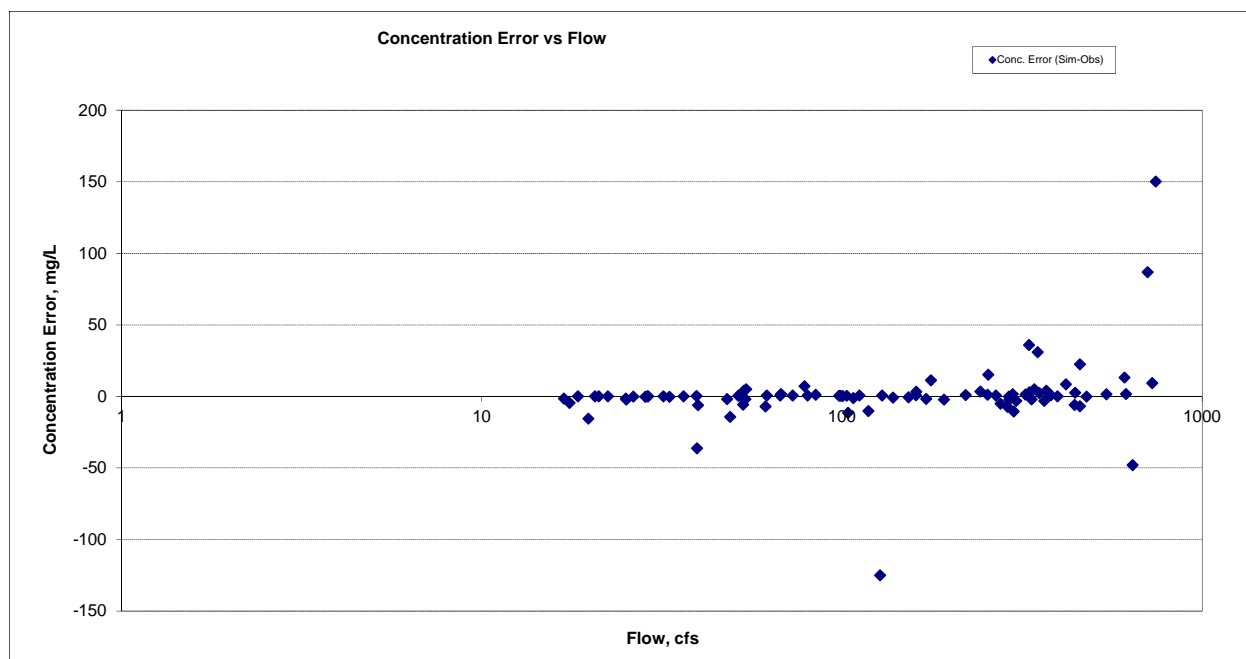


Figure H-193. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 482518113420101 Coal Creek near West Glacier, MT

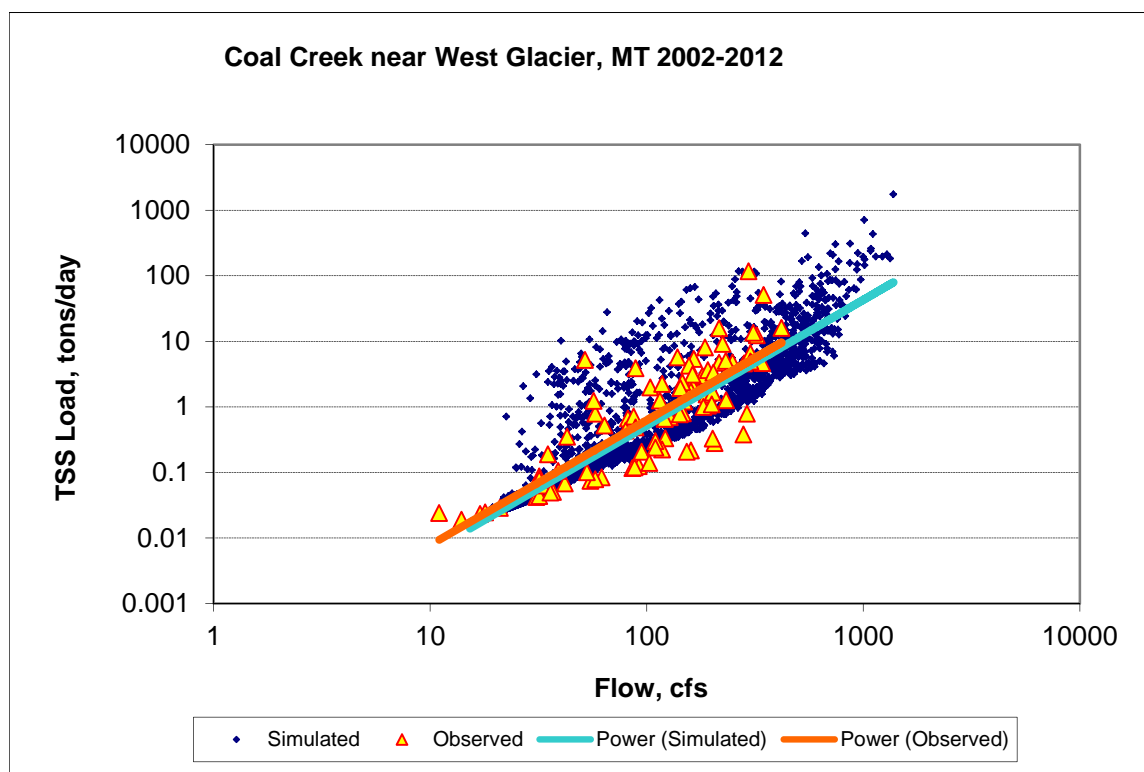


Figure H-194. Calibration Observed and Modeled TSS Load vs. Flow Regression, 482518113420101 Coal Creek near West Glacier, MT

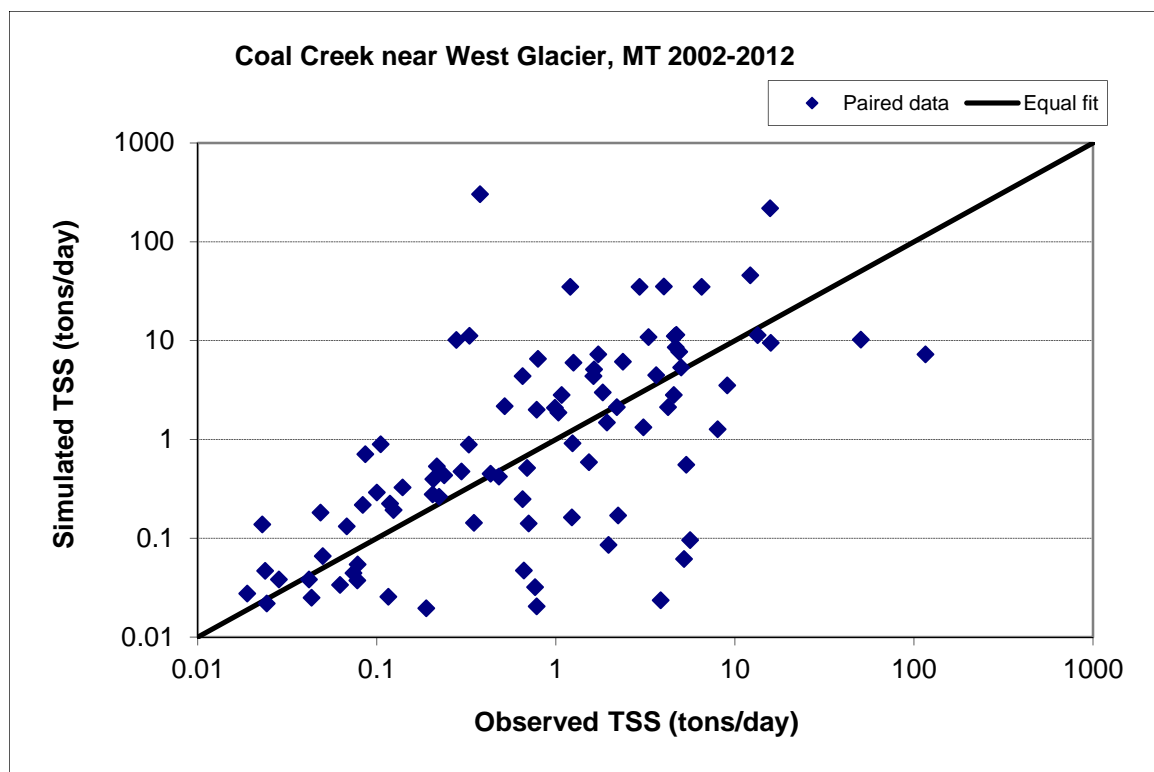


Figure H-195. Calibration Observed and Modeled TSS Daily Paired Load Regression, 482518113420101 Coal Creek near West Glacier, MT

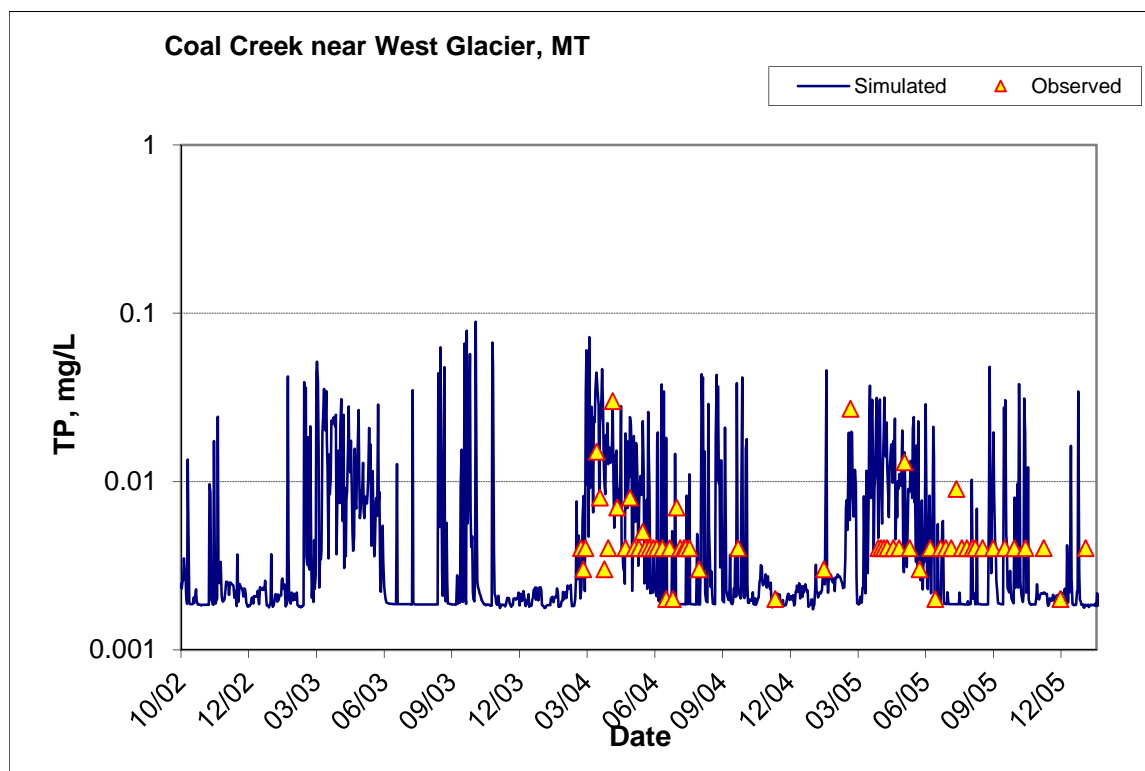


Figure H-196. Calibration Observed and Modeled TP Time series Oct.2002 through Jan.2006, 482518113420101 Coal Creek near West Glacier, MT

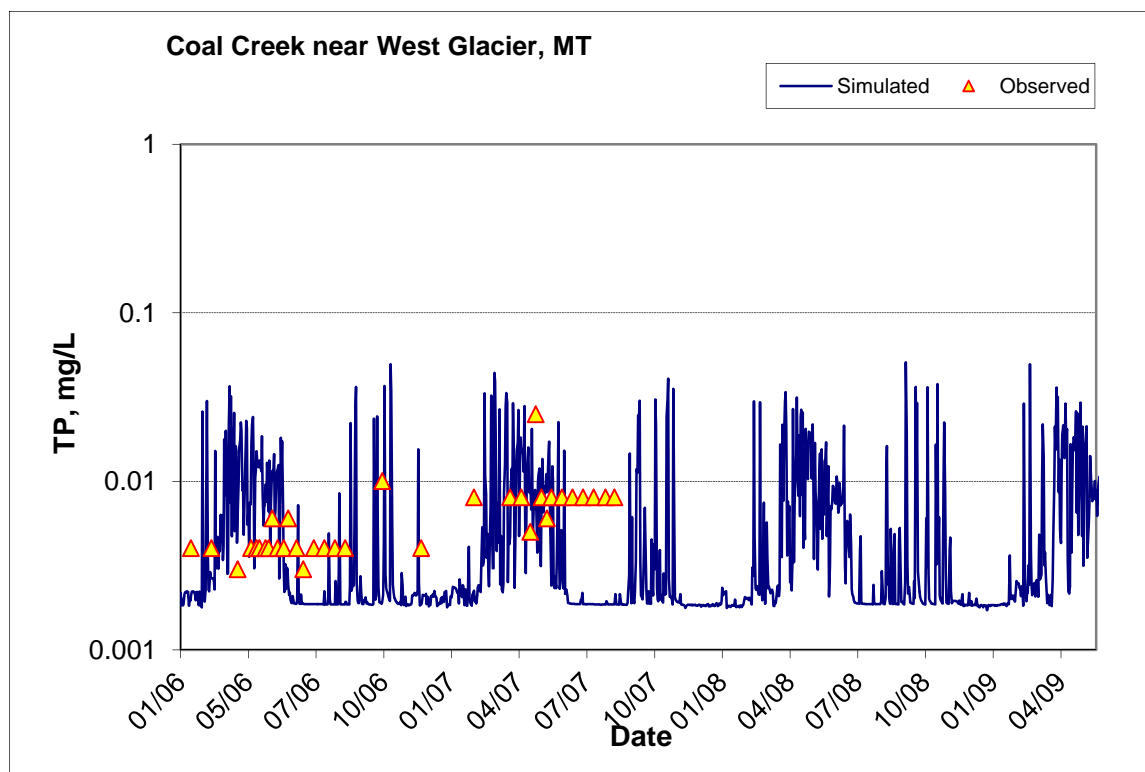


Figure H-197. Calibration Observed and Modeled TP Time series Feb. 2006 through May 2009, 482518113420101 Coal Creek near West Glacier, MT

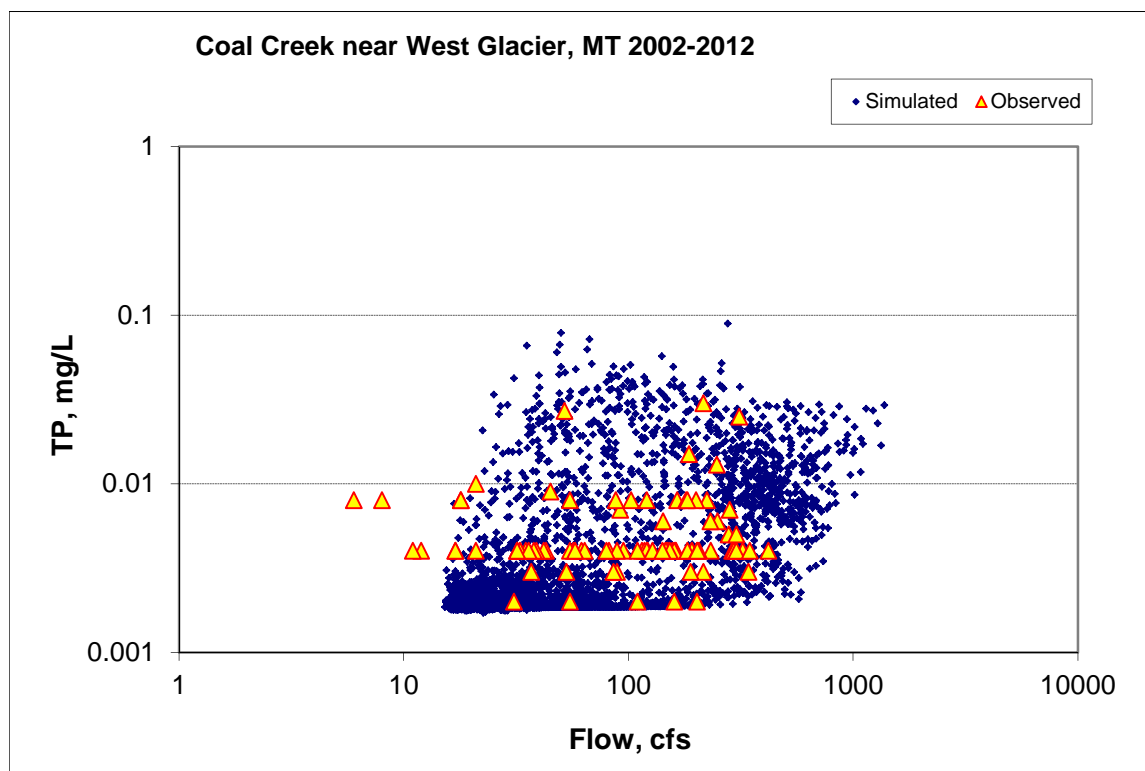
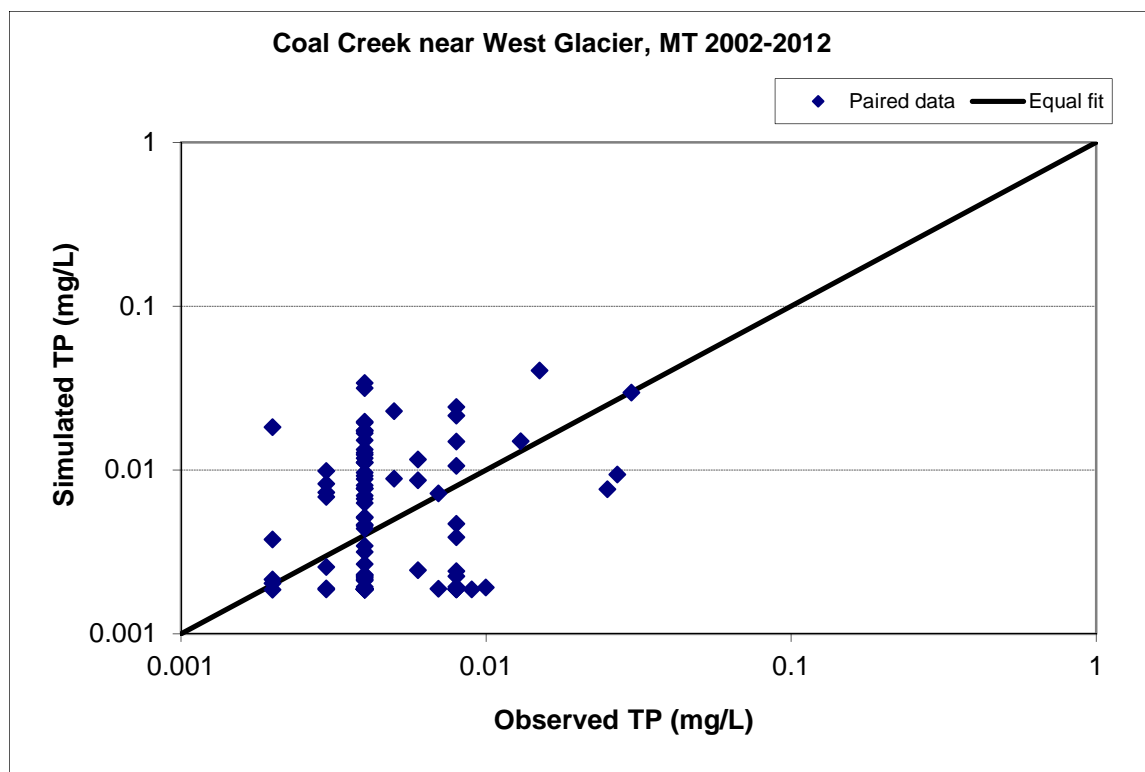
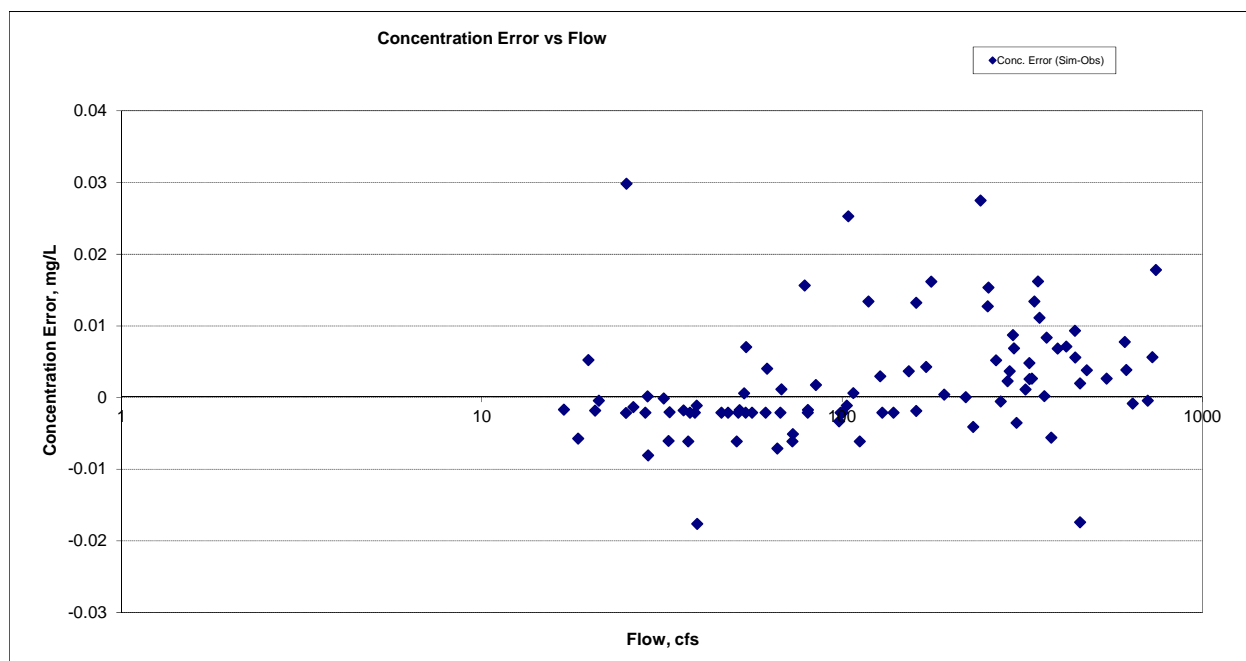


Figure H-198. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 482518113420101 Coal Creek near West Glacier, MT



**Figure H-199. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 482518113420101 Coal Creek near West Glacier, MT**



**Figure H-200. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 482518113420101 Coal Creek near West Glacier, MT**

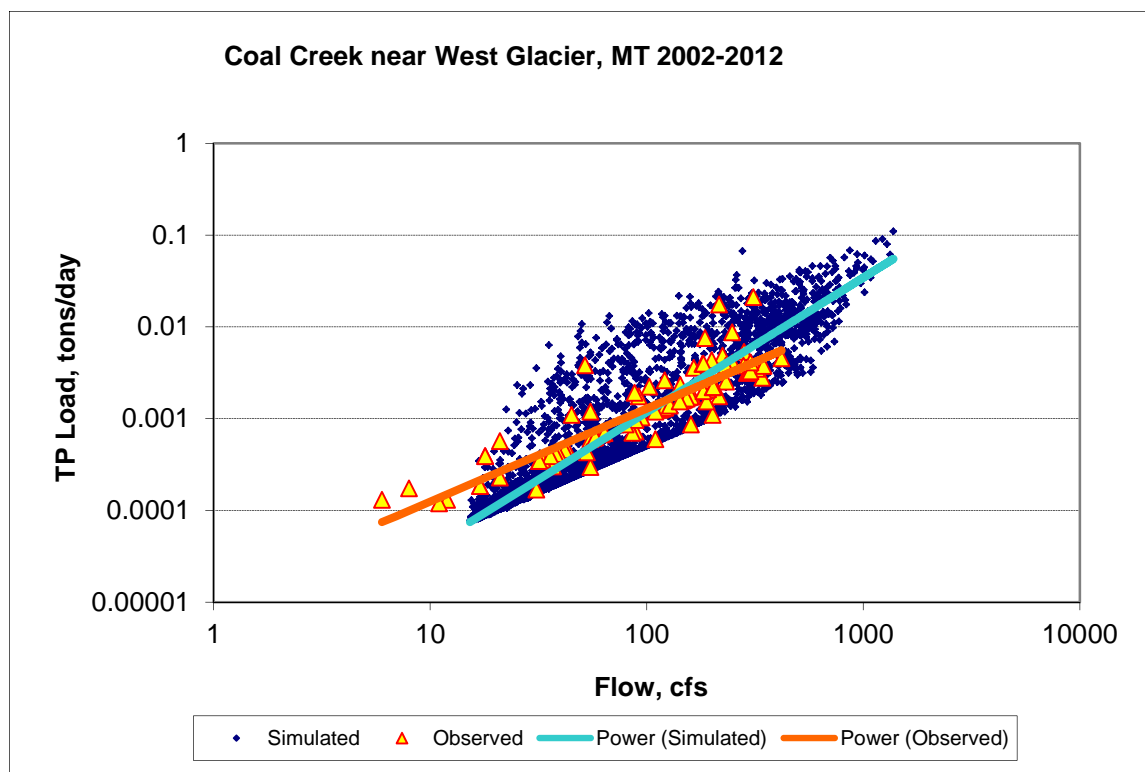


Figure H-201. Calibration Observed and Modeled TP Load vs. Flow Regression, 482518113420101 Coal Creek near West Glacier, MT

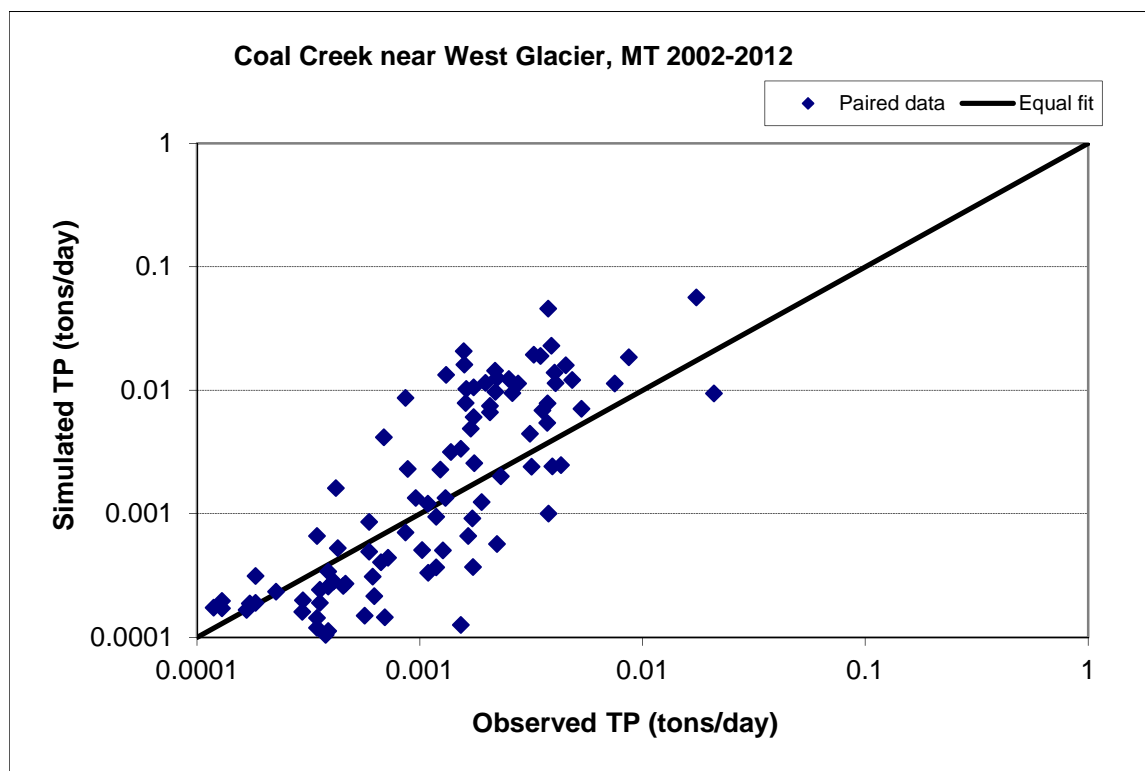


Figure H-202. Calibration Observed and Modeled TP Daily Paired Load Regression, 482518113420101 Coal Creek near West Glacier, MT

## **H-11. PINCHOT CREEK NEAR WEST GLACIER, MT (482520113420201)**

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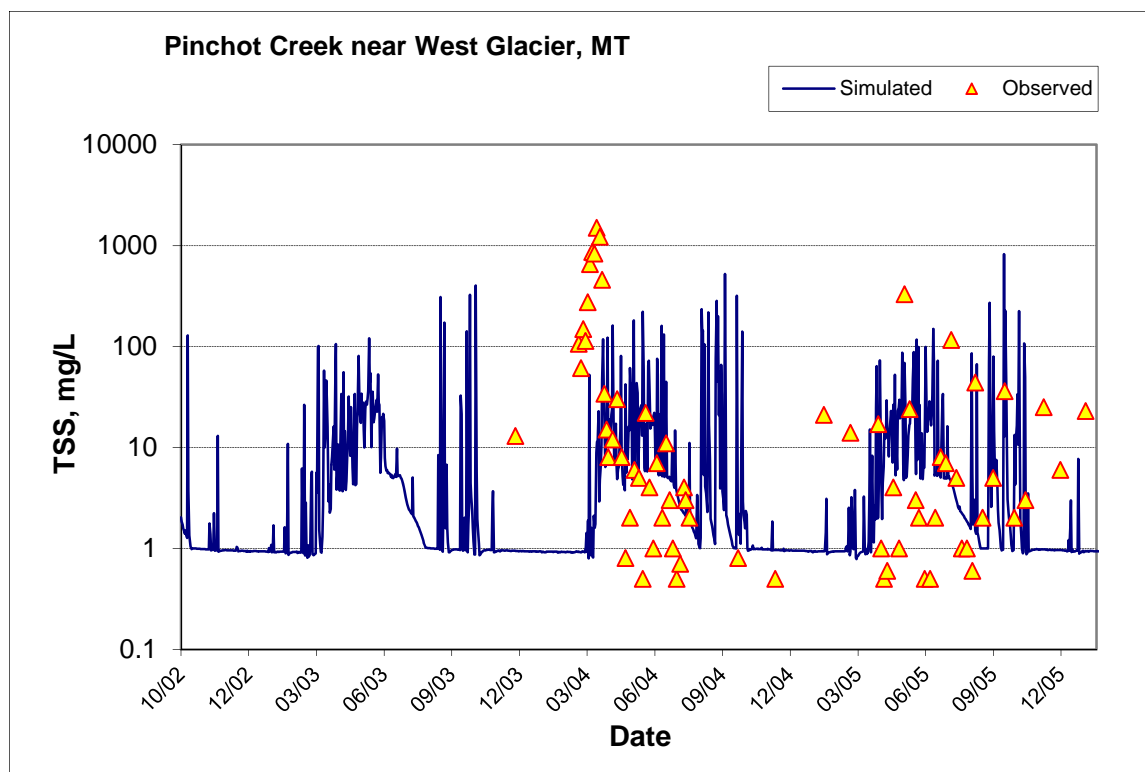


Figure H-203. Calibration Observed and Modeled TSS Time series Oct. 2002 through Jan. 2006, 482520113420201 Pinchot Creek near West Glacier, MT

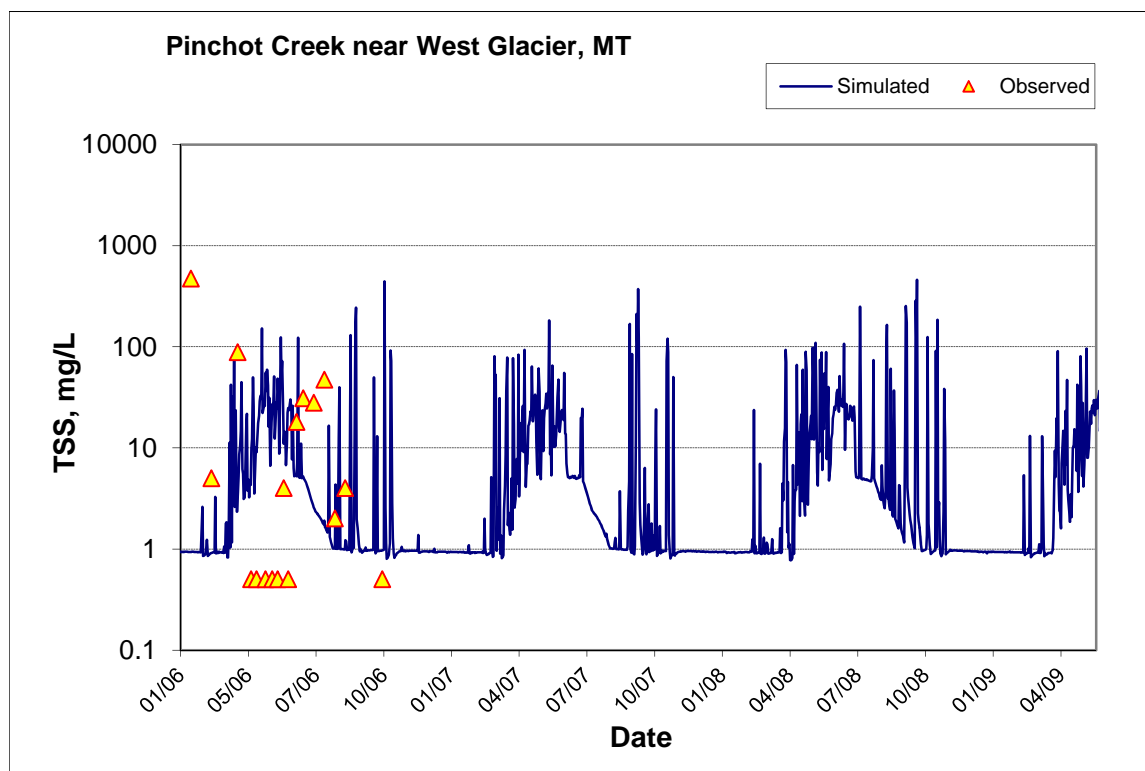


Figure H-204. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, 482520113420201 Pinchot Creek near West Glacier, MT

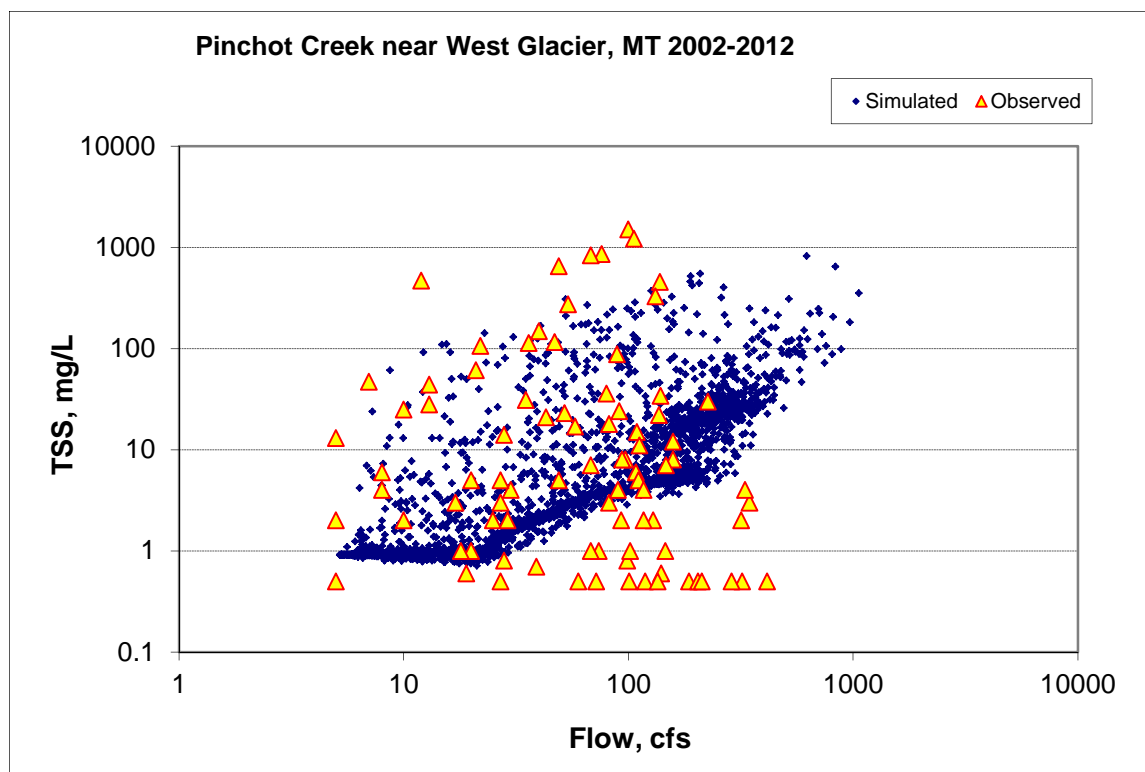


Figure H-205. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, 482520113420201 Pinchot Creek near West Glacier, MT

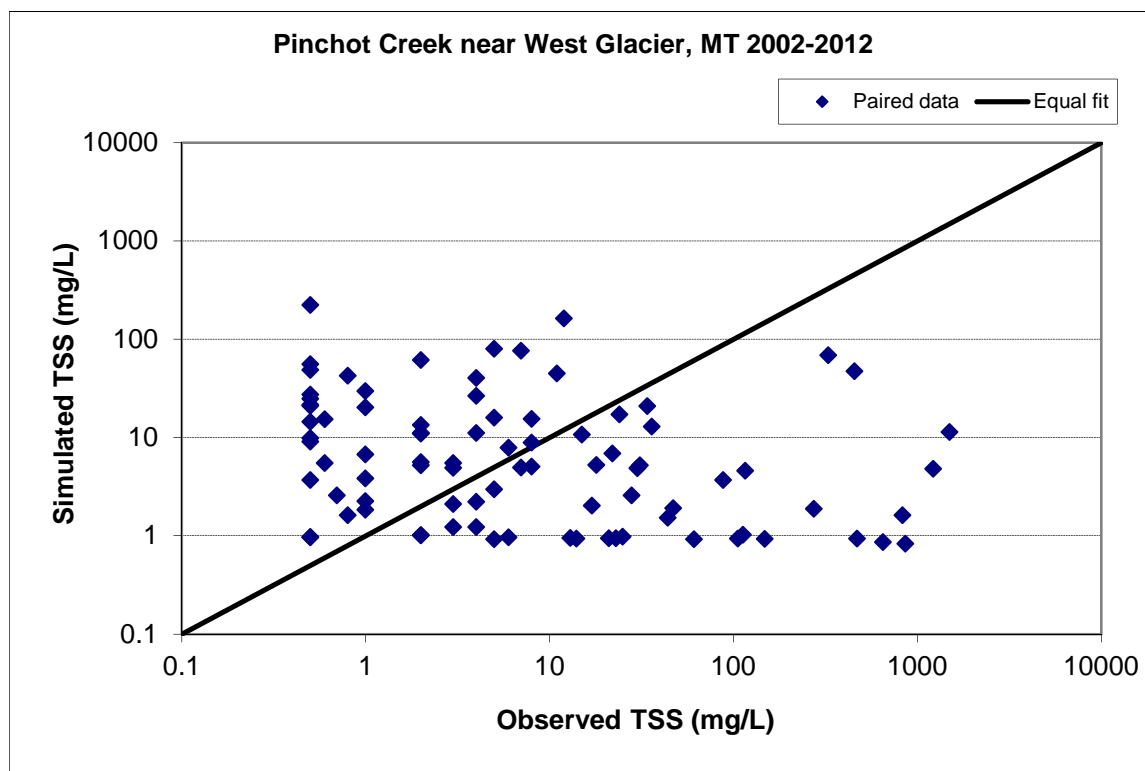


Figure H-206. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, 482520113420201 Pinchot Creek near West Glacier, MT



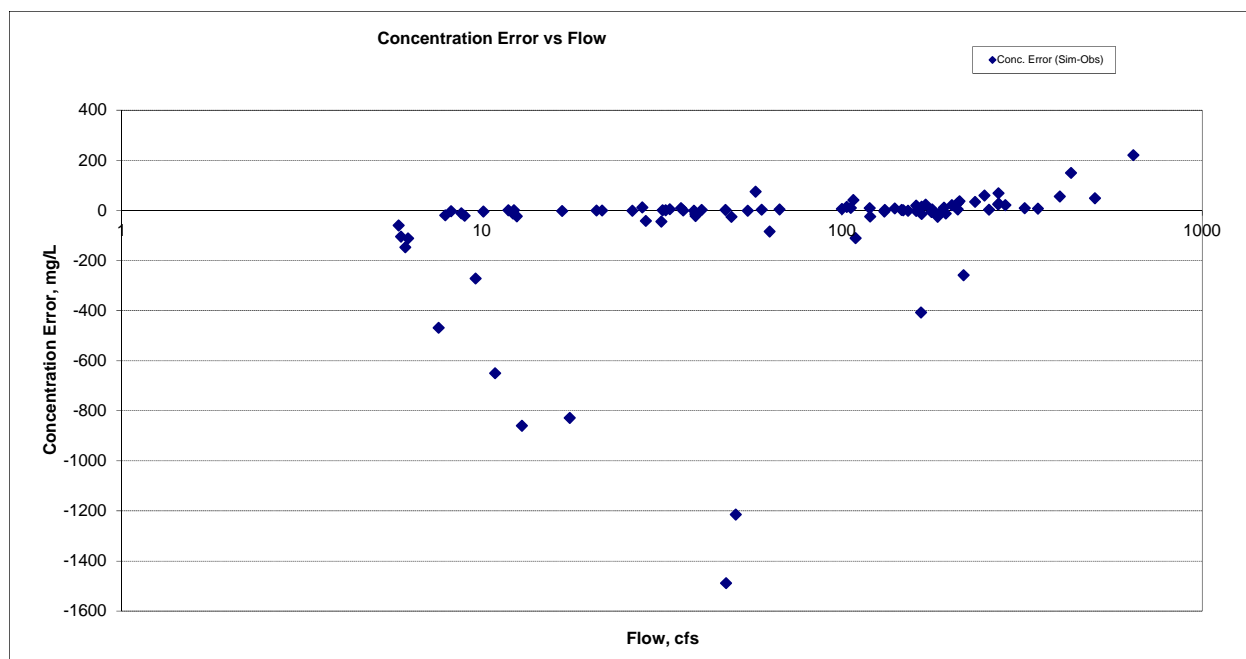


Figure H-207. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, 482520113420201 Pinchot Creek near West Glacier, MT

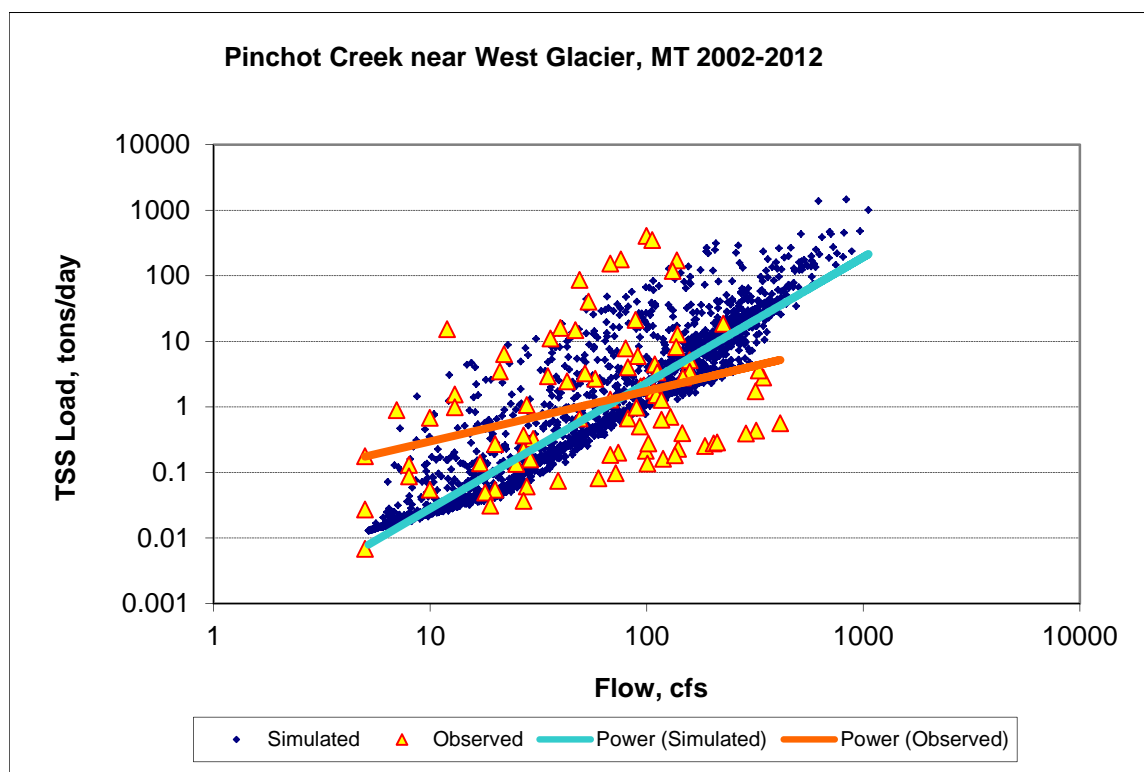


Figure H-208. Calibration Observed and Modeled TSS Load vs. Flow Regression, 482520113420201 Pinchot Creek near West Glacier, MT

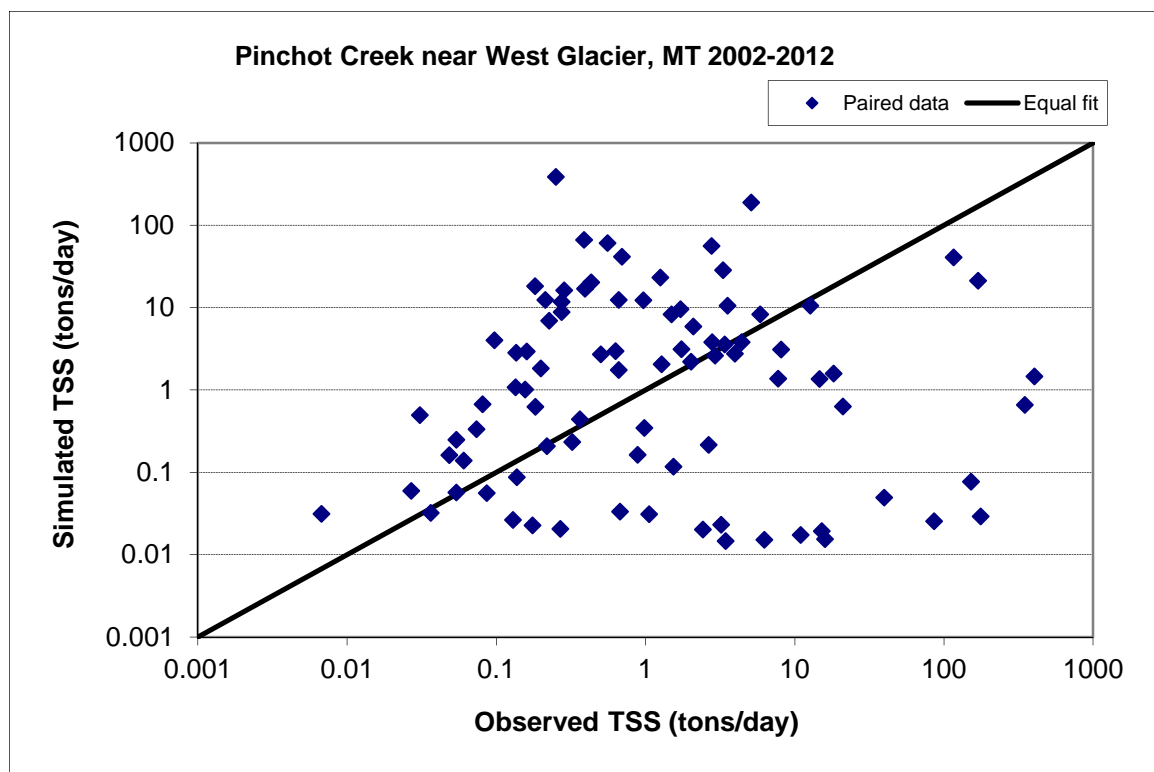


Figure H-209. Calibration Observed and Modeled TSS Daily Paired Load Regression, 482520113420201 Pinchot Creek near West Glacier, MT

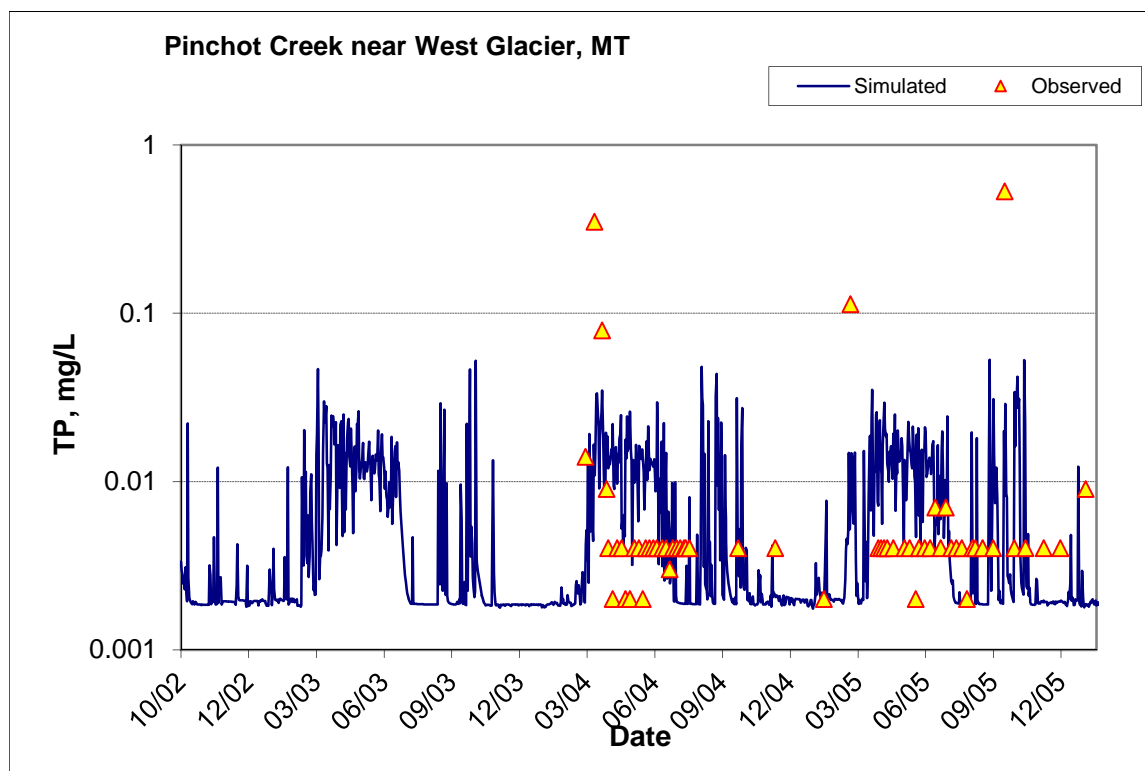


Figure H-210. Calibration Observed and Modeled TP Time series Oct.2002 through Jan.2006, 482520113420201 Pinchot Creek near West Glacier, MT

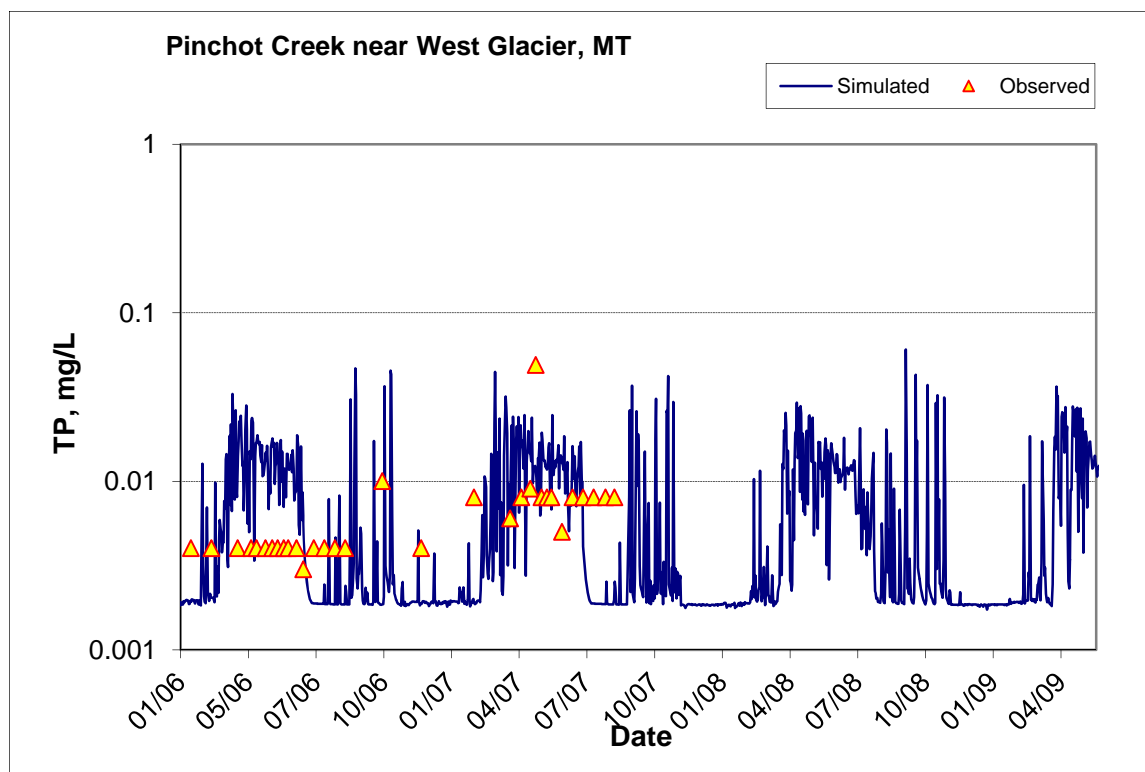


Figure H-211. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, 482520113420201 Pinchot Creek near West Glacier, MT

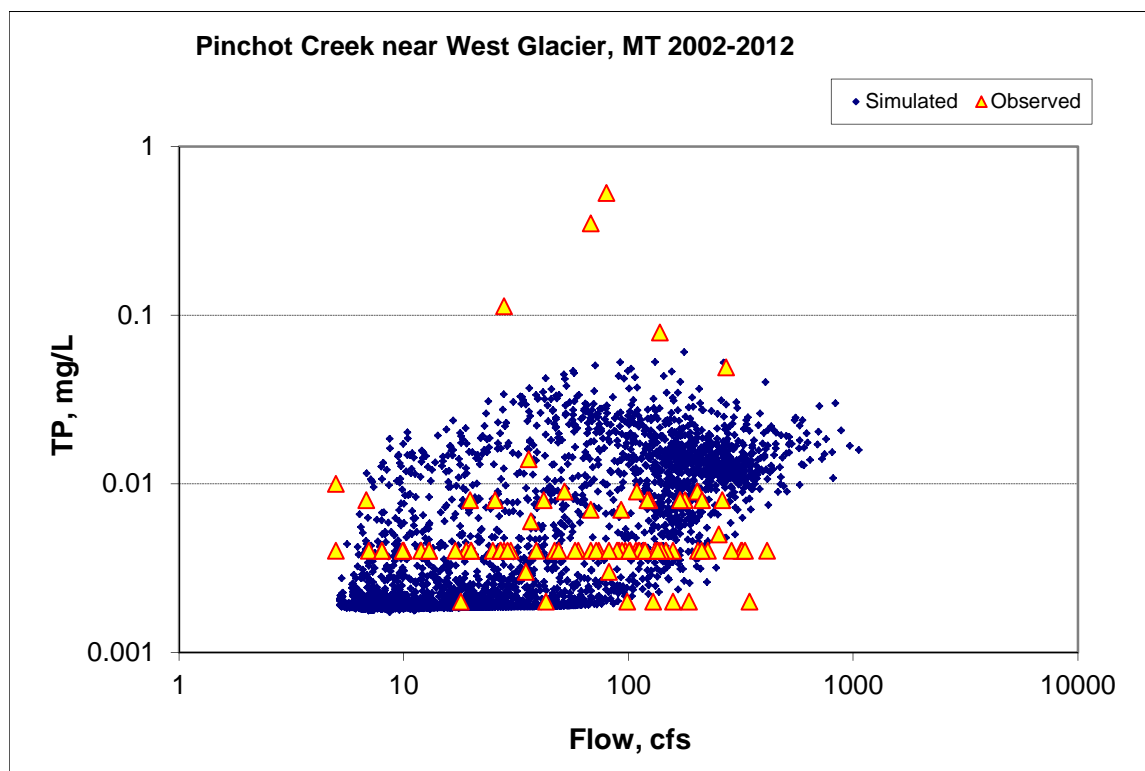
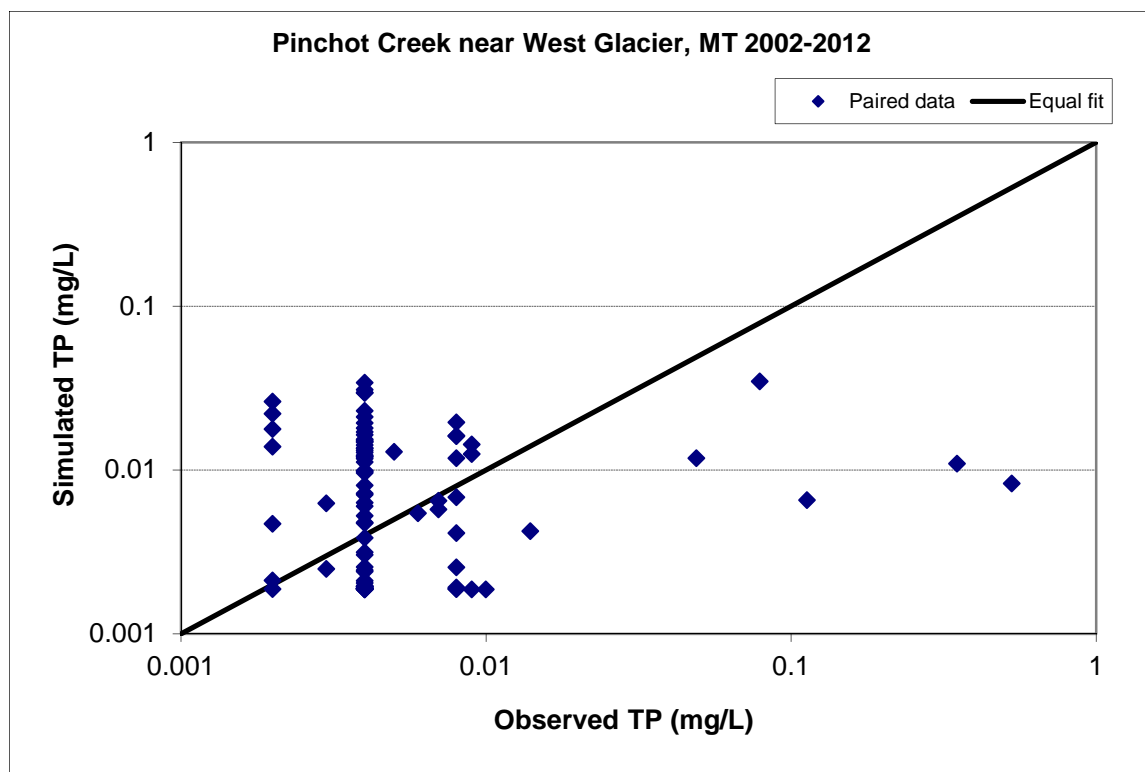
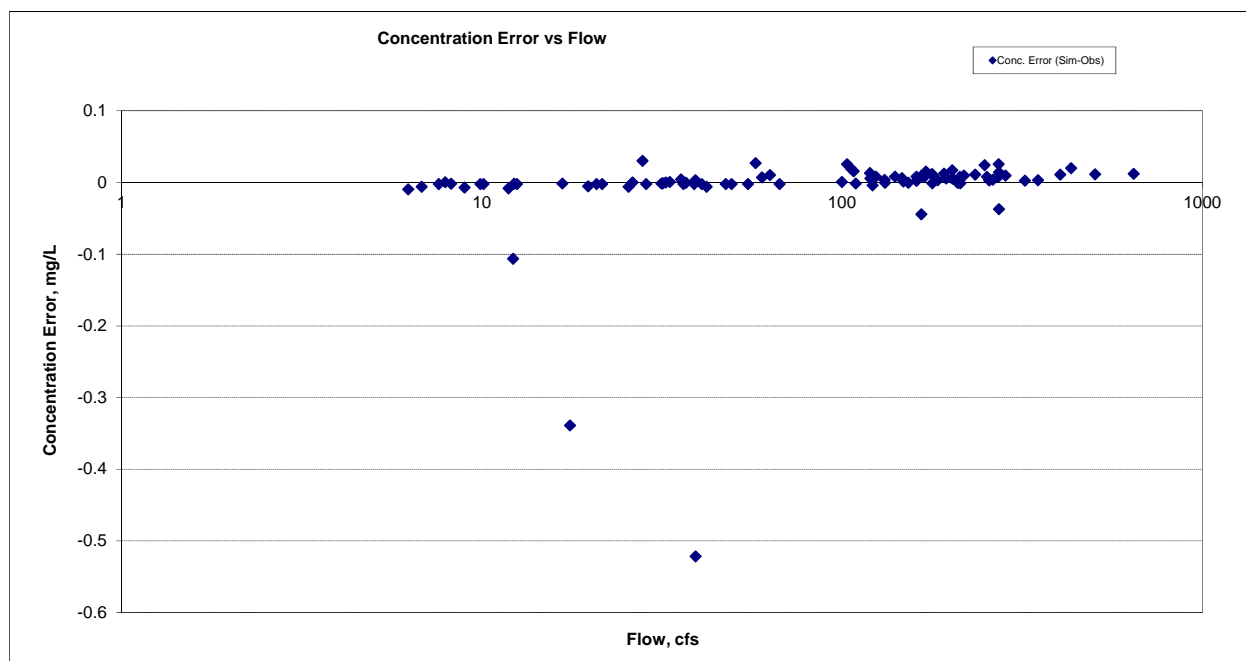


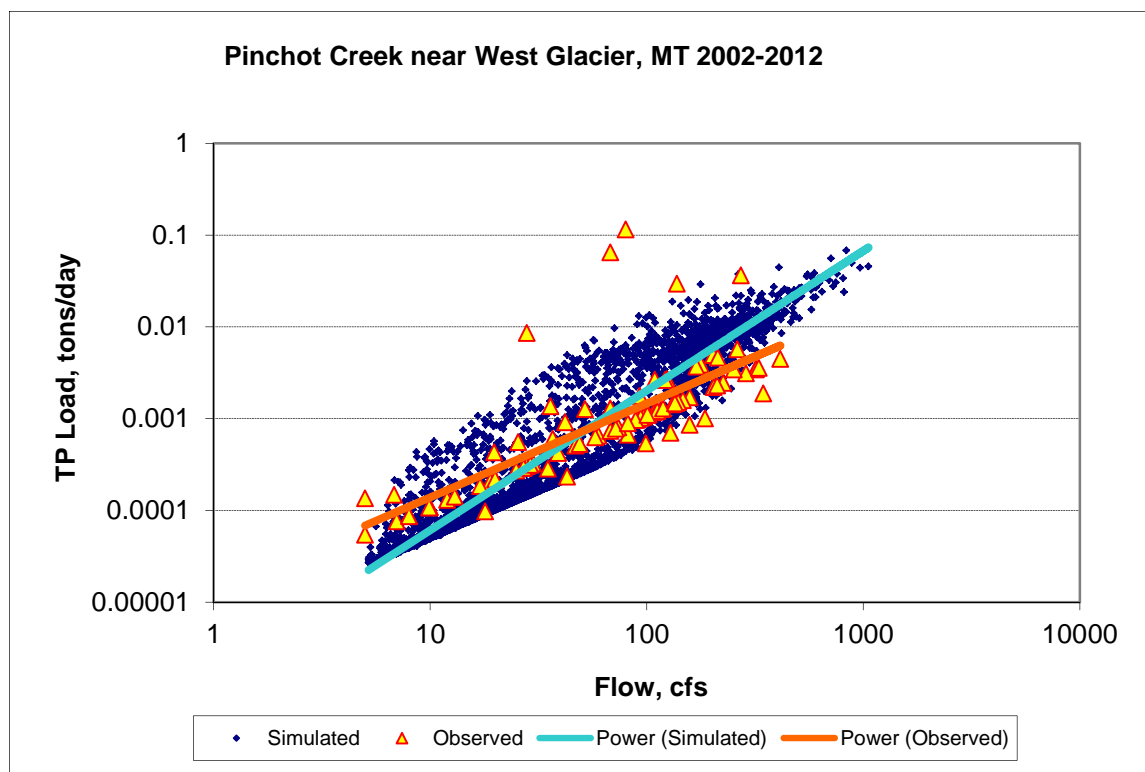
Figure H-212. Calibration Observed and Modeled TP Concentration vs. Flow Regression, 482520113420201 Pinchot Creek near West Glacier, MT



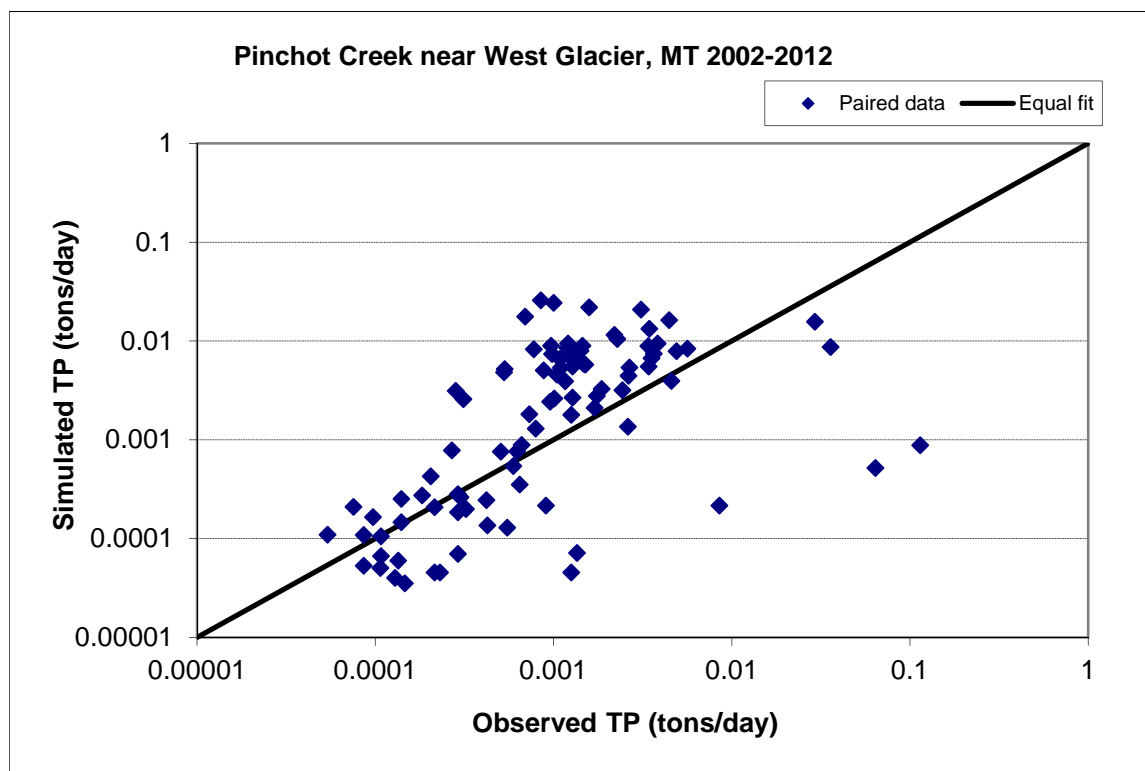
**Figure H-213. Calibration Observed and Modeled TP Daily Paired Concentration Regression, 482520113420201 Pinchot Creek near West Glacier, MT**



**Figure H-214. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, 482520113420201 Pinchot Creek near West Glacier, MT**



**Figure H-215. Calibration Observed and Modeled TP Load vs. Flow Regression, 482520113420201 Pinchot Creek near West Glacier, MT**



**Figure H-216. Calibration Observed and Modeled TP Daily Paired Load Regression, 482520113420201 Pinchot Creek near West Glacier, MT**

## **H-12. ASHLEY CREEK BELOW KALISPELL SEWAGE TREATMENT PLANT (FBC05003)**

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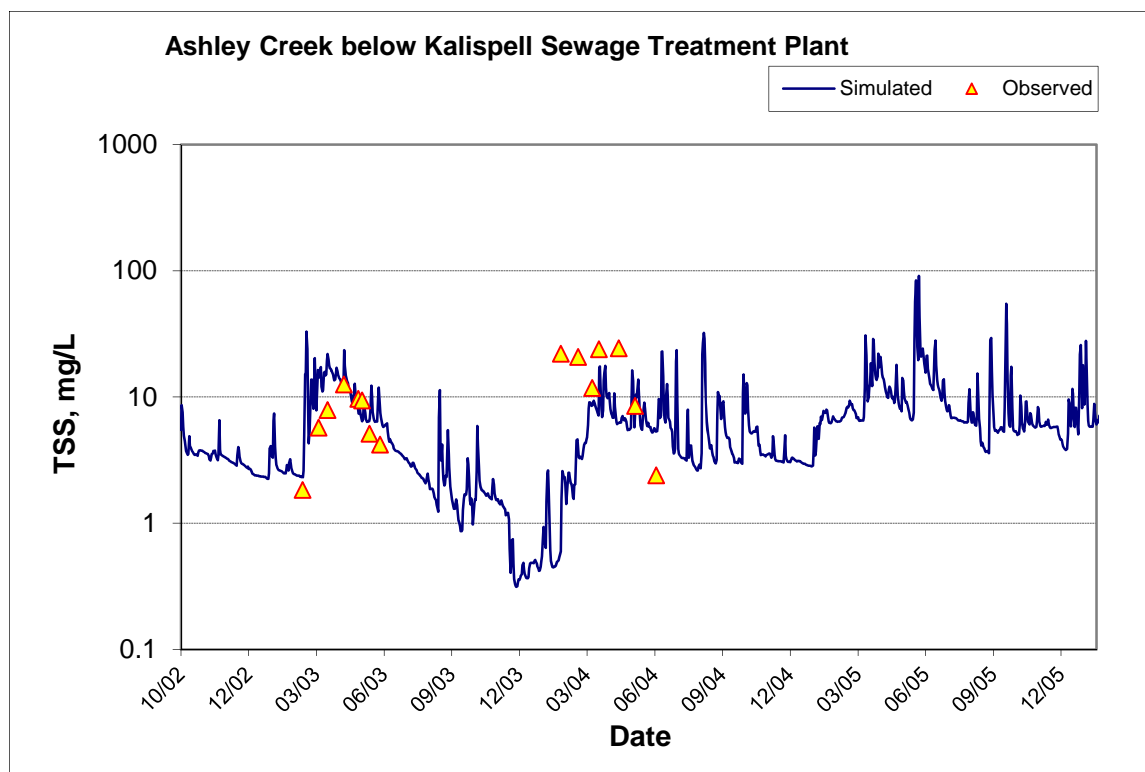


Figure H-217. Calibration Observed and Modeled TSS Time series Oct.2002 through Jan.2006, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

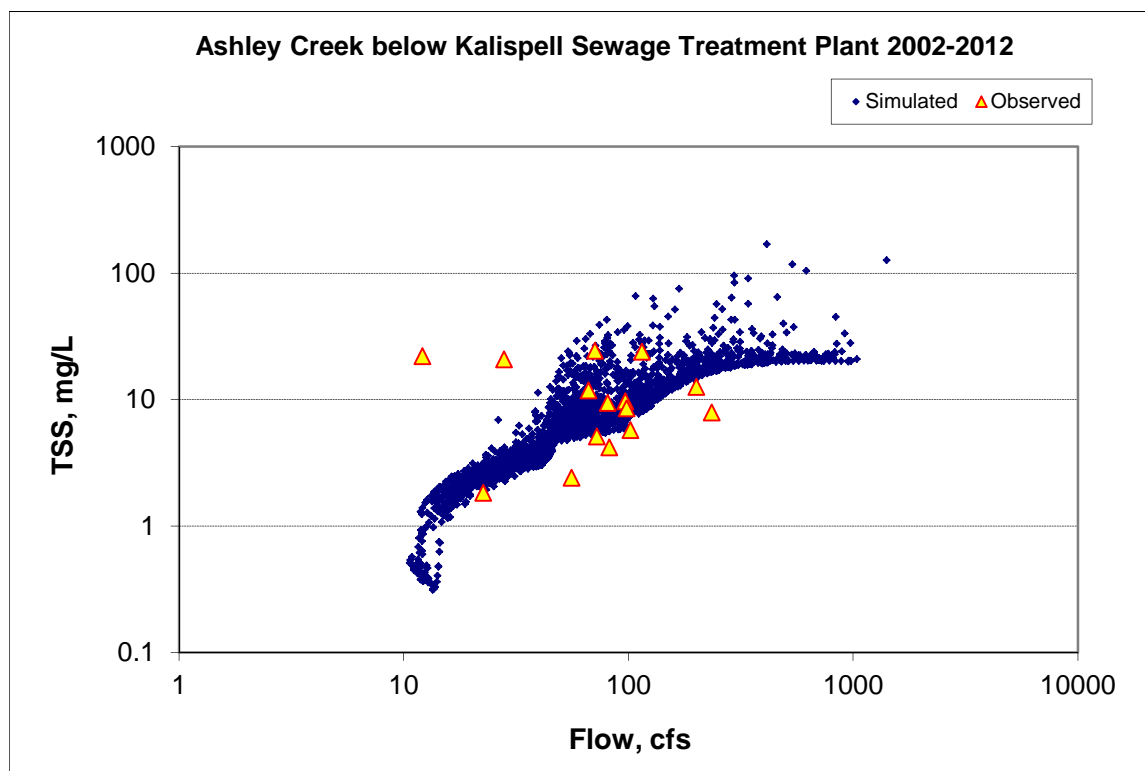
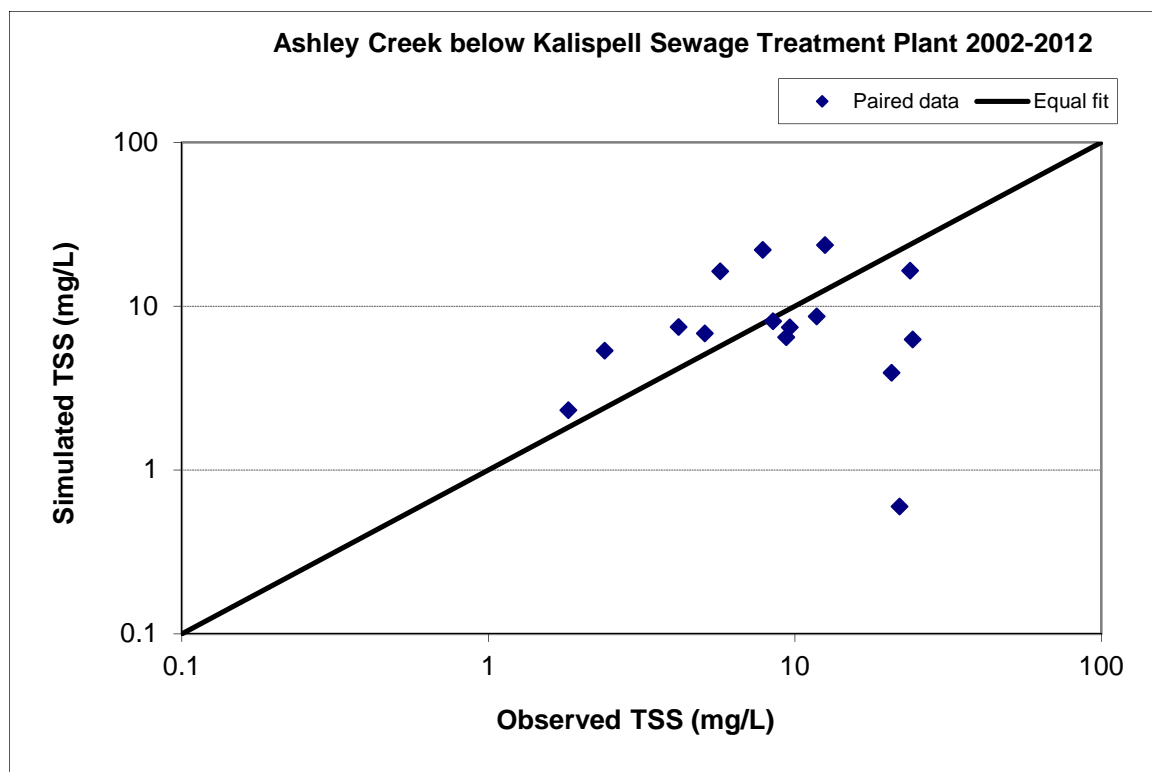
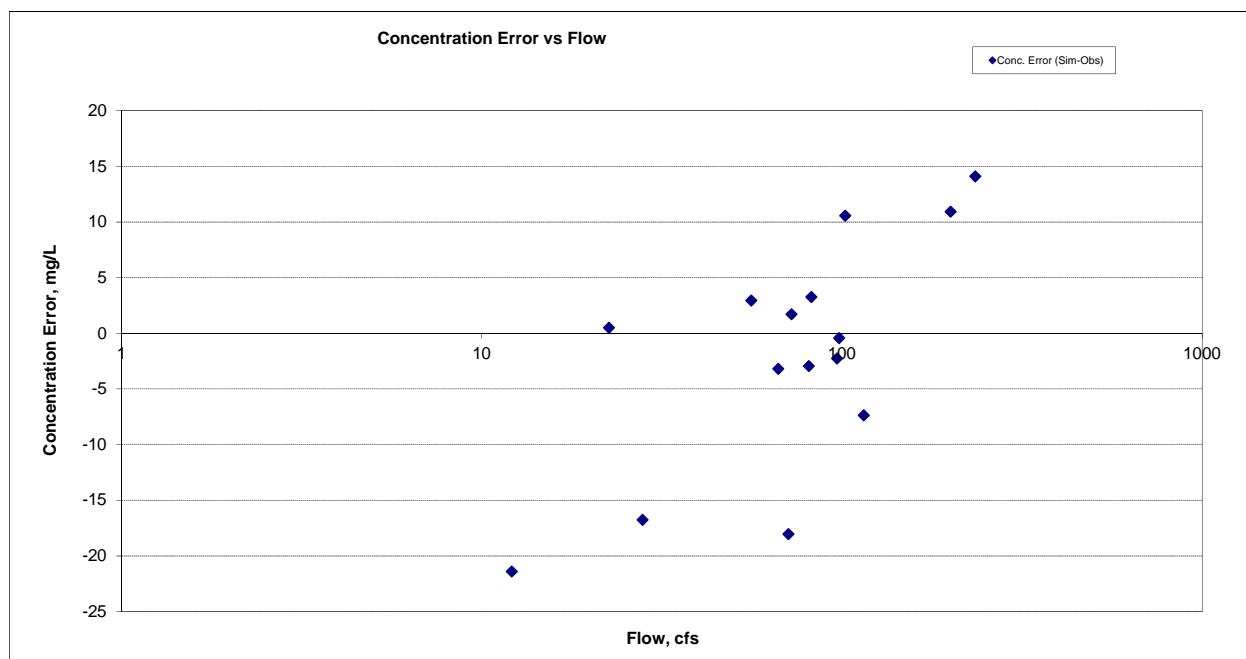


Figure H-218. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant



**Figure H-219. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant**



**Figure H-220. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant**



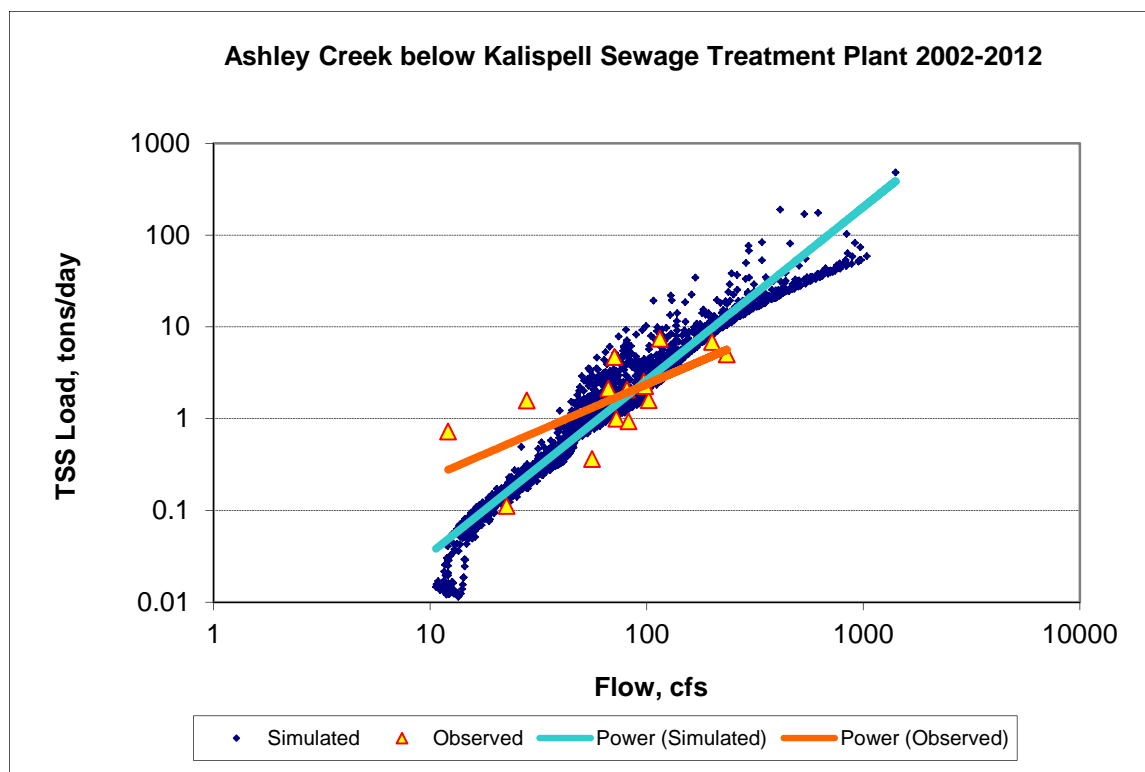


Figure H-221. Calibration Observed and Modeled TSS Load vs. Flow Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

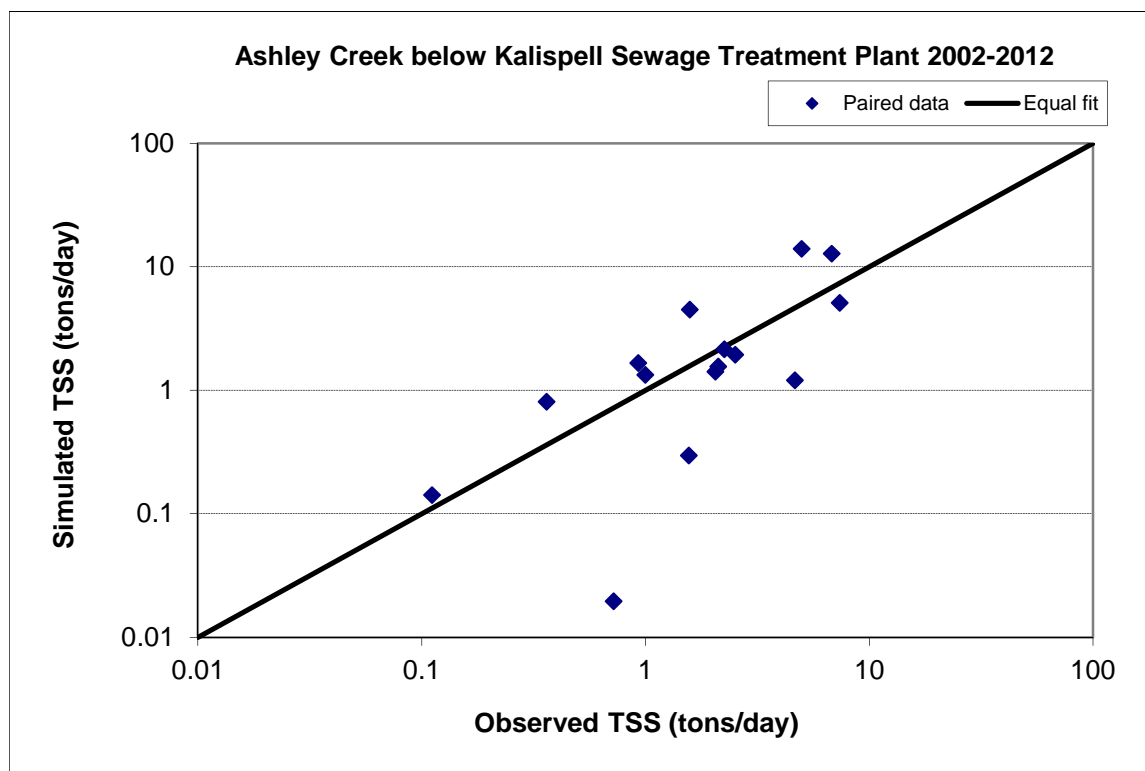
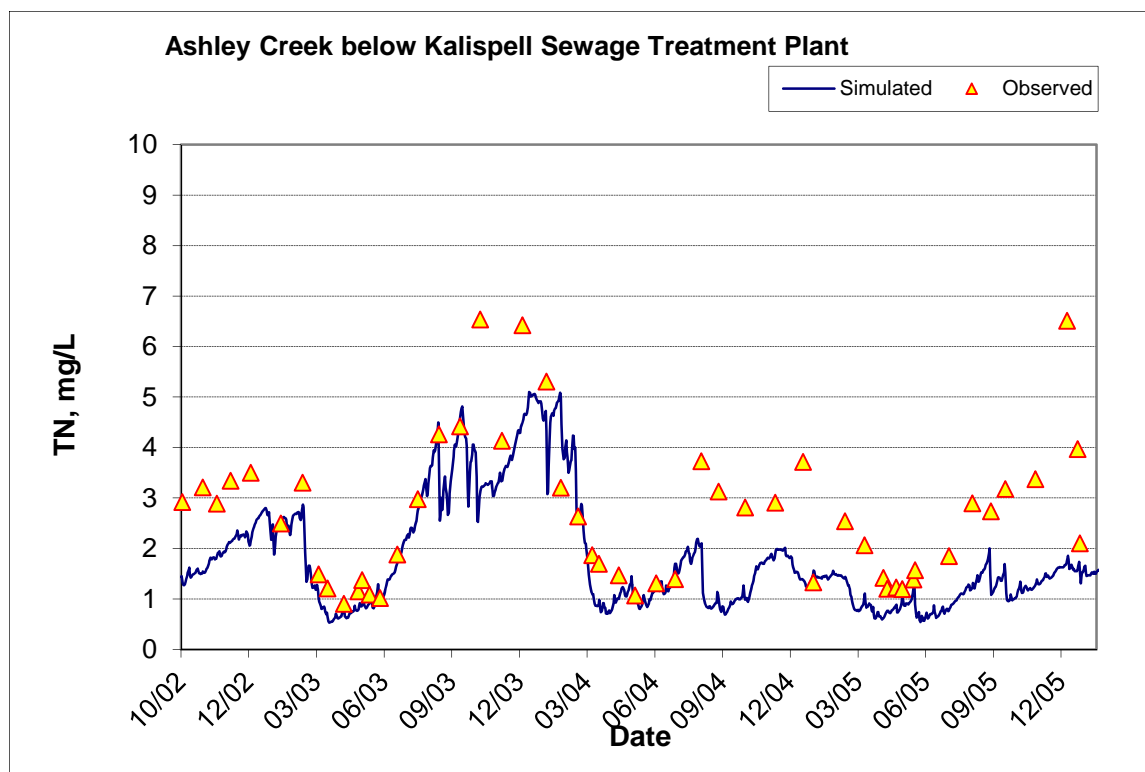
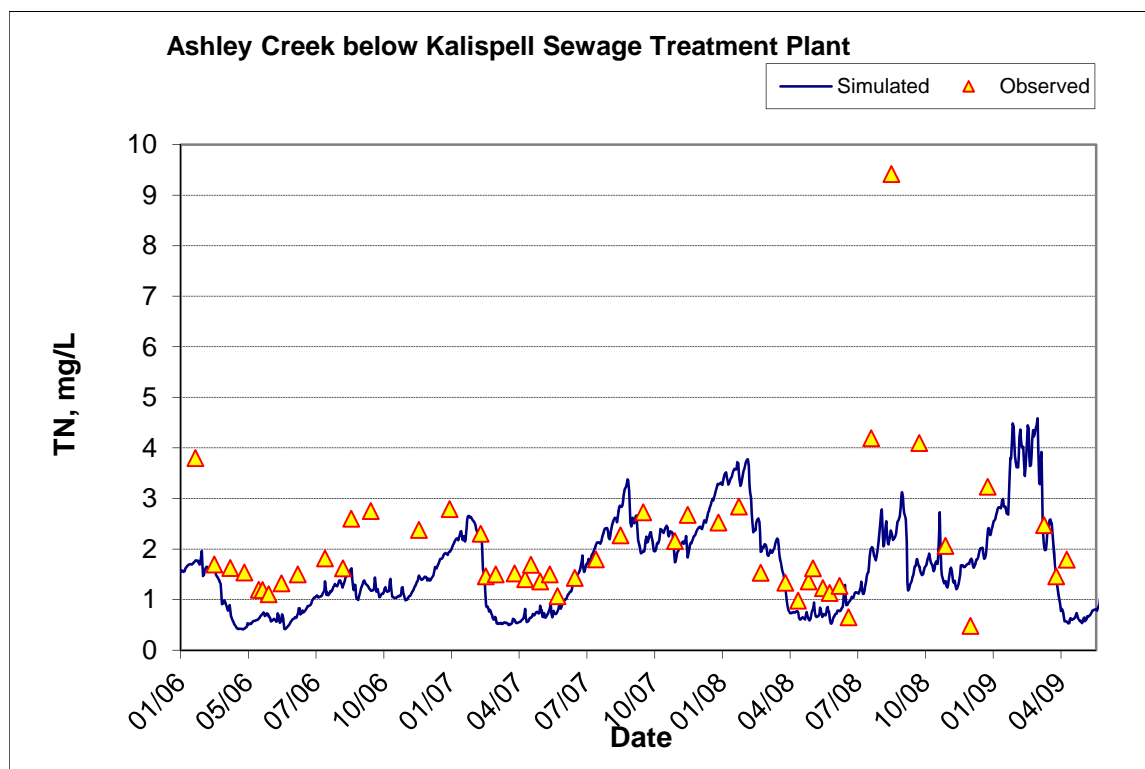


Figure H-222. Calibration Observed and Modeled TSS Daily Paired Load Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant



**Figure H-223. Calibration Observed and Modeled TN Time series Oct.2002 through Jan.2006, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant**



**Figure H-224. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant**

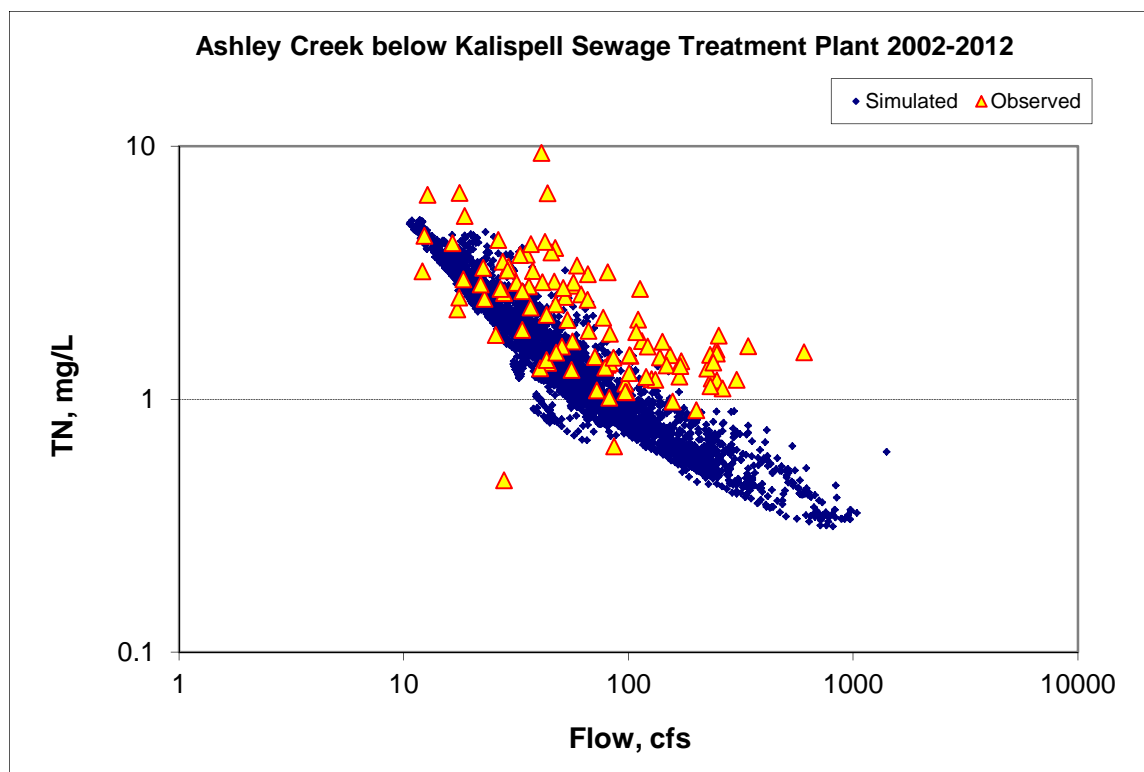


Figure H-225. Calibration Observed and Modeled TN Concentration vs. Flow Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

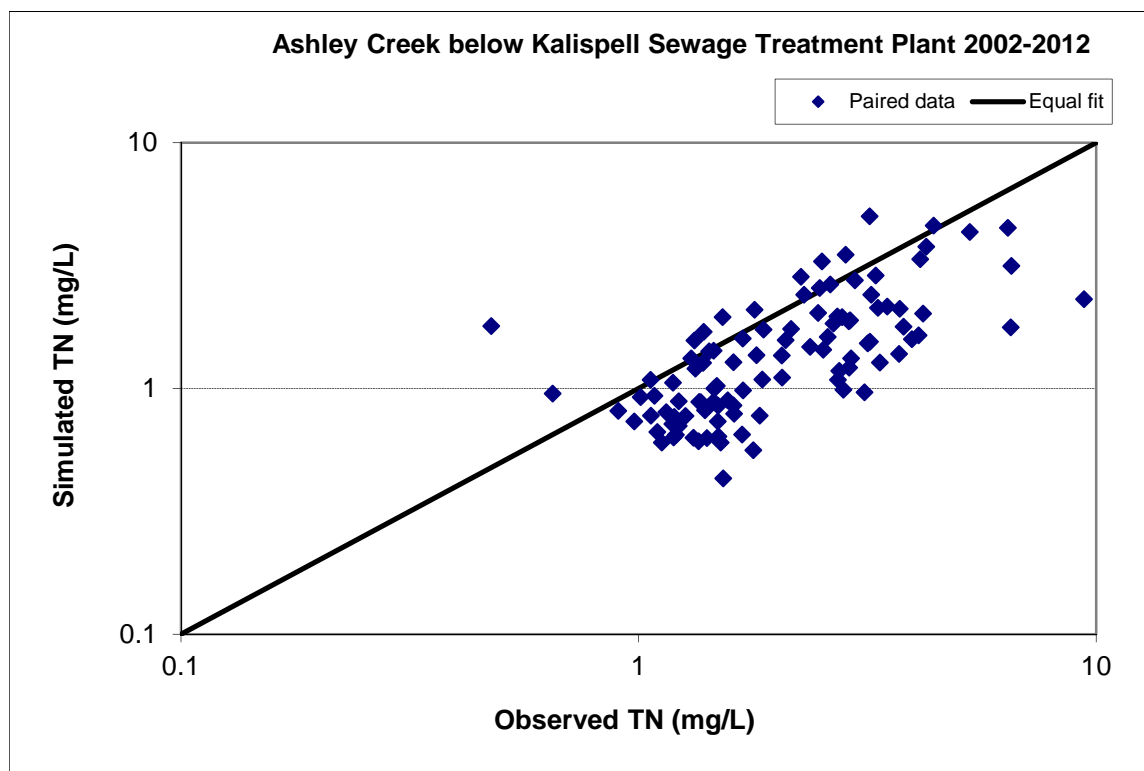


Figure H-226. Calibration Observed and Modeled TN Daily Paired Concentration Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

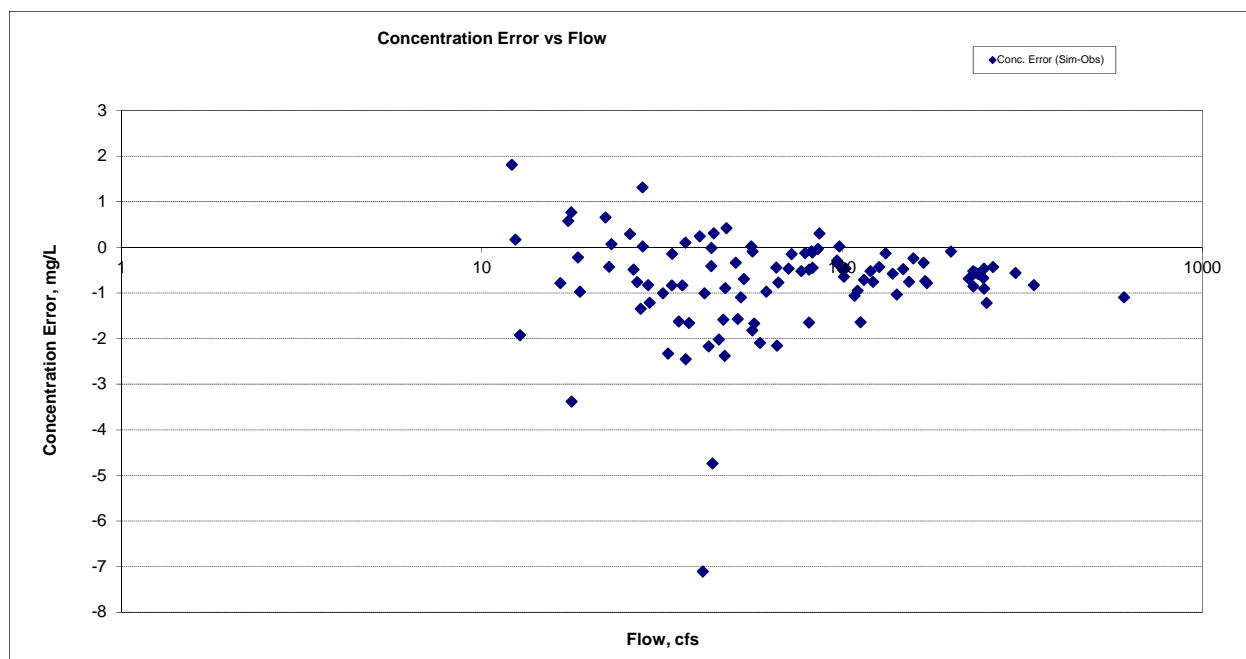


Figure H-227. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

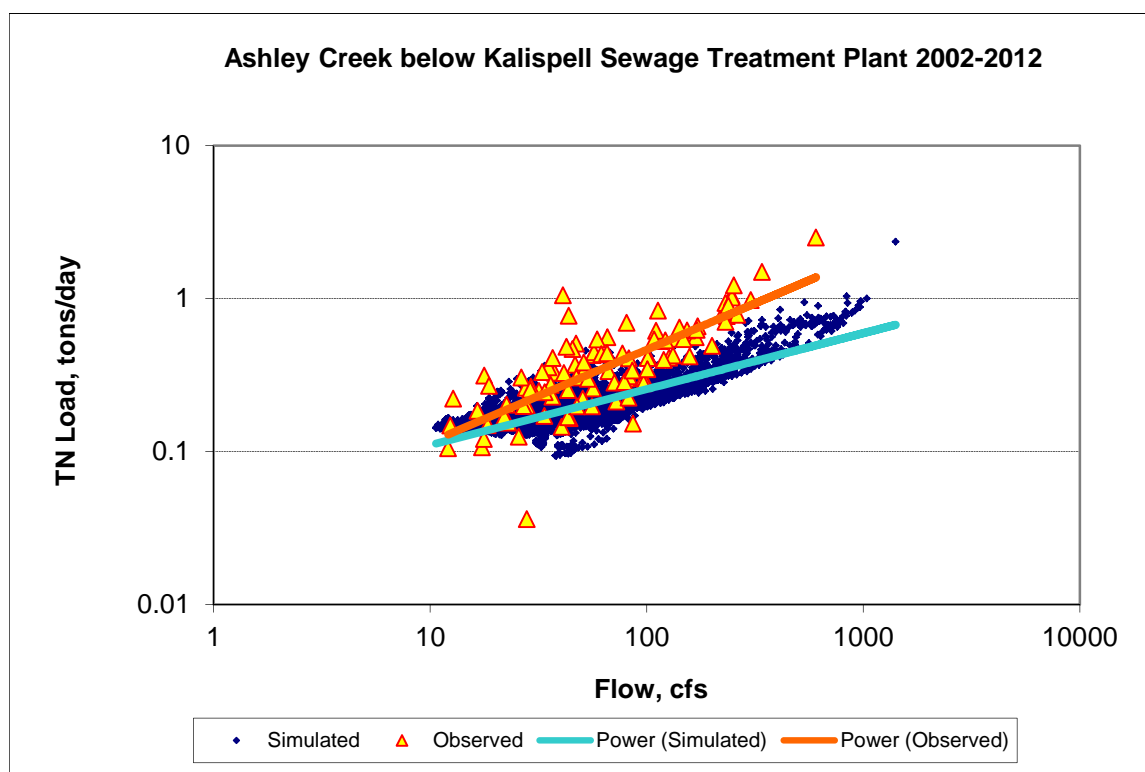


Figure H-228. Calibration Observed and Modeled TN Load vs. Flow Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

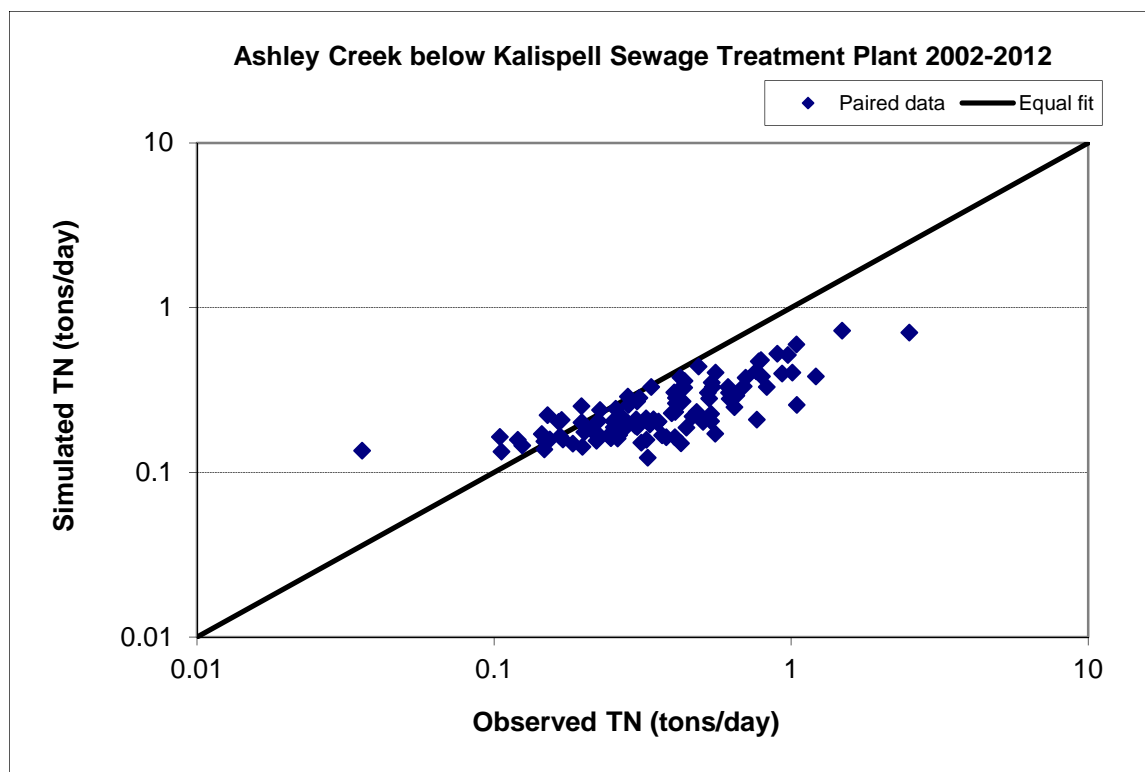


Figure H-229. Calibration Observed and Modeled TN Daily Paired Load Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

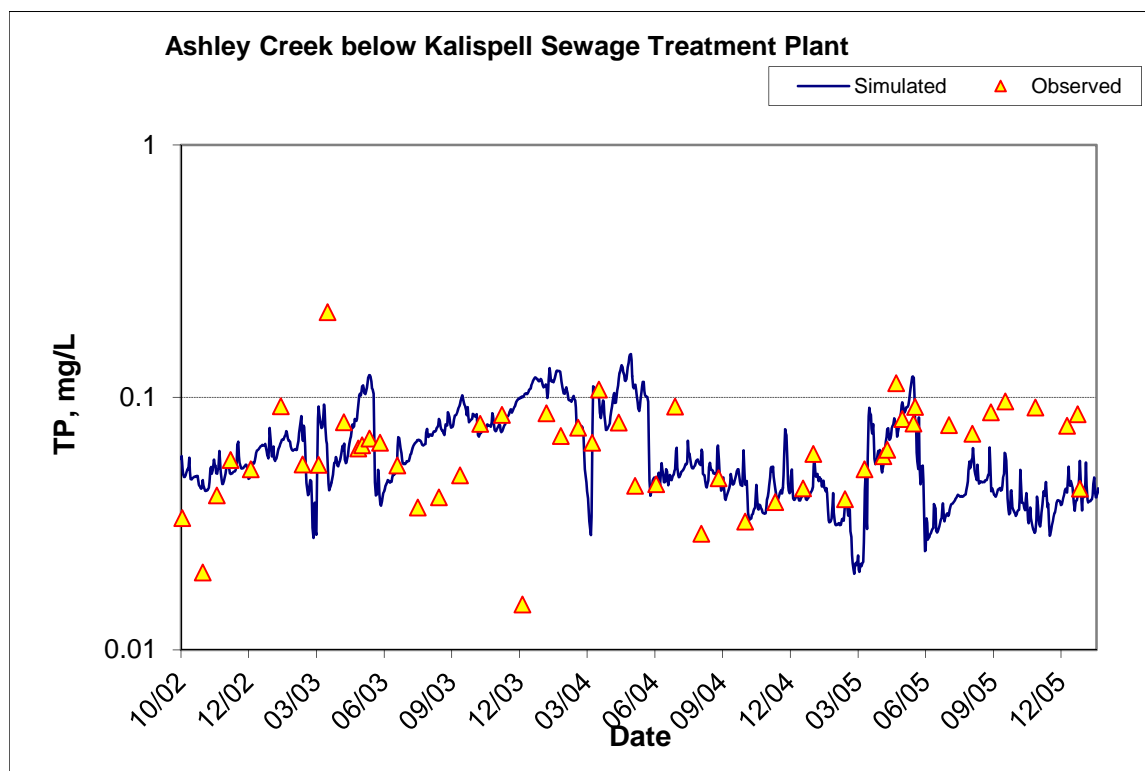


Figure H-230. Calibration Observed and Modeled TP Time series Oct.2002 through Jan.2006, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

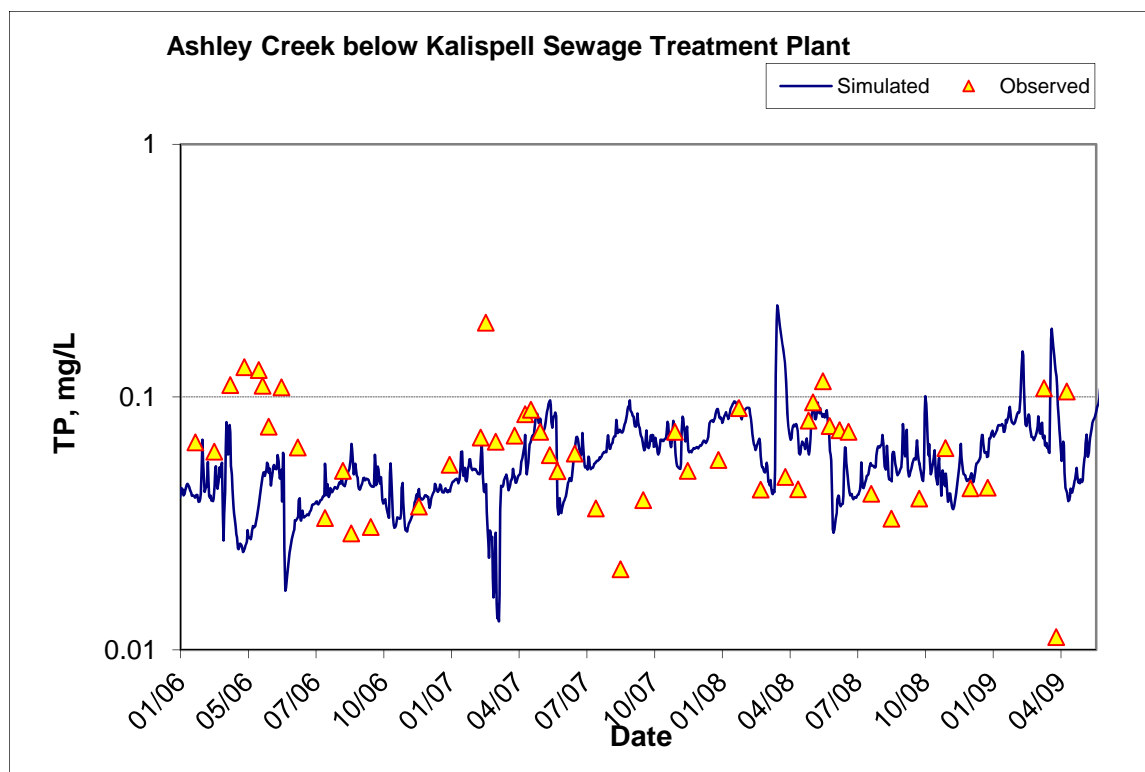


Figure H-231. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

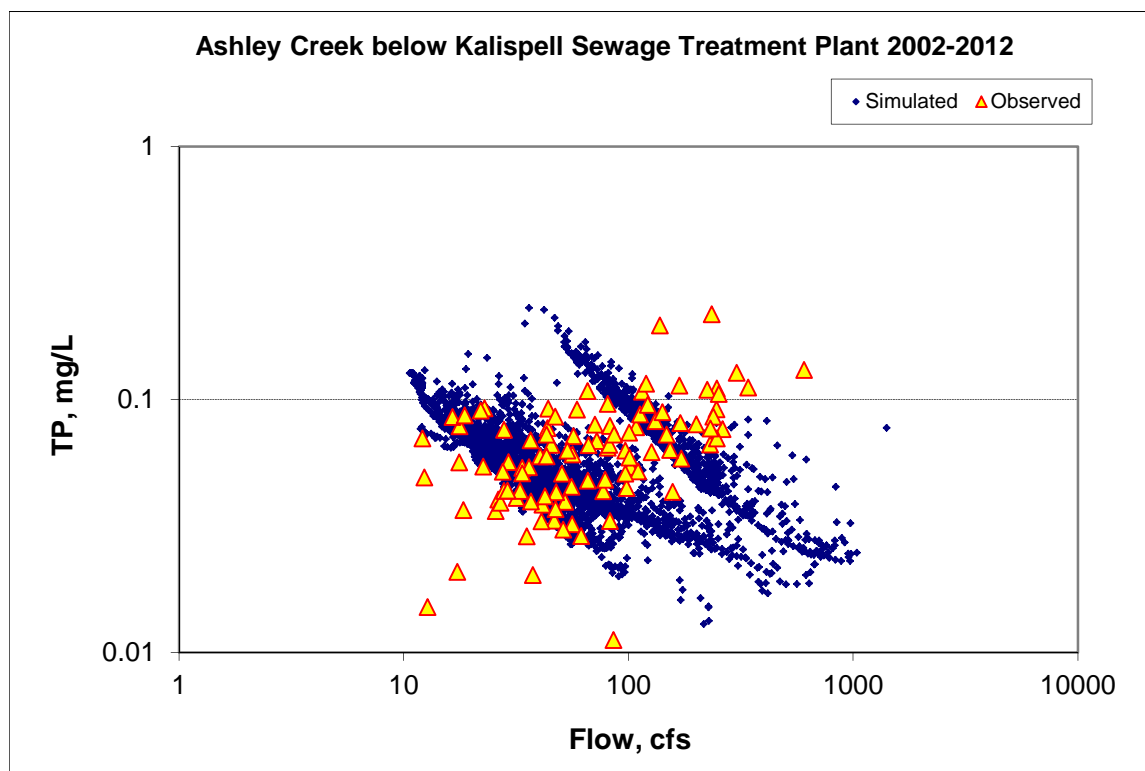


Figure H-232. Calibration Observed and Modeled TP Concentration vs. Flow Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

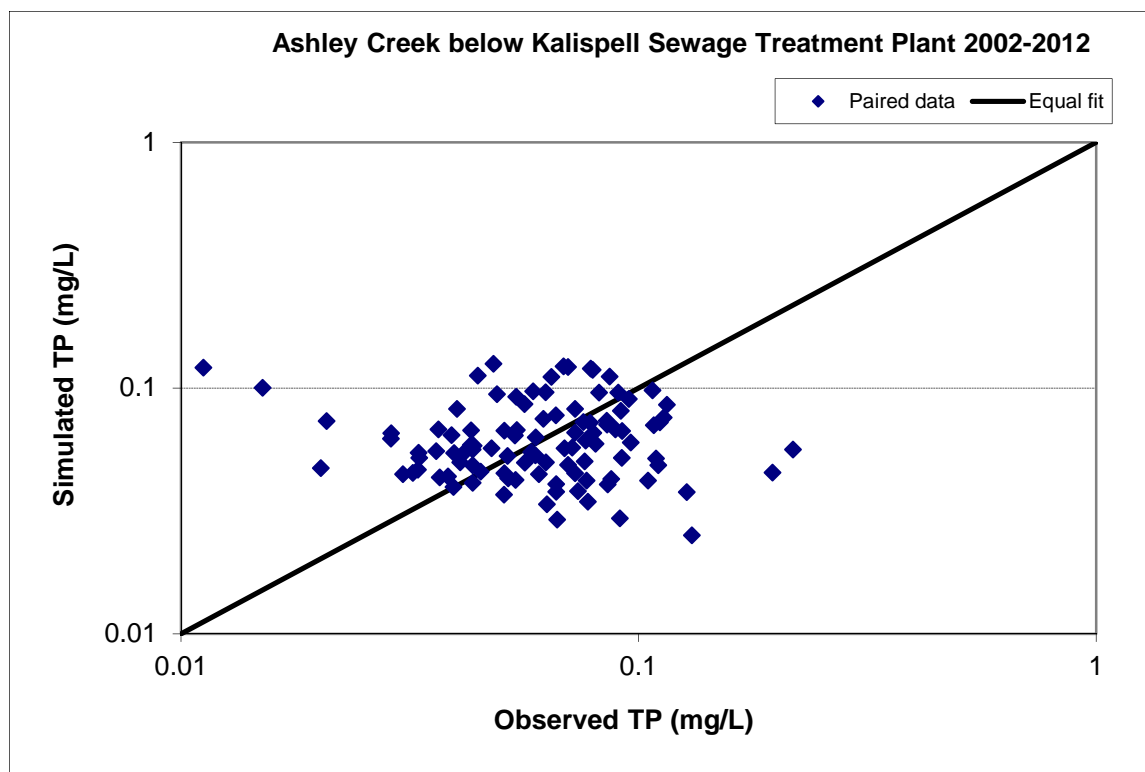


Figure H-233. Calibration Observed and Modeled TP Daily Paired Concentration Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

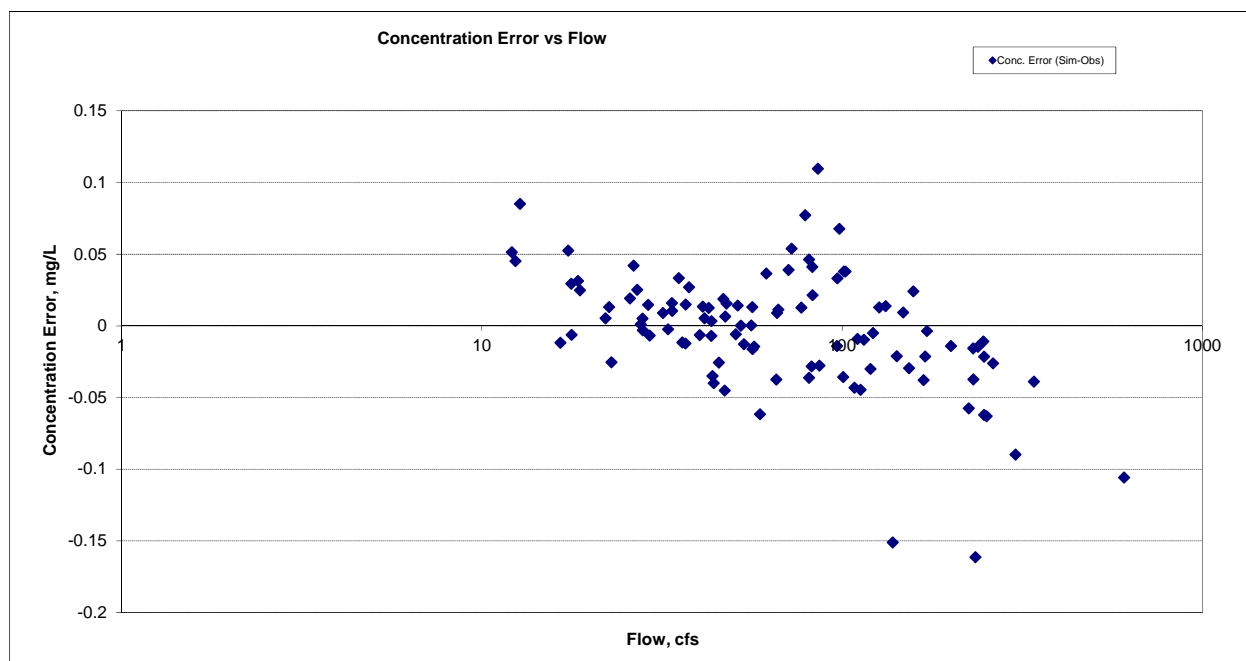


Figure H-234. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

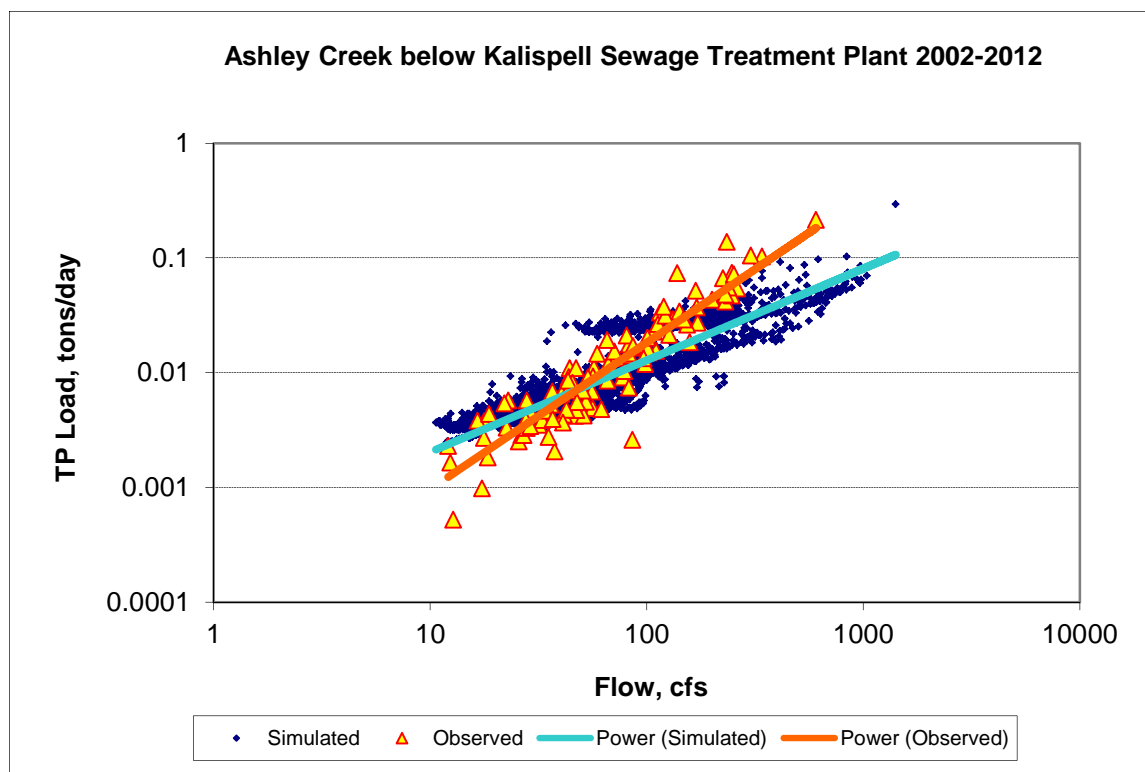


Figure H-235. Calibration Observed and Modeled TP Load vs. Flow Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant

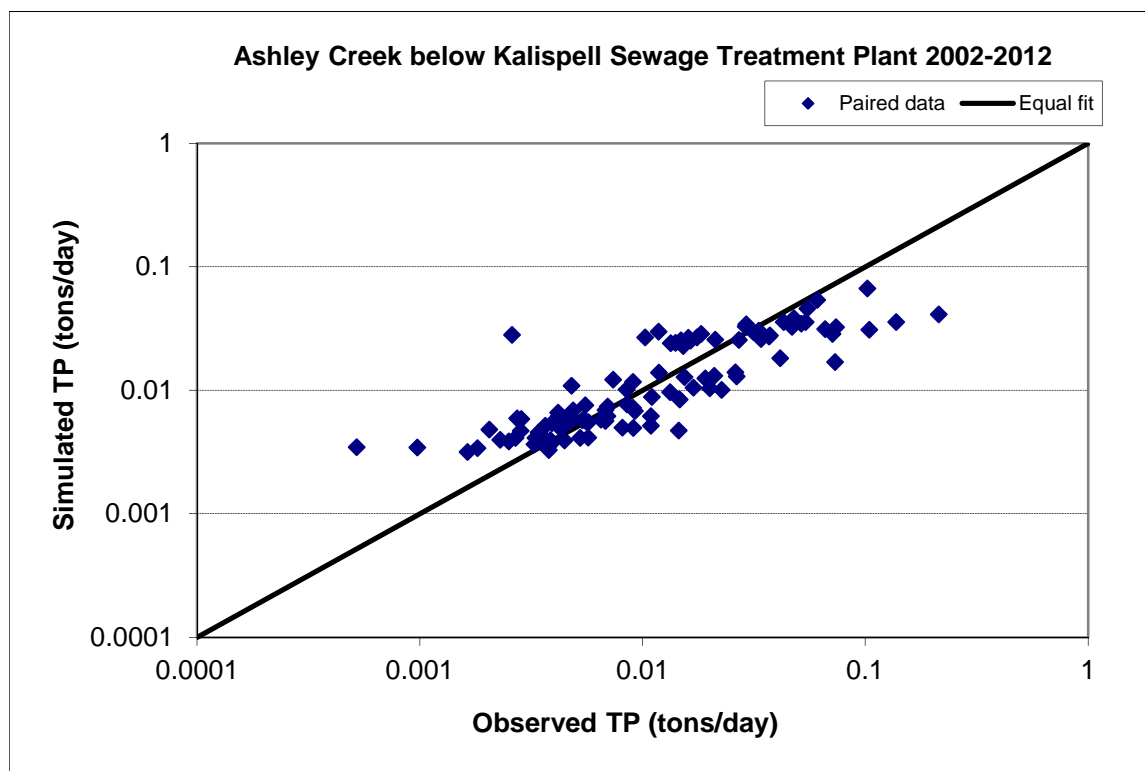


Figure H-236. Calibration Observed and Modeled TP Daily Paired Load Regression, FBC05003 Ashley Creek below Kalispell Sewage Treatment Plant



## **H-13. FLATHEAD RIVER MAINSTEM @ HOLT (SPORTSMANS BRIDGE) (FBC05012)**

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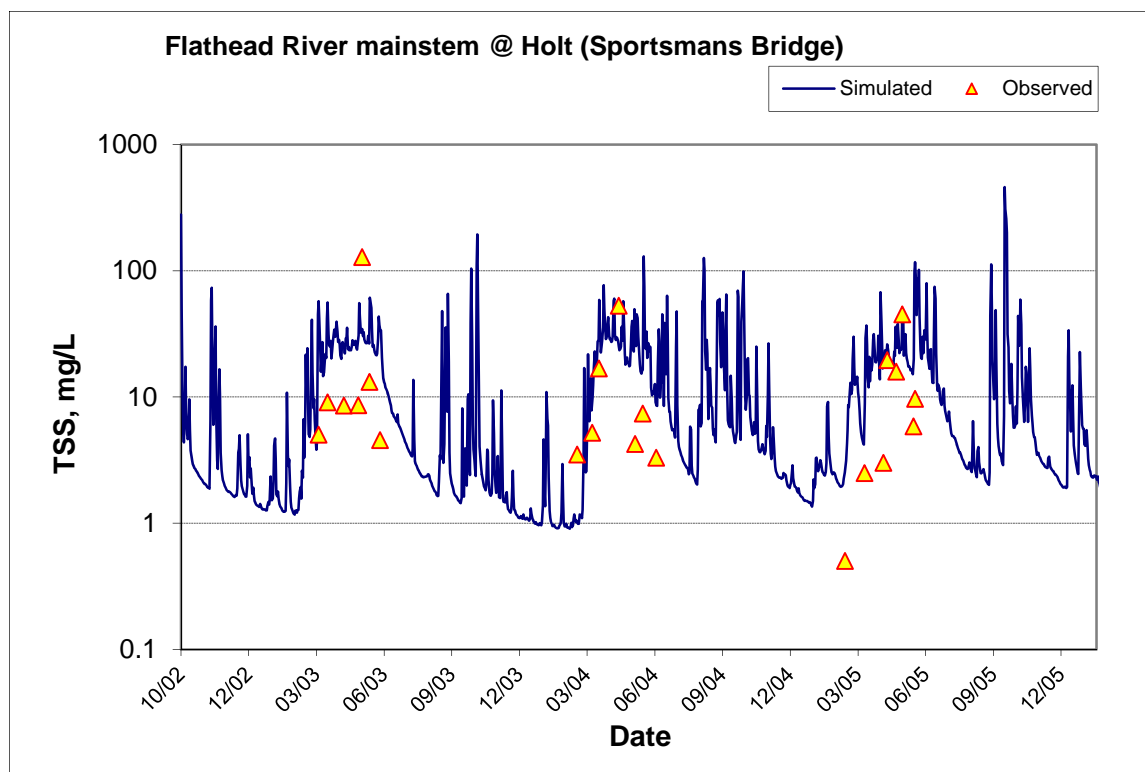


Figure H-237. Calibration Observed and Modeled TSS Time series Oct. 2002 through Jan. 2006, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

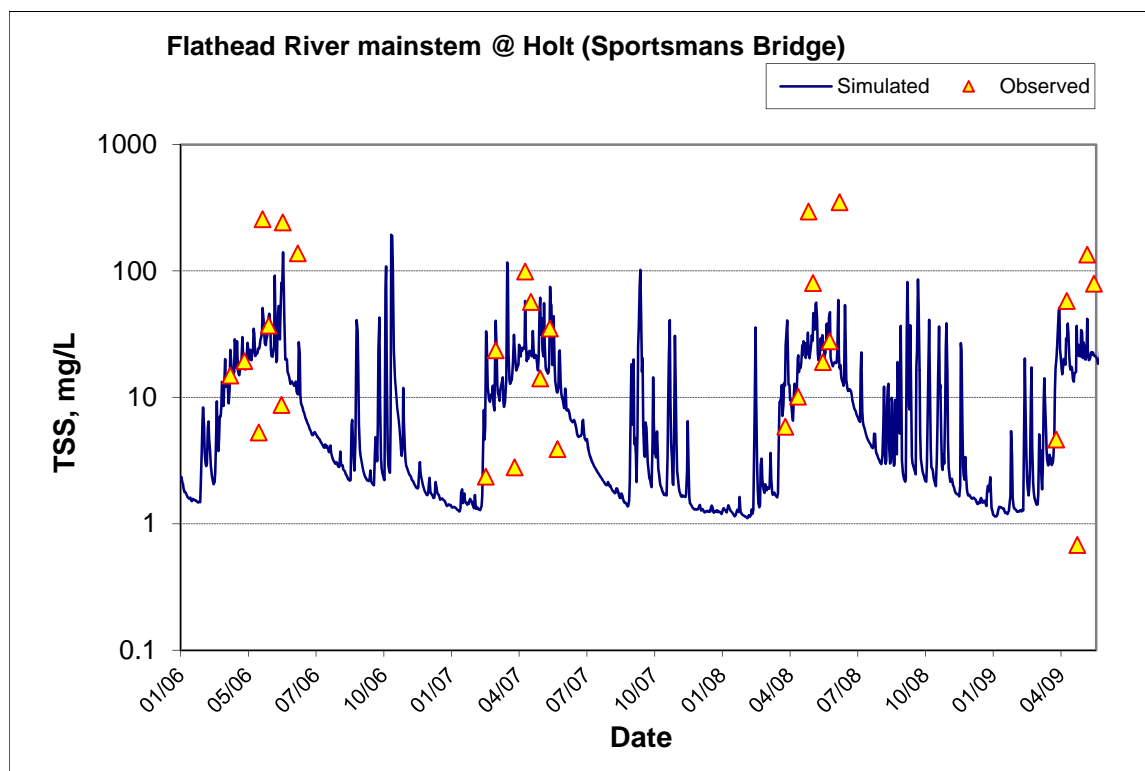


Figure H-238. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

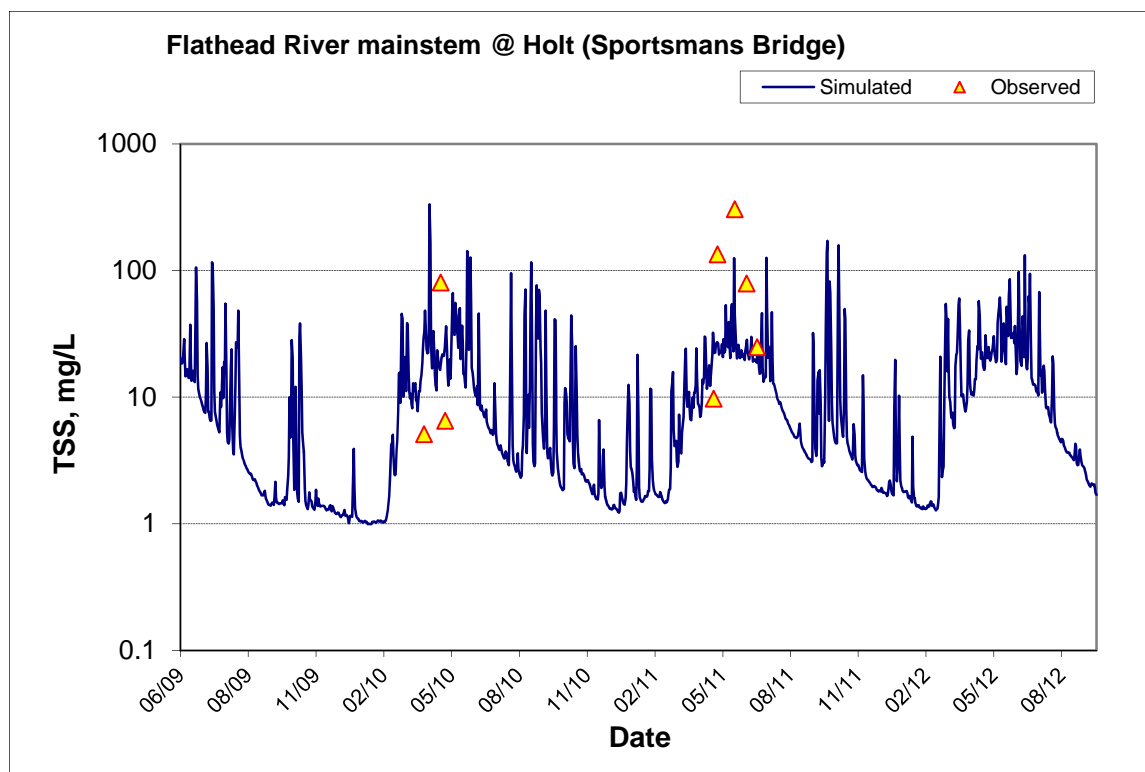


Figure H-239. Calibration Observed and Modeled TSS Time series June 2009 through Sept.2012, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

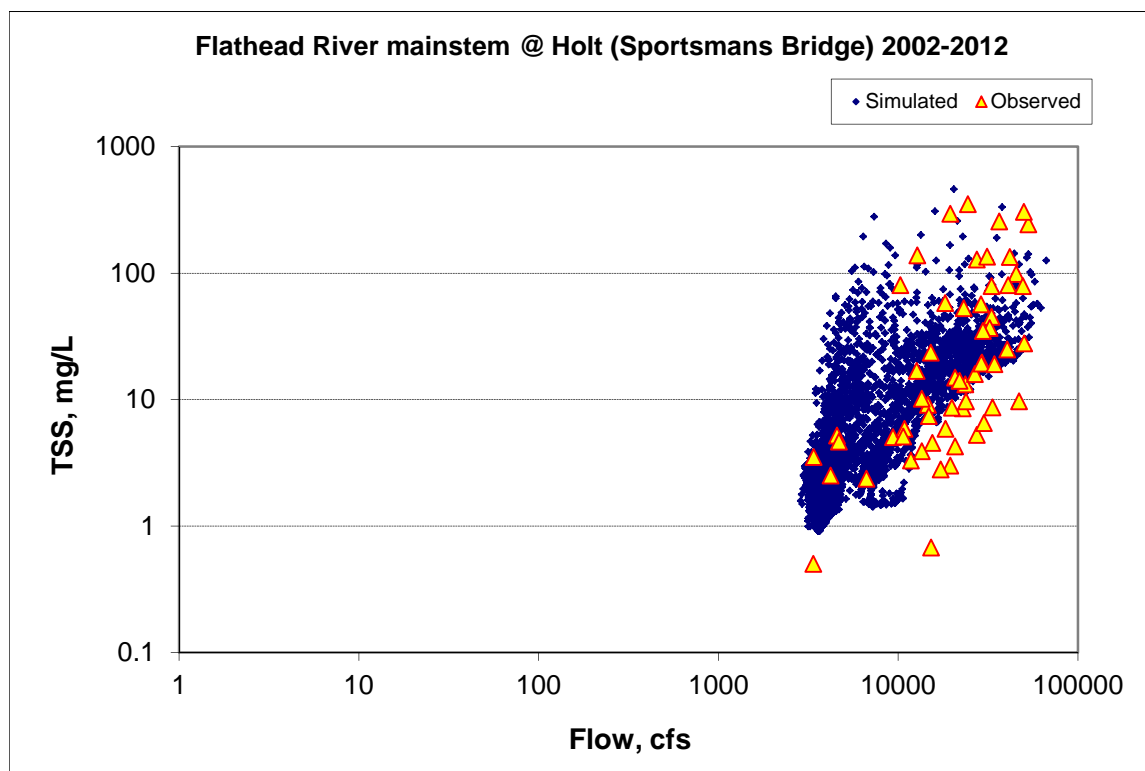


Figure H-240. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

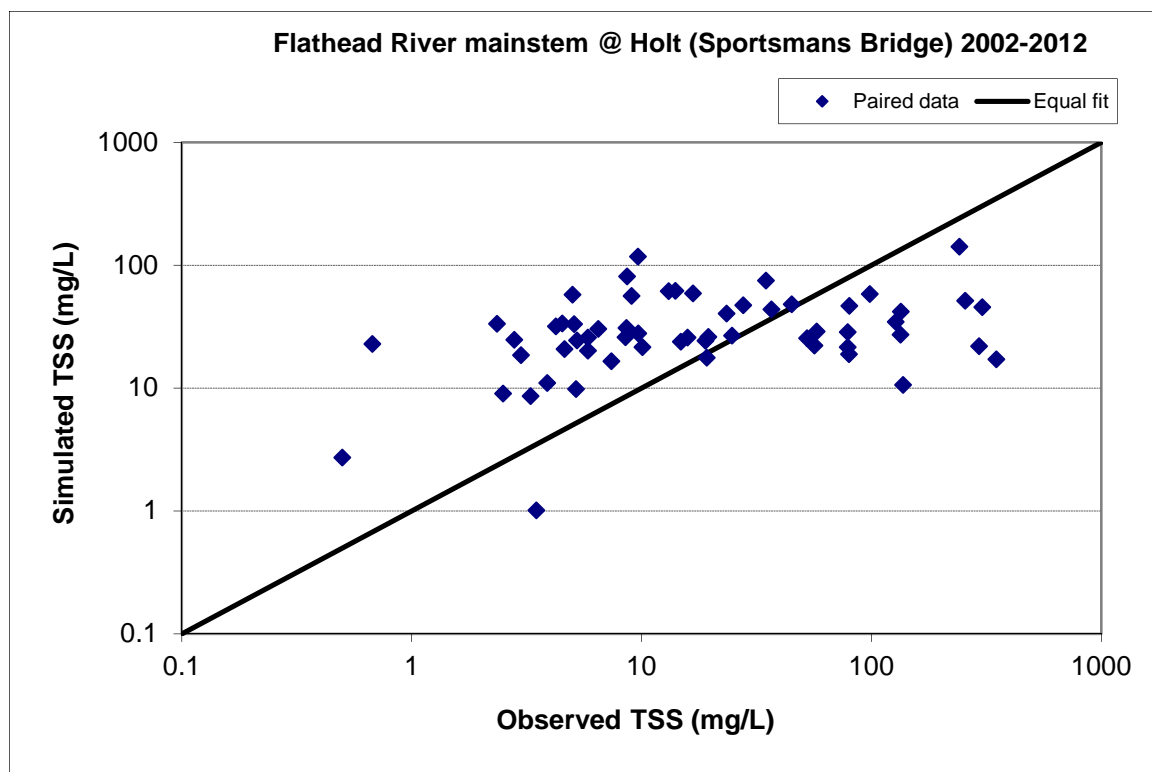


Figure H-241. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

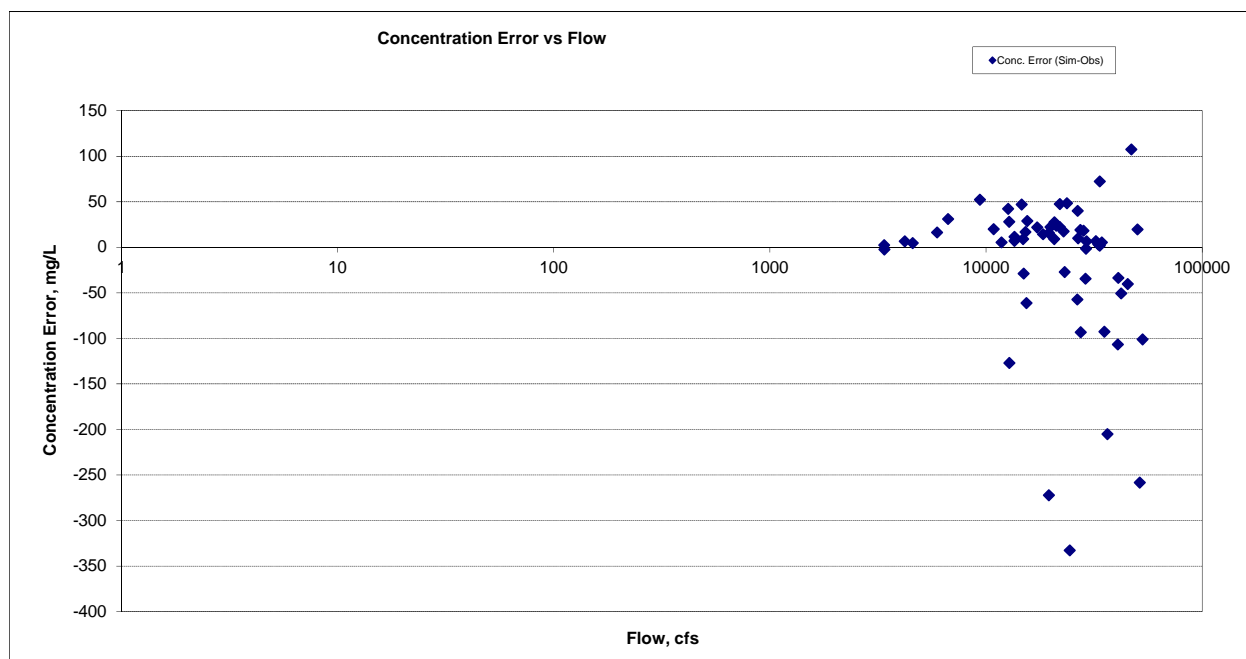
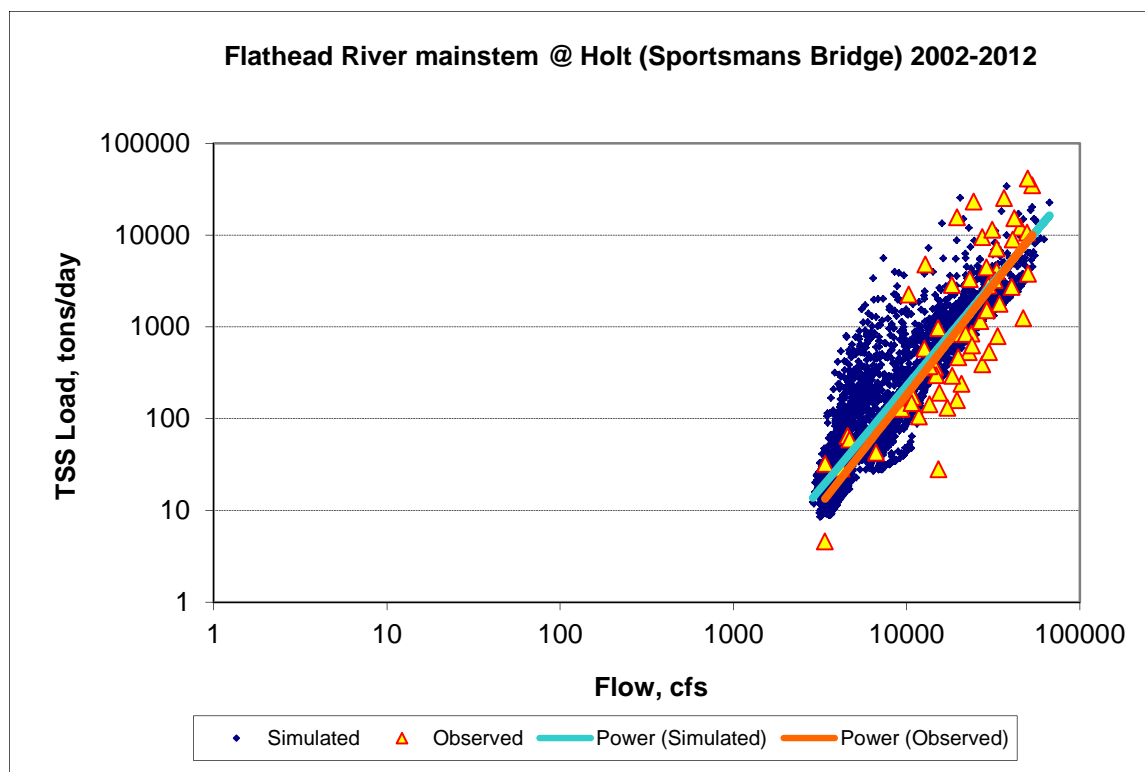
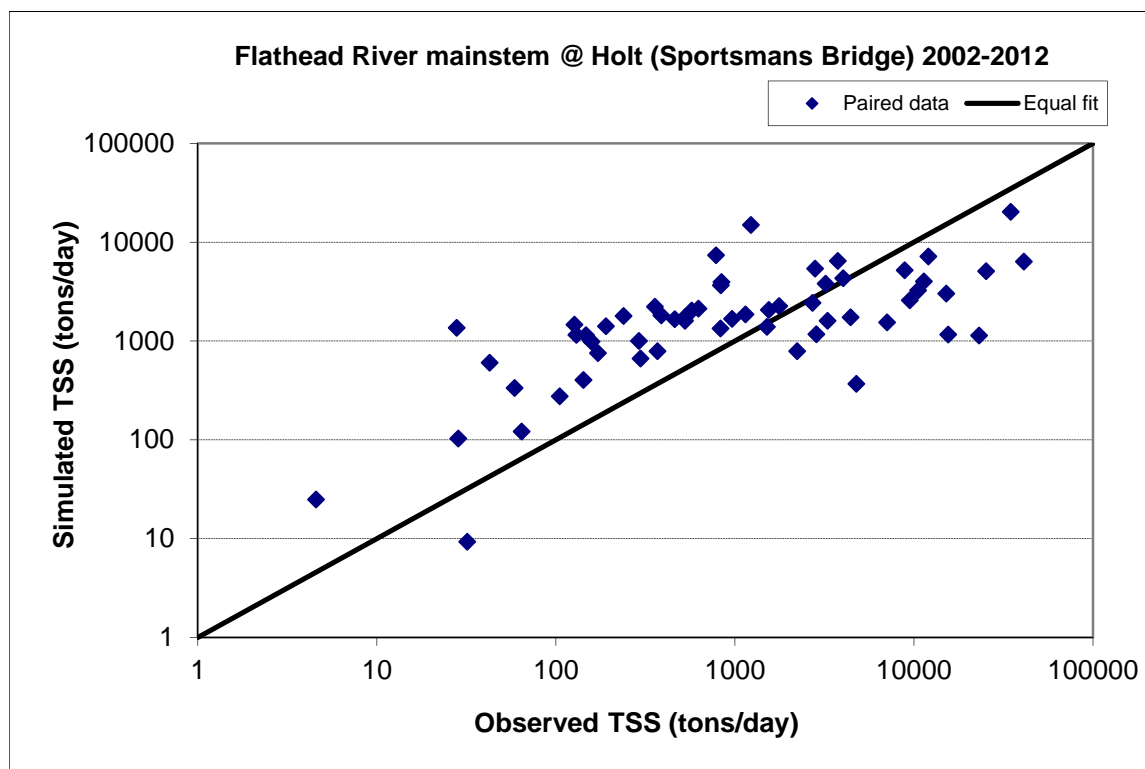


Figure H-242. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)



**Figure H-243. Calibration Observed and Modeled TSS Load vs. Flow Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)**



**Figure H-244. Calibration Observed and Modeled TSS Daily Paired Load Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)**

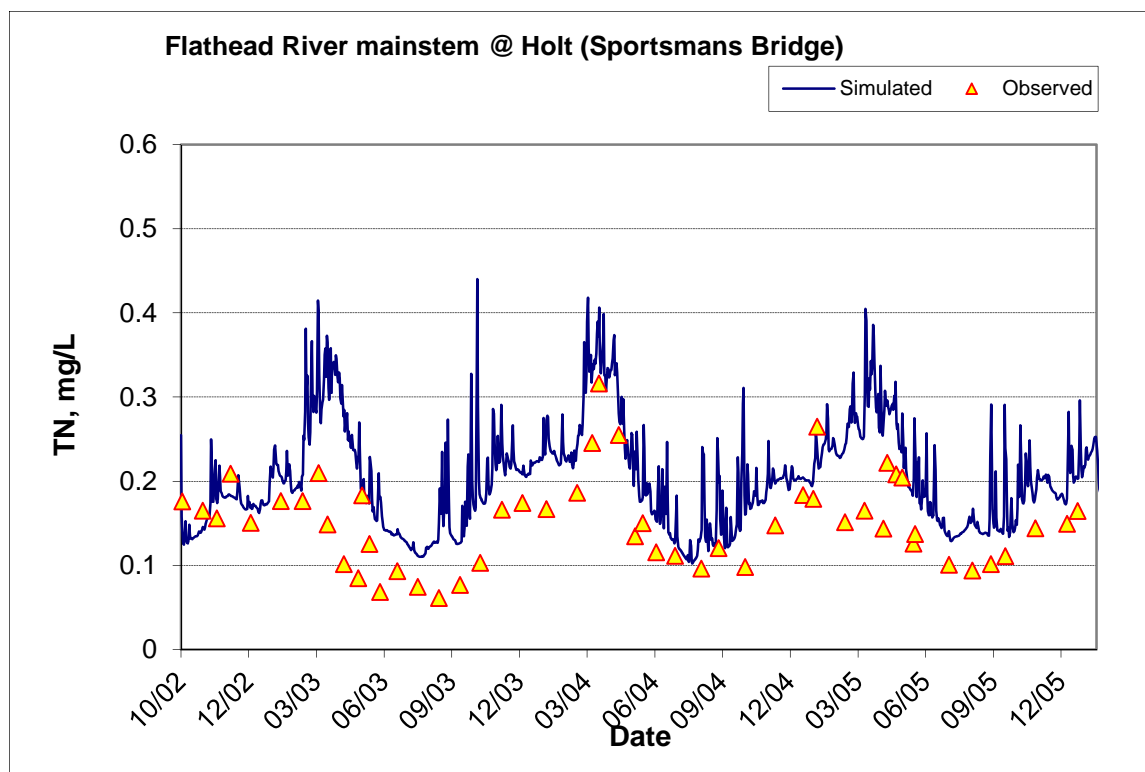


Figure H-245. Calibration Observed and Modeled TN Time series Oct. 2002 through Jan. 2006, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

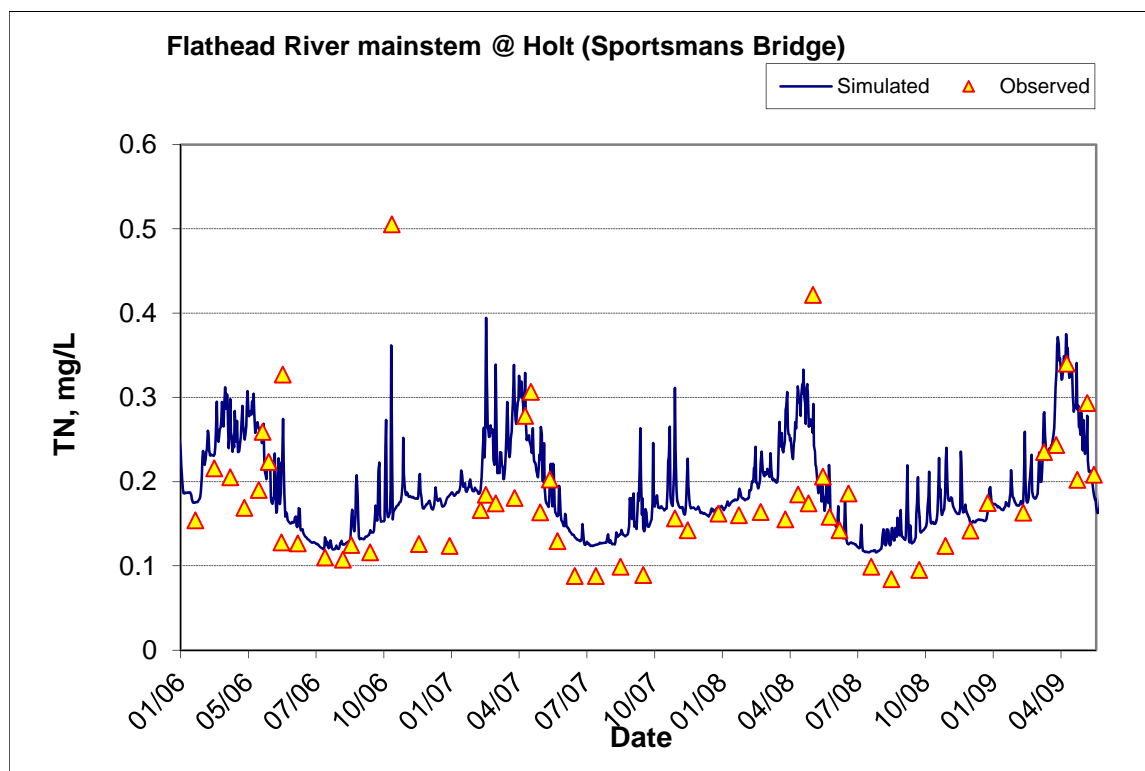


Figure H-246. Calibration Observed and Modeled TN Time series Feb. 2006 through May 2009, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

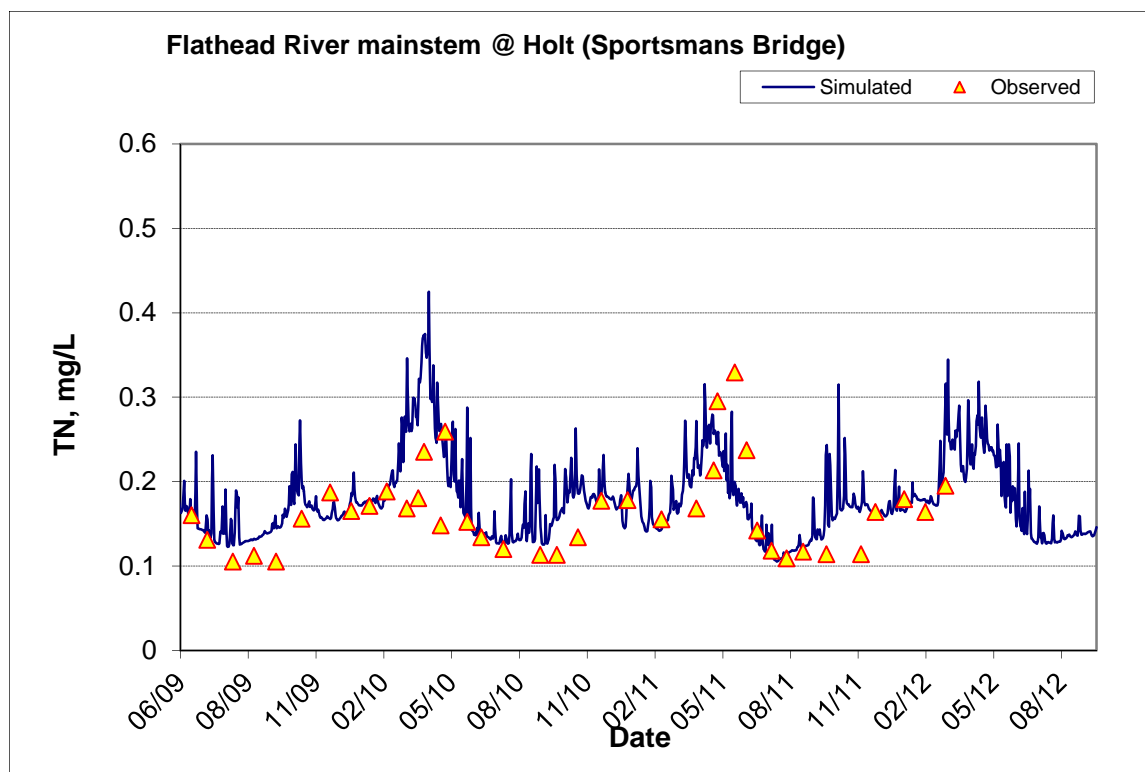


Figure H-247. Calibration Observed and Modeled TN Time series June 2009 through Sept.2012, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

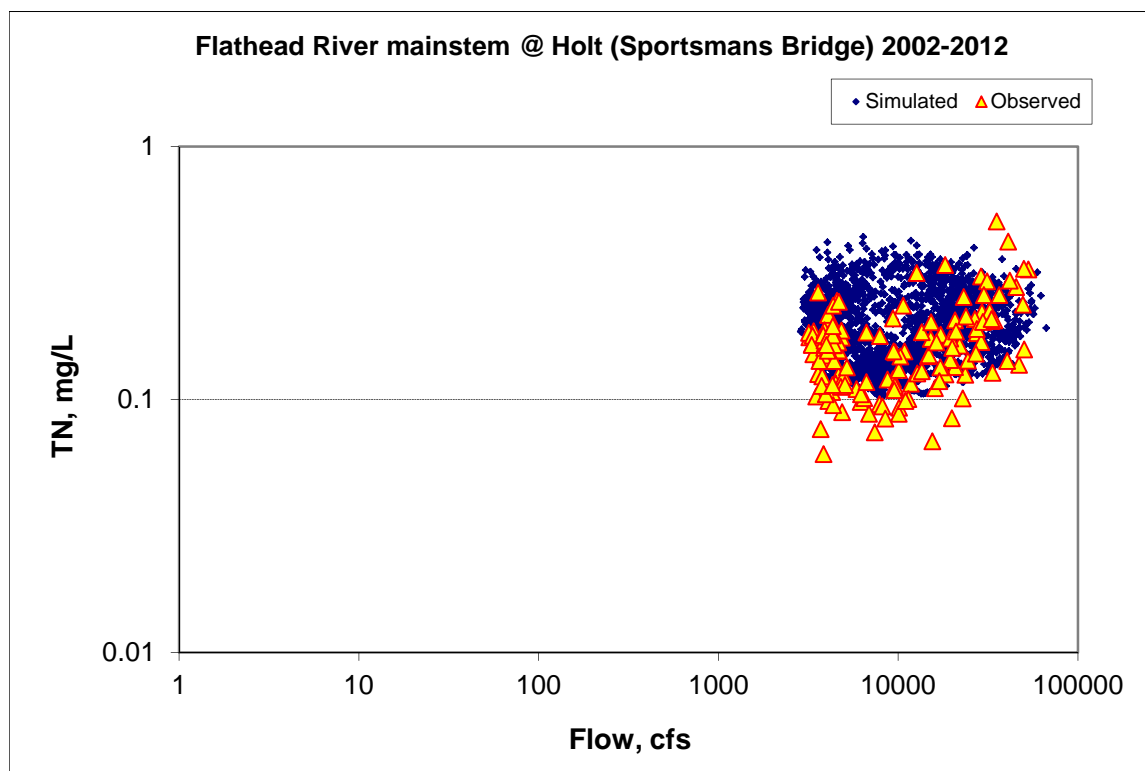


Figure H-248. Calibration Observed and Modeled TN Concentration vs. Flow Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

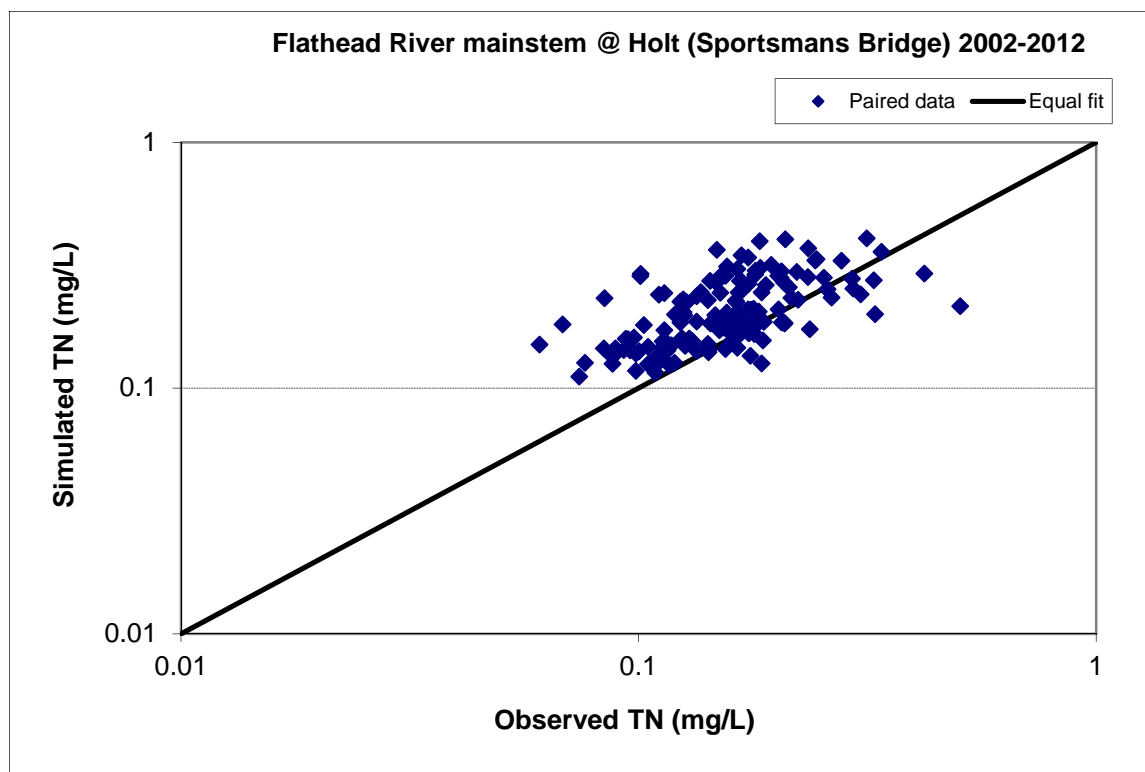


Figure H-249. Calibration Observed and Modeled TN Daily Paired Concentration Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

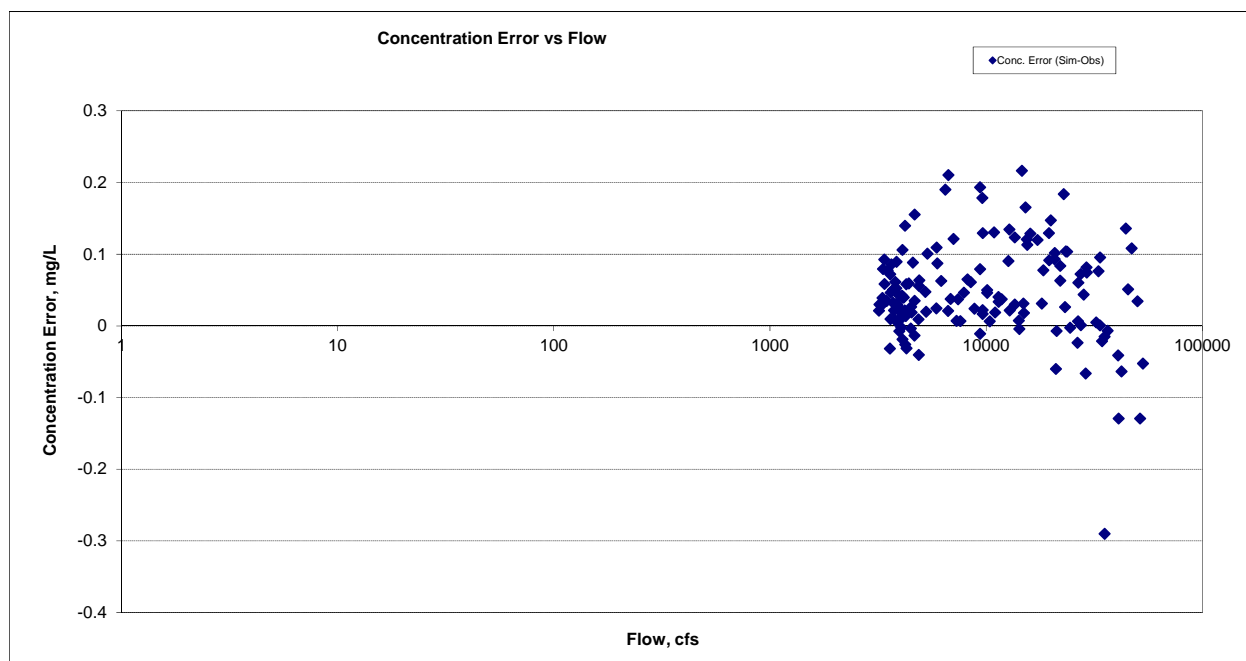
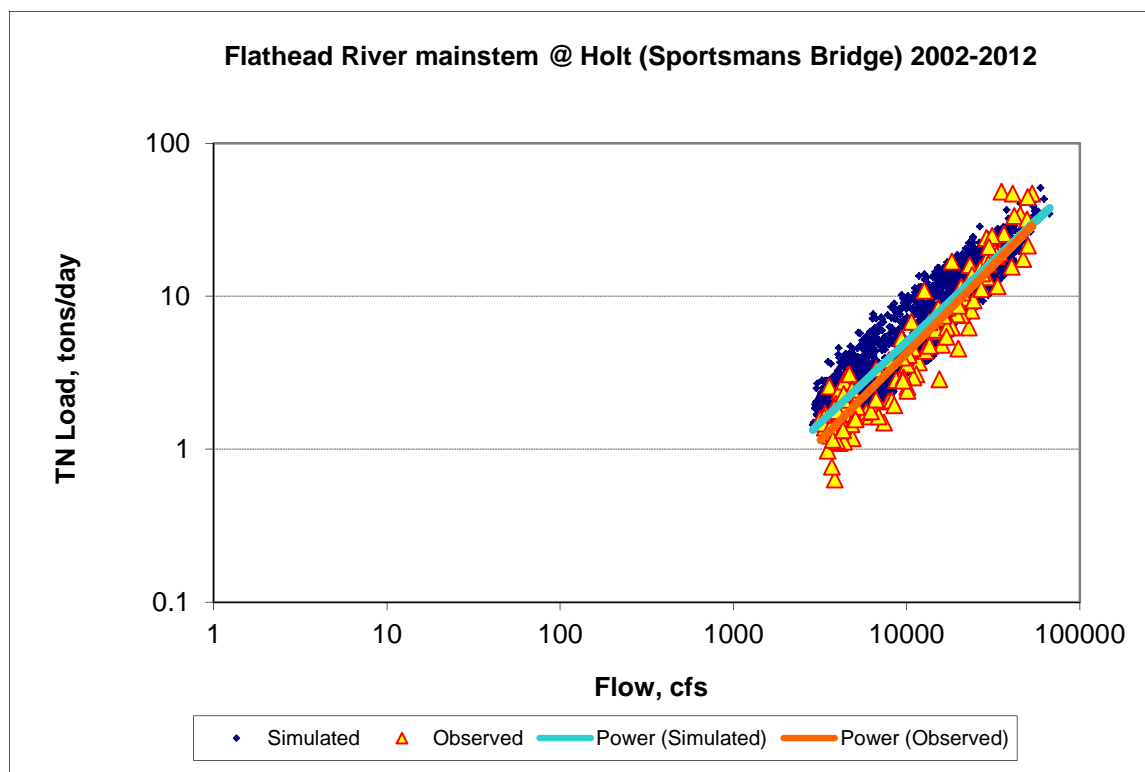
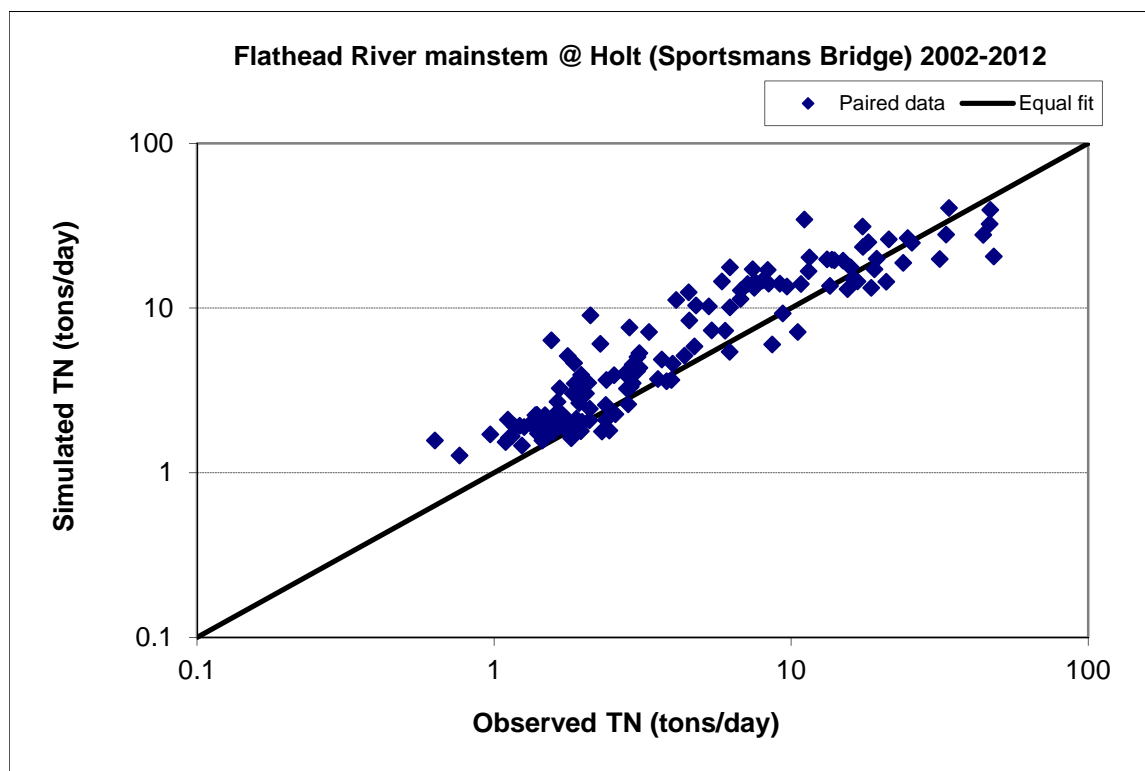


Figure H-250. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

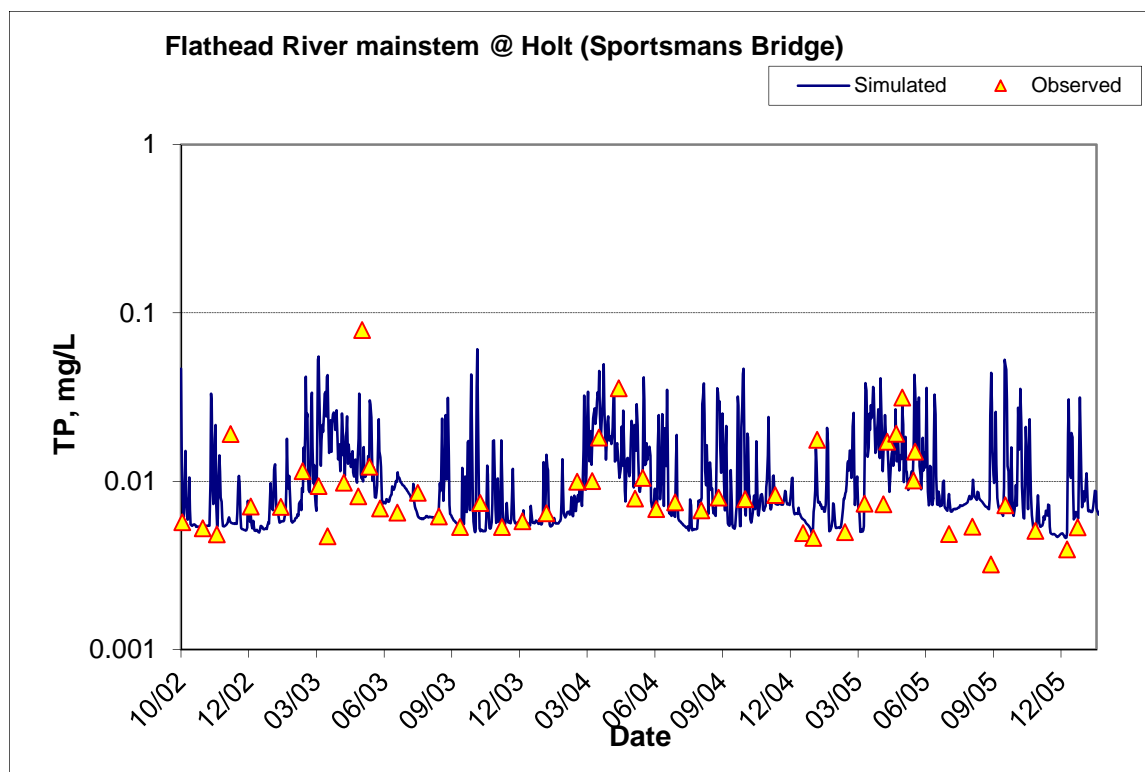




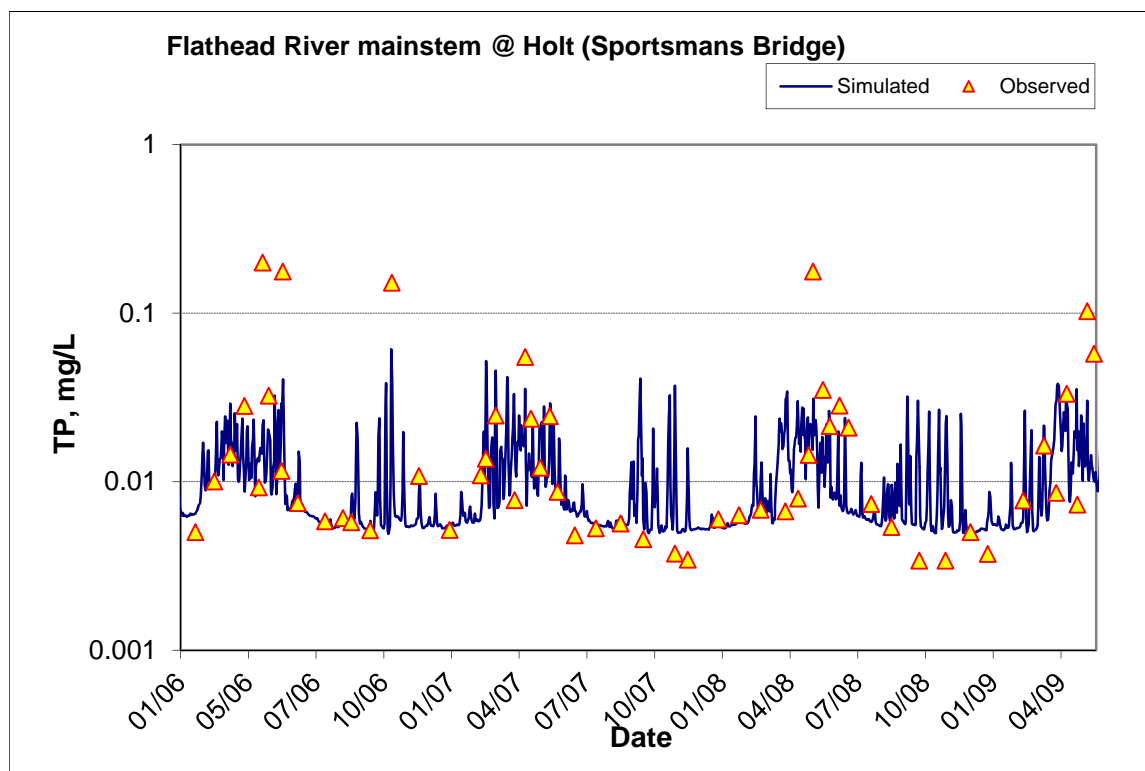
**Figure H-251. Calibration Observed and Modeled TN Load vs. Flow Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)**



**Figure H-252. Calibration Observed and Modeled TN Daily Paired Load Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)**



**Figure H-253. Calibration Observed and Modeled TP Time series Oct.2002 through Jan.2006, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)**



**Figure H-254. Calibration Observed and Modeled TP Time series Feb.2006 through May 2009, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)**

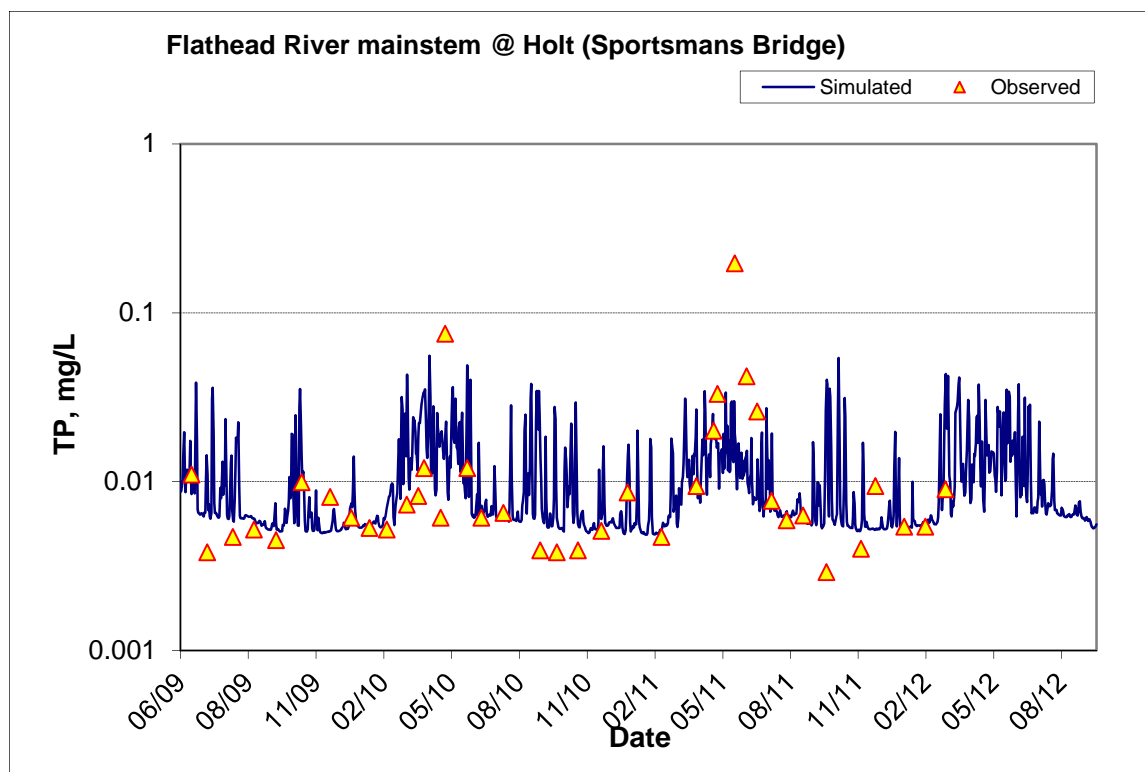


Figure H-255. Calibration Observed and Modeled TP Time series June 2009 through Sept. 2012, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

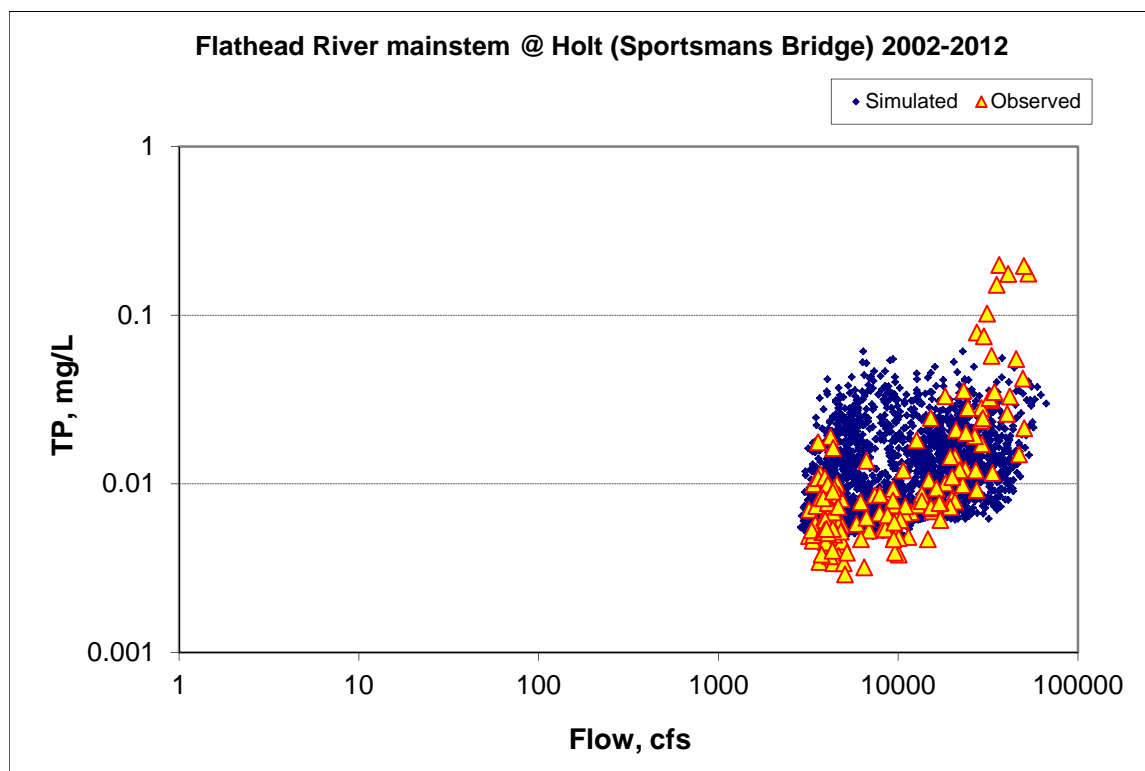


Figure H-256. Calibration Observed and Modeled TP Concentration vs. Flow Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

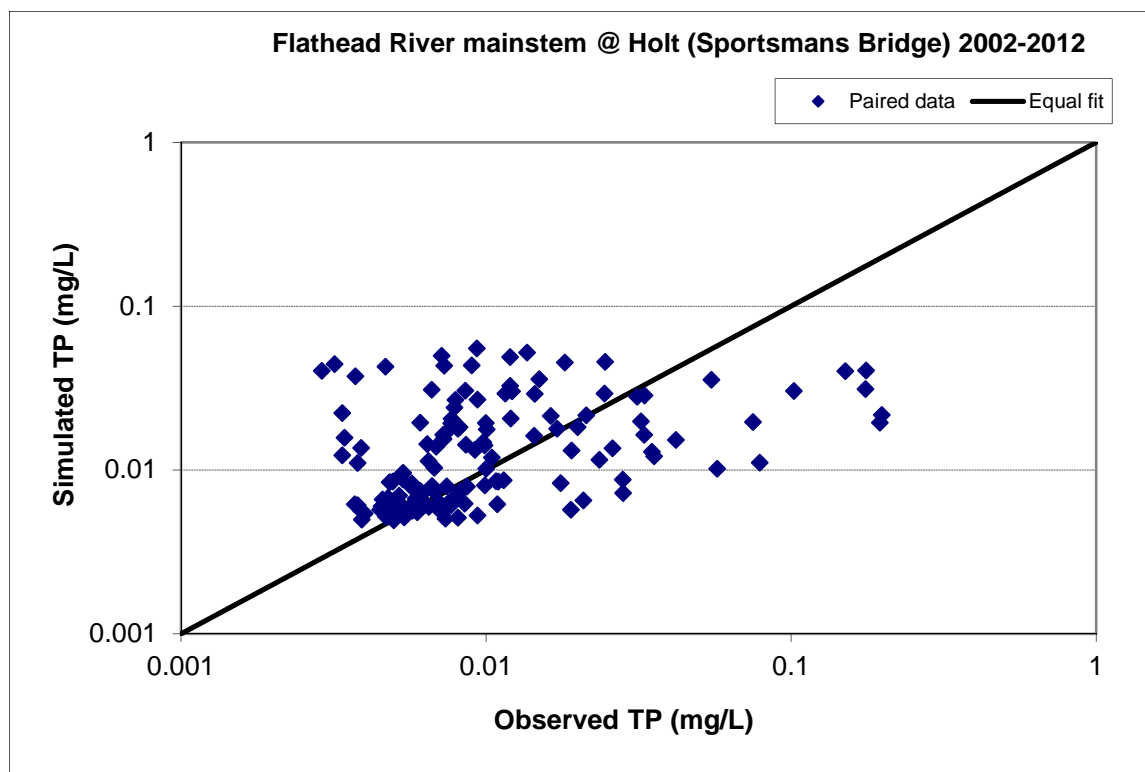


Figure H-257. Calibration Observed and Modeled TP Daily Paired Concentration Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

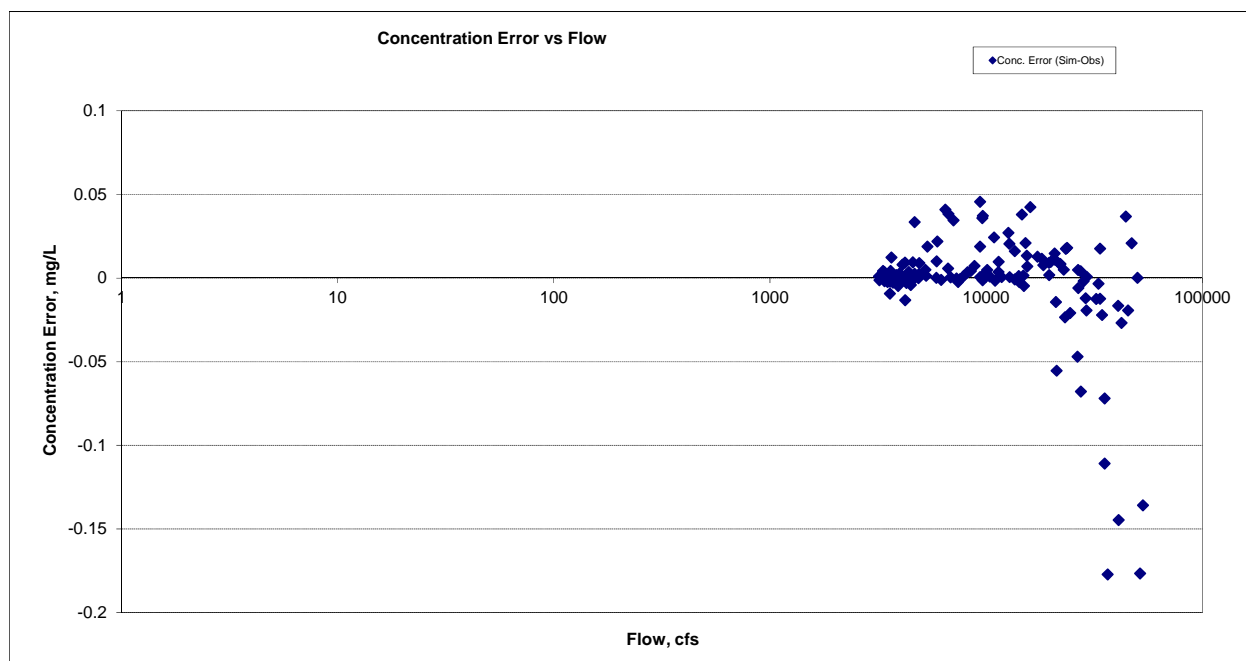


Figure H-258. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

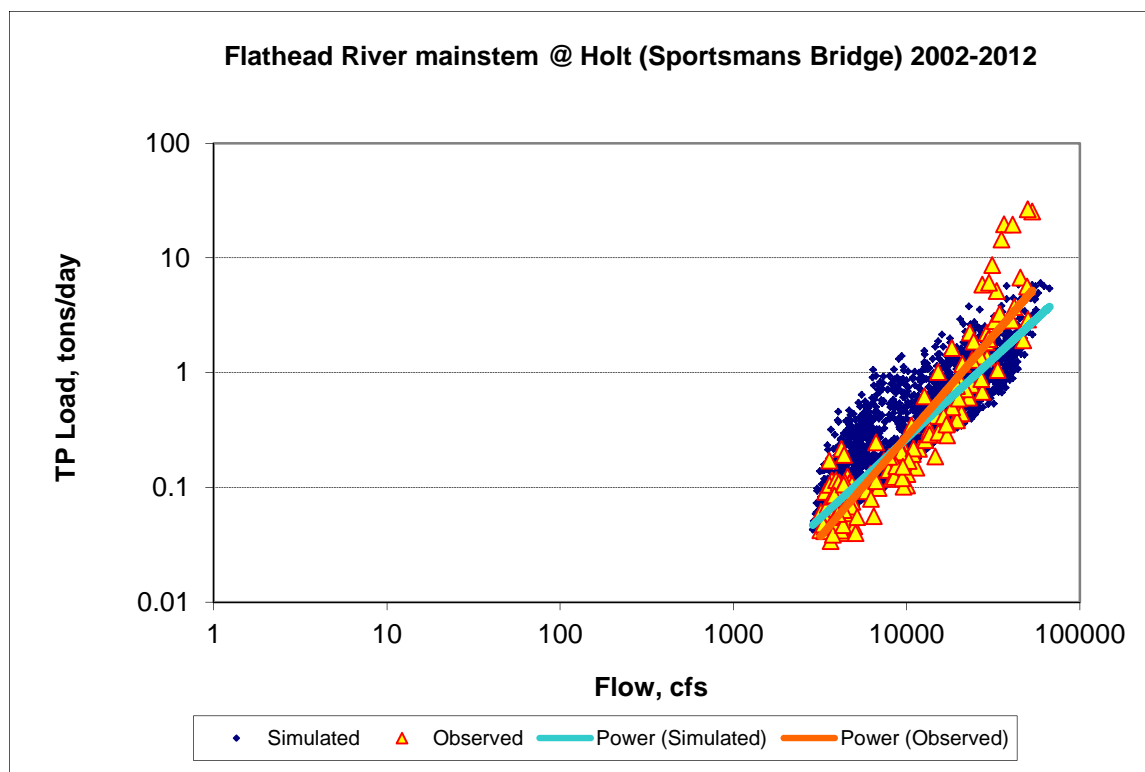


Figure H-259. Calibration Observed and Modeled TP Load vs. Flow Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

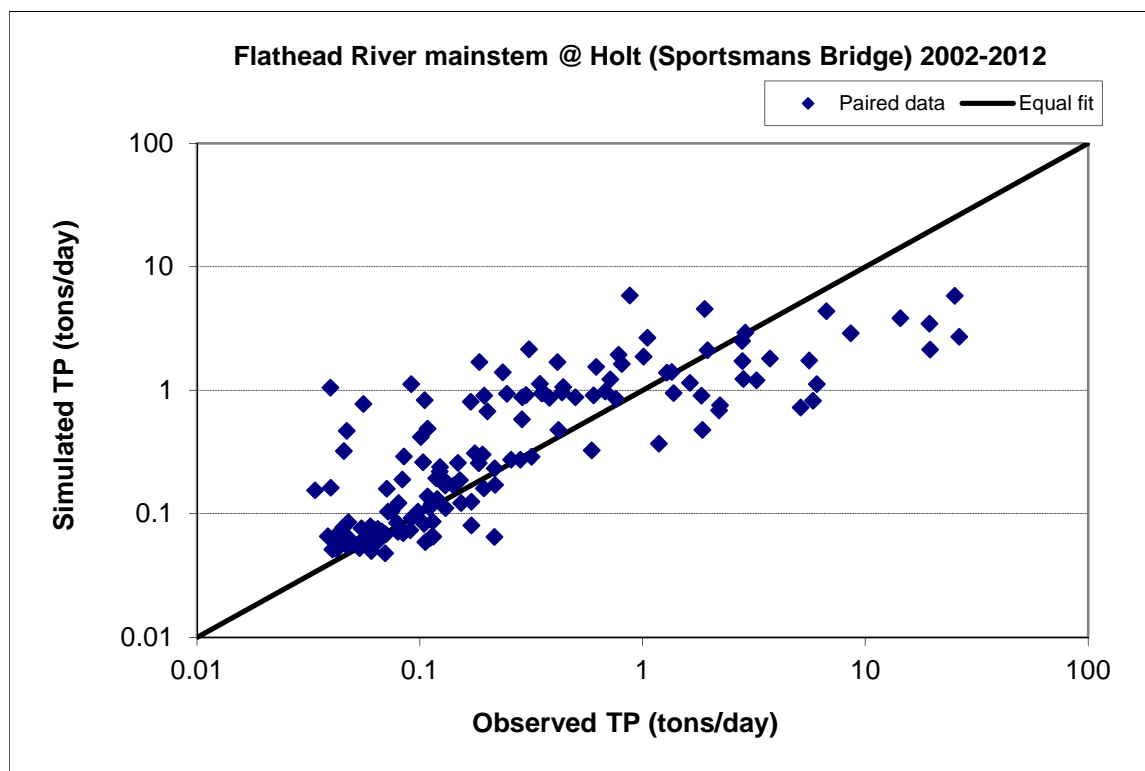


Figure H-260. Calibration Observed and Modeled TP Daily Paired Load Regression, FBC05012 Flathead River mainstem @ Holt (Sportsmans Bridge)

## **H-14. SWAN RIVER @ BIGFORK STEEL BRIDGE (ELECTRIC AVE) (FBC6009)**

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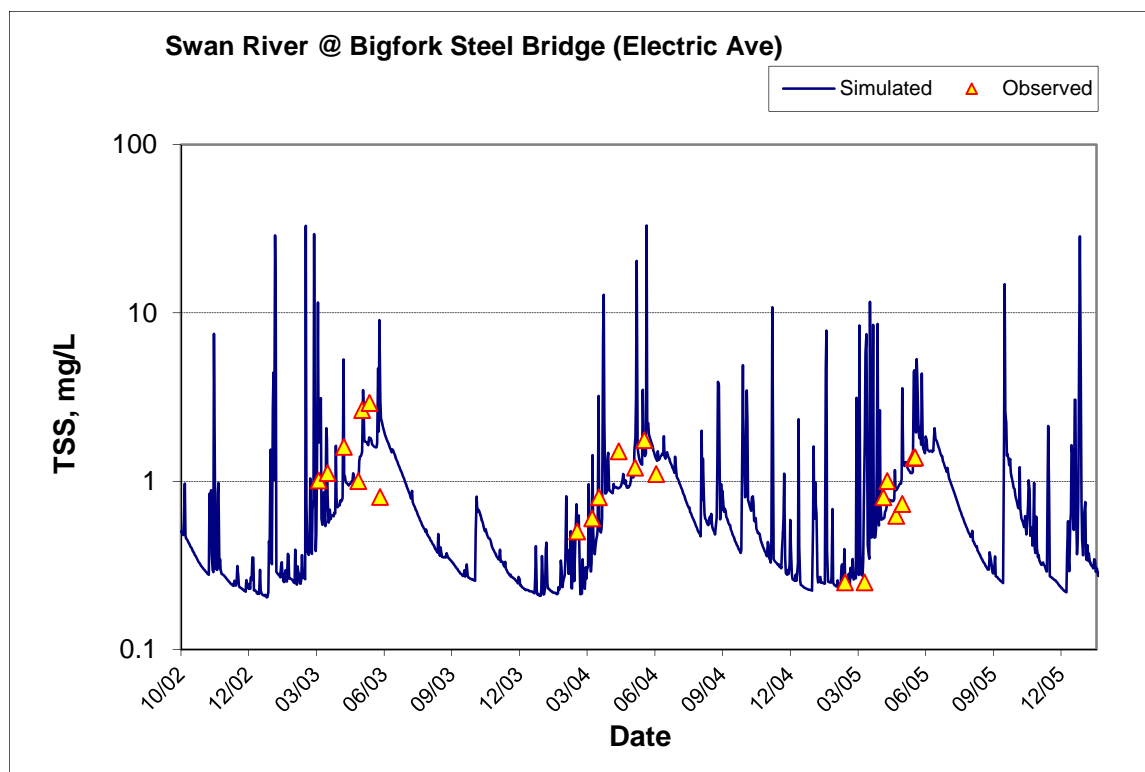


Figure H-261. Calibration Observed and Modeled TSS Time series Oct. 2002 through Jan. 2006, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

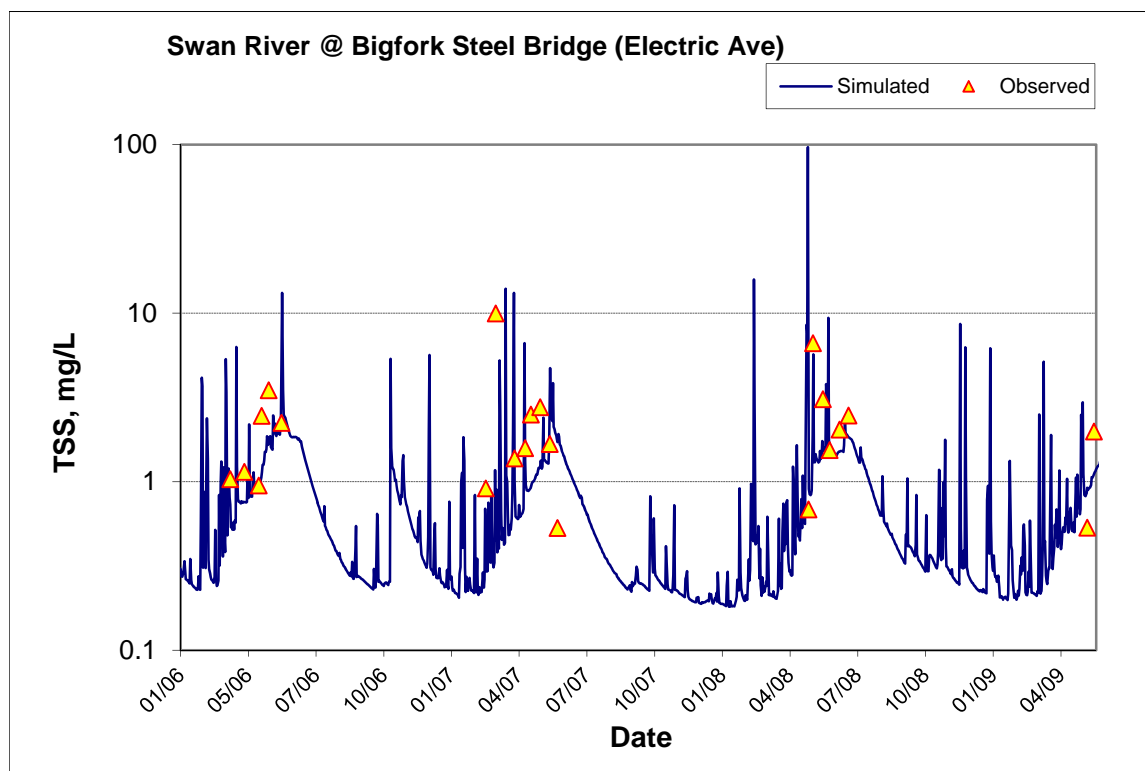


Figure H-262. Calibration Observed and Modeled TSS Time series Feb. 2006 through May 2009, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

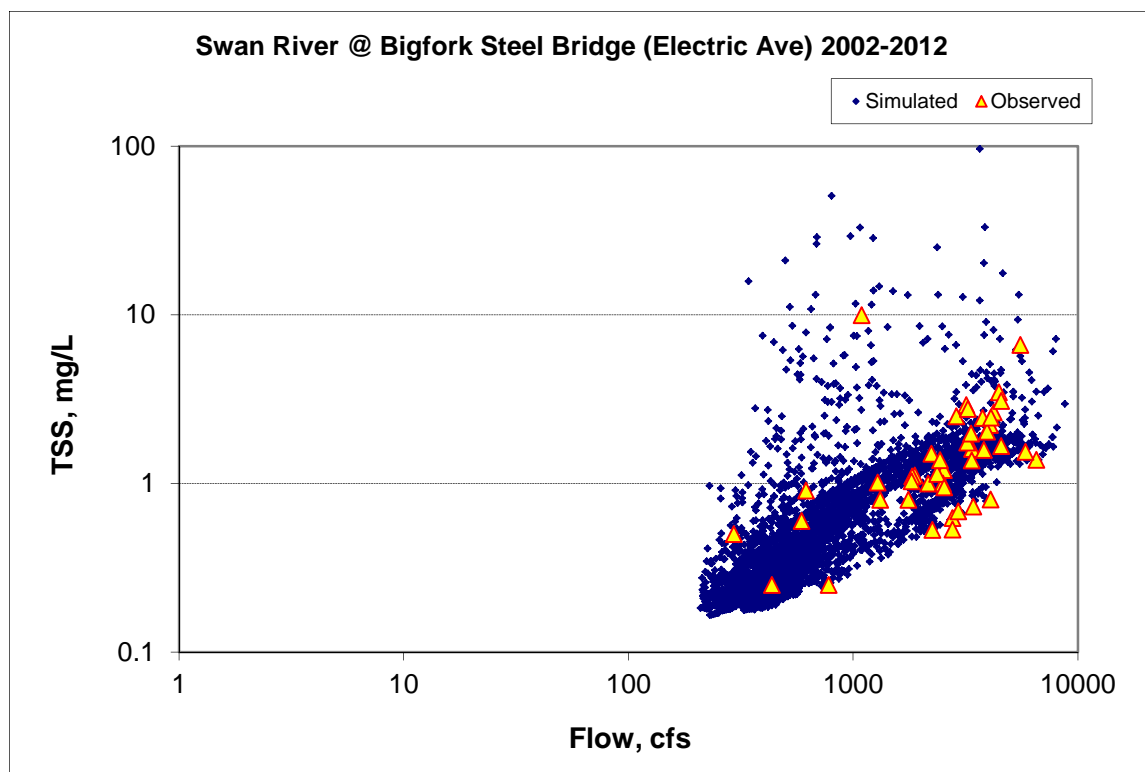


Figure H-263. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

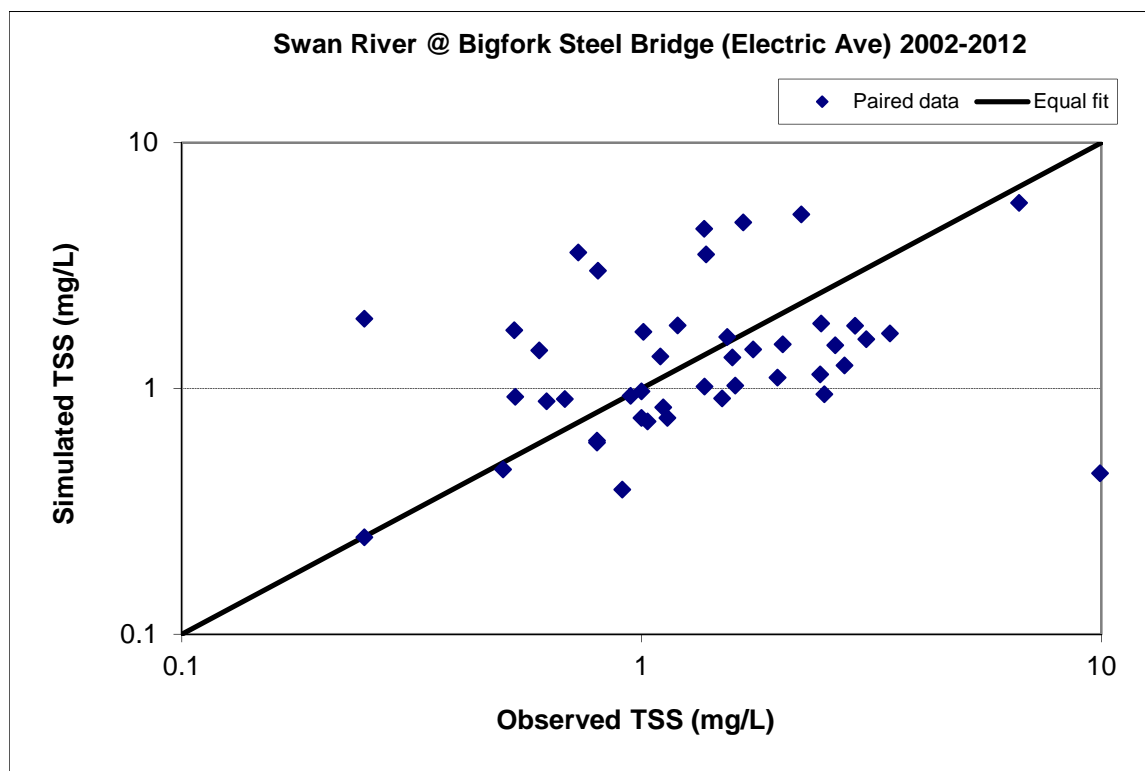


Figure H-264. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)



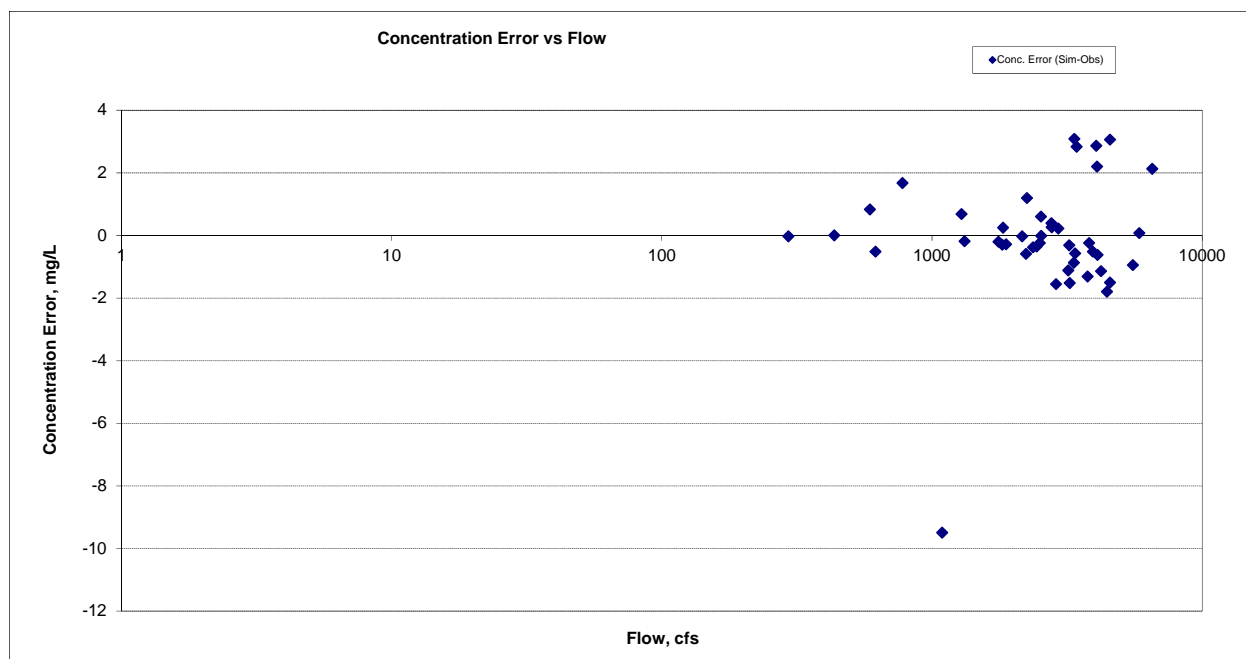


Figure H-265. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

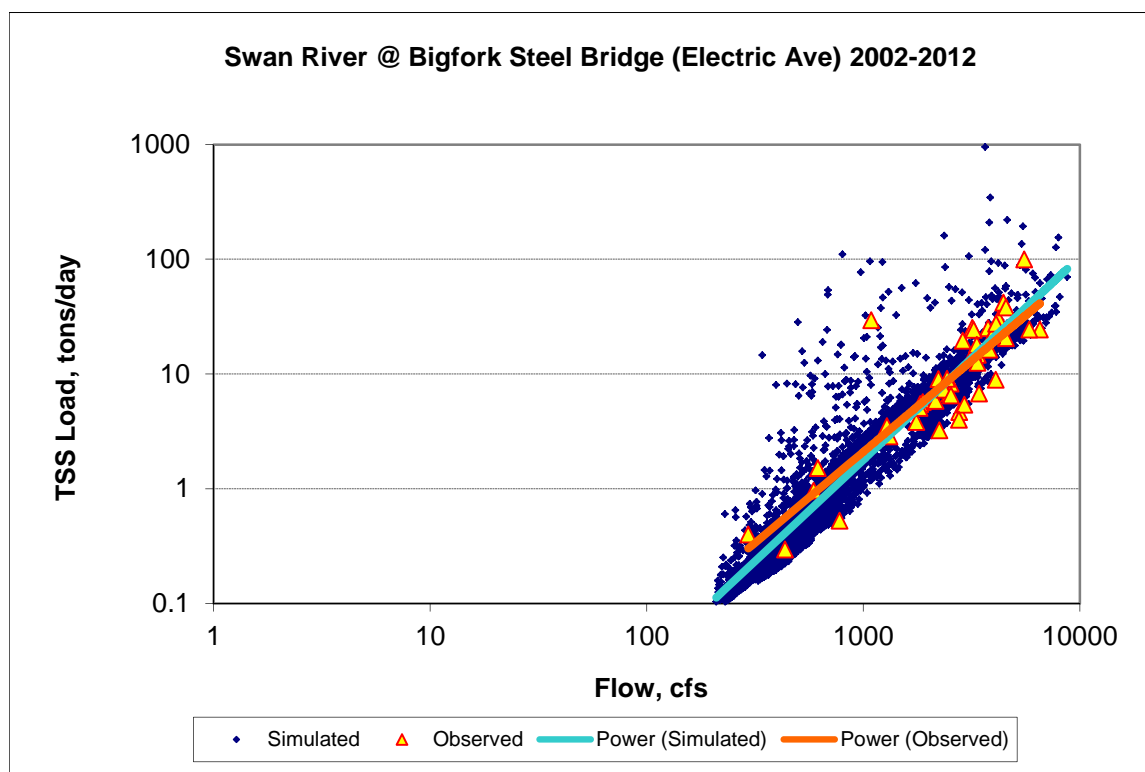


Figure H-266. Calibration Observed and Modeled TSS Load vs. Flow Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

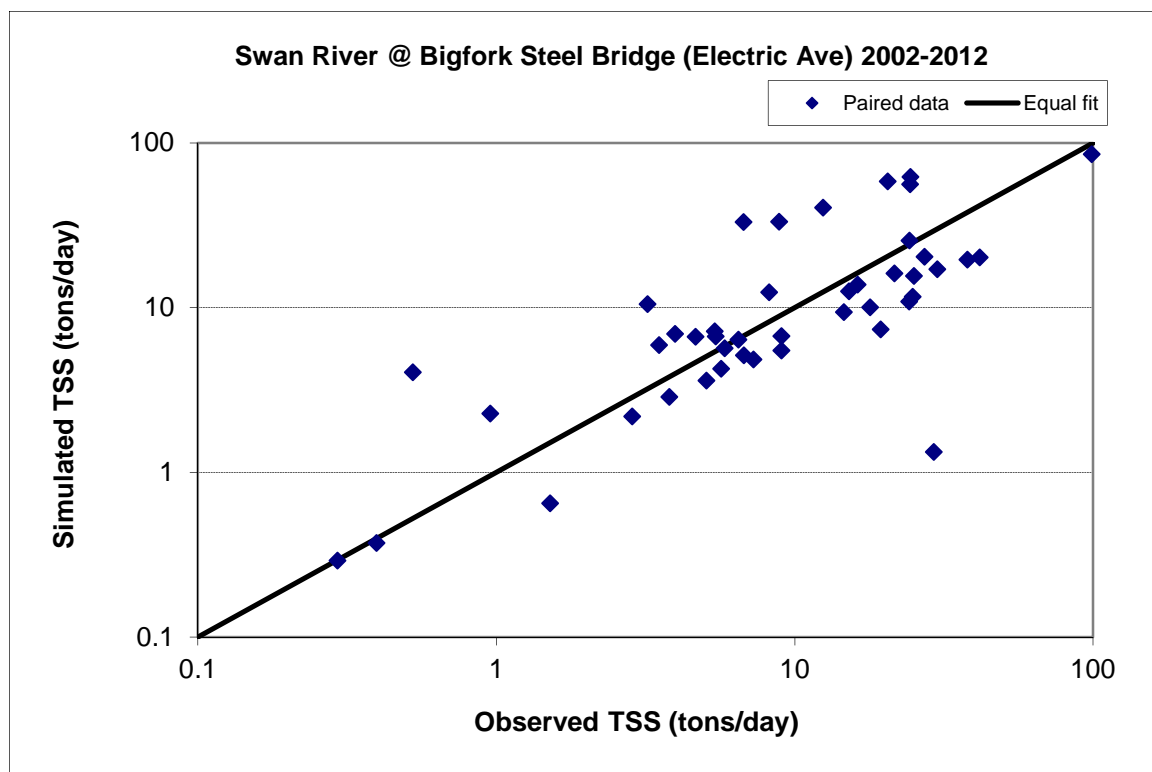


Figure H-267. Calibration Observed and Modeled TSS Daily Paired Load Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

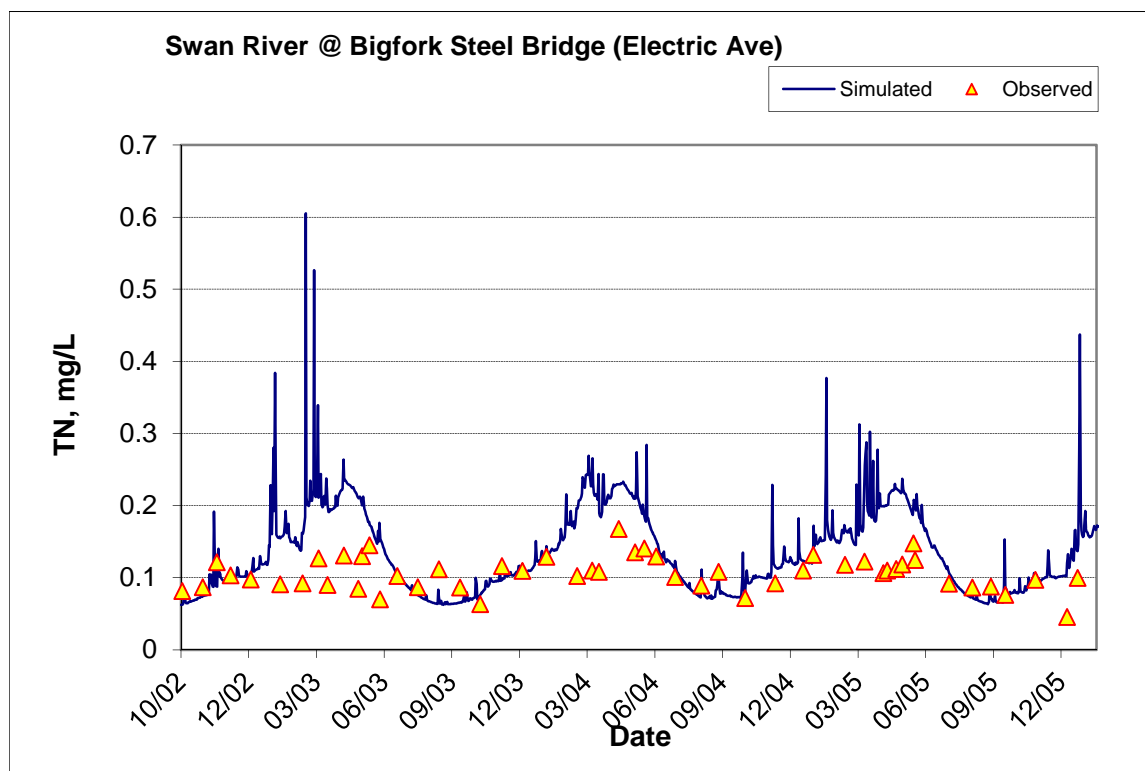


Figure H-268. Calibration Observed and Modeled TN Time series Oct.2002 through Jan.2006, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

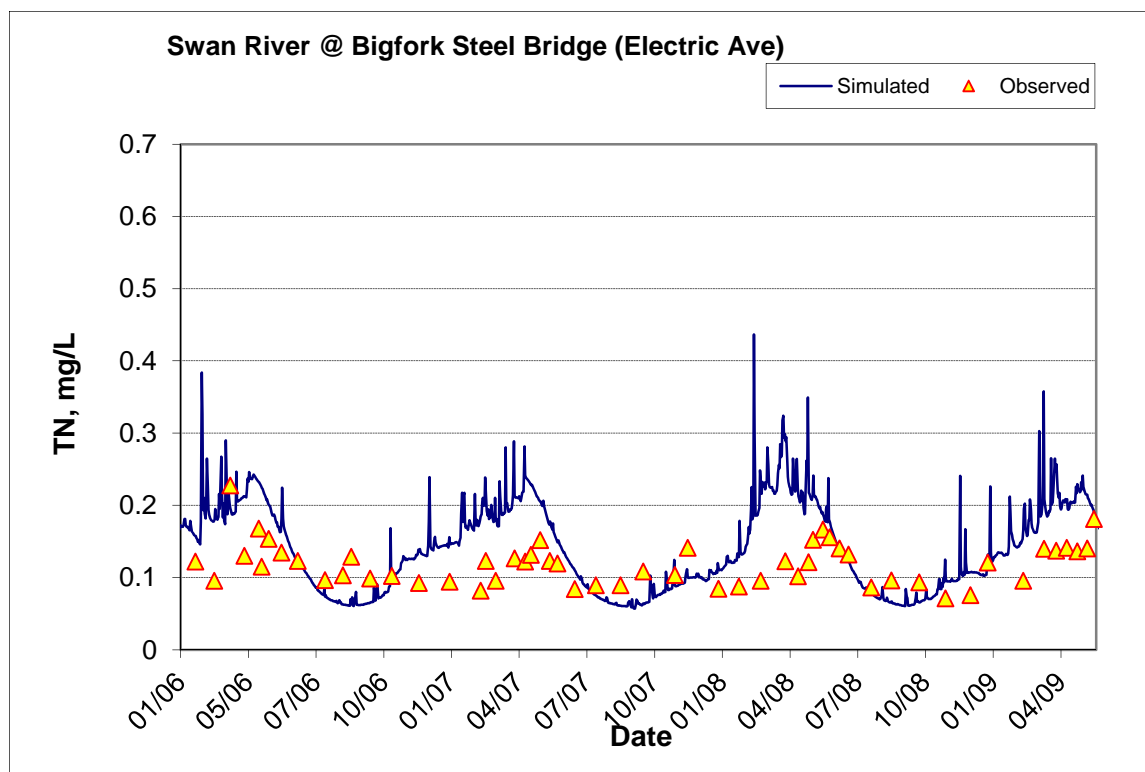


Figure H-269. Calibration Observed and Modeled TN Time series Feb.2006 through May 2009, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

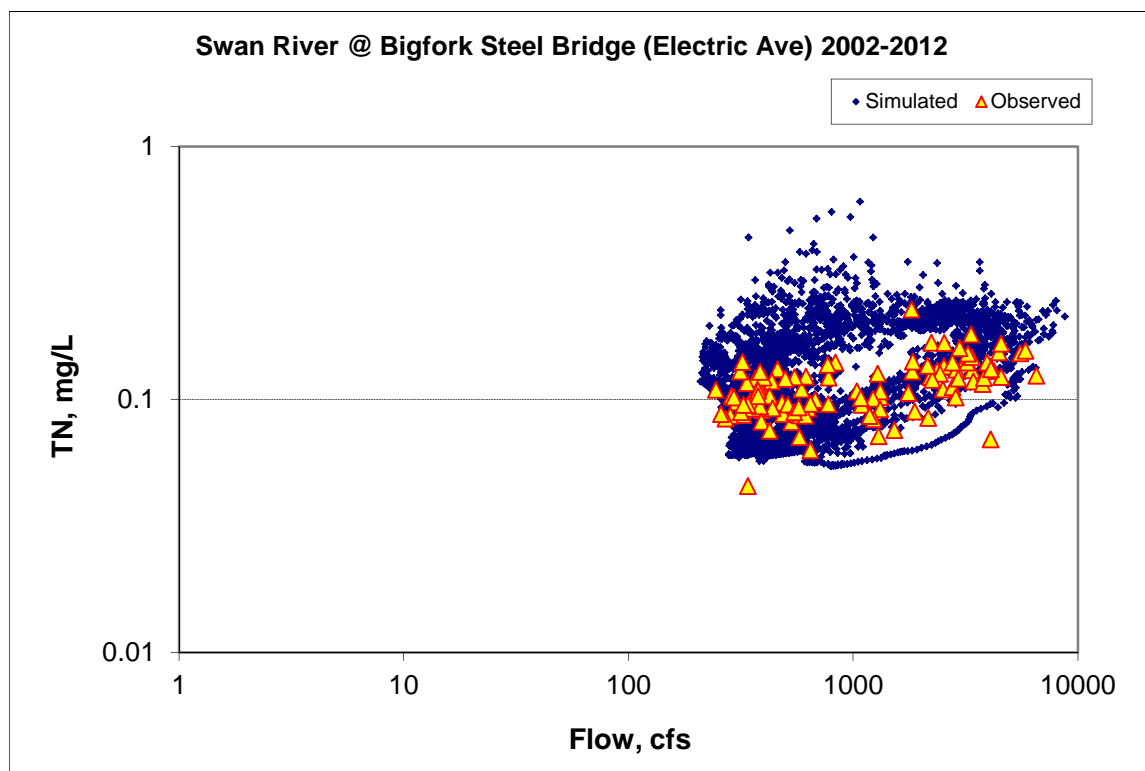


Figure H-270. Calibration Observed and Modeled TN Concentration vs. Flow Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

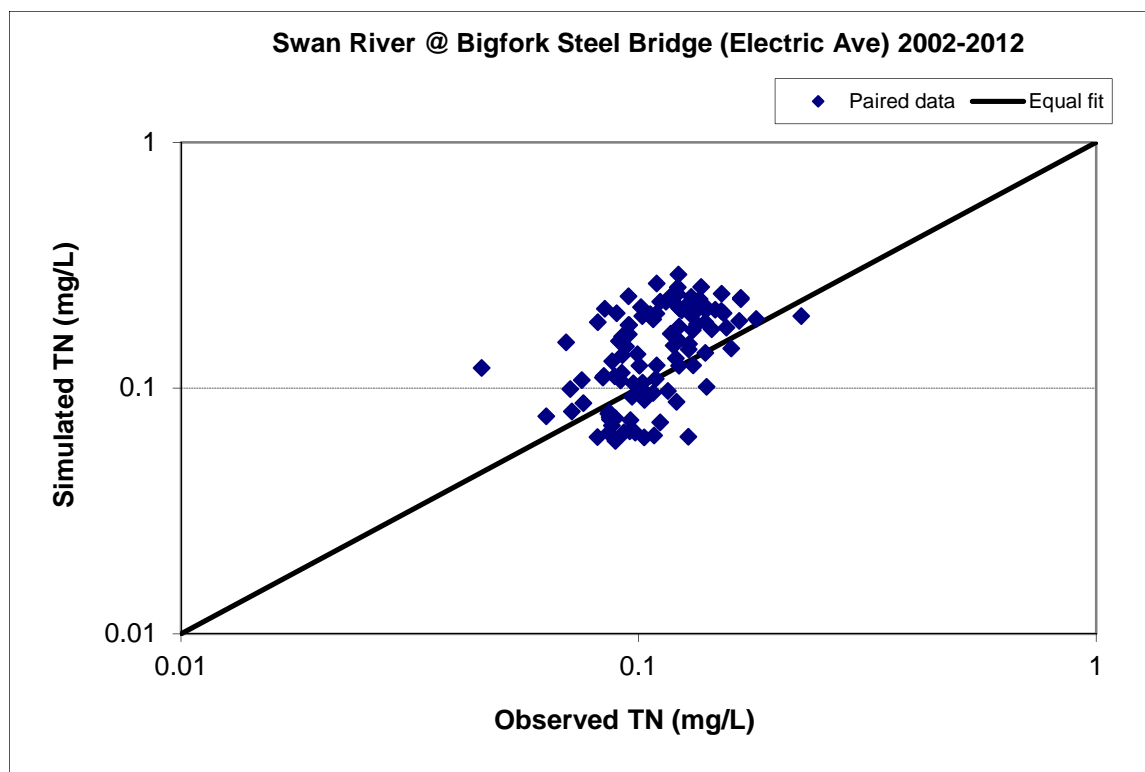


Figure H-271. Calibration Observed and Modeled TN Daily Paired Concentration Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

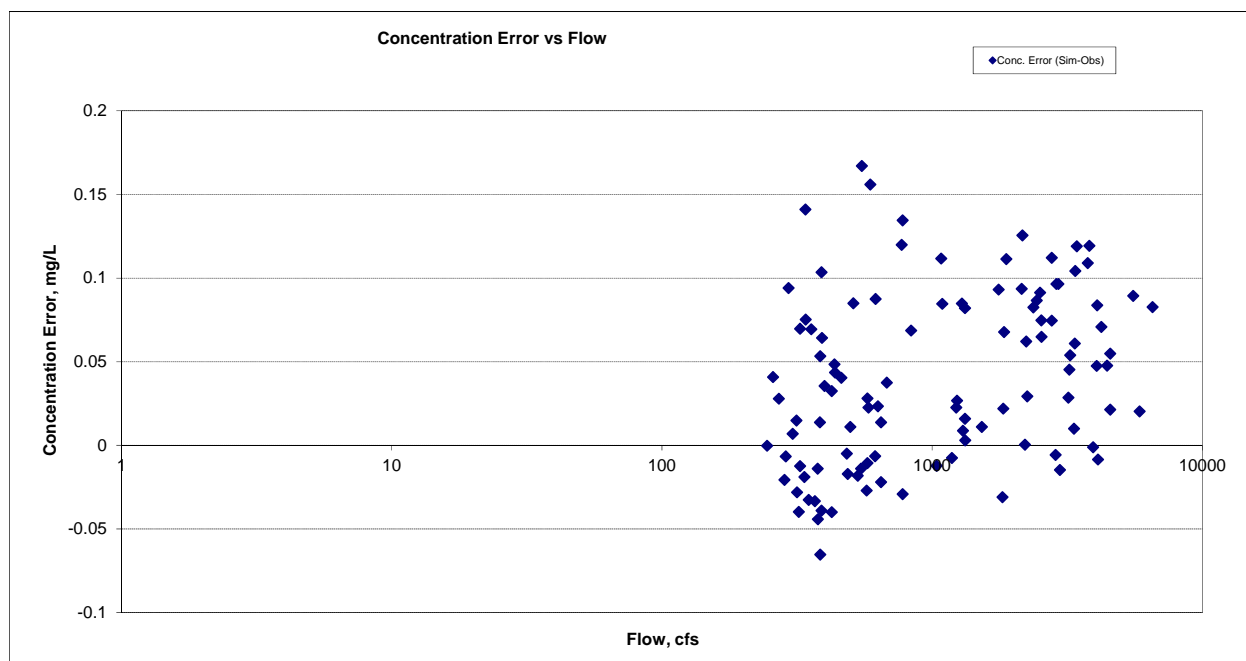


Figure H-272. Calibration Observed and Modeled TN Daily Paired Concentration Error vs. Flow, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

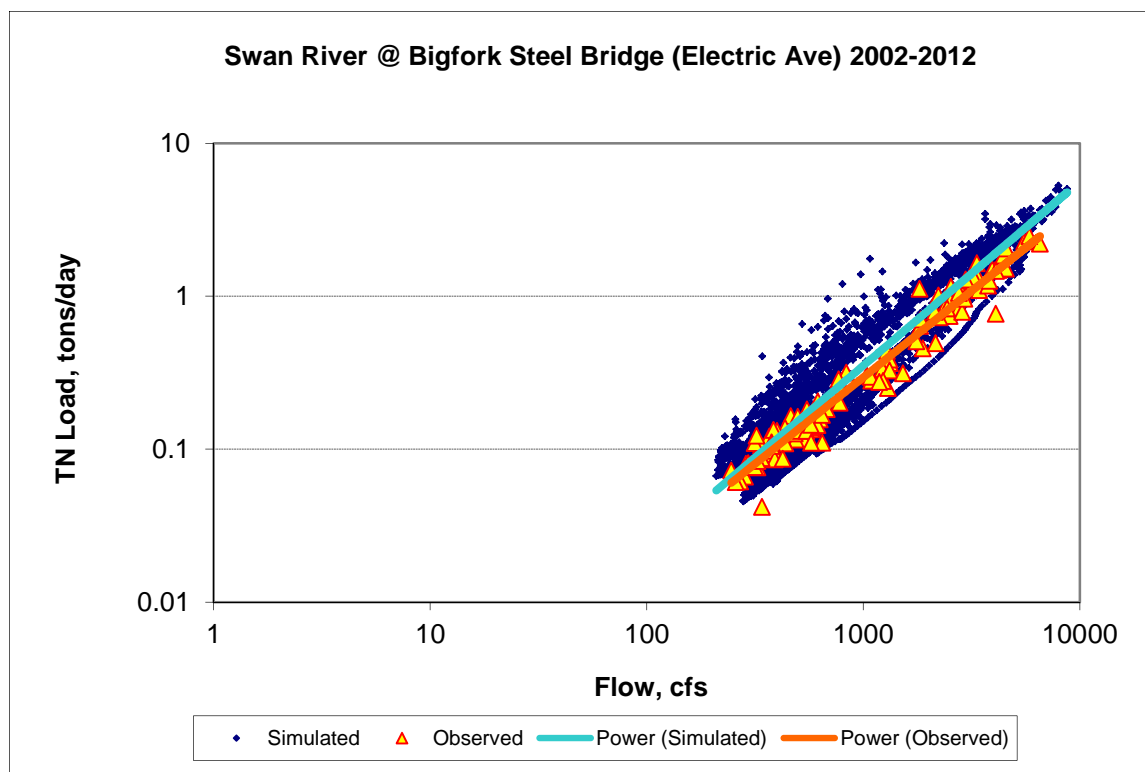


Figure H-273. Calibration Observed and Modeled TN Load vs. Flow Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

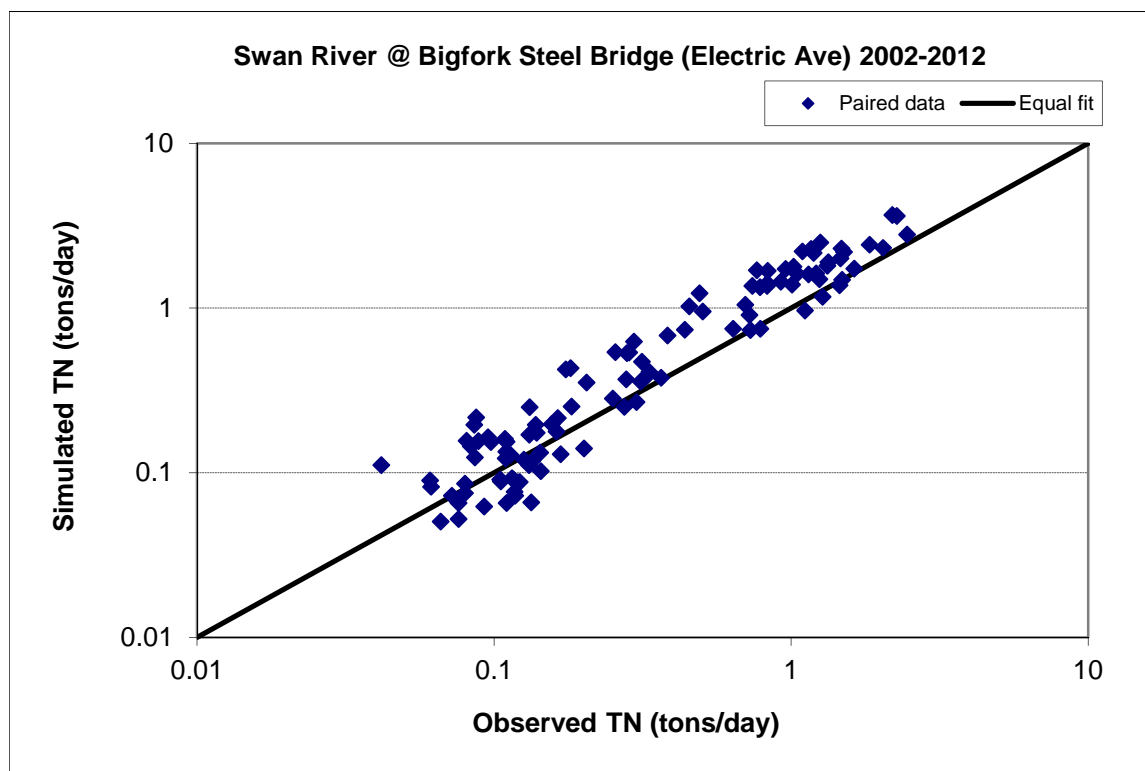


Figure H-274. Calibration Observed and Modeled TN Daily Paired Load Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

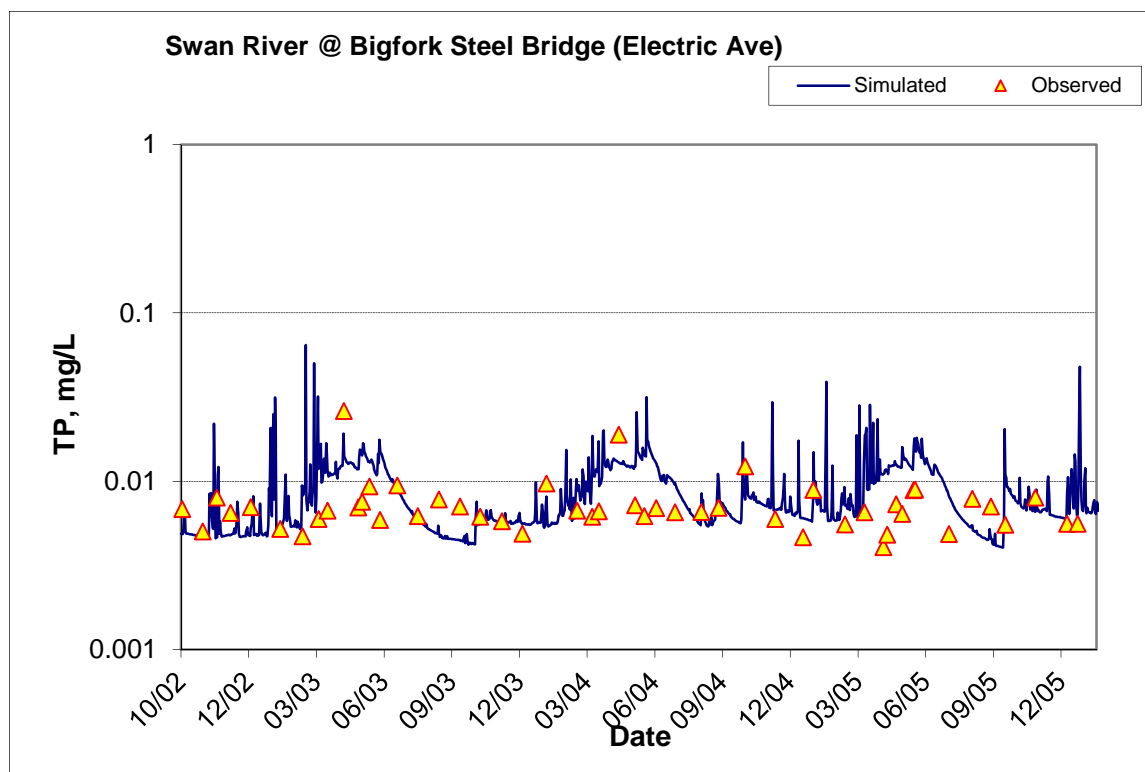


Figure H-275. Calibration Observed and Modeled TP Time series Oct. 2002 through Jan. 2006, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

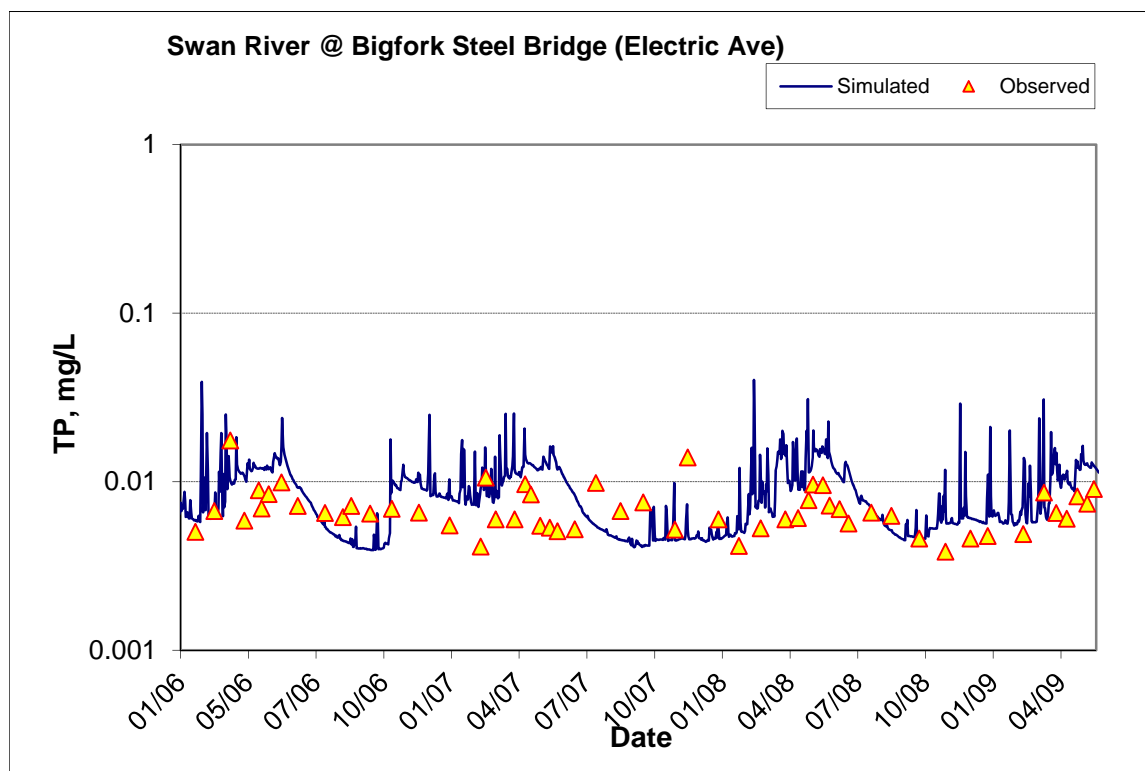


Figure H-276. Calibration Observed and Modeled TP Time series Feb. 2006 through May 2009, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

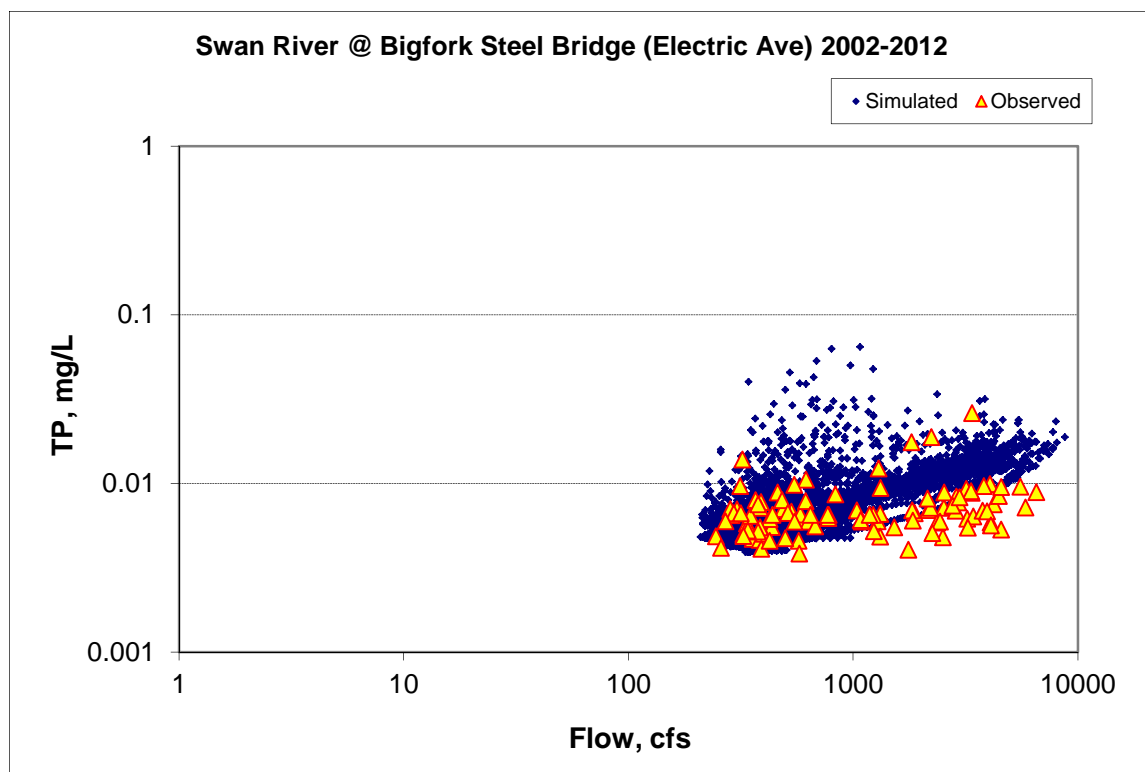


Figure H-277. Calibration Observed and Modeled TP Concentration vs. Flow Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

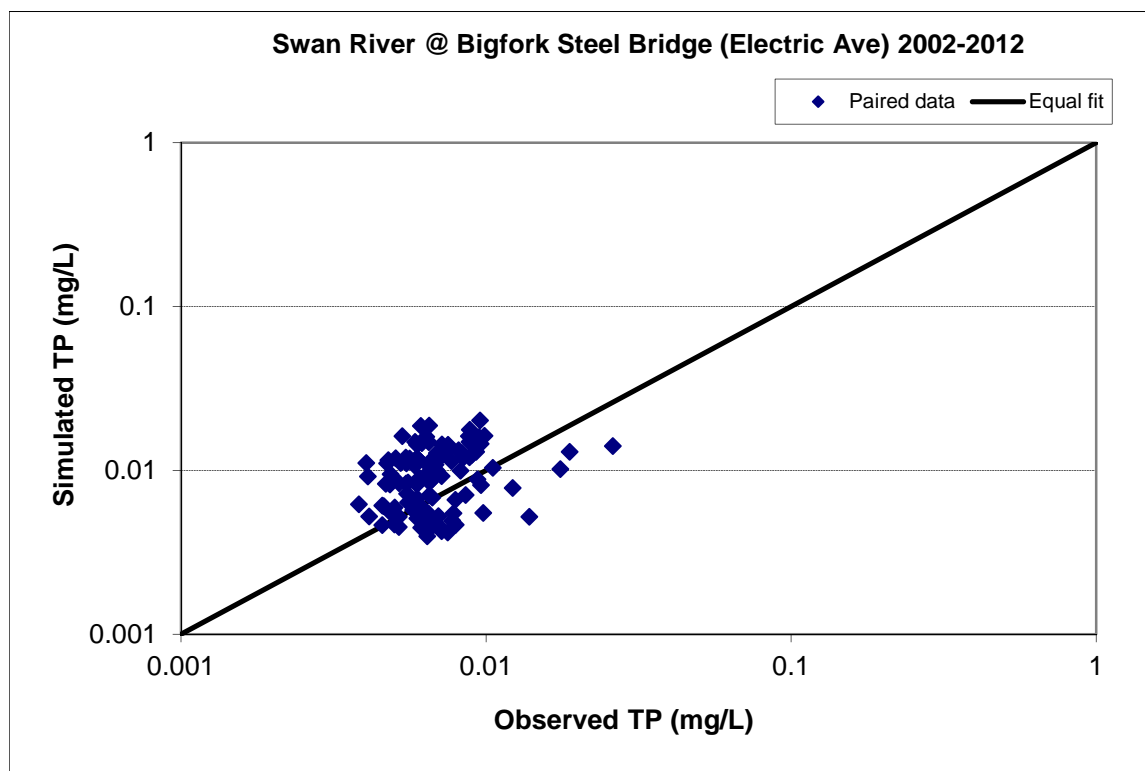


Figure H-278. Calibration Observed and Modeled TP Daily Paired Concentration Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

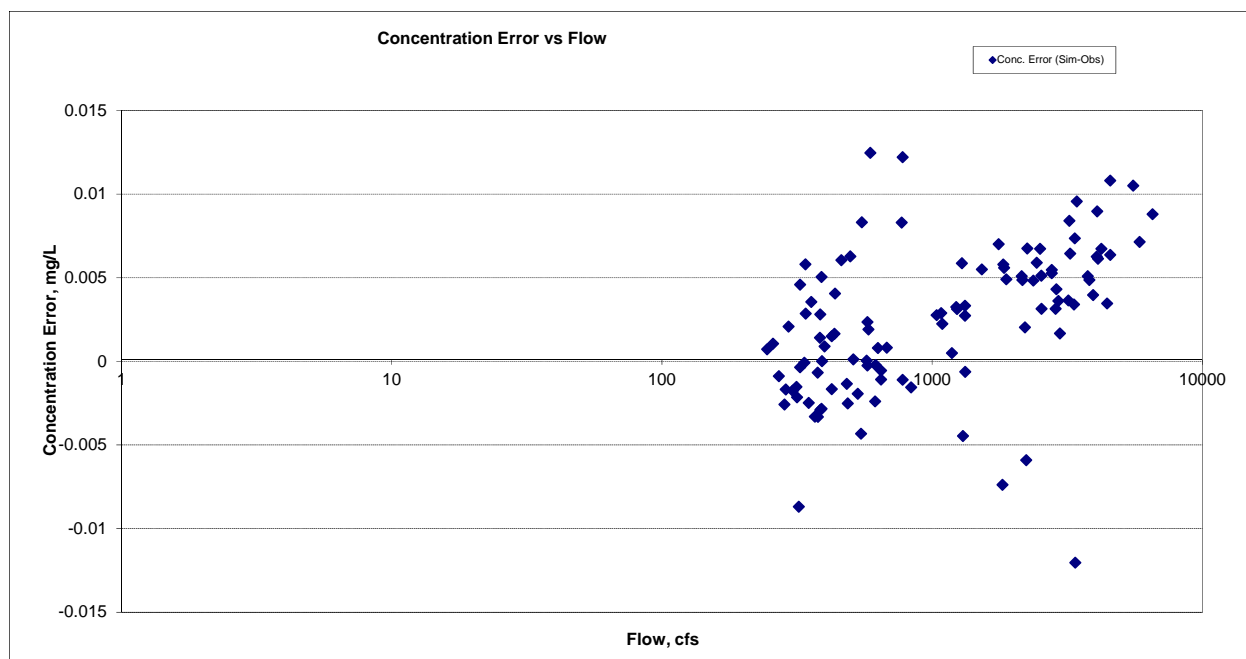


Figure H-279. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)

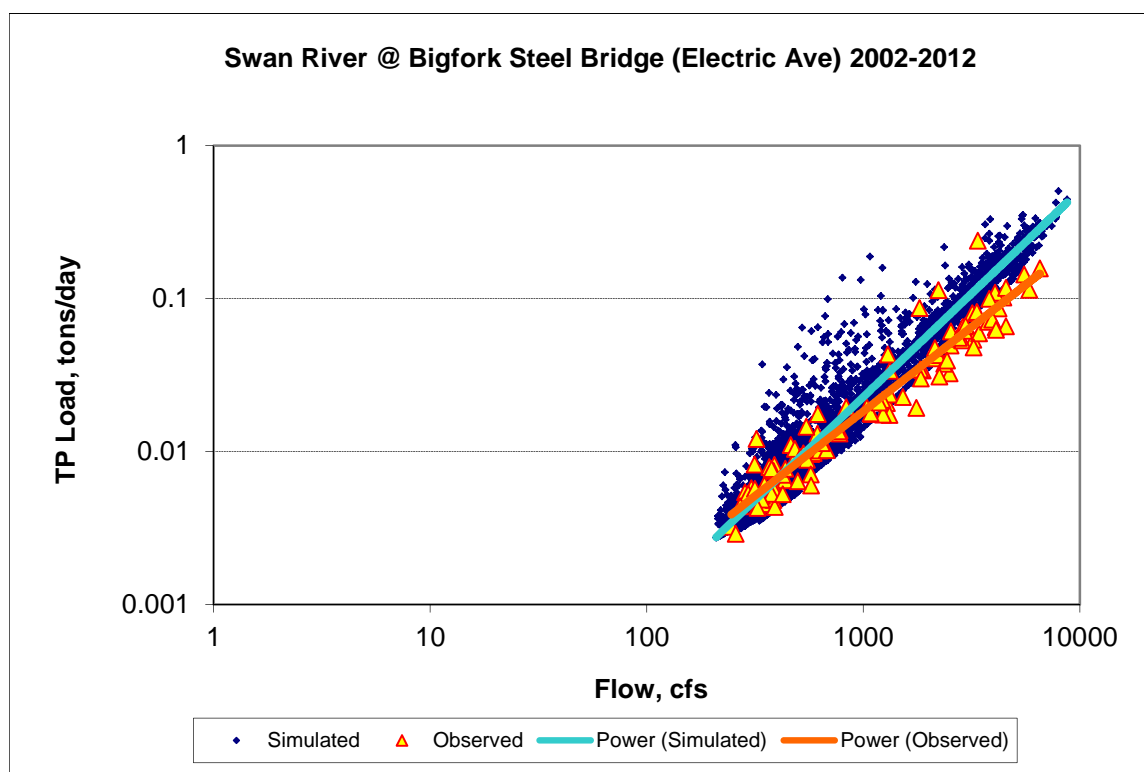
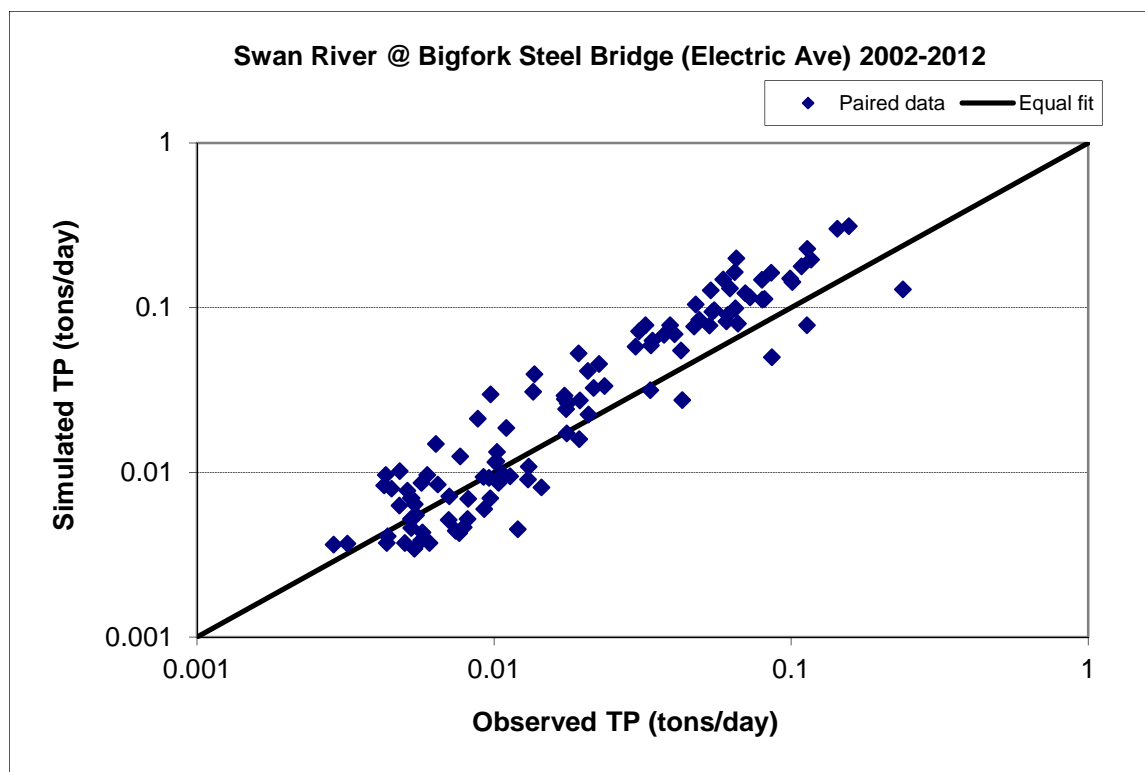


Figure H-280. Calibration Observed and Modeled TP Load vs. Flow Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)





**Figure H-281. Calibration Observed and Modeled TP Daily Paired Load Regression, FBC6009 Swan River @ Bigfork Steel Bridge (Electric Ave)**

## **H-15. GOAT CREEK (SRSF01)**

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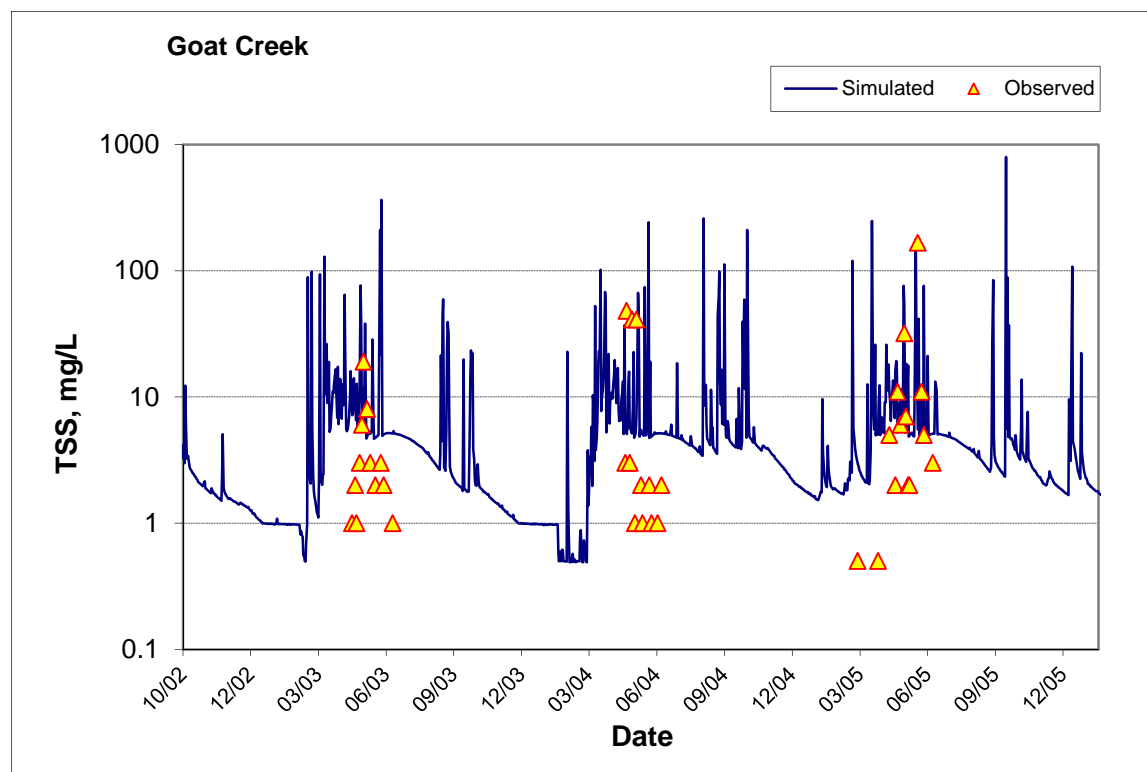


Figure H-282. Calibration Observed and Modeled TSS Time series Oct.2002 through Jan.2006, SRSF01 Goat Creek

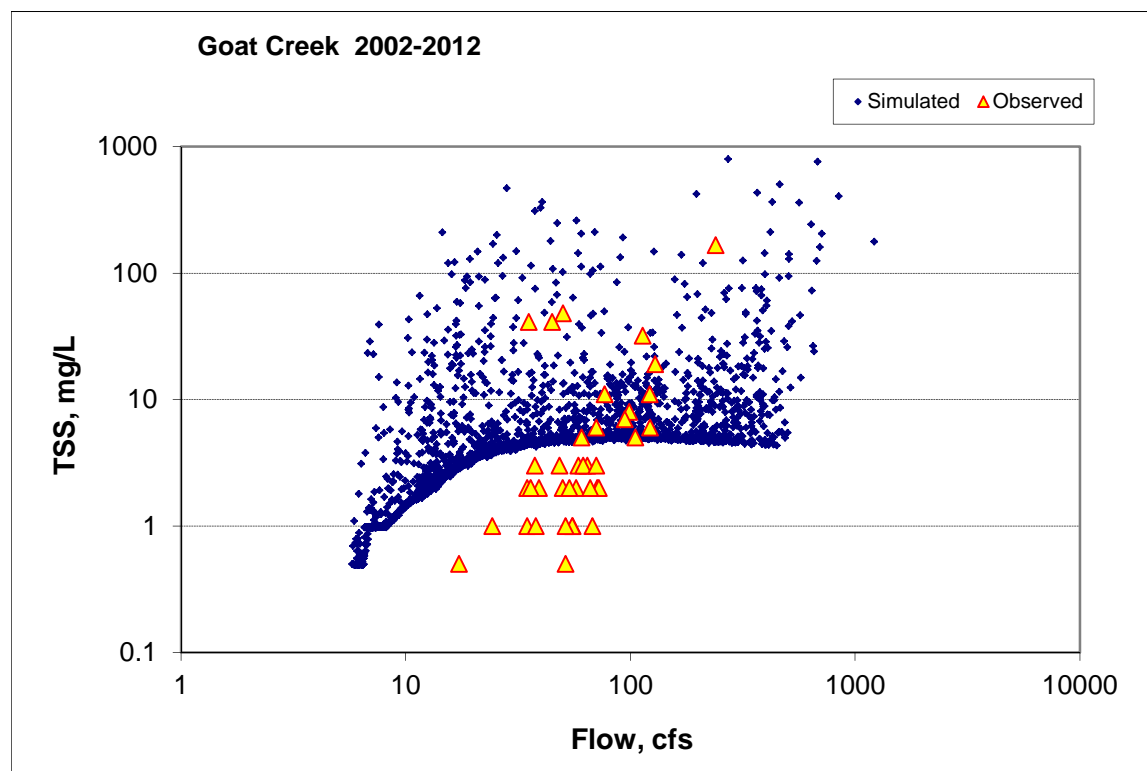


Figure H-283. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, SRSF01 Goat Creek

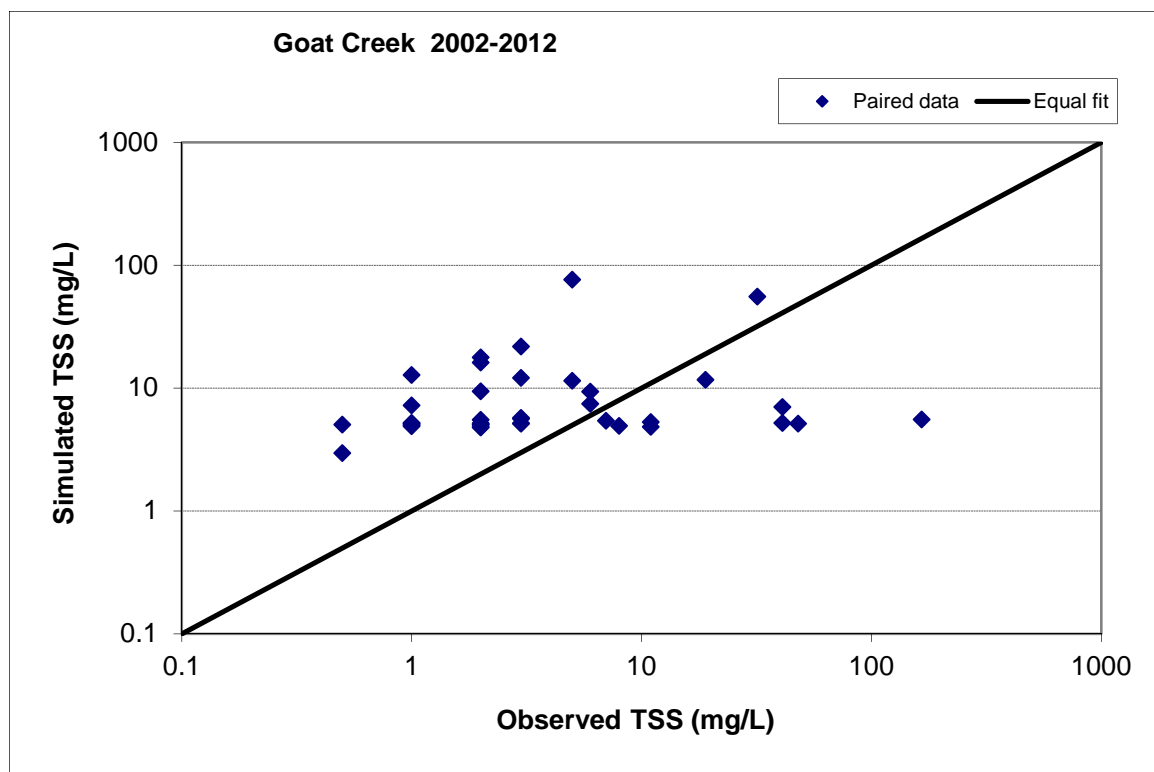


Figure H-284. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, SRSF01 Goat Creek

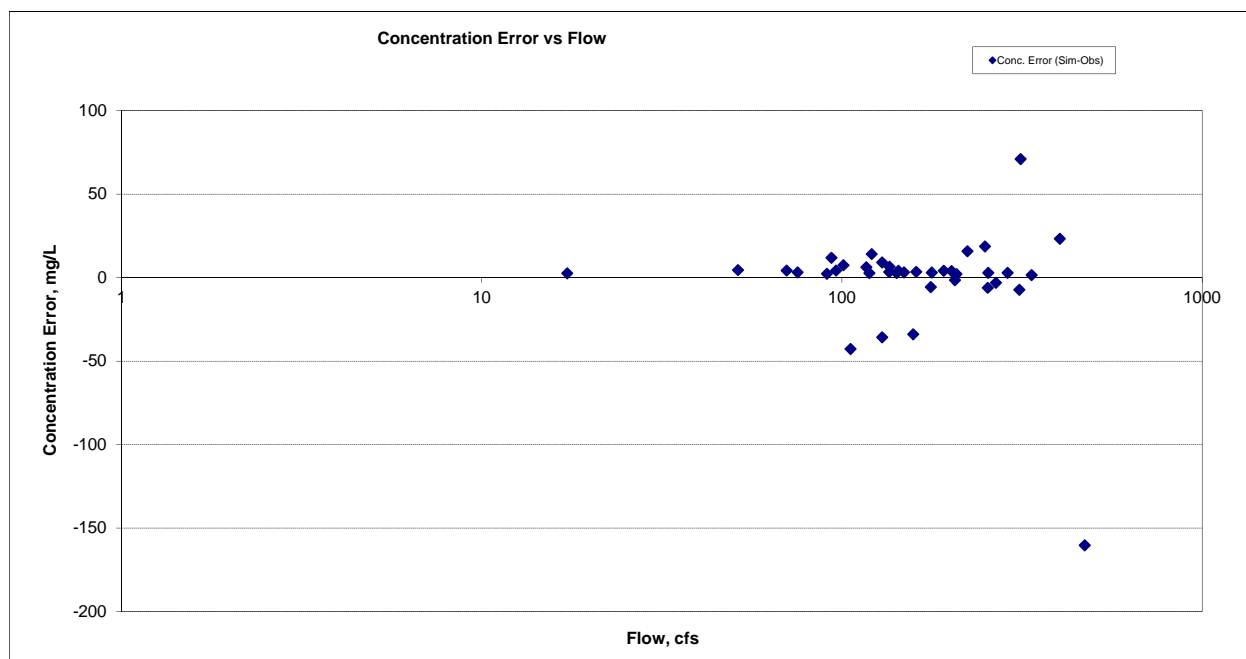


Figure H-285. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, SRSF01 Goat Creek

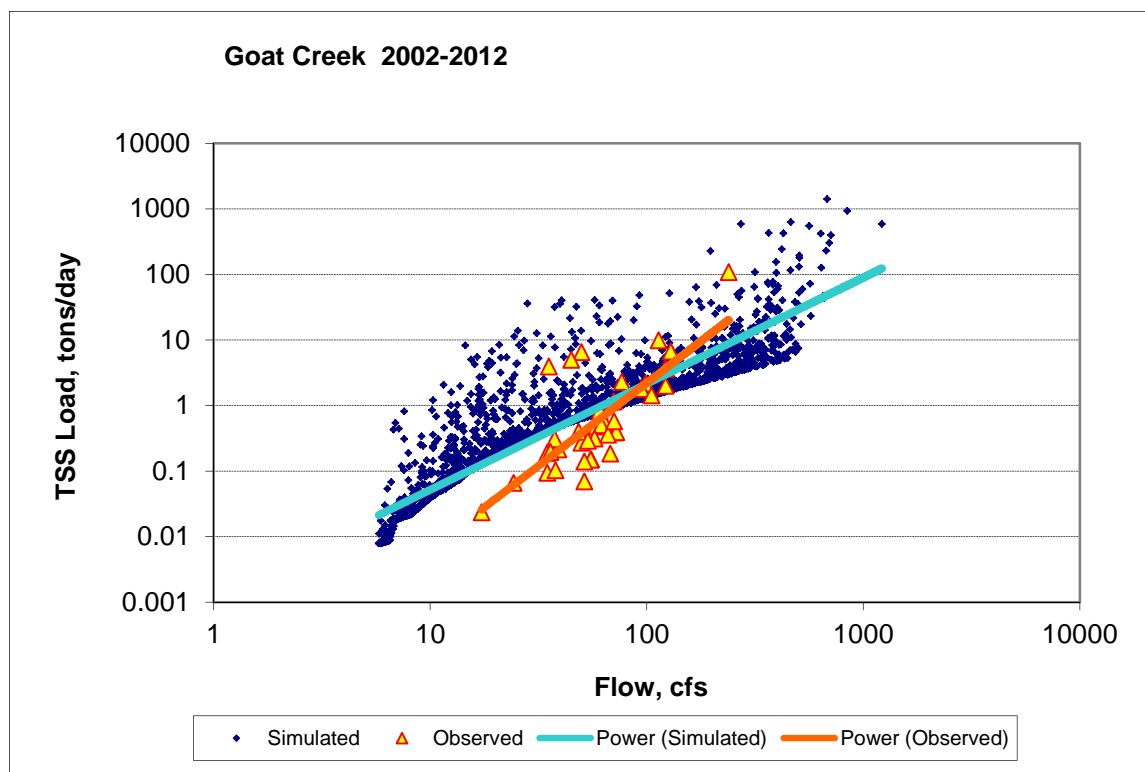


Figure H-286. Calibration Observed and Modeled TSS Load vs. Flow Regression, SRSF01 Goat Creek

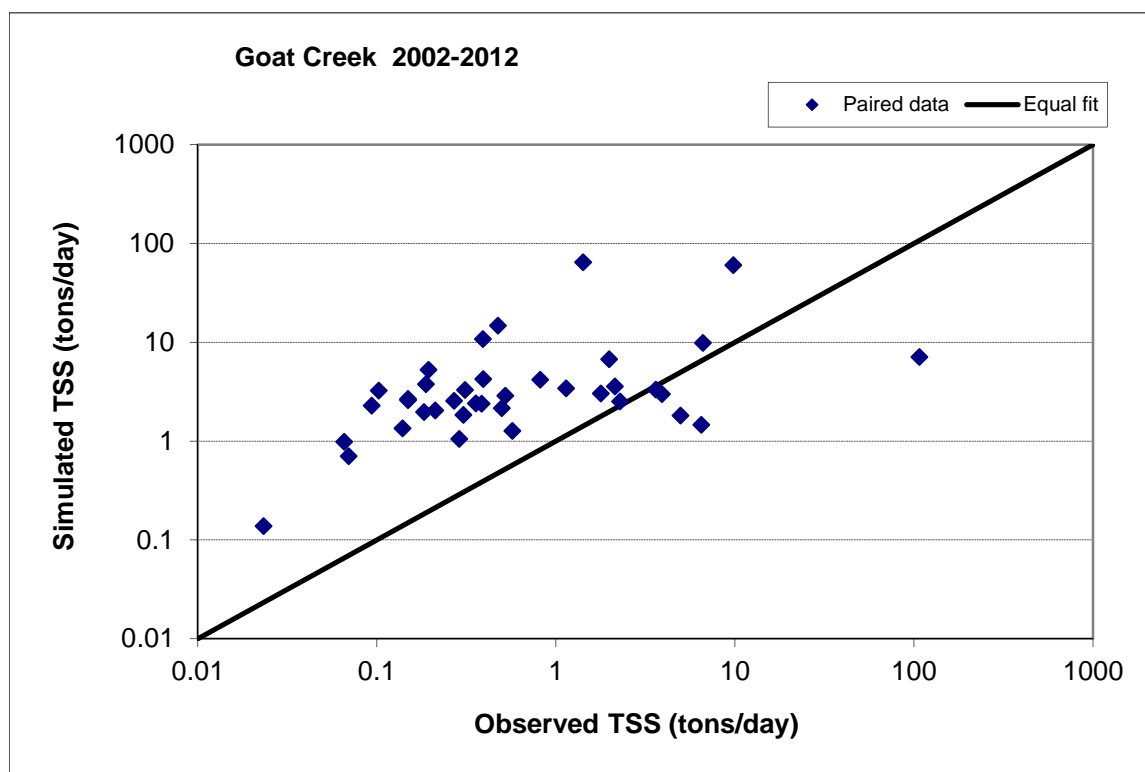


Figure H-287. Calibration Observed and Modeled TSS Daily Paired Load Regression, SRSF01 Goat Creek

Observed and Modeled TN Time series June 2009 through Sept.2012, SRSF01 Goat Creek

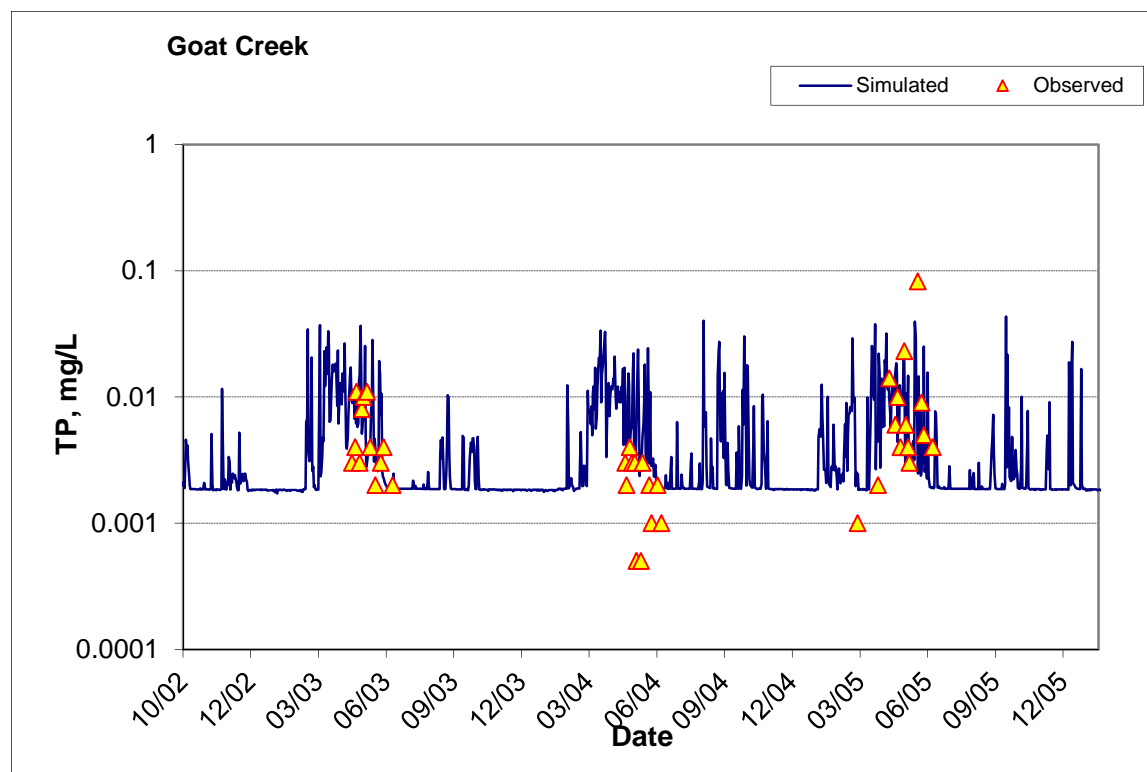


Figure H-288. Calibration Observed and Modeled TP Time series Oct. 2002 through Jan. 2006, SRSF01 Goat Creek

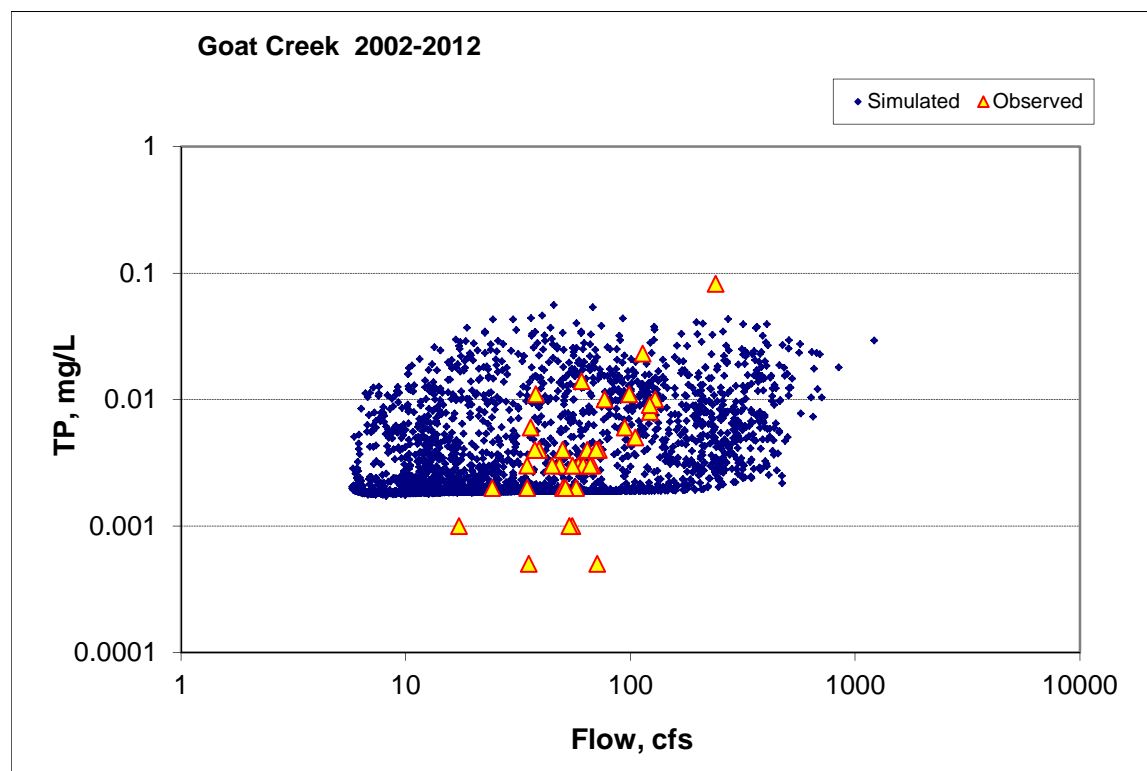


Figure H-289. Calibration Observed and Modeled TP Concentration vs. Flow Regression, SRSF01 Goat Creek

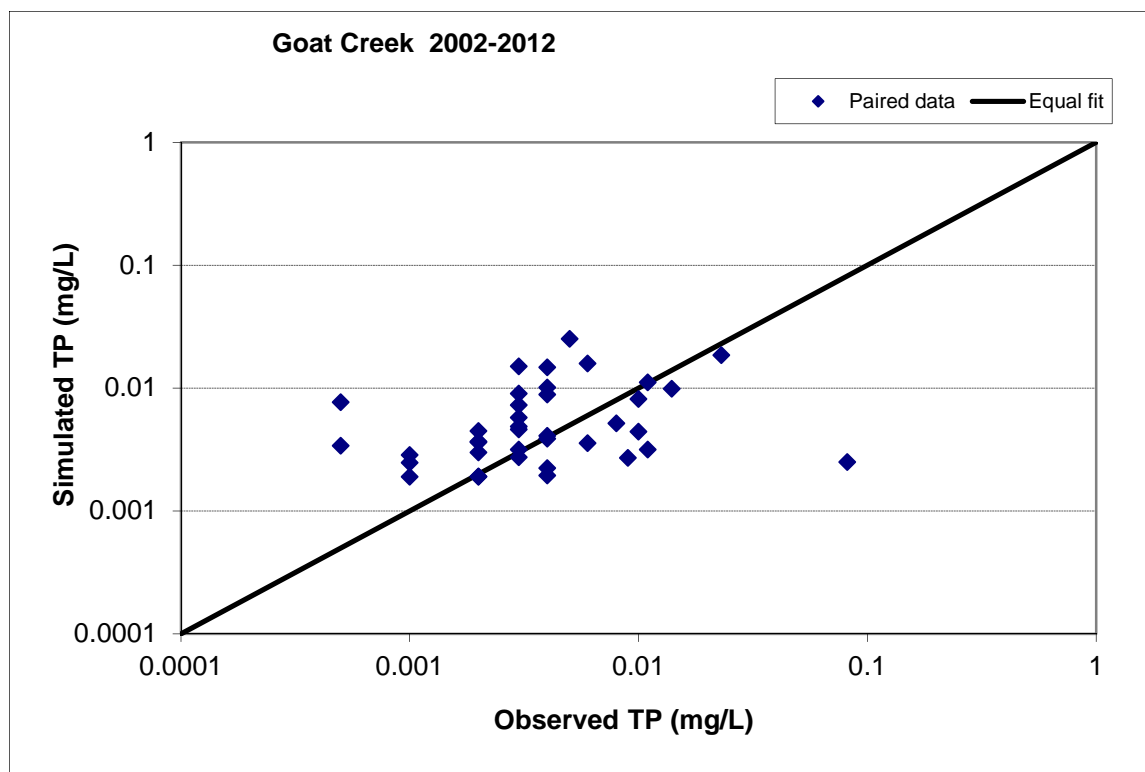


Figure H-290. Calibration Observed and Modeled TP Daily Paired Concentration Regression, SRSF01 Goat Creek

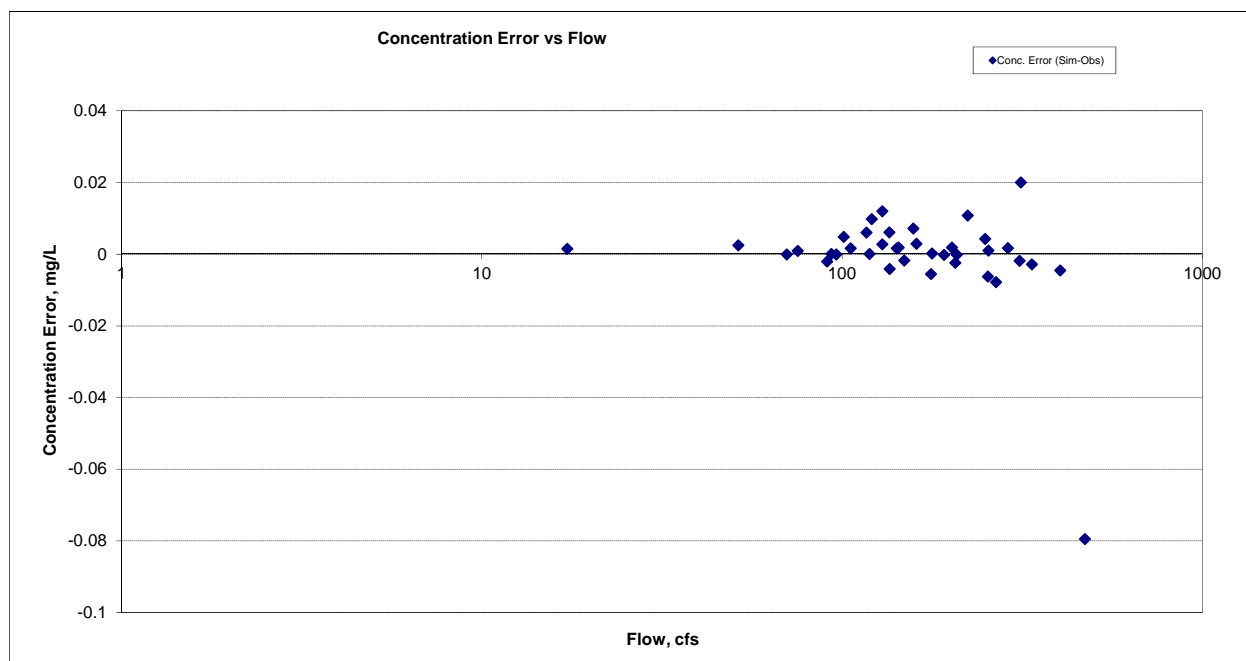


Figure H-291. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, SRSF01 Goat Creek

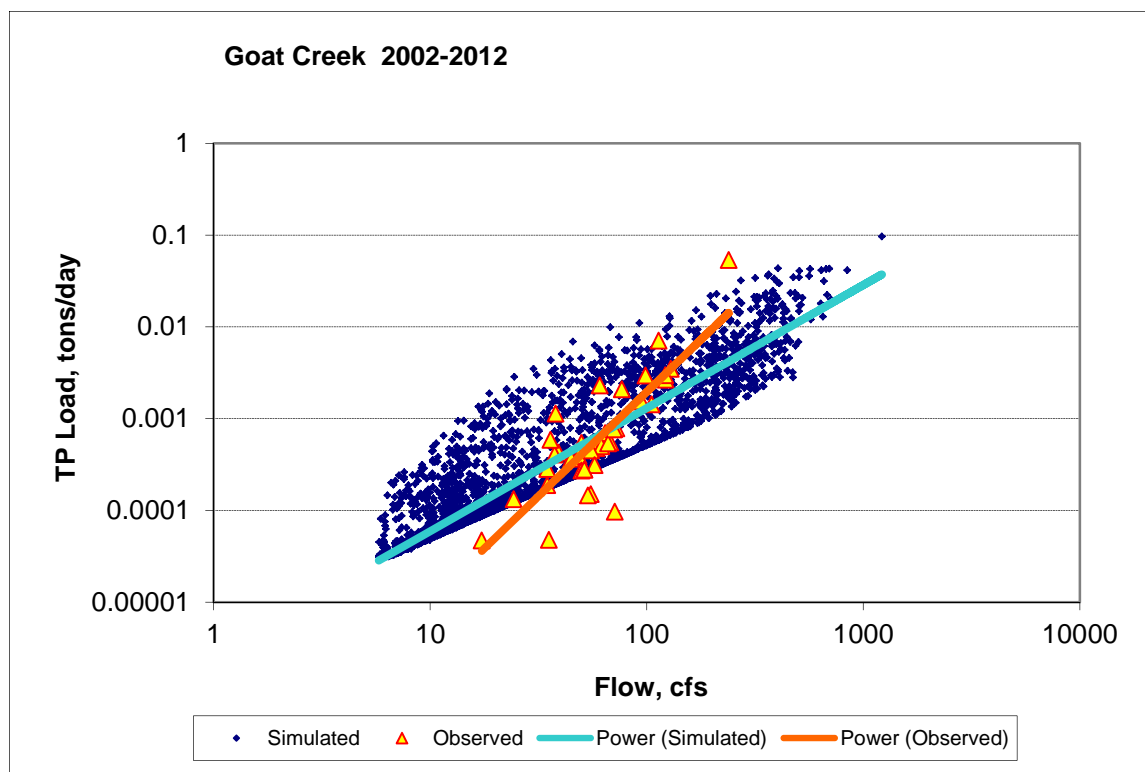


Figure H-292. Calibration Observed and Modeled TP Load vs. Flow Regression, SRSF01 Goat Creek

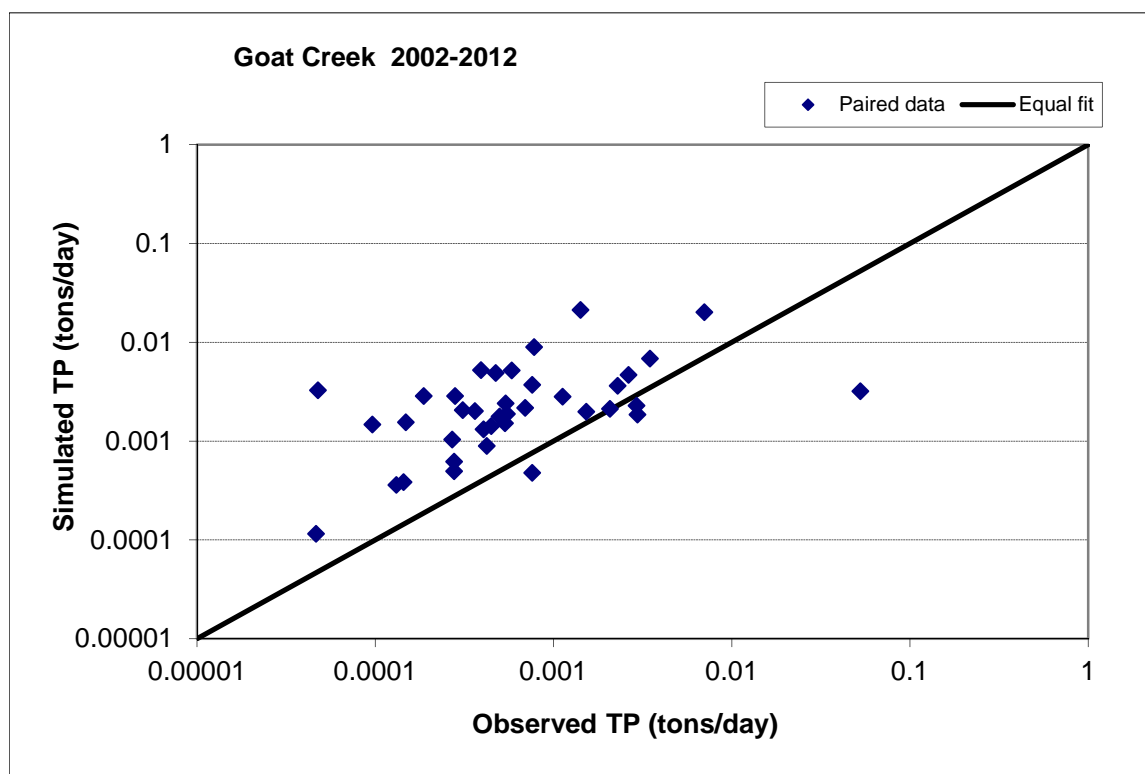


Figure H-293. Calibration Observed and Modeled TP Daily Paired Load Regression, SRSF01 Goat Creek



## **H-16. MIDDLE SWIFT CREEK (STSF05)**

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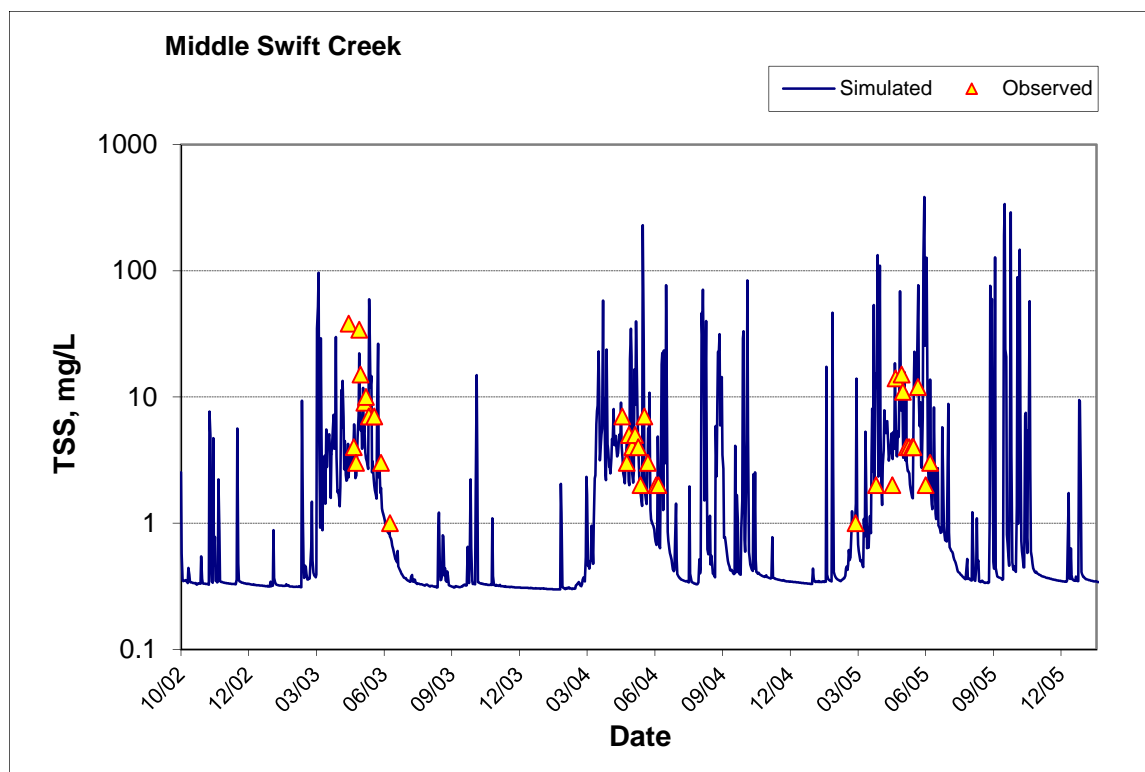


Figure H-294. Calibration Observed and Modeled TSS Time series Oct.2002 through Jan.2006, STSF05 Middle Swift Creek

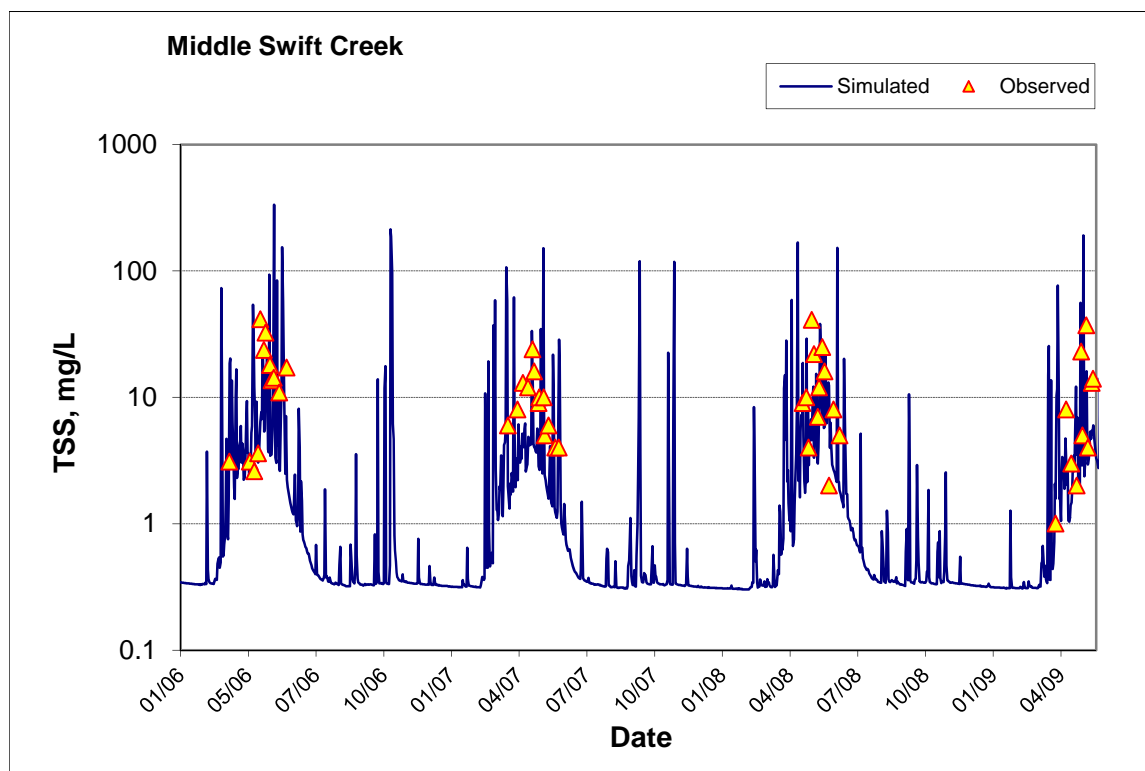


Figure H-295. Calibration Observed and Modeled TSS Time series Feb.2006 through May 2009, STSF05 Middle Swift Creek

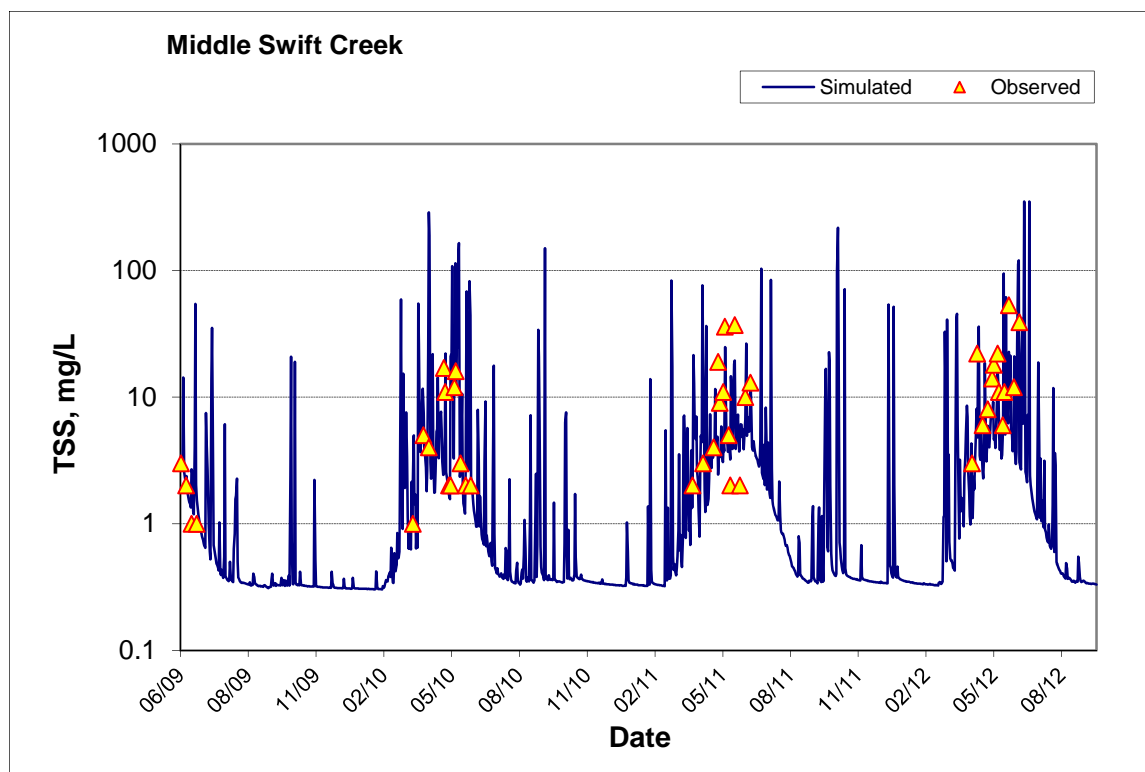


Figure H-296. Calibration Observed and Modeled TSS Time series June 2009 through Sept. 2012, STSF05 Middle Swift Creek

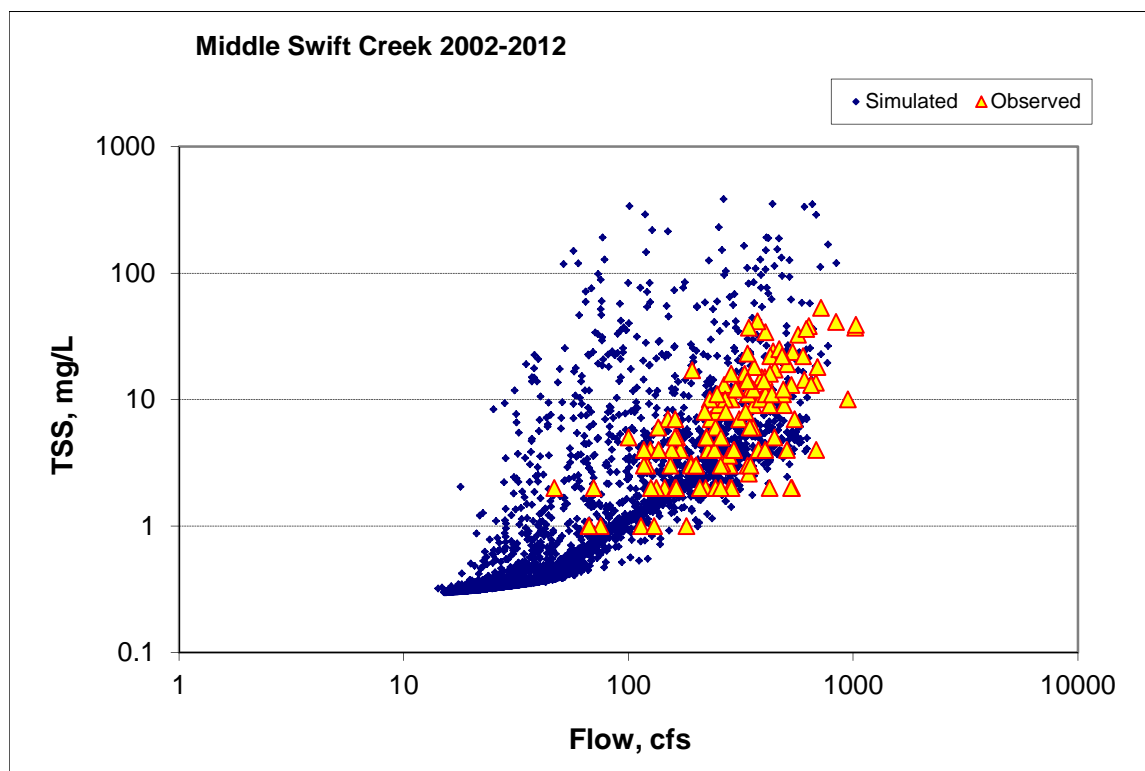


Figure H-297. Calibration Observed and Modeled TSS Concentration vs. Flow Regression, STSF05 Middle Swift Creek

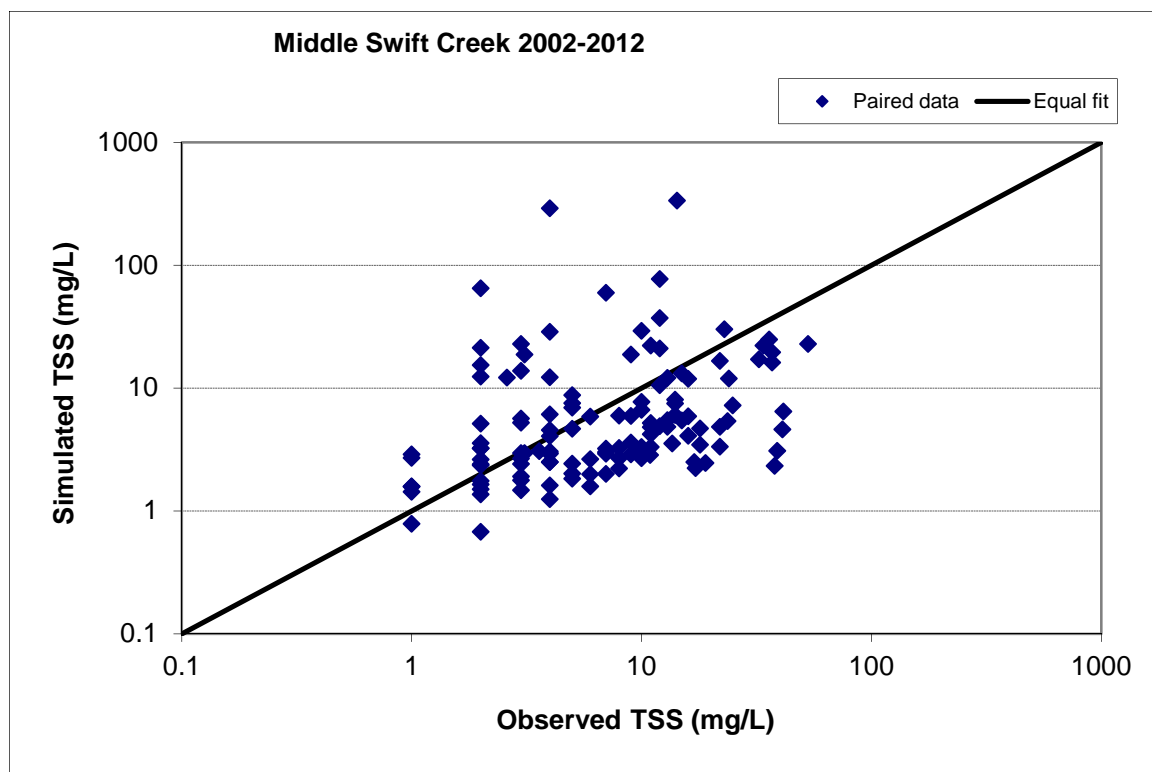


Figure H-298. Calibration Observed and Modeled TSS Daily Paired Concentration Regression, STSF05 Middle Swift Creek

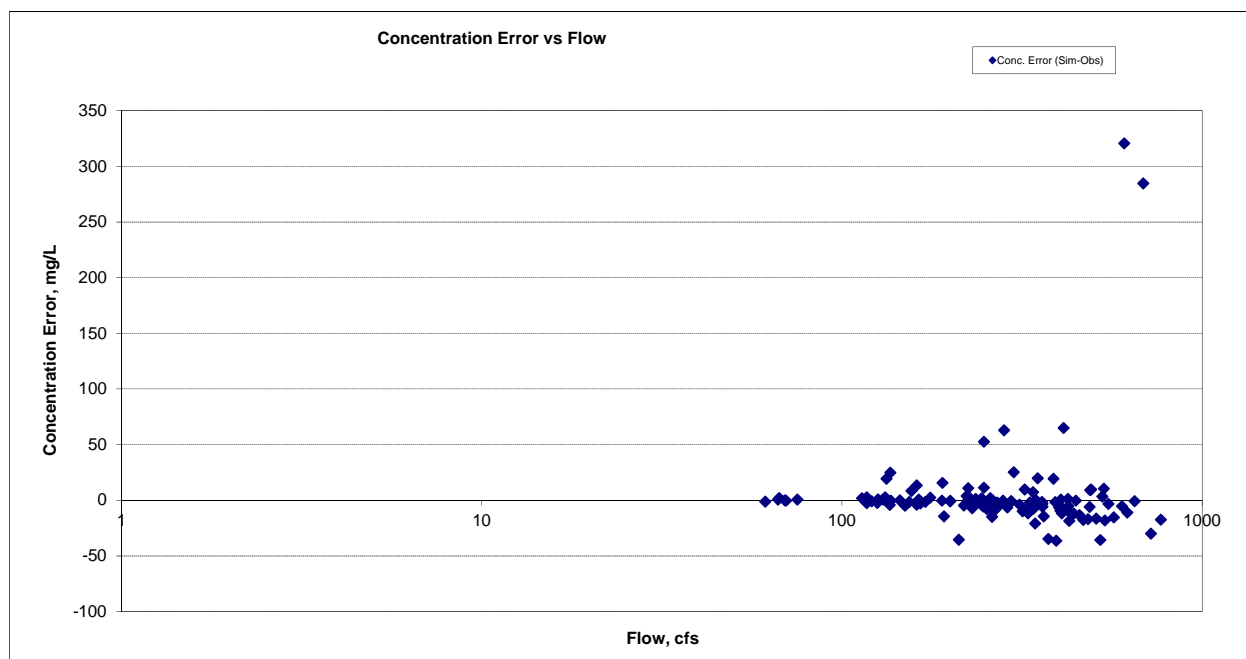
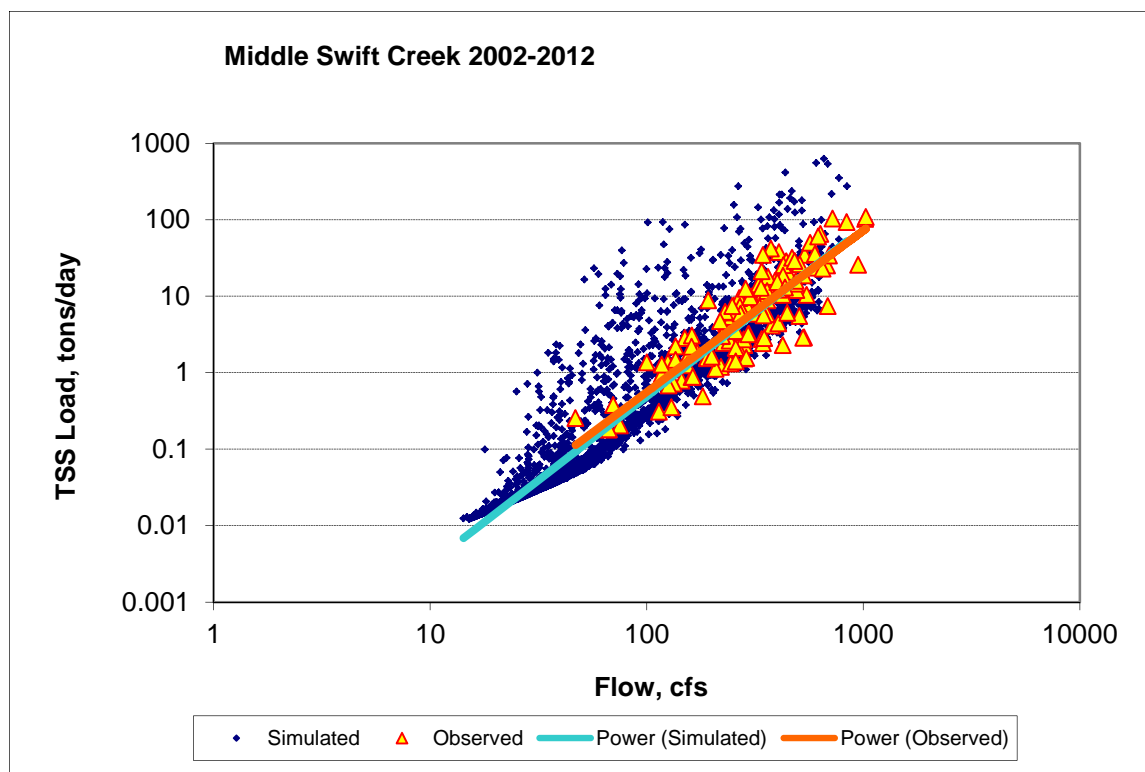
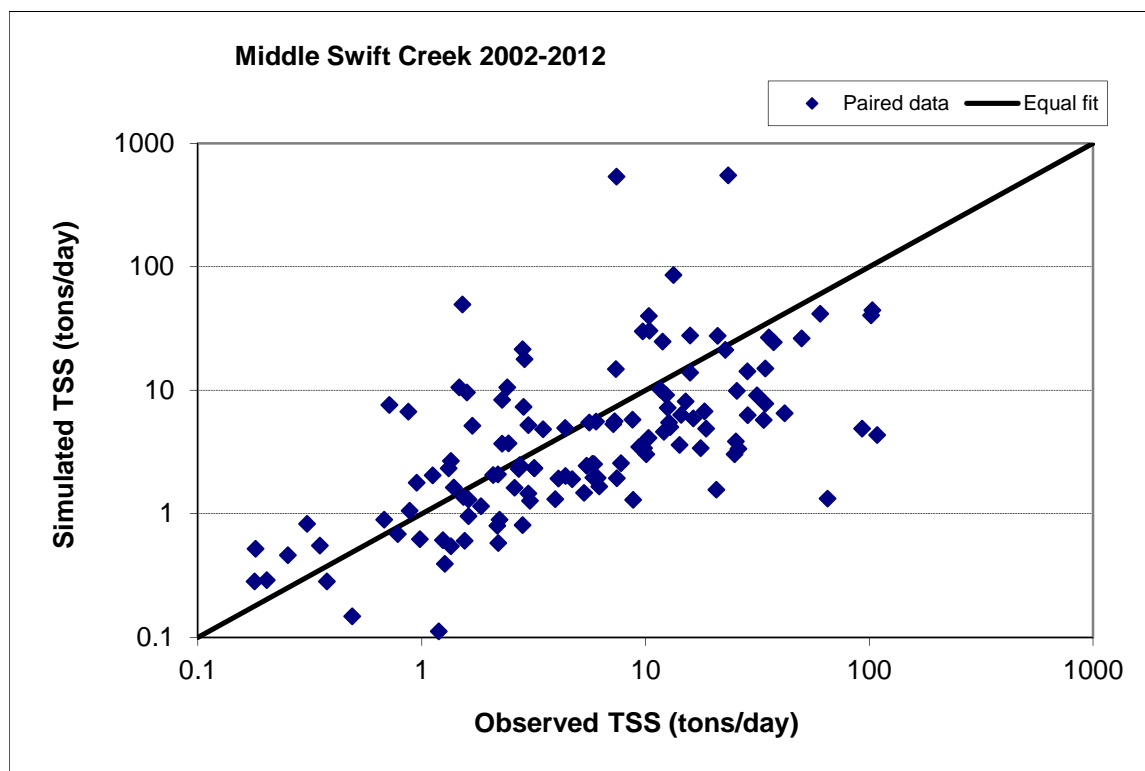


Figure H-299. Calibration Observed and Modeled TSS Daily Paired Concentration Error vs. Flow, STSF05 Middle Swift Creek



**Figure H-300. Calibration Observed and Modeled TSS Load vs. Flow Regression, STSF05 Middle Swift Creek**



**Figure H-301. Calibration Observed and Modeled TSS Daily Paired Load Regression, STSF05 Middle Swift Creek**

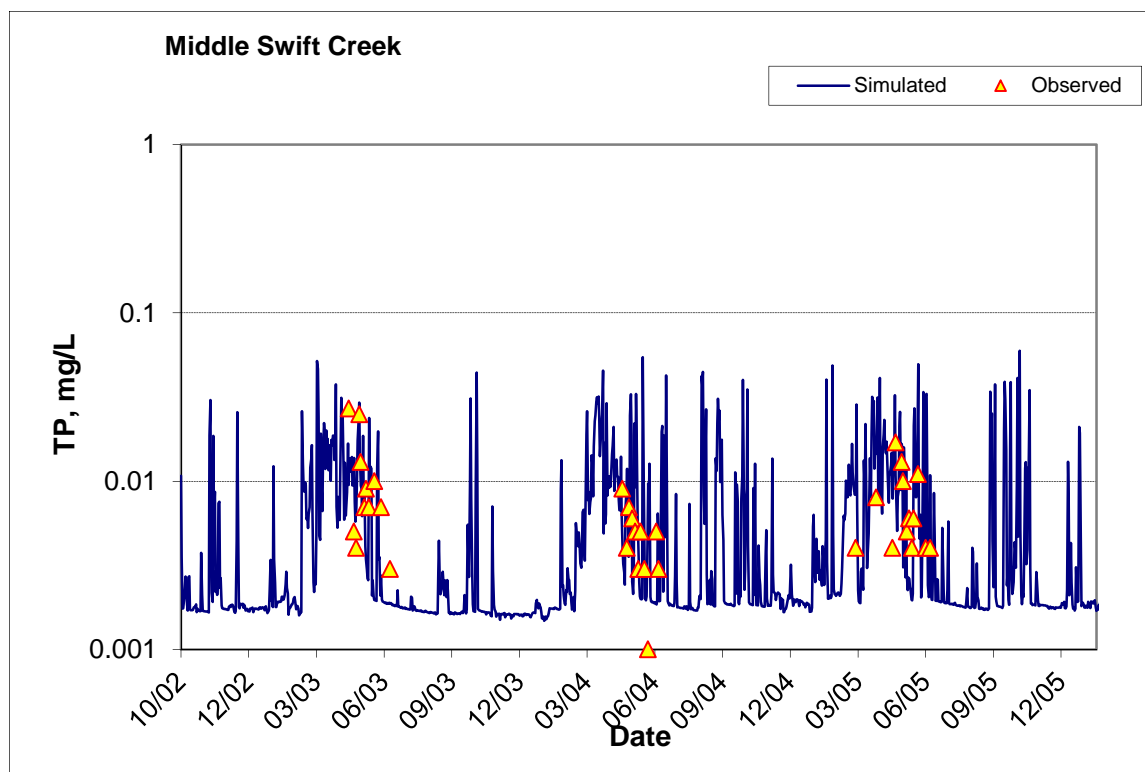


Figure H-302. Calibration Observed and Modeled TP Time series Oct. 2002 through Jan. 2006, STSF05 Middle Swift Creek

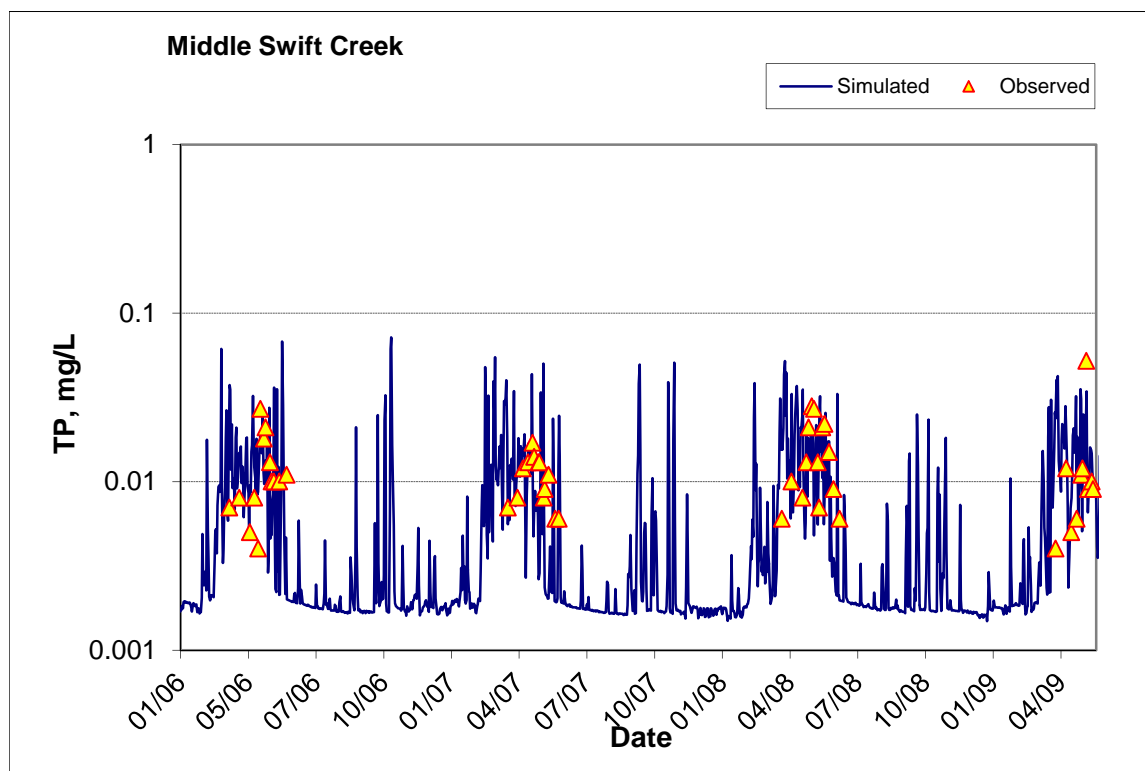


Figure H-303. Calibration Observed and Modeled TP Time series Feb. 2006 through May 2009, STSF05 Middle Swift Creek

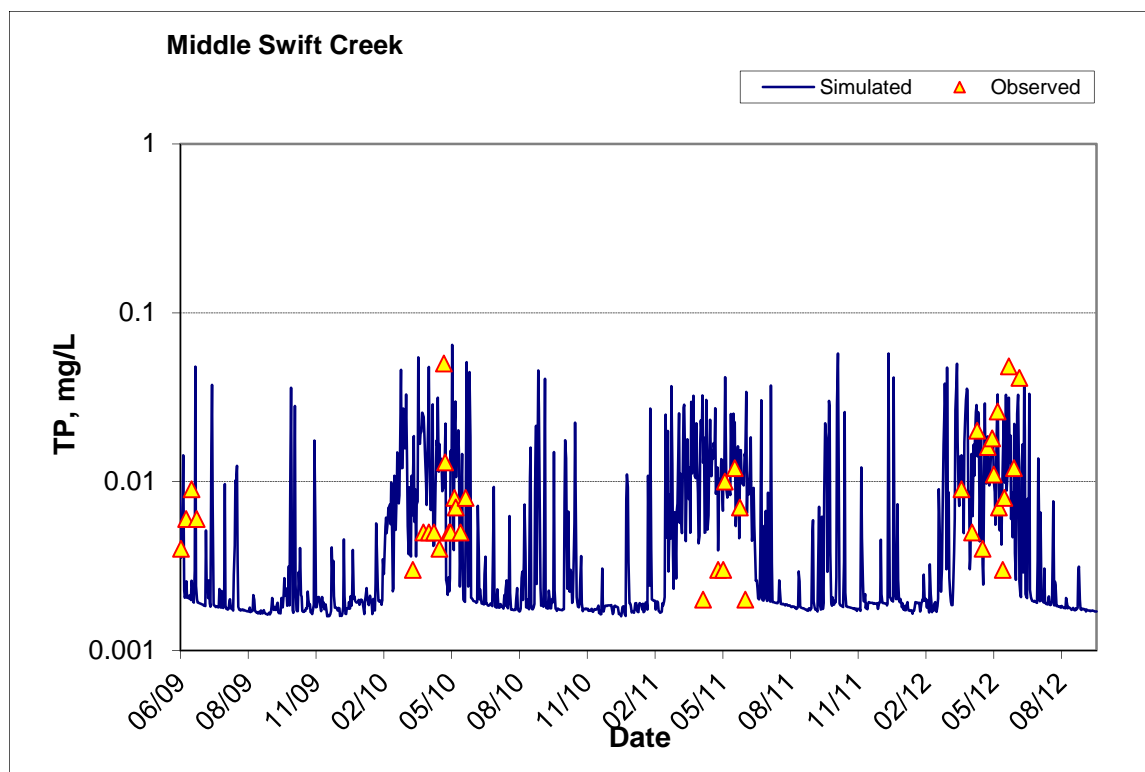


Figure H-304. Calibration Observed and Modeled TP Time series June 2009 through Sept.2012, STSF05 Middle Swift Creek

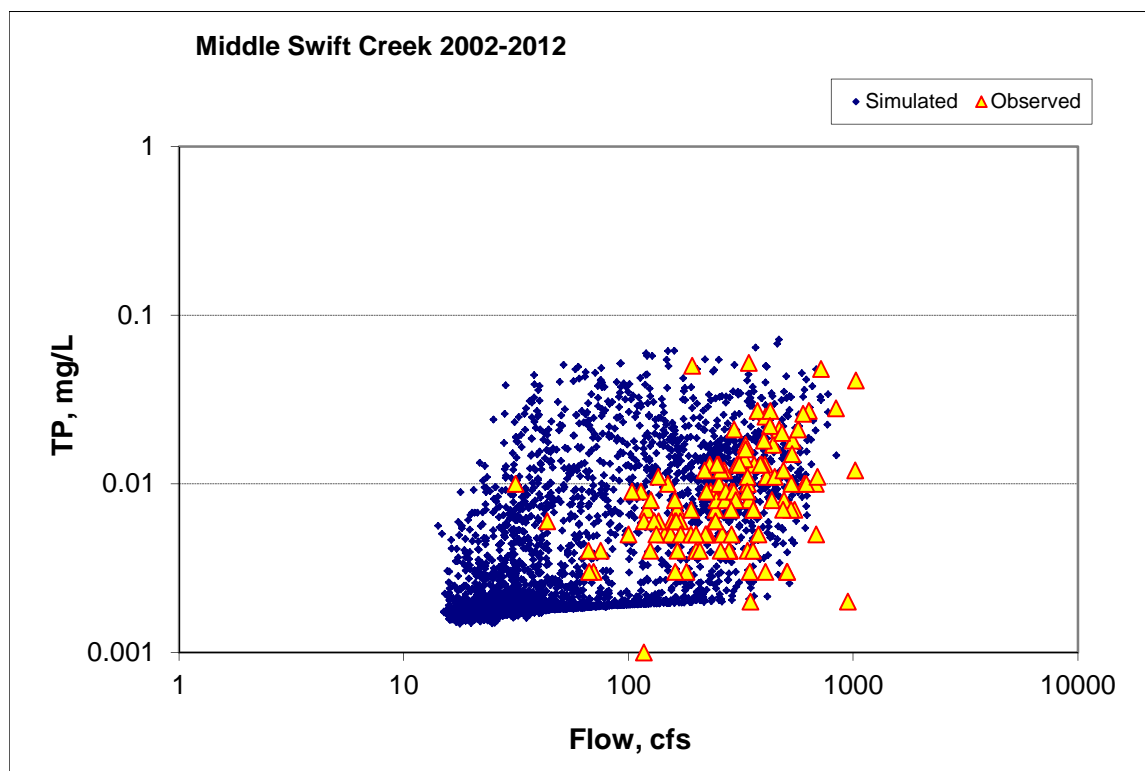


Figure H-305. Calibration Observed and Modeled TP Concentration vs. Flow Regression, STSF05 Middle Swift Creek

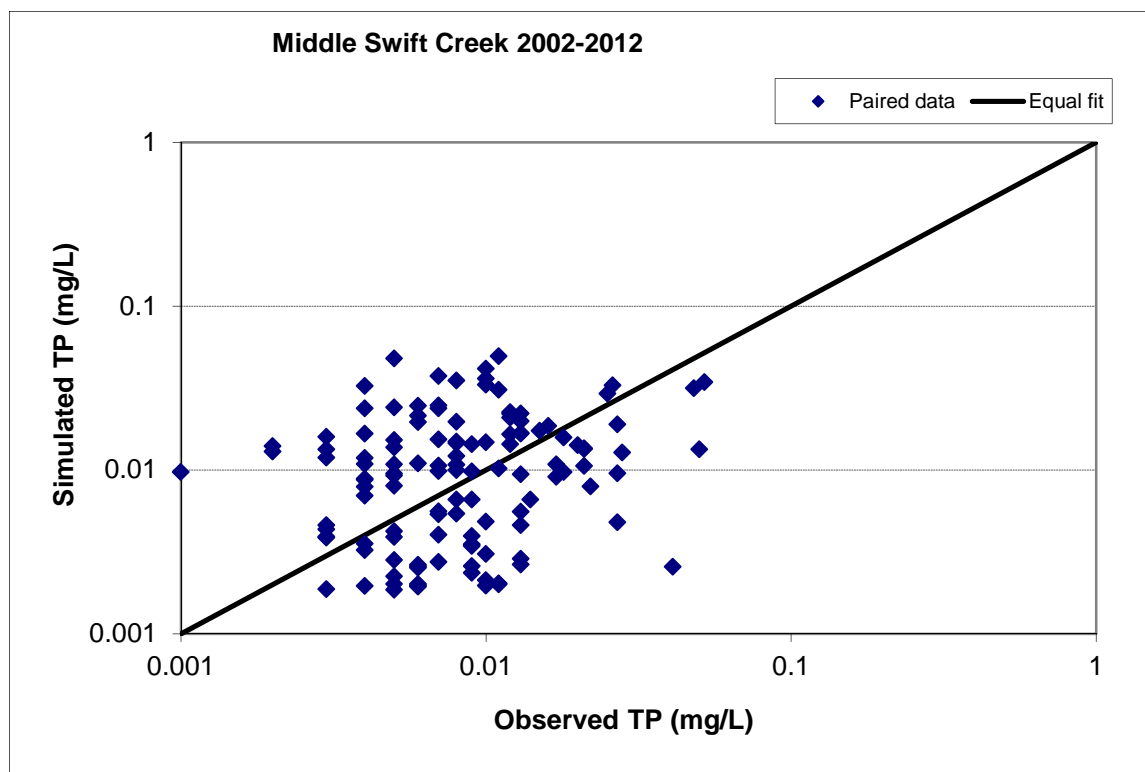


Figure H-306. Calibration Observed and Modeled TP Daily Paired Concentration Regression, STSF05 Middle Swift Creek

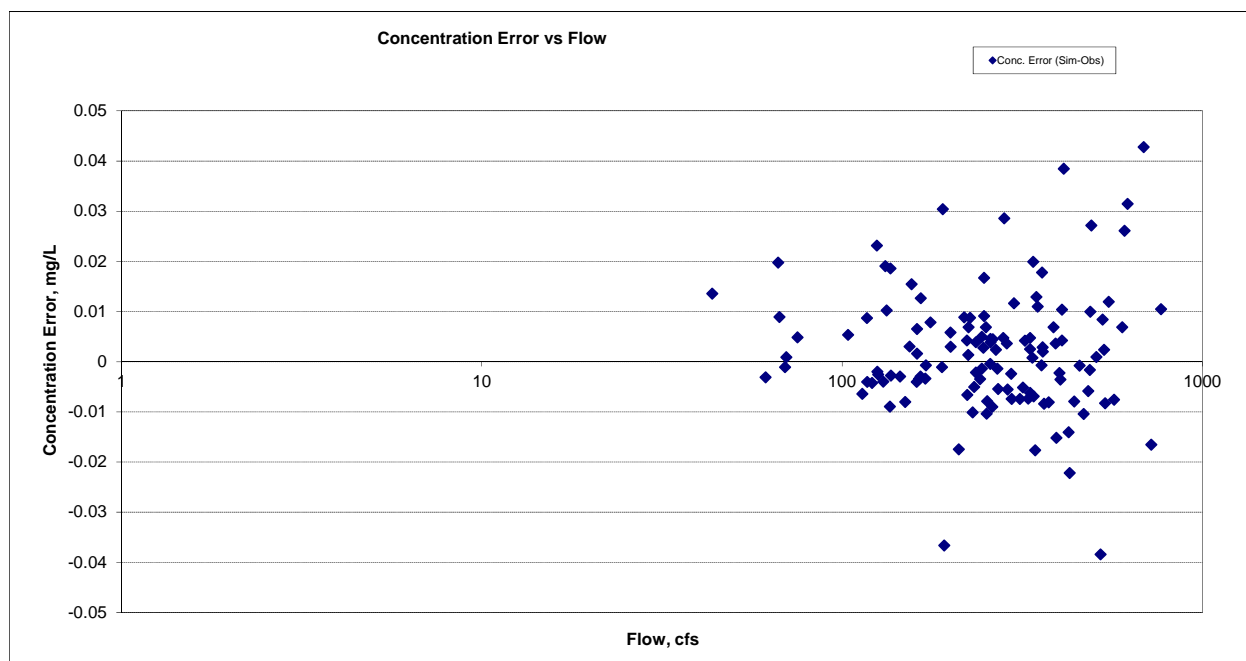
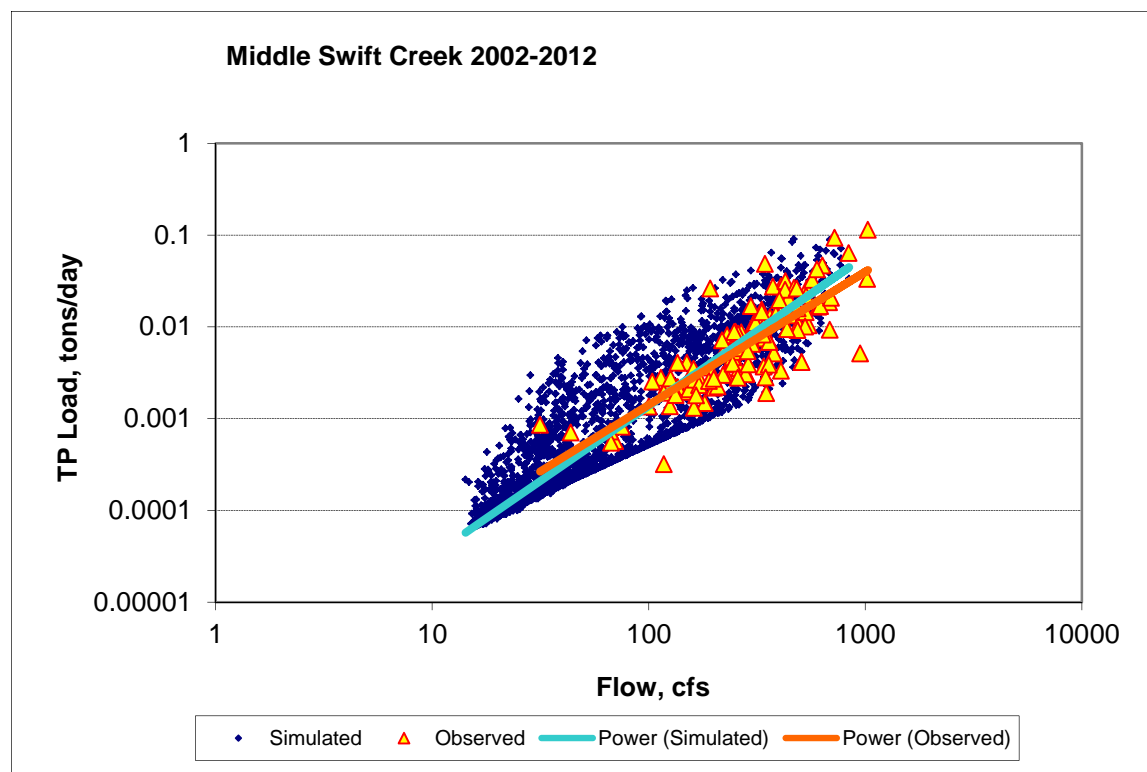
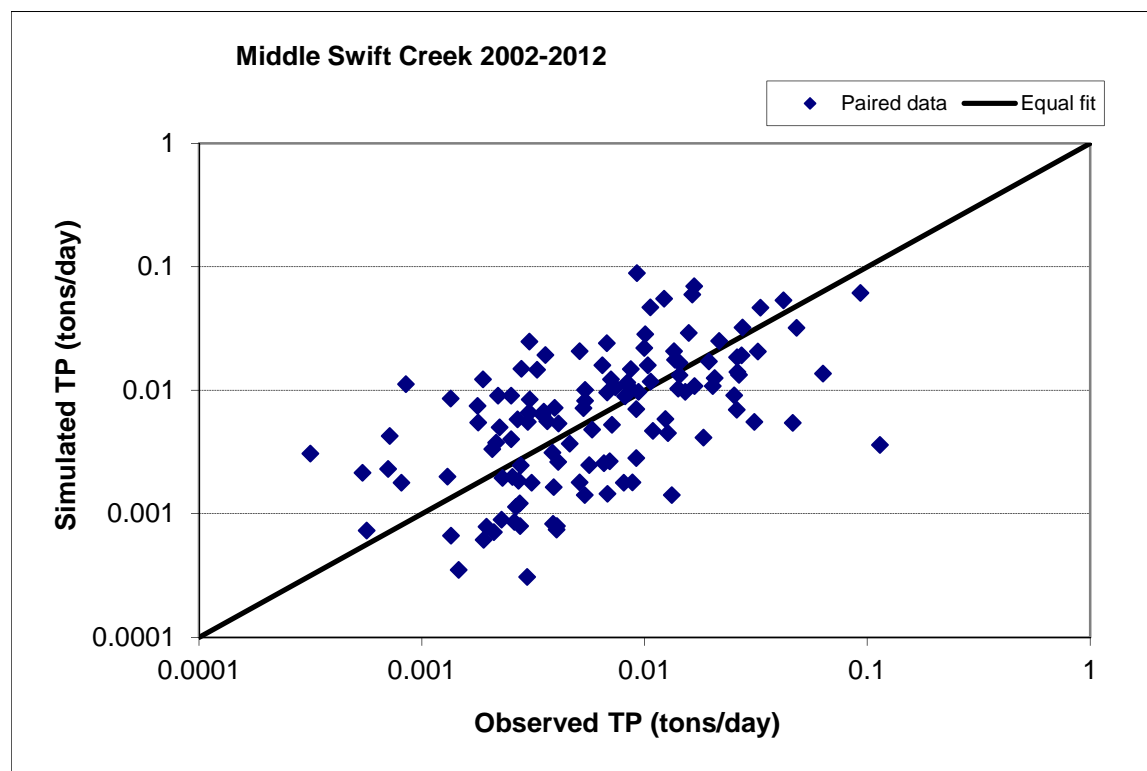


Figure H-307. Calibration Observed and Modeled TP Daily Paired Concentration Error vs. Flow, STSF05 Middle Swift Creek





**Figure H-308. Calibration Observed and Modeled TP Load vs. Flow Regression, STSF05 Middle Swift Creek**



**Figure H-309. Calibration Observed and Modeled TP Daily Paired Load Regression, STSF05 Middle Swift Creek**