

Sulphur River Basin Authority
Coordinated Monitoring Meeting
FY 2016

The CMM was held at the Texarkana College Chemistry Building Room 221 at 10:00 on April 10, 2015 by conference telephone. Those in attendance were:

Brooke Noack, NTMWD
Kayie Goodwin, NTMWD
Alexandra Smith, TCEQ
Mike Vanbuskirk, TCEQ
Michele Blair, TCEQ
Mike Buttram, SRBA

The meeting was called to order. After introductions of participants, Brooke indicated that NTMWD was going to do monitoring on Jim Chapman Lake and its tributaries. She indicated an interest in the monitoring currently being done on JCL and the sharing of future NTMWD data with SRBA. The options discussed was that when NTMWD completes their monitoring plans and agrees to follow SRBA's QAPP, the data would be quality assured and could be submitted to the SWQMIS.

In order to deal with the region of interest to NTMWD, segments 0306 and 0307 were discussed first. After those segments were discussed, the other segments were discussed in order starting with 0301 through 0305.

307-Jim Chapman Lake- The current monitoring of JCL was reviewed and the lack of current IR issues discussed. Brooke described NTWMD's interest in monthly monitoring of 3 to 4 sites on JCL and its tributaries, probably Jernigan Creek, Middle Sulphur and Upper South Sulphur. Their plan is to monitor monthly with a complete list of typical water chemistry and field parameters. NTWMD's plan should be formalized in the next month. NTWMD will need to be included under SRBA QAPP. They are familiar with SWQMIS procedures and NTWMD has a NELAC accredited laboratory in house. SRBA will audit NTMWD's monitoring systems once per contract cycle. The NTWMD's monitoring should be routine in the future because JCL is one of their water sources. TCEQ's monitoring on JCL will be the same as FY 2015. The pH standard change to 9 will be in effect for the FY 2016 assessment.

306-Upper South Sulphur River- The issues on South Sulphur were discussed including chlorophyll and total phosphorus below the City of Commerce WWTP. NTWMD is planning one site on this segment. TCEQ's monitoring for the segment will be the same as FY 2015.

Segment 0301 – Sulphur River – Mike Vanbuskirk can access the IP discharge site. No water quality issues currently exist. No changes for this segment are anticipated. Akin Creek has been moved to 0301. SRBA will retain site for study to see if it has a perennial flow by collecting field data and flow.

Segment 0302 – Wright Patman Reservoir –.The pH and chlorophyll issues on WPL were discussed along with a FY 2014 fish kill. The EPA has been asked to approve a 6-9.5 pH range which if approved will solve the listing for pH. The pH range has not been approved at this time. The temperature issue on WPL was discussed and implications of where the sites are located. The North Shore site was moved 350 m into the lake in 2014 which will put it in deeper water and may impact the future temperature values measured. A TMDL was discussed. The lack of clear point sources was the probable reason one had not been started. The issue might be better handled by a watershed protection plan. Future point sources in the basin may change how the issues are perceived. No changes in the current monitoring for WPL are planned. SRBA will add sites on four streams in the WPL watershed to see if they may be nutrient sources. The site numbers and a map will be included in the QAPP.

Segment 302G-TP Lake-Monitoring of TP Lake will be continued. Only field parameters will be collected.

Segment 0303 –Sulphur River-TCEQ will continue current monitoring schedule. SRBA will add sites on four streams in the Sulphur River Watershed to see if they are possible nutrient sources. The site numbers and a map will be included in the QAPP.

303B – White Oak-TCEQ will continue the FY 2015 monitoring schedule for FY 2016. There will be a review of the amount of existing 24-hr data for four monitoring sites on WOC. SRBA will continue the 24-hr monitoring on WOC based on the outcome of the review. The goal is to have enough 24-hr data to for assessment.

303D – Rock Creek- There will be a review of the amount of existing 24-hr data for the monitoring site ID 10200 on Rock Creek. SRBA will continue to monitor Rock Creek until enough 24-hr data is available for assessment.

0303F – Stouts Creek- There will be a review of the amount of existing 24-hr data for the monitoring site ID 18189 on Stouts Creek. Depending on the outcome of the review, the stream monitoring may be continued, or it may be discontinued.

Segment 0304-Days Creek-The current monitoring of Days Creek site ID 10226 will continue, but the water chemistry will be limited to nutrients. TCEQ will collect a single sediment sample for analysis of organic compounds.

Segment 0304C-Wagner Creek-The current monitoring of Wagner Creek at site ID 21176 will continue, but the water chemistry will be limited to nutrients.

Segment 0305-North Sulphur River-No changes to current strategy are being made.

The meeting was adjourned.

Mike Buttram, SRBA QAO