

## **FY 2023 Coordinated Monitoring Meeting Notes**

Sulphur River Basin Authority Clean Rivers Program

March 23, 2022

Community Room; Northeast Texas Community College

<b><u>Attendee</u></b>	<b><u>Organization</u></b>
Reeves Hayter	SRBA Board Member
Chris Hartung	SRBA Executive Director
Nancy Rose	SRBA CRP Project Manager
Chase Carpenter	TCEQ CRP Project Manager
Carly Rotzler	TCEQ SWQM Assessor
Laura Ryckman	TCEQ SWQM Assessor
Lauren Pulliam	TCEQ Region 5 SWQM
Mike Vanbuskirk	TCEQ Region 5 SWQM
Randy Rushin	Water Monitoring Solutions, Inc. Project Manager
Angela Kilpatrick	Water Monitoring Solutions, Inc. Quality Assurance Officer
Kristen Suprobo	North Texas Municipal Water District
Katie McElroy	North Texas Municipal Water District
Adam Whisenant	TPWD Tyler – River Studies

**Segment 0301 Sulphur River below Wright Patman Lake**

Region 5 No changes to the monitoring schedule.

**Segment 0302 Wright Patman Lake**

Region 5 No changes to the monitoring schedule.

R. Rushin Drop quarterly diel monitoring due to no DO impairments or concerns.

C. Rotzler Need data for assessment of DO impairments in 0302A Big Creek, 0302E Rice Creek, and 0302H Elliott Creek. The DO impairments are all based upon limited data. There are also non-attainment concerns for bacteria in these watersheds.

- R. Rushin Planning to collect field parameters in Rice Creek to address the DO concern (2020 IR).
- M. Vanbuskirk Sampled (diel and biologicals) at stations 21726 upstream of FM 2149 and Station 21727 downstream of FM 2149. These sites have low flow and low gradient which will make it difficult to get good DO readings. Has scouted station 15947 at FM 1840. He thinks that the flow will not be sufficient for diel and biologicals as the stream may go intermittent with perennial pools since the station is located in the upper portion of the watershed.
- R. Rushin As a result of the discussion, we want to postpone sampling in Rice Creek until we can scout other sites and collect diels instead of only grab samples. WMS would prefer to sample the unclassified segments of 0302A, 0302D, 0302E, 0302H, and 0302I during the same fiscal years for better cost-efficiency or through a special study.

**Segment 0303 Sulphur/S. Sulphur River**

Region 5 No changes to the monitoring schedule in 0303.

Region 5 No changes to the monitoring schedule in 0303B.

- C. Rotzler Need one more diel in AU 0303B\_03 White Oak Creek for a full assessment – preferably in the critical period. If critical period 24 HR DO Average is  $\geq 4$  mg/L, then the DO impairment can be removed for the assessment unit.
- M. Vanbuskirk stated that they had collected 10 diels.
- C. Rotzler Only 9 available for assessment
- M. Vanbuskirk station 10199 at US 271 – bridge is currently under construction so the stream may not be accessible and diels should be performed elsewhere due to the construction.
- L. Ryckman AU 0303B\_03 extends up to FM 900 near Saltillo (station 10201).
- R. Rushin If R5 is not able to collect the diel this summer, then WMS will perform the critical period diel in FY 2023 at station 10201 located at FM 900.

R. Rushin Swapping with R5 for station 10200 Rock Creek (0303D) – R5 will collect at station 10226 Days Creek (0304) to improve cost-efficiency as WMS will have no other stations in the area.

- Continue station 18189 Stouts Creek (0303F), but perform biased to season diels four times per year instead of twice per year.
- Add station 10202 Cuthand Creek (0303J) and station 17343 Little Mustang Creek (0303K) since no monitoring has been conducted at these stations since 2002 and these streams are tributaries to the proposed Marvin Nichols Reservoir.
- Continue station 17342 Kickapoo Creek (0303L), but discontinue diels as there are no DO concerns or impairments.
- Discontinue both station 20100 Horse Creek (0303N) and station 20101 Smackover Creek (0303M) since there are enough data collected for a full assessment.
- Add station 21595 Mustang Creek (0303P) including four biased to season diels to address the DO concern. This stream is also a tributary to the proposed Marvin Nichols Reservoir.

M. Vanbuskirk Performed Least Disturbed Stream monitoring in summer 2021 in Smackover (0303M), Cuthand (0303J), and Little Mustang (0303P) creeks.

**Segment 0304            Days Creek**

Region 5            Will monitor at station 10226 Days Creek at Stateline Road for field parameters, conventionals, and bacteria. Dropping diels as the stream has no DO impairments or concerns.

R. Rushin            Dropping stations 21176 Wagner Creek (0304C) and 15342 Swampoodle Creek (0304A). The City of Texarkana NRDA restoration project will disturb the stream, and there are enough data for the assessment.

**Segment 0305            North Sulphur River**

Region 5            No changes to the monitoring schedule.

R. Rushin            Continue sampling Auds (0305B), Hickory (0305C), and Big Sandy (0305D) creeks.

R. Rushin            Add two sites in AU 0305\_02 as recommended in the Basin Highlights Report. No sampling has been conducted in this assessment unit since 2007, and the reach will be impacted by the construction of Lake Ralph Hall - which is currently in progress. Pre-impoundment data are needed to assess its impacts on water quality and biota of the assessment unit. Stations 18844 at CR 3735 and 17613 at FM 38 will be added for field parameters, conventionals, bacteria, and Aquatic Life Monitoring. Station 18844 is located near the headwaters of the segment. It is unclear if this reach will remain a stream station. Station 17613 is located below the future dam and the mitigation area. Since there are no in-stream flow or release requirements from the reservoir, Aquatic Life Monitoring will be valuable for measuring the changes to the biological community structures in the future.

**Segment 0306            Upper South Sulphur River**

NTMWD            If enough pH data have been collected in AU 0306\_03 to address the pH impairment, then would like to drop station 17513. Have not collected any high pH values at the site.

NTMWD            Continue monthly monitoring at station 10238.

**Segment 0307            Jim Chapman Lake**

NTMWD            No changes to the monitoring schedule.

# Northeast Texas Community College

2886 FM 1735, Mt. Pleasant, TX 75455

GPS Coordinates: 33.10666, -94.8817719

Humanities Building; Community Room

or register to attend virtually at <https://us06web.zoom.us/join/tZlqc-yhrjgpEtLY90jRJ-ZGJ9EYYzlx9kL7>

