

Description of Monitoring Plan

Cypress Creek Project

3/24/14

TR G

Appendix: Monitoring Plan

Appendix A. Description of Water Quality Monitoring Plan (Citizen Science Based)

This is a proposed monitoring plan developed by Meadows Center staff and the Texas Stream Team as requested by the stakeholder committee. This plan will be reviewed and approved by the stakeholder committee upon which it will be updated in the next submitted version.

Comment [t1]: Two appendix As!

GROUP INFORMATION:

Group Name: Cypress Creek Stream Team

Group Coordinator: The group coordinator serves as the primary point of contact for TST partner agency staff. This person is responsible for forming and maintaining the group, communicating updates and issues to TST or partner agency staff, and responding to requests from interested parties.

Chris Clary

Training Coordinator: The training coordinator is responsible for scheduling citizen water quality monitor trainings and, when necessary, recruiting interested participants for the trainings. TST offers a core water quality monitoring training and an advanced water quality monitoring training. The advanced training is offered to those who have monitored consistently for at least seven months, which covers the monitoring procedures for nitrate-nitrogen, orthophosphate, streamflow, and turbidity. Should the group be interested in the advanced training, the training coordinator is responsible for keeping track of this information and scheduling the advanced training after seven months should the group be interested.

Travis Tidwell

Equipment Coordinator: The equipment coordinator is responsible for keeping track of monitoring equipment. This involves knowing who has each piece of equipment and keeping records of the expiration dates of reagents and media. The equipment coordinator must know all expiration dates of reagents and media, so that TST or partner agencies can ship supplies for a six month period. Prior to

submitting a request for equipment, this individual needs to ensure no reagents or media will expire within the six month period.

Travis Tidwell

Quality Assurance Officer: The quality assurance officer is responsible for reviewing data submissions for potential issues, following up with monitors to correct these issues, and conducting routine site visits. This individual must be familiar with the TST Quality Assurance Project Plan to ensure that monitoring is being carried out according to the protocol approved by the Texas Commission on Environmental Quality and the U.S. Environmental Protection Agency. The TST Quality Assurance Officer Manual is available as a resource to quality assurance officers.

Laura Parchman

MONITORING INFORMATION: Texas Stream Team Monitoring Plan

What goals do you plan to achieve as a monitoring group?

Increase stakeholder involvement in Cypress Creek WPP. Establish long-term baseline data of water quality and flows. Measure the effectiveness of BMPs.

Will you send your data to anyone other than Texas Stream Team? If so, who?

Stakeholder Committee/workgroup contact.

MONITORING SITE INFORMATION:

Please contact TST or partner agency staff for site suggestions prior to completing this section.

Monitoring Site #1 Name: Cypress Creek at Jacobs Well

Site ID #: 12677 Latitude 30.0339 Longitude -98.12560

Description: Jacobs Well. Collect water from shallow sides of well not from the deep part.

Monitoring Site #2 Name: Cypress Creek at Blue Hole

Site ID #: 80415 Latitude 30.0039 Longitude -98.0909

Description: Collect water off rope swing dock

Monitoring Site #3 Name: Cypress Creek at Old Kyle Road

Site ID #: 80443 Latitude 29.9965 Longitude -98.0962

Description: Collect water behind Inoz's and Wimberley Cafe

Monitoring Site #4 Name: Cypress Creek at RR 12

Site ID #: 80926 Latitude 29.9963 Longitude -98.0981

Description: Park in lot downstream of where RR12 crosses creek.

Stormflow Monitoring Site Name: TBD

Site ID #: _____ Latitude _____ Longitude _____

Description: Stormflow monitoring can be used to track pollution contributions from the Dry Cypress Creek and new developments as needed.