

NOLAN CREEK

Nolan Creek Watershed Partnership Evaluation

The purpose of this evaluation is to help us in designing educational information while learning more about individuals within the Nolan Creek watershed. Please read the following questions and fill in the answer you think is correct. If you are not sure of the answer, please fill in the “unsure” bubble. Thank you!

- 1. The Clean Water Act Section _____ List is a list of streams and lakes that are impaired for one or more contaminants, causing them to not meet state water quality standards. Nolan Creek/South Nolan Creek is currently on this list for impairments.**
 - 404(a)
 - 303(d)
 - 615(b)
 - 208(b)
 - 503(b)
 - Unsure

- 2. The Nolan Creek/South Nolan Creek is listed as impaired for what use?**
 - General Use
 - Aquatic Life Use
 - Recreational Use
 - Industrial Use
 - Unsure

- 3. What is measured to assess the impairment associated with Nolan Creek/South Nolan Creek?**
 - Bacteria
 - pH
 - Nutrients
 - Dissolved Oxygen
 - Pesticides
 - Unsure

- 4. Nolan Creek/South Nolan Creek was first listed as impaired in what year?**
 - 1949
 - 1986
 - 1990
 - 1996
 - 2010
 - Unsure

5. Concerns are indicated for nutrients within Nolan Creek/South Nolan Creek. Which nutrients frequently cause water quality concerns?

- Nitrogen and Potassium
- Phosphorus and Sulfur
- Nitrogen and Sulfur
- Phosphorus and Potassium
- Nitrogen and Phosphorus
- Unsure

6. The parameter used when evaluating recreational use is:

- Nutrients
- Dissolved oxygen
- Salts
- Bacteria
- Toxic substances
- All of the above

7. The recreational use that holds the most stringent standard for allowable bacteria is:

- Primary contact recreation (e.g., swimming)
- Secondary contact recreation 1 (e.g., canoeing or wading)
- Secondary contact recreation 2 (e.g., fishing from the bank)
- Noncontact recreation
- Unsure

8. The most regularly tested fecal bacteria indicator in freshwater is:

- Escherichia coli*
- Cyanobacteria
- Streptococcus
- Giardia
- Cryptosporidium
- Unsure

9. Pollution sources generally fall into two categories, point and nonpoint source, the following are examples of nonpoint source pollution, EXCEPT:

- Storm drainage from streets
- Runoff of pesticides from yards
- Treated wastewater discharged from a pipe
- Fertilizer runoff from pastures
- Bacteria from pet or livestock waste left on the land
- Unsure

10. Structural and non-structural practices used to protect water quality are often referred to as:

- Environmental protection practices
- Best management practices
- Water restoration practices
- Unsure

11. A watershed is a:

- Shed holding water
- Sweat off a runner
- Land area associated with a river, creek or other water body
- Pollution control strategy
- Heavy rainfall
- Unsure

12. A flexible framework for managing the quantity and quality of water resources within a watershed is referred to as a:

- Monitoring plan
- Watershed approach
- Restoration strategy
- Pollution control strategy
- Community action plan
- Unsure

13. To improve water quality of an impaired water body, what voluntary approach is promoted in Texas?

- Watershed protection plans
- Total maximum daily loads
- Riparian zone workshops
- Environmental planning
- Unsure

14. What is NOT a characteristic of a total maximum daily load (TMDL)?

- Voluntary
- Requires calculation of a budget for pollutant loading
- Allocates allowable pollutant loadings
- Regulatory
- Unsure

15. What is NOT a characteristic of a watershed protection plan (WPP)?

- Regulatory
- Stakeholder driven
- Voluntary
- Uses adaptive management
- Unsure

16. The chief regulatory agency for water quality in Texas is:

- Texas Coastal Management Program
- Texas Stream Team
- Texas Coordinated Monitoring Program
- Texas Commission on Environmental Quality
- Texas Bay Monitoring Program
- Texas State Soil & Water Conservation Board
- Unsure

17. What activities, if any, do you do in or along Nolan/South Nolan Creek? (please mark all that apply)

- Fishing
- Wading
- Swimming
- Canoeing/Boating
- Walking along the bank
- Bird watching from the shore
- All of the above
- None of the above

18. What do you feel are the major bacteria sources in or along Nolan/South Nolan Creek?

19. Please note your level of interest in the following:

ITEM	<u>Not</u> Interested	<u>Possibly</u> Interested	<u>Definitely</u> Interested
A. Protecting my watershed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B. Participating in additional watershed education workshops or seminars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C. Becoming active in a local watershed group	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D. Having a leadership role in a local watershed group	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E. Participating in a volunteer water quality monitoring program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

20. Please note your interest in the following workshops/trainings:

ITEM	<u>Not</u> Interested	<u>Possibly</u> Interested	<u>Definitely</u> Interested
A. Texas Riparian & Stream Ecosystem Workshop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B. On-Site Sewage Facility- Aerobic/Surface Application System Operation and Maintenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C. Texas Watershed Steward Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D. Lonestar Healthy Streams- online course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E. Meeting the Water Needs for Texans and Wildlife- webinar	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

21. Please answer the following questions by marking YES, NO, or NA, related to where you have received water quality information.

Have you received water quality information from the following sources?	Yes	No	NA
A. Television	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B. Newspapers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C. Internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D. Texas Institute for Applied Environmental Research (TIAER)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E. Local Soil & Water Conservation District	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
F. Universities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
G. Environmental Agencies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
H. Environmental groups (citizens groups)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

22. How would you best describe yourself?

- Agency professional
- City/county official/employee
- Non-governmental organization member/employee
- Teacher/educational professional
- Small business owner
- Other:

23. You are:

- Female
- Male

24. You are:

- 18-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70-75+

25. Place of residence:

- Farm or ranch 0 – 100 acres
- Farm or ranch >100 acres
- Rural area, not a farm/ranch
- Town under 10,000 people
- Town or city between 10,000 and 50,000 persons
- City between 50,000 and 250,000 persons
- City over 250,000 persons

26. Highest level of education obtained:

- Some high school or less
- High school graduate of GED
- Vocational or technical degree
- Some college
- Bachelor degree
- Post-graduate degree(s)

27. Would you like to receive updates on upcoming meetings, trainings, and other events pertaining to the Nolan/South Nolan Creek Watershed?

- No
- Yes

Name:	
Email:	
Phone:	

(Note: This page can be detached and turned in separately from the rest of the evaluation if you prefer.)

Thank you!

This survey is part of a Texas Commission on Environmental Quality Clean Water Act Section 319(h) Nonpoint Source Grant Program project, *Nolan Creek/South Nolan Creek Watershed Protection Plan*, being conducted by the Texas Institute for Applied Environmental Research.

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If you have any questions about this project or wish to mail back this survey, please contact:

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