

INSTRUCTIONS FOR COMPLETING THE CONTINUOUS WATER QUALITY MONITORING PROJECT PROPOSAL

I. PROJECT DESCRIPTION

A. Project Name:

Enter a descriptive project name (e.g. Continuous Water Quality Monitoring on Horse Pen Creek)

B. Project/Site Location(s):

Describe the proposed monitoring site(s) location(s), including the name of the water body with sufficient detail that the location can be found on a map. If latitude and longitude are known, include them in this section. If multiple sites are suggested, please indicate whether these locations are intended to ultimately represent one CWQMN station or multiple stations.

C. River or Coastal Basin:

In which river basin or coastal basin would this project be located? Include the TCEQ Segment number if known.

D. Primary TCEQ Region:

In which TCEQ Region would this project be located? If the project would be in more than one TCEQ Region, please include Primary Region followed by the notation "(P)" and any other TCEQ Region(s) followed by the notation "(S)".

E. Project Purpose:

State the purpose of the project (e.g. 305(b) assessment, management decisions, status and trends/tracking water quality improvements, early warning, research, education, other). Please describe the purpose in these or similar terms.

F. What Data is Needed:

Describe the data that is needed including the parameters (dissolved oxygen, pH, etc), frequency of measurement (daily, hourly, 15 minute, etc), and start date and end date of monitoring.

G. Why Is the Data Needed:

Explain why the data is requested (does the project fill a spatial or temporal gap in an existing data set, establish a data set for an emerging issue, or enhance existing data and/or information).

H. How Will the Data be Used:

Identify the decision(s) this data set will support.

I. What is the Tolerance for Decision Errors:

Identify/describe the potential impact of any error in decisions making using this data. Are these impacts acceptable? If not, are there other data sets/sources which can be used to avoid these errors.

J. Project Data Objectives:

Will the data be used for any of the following purposes: education; assessment; management decisions; screening; early warning; research; and/or other? For any of these purposes, please explain how the data will be used.

K. Installation Type:

Would the project be installed: 1) on shore with instruments deployed in the water body; 2) on shore with instruments and/or pumps in the water body and analytic instruments in a structure; 3) instruments deployed on a floating or fixed structure

in the water body; 4) attached to a fixed structure (e.g. bridge) above a water body; or, 5) other? Identify the likely type and describe how you think the station will be installed.

L. Parameters to Measure:

List the parameters which should be collected at the site (eg. Temperature, pH, dissolved oxygen, specific conductance, chlorophyll, turbidity, nitrate, ammonia, total reactive phosphorus, flow, depth, meteorology, and/or other).

M. Instrument of Choice:

If a particular instrument is required/proposed, please identify the instrument including brand, model and the reason this instrument is needed.

N. Available/In-Kind Resources:

Describe the resources (capital, supplies, labor, etc) which you can contribute to support this project proposal.

II. TECHNICAL FEASIBILITY & SUPPORT

A. Technology Availability:

If known, does technology exist to monitor for the parameters identified for this project, is it in development, is there a prototype, does TCEQ currently use this technology, and/or does TCEQ maintain an instrument in inventory using the technology?

B. How completely does the technology support the data need:

If known, does the technology meet the data need of the project? Does it fully meet the need or partially meet the need?

C. Who will operate the site:

If known, indicate who will operate and maintain the site (TCEQ, a cooperator, or a contractor). Please identify the entity (and individual if known). Have they: 1) committed to operating the site; 2) expressed interest in operating the site; 3) are unaware of this project proposal but are expected to be interested in operating the site; or 4) are unaware of the project and their interest in operating the site is unknown?

D. Who will validate the data for the site:

If known, indicate who will validate the data from the site (TCEQ, a cooperator, or a contractor). Please identify the entity (and individual if known). Have they: 1) committed to validating data for the site; 2) expressed interest in validating data for the site; 3) are unaware of this project proposal but are expected to be interested in validating data for the site; or 4) are unaware of the project and their interest in validating data for the site is unknown?

E. Are there constraints at the site location(s):

Please describe the location of the proposed project including considerations like fluctuating water levels, steep banks, eroding banks, private property, accessible only by boat, other issues which must be considered when designing and deploying the proposed project.

III. PROJECT OBJECTIVES

A. Who are the internal and external parties interested in the project:

Please identify all known internal (TCEQ) and external parties interested in and supportive of the proposed project.

B. How will TCEQ benefit from the project:

Describe how and when this project will benefit TCEQ.

C. How will external parties benefit from the project:

Describe how and when this project will benefit external party(s).

D. How soon does data collection need to begin and why:

Indicate when the data is need and why it is needed by that date (greater than 12 months, 6 -12 months, 3 - 6 months, 0 -3 months).

IV. SUBMITTER INFORMATION

A. Name:

Please enter your name.

B. Organization:

If you represent an entity/organization that is requesting this monitoring station, enter the name of the entity/organization. Otherwise, enter "N/A".

C. Mailing Address:

Please enter your mailing address.

D. Email address:

Please enter an email address.

E. Phones

Business:

Enter a business phone number for use between 8:00 am and 5:00 pm.

Cell:

Please enter a cell phone number, if available, for use between 8:00 am and 5:00 pm.

Other:

If there are additional phone numbers, please enter them here and indicate when these are appropriate.