

TCEQ Pristine Streams Stakeholder Meeting

August 31, 2022 @ 1:30 p.m.

Building E, Room 201S

AGENDA

Moderator:

Gregg Easley

- Welcome and introductions

Pristine / Nutrient Sensitive Streams

Gregg Easley

- Streams identified in Pristine Streams rule petition: Review of where the 22 segments in the rule petition are located, their general characteristics including designated uses and criteria, and what sets them apart from other stream segments (e.g., low concentrations of phosphorus).
- Existing permits with discharge limits: Discussion of TCEQ-issued discharge permits with nutrient limits (primarily phosphorus) including total number of permits, their geographic distribution including those within the 22 segments, and the range of the limits.

Stream Science / Nutrient Impact Evaluation

Peter Schaefer

- Determining the need for nutrient limits in a water quality permit: Review of the stream nutrient screening procedures are found in the Procedures to Implement the Texas Surface Water Quality Standards (2010) and TCEQ's nutrient screening tool, which is based on site-specific stream conditions that inform various screening factors.
- Development of nutrient limits: Review of the screening factors and levels of concern for each factor that are used to help determine the specific effluent limit needed, when initial stream nutrient screening indicates limits are necessary to ensure protection of water quality.
- Are models used for nutrient review?

Treatment Technologies

Louis Herrin, P.E.

- Available treatment technologies: Review of different treatment technology options, including biological treatment, chemical additions, membranes technologies, and blending technology options.
- Limits of technology: Discussion of the treatment level each technology can achieve from properly operated wastewater treatment plants.
- Optimization options: Discussion on how existing treatment technologies can be optimized to improve or maximize efficacy.

Alternatives Discharge options

J. Alfonso Martinez

- Available alternatives to discharge: Review of no-discharge authorization options, including Texas Land Application Permits that allows for the disposal of treated domestic wastewater via surface irrigation, subsurface irrigation, and evaporation, and opportunities for use of reclaimed water.
- Incentives to use alternatives: Discussion of potential incentives to utilize alternative discharge options.

Public Participation

Gregg Easley

- Discussion of previous recommendations: Pre-application meetings. Affected persons determination. Modeling.
- Stakeholder presentations, oral comments, and recommendations: Stakeholder-driven discussion providing the opportunity to give comments and recommendations to TCEQ.
- Questions & answers: Stakeholder questions will also be taken with TCEQ staff providing responses.

Next Steps

Gregg Easley

- Milestones and anticipated timeline: TBD.

Adjournment

This Pristine Streams Stakeholder meeting recording will be available for viewing on the TCEQ agency YouTube channel at: <https://www.youtube.com/user/TCEQNews>

Webcast attendees: Please submit an email to wq-streams@tceq.texas.gov with “Pristine” in the subject line and include your title/contact Information (business affiliation and phone number) to be registered on the attendance roster. You may submit this information in advance.

Meeting attendees: If you wish to join the Pristine Streams Stakeholder group, please submit an email to wq-streams@tceq.texas.gov with “WQAWG Pristine Streams” in the subject line and include your:

a) *First & Last Name*, b) *Company Name*, c) *Job Title*, d) *Email*, e) *Business affiliation*, f) *Address*, and g) *Phone number*.

If you have questions about the meeting, please call the Water Quality Division at 512-239-4671.

Thank you.