

Texas Commission on Environmental Quality

Chapter 217 Design Criteria

Stakeholder Meeting

November 19, 2020 @ 1:30 p.m.
Via MS Teams Live Event

Final Agenda with Attendee List

Welcome and Introductions	Louis C. Herrin, III, P.E.
Chapter 217 Update Timeline	Louis C. Herrin, III, P.E.
History of Major Changes to Design Criteria in Texas	Louis C. Herrin, III, P.E.
Emergency Power Requirements for Critical Components	Paul Brochi, P.E.
Collection Systems, Subchapters C and D <ul style="list-style-type: none">• Collection line• Force main• Lift station volume for emergency storage	Paul Brochi, P.E.
Activated Sludge System, Subchapter F <ul style="list-style-type: none">• Weir loading• Peak flows for aeration basins, clarifiers• Membrane Bio Reactor (MBR) – flux rate and turbidity meters• Sequencing Batch Reactors (SBRs)	Paul Brochi, P.E.
Updating 217.163 Advanced Nutrient Removal <ul style="list-style-type: none">• With more plants getting Total Phosphorus (TP) and Total Nitrogen (TN) requirements in their permits we have to ask to update the design requirement for these types of plants including basin DO requirements, sizing requirements, chemical addition, and etc.	Baltazar Lucero-Ramirez, P.E.
Natural Treatment Systems, Subchapter H <ul style="list-style-type: none">• Liner update three-foot thickness over aquifer recharge area	Paul Brochi, P.E.
Updating Disinfection Requirements, Subchapter K & L <ul style="list-style-type: none">• Cl₂ – Gaseous Chlorine, Sodium Hypochlorite• Ultraviolet (UV)• Other methods	Baltazar Lucero-Ramirez, P.E.
Subsurface and On-site Disposal, New Subchapter I <ul style="list-style-type: none">• Move the design from Chapter 222 to the reserve Subchapter I for on-site system• Miscellaneous• Flow measurements requirements primary and secondary	Louis C. Herrin, III, P.E.

Miscellaneous

Louis C. Herrin, III, P.E.

Question & Answer Session

Adjournment

To be added to the DCSG stakeholder list for future meetings and correspondence, please email your request to Outreach@tceq.texas.gov with "Chapter 217" in the Subject line.

The meeting will be available after the meeting at <https://www.youtube.com/user/TCEQNews>.

Table 1-Attendance for the Design Criteria Stakeholder Group (DCSG) Stakeholder Meeting

**Attendance for the Chapter 217 Design Criteria Stakeholder Meeting
November 19, 2020**

First Name	Last Name	Company Name
Aaron	Croley	HDR
Aaron	Redder	Freese & Nichols, Inc
Abel	Garcia	CEA Group
Aby	Varghese	City of Houston
Adan	Rangel	Utility Engineering Group
Adrian	Rosas	TRE & Associates, LLC
Adrian	Todsen	LJA Engineering
Ajay	Shrivastav	CDM Smith, Inc.
Alan	Phillips	MRB Group, PC
Alejandro	Laje	TCEQ
Alexander	Eaves	TRWA
Alexander	Zuniga	LAN, Inc.
Alexandra	Doody	CDM Smith, Inc.
Alyssa	Loveday	TCEQ
Amanda	Frazier	Burgess & Niple
Amy	Stonaker	Jones and Carter
Ana	Pena-Tijerina	Plummer
Andrea	Wyatt	Murfee Engineering Company
Andres	Juarez	Vogler & Spencer Engineering
Andrew	Shaw	Black & Veatch
Andrew	Medrano	TCEQ
Andrew	Mizerek	Peloton Land Solutions
Angel	Rudolph	City of Weatherford
Anne	Ruthstrom	TCEQ PSEAD
Anton	Dapcic	Carollo Engineers, Inc.
Arshi	Butt	Harris County Engineering Department
Ashley	Hairston	Freese and Nichols, Inc.
Ashok	Varma	RPS Group
Austen	Beck	Bleyl Engineering
Avinash	Hanel	MRB Group
Ayobamidele	Bello	HR Green

Bill	Gase	City of Garland
Bill	Kotlan	BGE, Inc.
Bill	Manning	Sander Engineering
Bobby	Guerra	San Antonio River Authority
Brad	Rebhan	Upper Trinity Regional Water District
Bryan	Sherrieb	Dunaway Associates
Bryce	Canady	Walker Partners
Carol	La Breche	City of Houston
Chance	Lee	Brazos River Authority
Charles	Perkins	Texas Rural Water Association
Charles	Schneider	TCEQ
Chase	Chandler	Lockwood, Andrews & Newnam, Inc.
Chris	Burke	Christopher Burke Engineering
Chris	Edwards	Teague, Nall and Perkins, Inc.
Chris	Hay	Enprotec/Hibbs & Todd, Inc.
Christina	Burleson	City of Waco
Christine	Cooper	City of Conroe
Christopher	Edwards	Teague, Nall and Perkins, Inc.
Christopher	Mayben	TCEQ R8
Christopher	Varnon	CDM Smith, Inc.
Claire	Schneider	Freese and Nichols, Inc.
Colden	Rich	Enprotec/Hibbs & Todd, Inc.
Cole	Gray	TCEQ
Coy	Armstrong	College of Engineers Texas A&M University
Curtis	Hamptons	Cobalt Engineering
Cynthia	Robinson	Trinity River Authority of Texas
Danai	Landfair	Atmos Energy Corporation
Daniel	Flores	San Antonio River Authority
Daniel	Roberts	CP&Y
Danielle	Cioce	Harris County
Danielle	Lam	Lloyd Gosselink Rochelle & Townsend PC
Danny	Hays	KSA Engineers
Darel	Ball	Guadalupe-Blanco River Authority
David	Olf	Jones and Carter
David	Thomison	City of Georgetown
David T	Villarreal	Texas Department of Agriculture

Debbie	Miller	TCEQ
Denise	Ehrlich	Gulf Coast Authority
Dianna	Kocurek	Tischler/Kocurek
Donan	Akplogan	TCEQ
Donna	Cosper	TCEQ, PSEAD, OSSF Program
Dustin	Roberts	TCEQ
Dustin	Clark	Upper Trinity Regional Water District
Eddie	Aguilar	Jacob & Martin
Edwin	Kolacki	City of Temple
Elizabeth	Byrd	Freese & Nichols, Inc.
Ellen	Ojeda	Texas Commission on Environmental Quality
Erik	Spencer	Vogler & Spencer Engineering
Erik	Sanchez	AEI Engineering, a Baxter & Woodman company
Erika	Crespo	TCEQ
Erin	Mills	Freese and Nichols, Inc.
Fadwa	Behnam	Benchmark Engineering Corporation
Farida	Goderya	City of Fort Worth, Water Department
Fatima	Berrios	Harris County
Francisco	Guerrero	Pape-Dawson Engineers
Frank	Phelan	Jay Engineering Company, Inc.
Gary	Smith	TRC
Geoff	Kirshbaum	Terrill & Waldrop
George	Freitag	SouthWest Water Company
George	Farah	Plummer
Glenn	Chisholm	Harris County WCID #1
Gloria	Broussard	Corix Utilities (Texas)
Gracie	Fillmore	Dynamic Industries
Gregg	Haan	LJA Engineering
Gregg	Easley	TCEQ
Gunnar	Dubke	TCEQ
Heather	Maloney	City of Houston
Herbert	Darling	TCEQ
Hollie	Janecka	Strand Associates, Inc.
Hoss	Forouzan	Gupta & Associates, Inc.
Hugo	Salinas	Seven Seas Water
Jack	Coleman	Texas Commission on Environmental Quality Region 12 Office

Jacqueline	McMahon	Freese and Nichols, Inc.
Jaime	Salinas	Huitt-Zollars, Inc.
James	Wolfe	Inframark
James	McMillen	Perkins Engineering Consultants, Inc.
James	Miertschin	JMA
James	Busby	Burgess & Niple, Inc.
James	Billeck	City of Temple
Jamie	Miller	Integrated Water Services
Jamie	Koenings	Burns & McDonnell
Janine	Nguyen	Freese and Nichols, Inc.
Janneke	De Boer	Jacob & Martin
Jared	Slemmons	Enprotec/Hibbs & Todd, Inc.
Jason	Kaiser	Kimley-Horn
Jason	Johnson	RG Miller Engineers, Inc.
Jason	Williams	San Jacinto River Authority
Jaspinder	Singh	TCEQ
Javier	Vasquez	HDR Engineering, Inc.
Jennifer	Glaess	Pape-Dawson Engineers
Jerod	Morris	Goodwin-Lasiter-Strong Architecture - Surveying
Jessica	Obrien	Marathon Petroleum (MPLX)
Jill	Csekitz	TCEQ
Jim	Baddaker	Freese and Nichols, Inc.
Jim	Wolfe	Inframark
Jimmie	Fulkerson	ESI
Joel	Mitchell	Mitchell & Morgan
Joel	Cantwell	TRE & Associates, LLC
Joel	Mora	Arcadis
John	Durbin	Trinity River Authority
John	Marler	HDR
John	Herzog	IDS Engineering Group
John	Jansing	TRE & Associates, LLC
John	Noell	Urban Design Group PC / Dunaway UDG
Jon	Vanderwilt	Costello, Inc.
Jonathan	White	L Squared Engineering
Jorge	Azcarate	CEA Group
Jorge	Grajeda	CEA Group

Joshua	Berryhill	Enprotec/Hibbs & Todd, Inc.
Justin	DuRant	Freese and Nichols, Inc.
Kara Lee	Denney	Burns & McDonnell
Karesa	Browder	TCEQ
Keith	Downer	Seven Seas Water
Kelly	Wilson	TCEQ
Kendra	Houston	TCEQ
Kent	Riker	Provenance Engineering
Keval	Satra	HR Green
Kevin	Chumbley	City of Longview
Kiera	Fitzgerald	BluCoast Water Solutions, Inc.
Kim	Laird	TCEQ
Kimberly	Rhodes	TCEQ
Kirk	Sheng	Freese and Nichols, Inc.
Kris	Glende	RG Miller Engineers, Inc.
Kristi	Mills-Jurach	TCEQ
Kristine	Mitchell	Burns & McDonnell
Kristopher	Glende	RG Miller Engineers, Inc.
Laura	Gloria	SJWTX Inc. Canyon Lake & Deer Creek
Lauren	Willis	Guadalupe-Blanco River Authority
Leonard	Levine	Gulf Coast Waste Disposal Authority
Lisa	Fisher	TCEQ Region 5
Lorena	Ortiz-Duque	TCEQ
Luis	Guerrero	CEA Group
Manuel	Moncholi	City of Houston Public Works
Margaret	Gillentine	LJA Engineering
Maria	Pattengale	Arcadis
Maricela	Rangel	City of Dallas
Marilyn	Gates	TCEQ
Mark	Urback	Quadvest LLP
Mark	Hall	Hanson Professional Services, Inc.
Mark	Maroney	Urban Engineering
Mark	Gamble	TCEQ
Marty	Kelly	Texas Parks and Wildlife Department
Mathew	Busby	LAN
Melissa	Keller	TCEQ

Meni	Mancini	TradeWorks Environmental Inc
Micah	Hatten	Quadvest LLP
Michael	Watts	Garver
Michael	Urrutia	Guadalupe Blanco River Authority
Michael	Graves	CP&Y
Michael	Bostic	Booth & Associates, P.C.
Michael	Helfrich	LJA Engineering, Inc.
Mike	Morrison	Freese and Nichols, Inc.
Mohan	Nayak	Parsons
Morgan	Brown	Bleyl Engineering
Nancy	Lundie	RPS Group
Nancy	Vignali	TCEQ
Nathan	Cantrell	Texas Rural Water Association (TRWA)
Nathan	Thompson	Peloton Land Solutions, Inc.
Nathan	Rigler	Hugo Reed and Associates, Inc.
Nathaniel	Lail	WaterEngineers, Inc.
Norman	Scholes	Vogler & Spencer Engineering
Orlando	Cruz	Cruz-Hogan Consultants, Inc
Patrick	Bond	Inframark
Paul	Wood	Lockwood, Andrews & Newnam, Inc.
Paul	Banschbach	Garver USA
Paula	Monaco	Plummer
Phi	Nguyen	WGA
Phillip	Goodwin	City of Houston
Priscilla	Hudson	TCEQ
Rachel	Lujan	Lockwood, Andrews, & Newnam (LAN)
Randel	West	Ardurra, Inc.
Randy	Bush	CP&Y
Ranjit	Gujja	Weston Solutions
Rebekah	Stanush	TCEQ
Remington	Burklund	Texas Parks and Wildlife Department
Rena	DiGuardi	TCEQ
Rex	Hunt	Plummer Associates
Rhonda	Nelson	RG Miller Engineers, Inc.
Robert	Adams	Plummer
Royce	Gooch	J Shehan Engineering

Russ	Cosbey	Huitt-Zollars, Inc.
Rutilio	Mora	City of Kingsville
Ryan	Byrd	WGA Consulting Engineers
Ryan	Pierce	Plummer
Sam	Irrinki	Weston Solutions
Sam	Meisner	Freese and Nichols, Inc.
Samantha	Perez	Harlingen Water Works System
Samir	Mathur	CDM Smith
Sarah	Eagle	TCEQ
Scott	Baggett	City of Longview
Scott	Hay	Enprotec/Hibbs & Todd, Inc.
Sean	Mason	Kimley-Horn
Shad	McDaniel	-OO- Double Ought Engineering & Surveying
Sharon	Sesler	City of Temple
Shelby	Williams	TCEQ
Sowmya	Anand Shetty	Parsons
Stephen	Manning	Parsons
Steve	Manning	Parsons
Steve	Duncan	Bleyl Engineering
Steve	Mendoza	Jones-Heroy and Assoc.
Steven	Fish	Third Coast Engineering Corporation
Steven	Van Landingham	TCEQ
Summer	Johnson	CPS Energy
Susan	Meckel	Lower Colorado River Authority
Tammy	West	Austin Water
Teague	Harris	IDS Engineering Group
Ted	Schneider	BGE, Inc.
Temple	Williamson	Ardurra
Tiffany	Hunter	City of Georgetown
Tiffany	Morgan	Brazos River Authority
Timothy	Sanders	BEFCO Engineering, Inc.
Timothy	Wells	Peloton Land Solutions
Tina	Hanson	Garver
Todd	Burrer	Inframark
Tommy	Valle	KPA Engineers
Toshio	Shimada	Carollo Engineers, Inc.

Travis	Walker	Bleyl Engineering
Tristan	King	Jacob & Martin, LLC
Troy	Zwerneman	Brazos River Authority
Vanessa	Chapa	Inframark
Walid	Samarneh	City of Houston
Wayne	Kimball	Cobb, Fendley & Associates
Westin	Massey	TCEQ
William	Kotlan	BGE, Inc.
William	Wehner	HDR, Inc.
Zachary	King	TCEQ
Zack	Saucier	LJA Engineering

Please note: The attendance roster does not reflect those that attended the MS Teams Live Event anonymously.